

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038632.D
 Acq On : 07 Nov 2023 14:22
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/08/2023
 Supervised By : Mahesh Dadoda 11/08/2023

Quant Time: Nov 08 03:04:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 01:38:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	324802	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	498212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	474632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82601	20.427	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	40.860%	#	
35) Dibromofluoromethane	5.385	113	72041	20.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.160%	#	
50) Toluene-d8	8.647	98	260830	20.313	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	40.620%	#	
62) 4-Bromofluorobenzene	11.079	95	99062	19.899	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	39.800%	#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67904	20.132	ug/l	99
3) Chloromethane	1.301	50	55198	18.933	ug/l	97
4) Vinyl Chloride	1.374	62	60920	19.628	ug/l	99
5) Bromomethane	1.605	94	53886	22.494	ug/l	99
6) Chloroethane	1.691	64	38735	19.711	ug/l	99
7) Trichlorofluoromethane	1.892	101	104110	19.457	ug/l	99
8) Diethyl Ether	2.136	74	35906	19.548	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	60540	19.135	ug/l	90
10) Methyl Iodide	2.453	142	72727	18.613	ug/l	92
11) Tert butyl alcohol	2.953	59	72810	88.080	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	58128	19.177	ug/l	# 80
13) Acrolein	2.233	56	58794	93.842	ug/l	99
14) Allyl chloride	2.666	41	81501	18.772	ug/l	# 93
15) Acrylonitrile	3.062	53	168033	96.320	ug/l	99
16) Acetone	2.380	43	160791	94.417	ug/l	90
17) Carbon Disulfide	2.514	76	156697	19.455	ug/l	99
18) Methyl Acetate	2.703	43	141012	19.435	ug/l	# 89
19) Methyl tert-butyl Ether	3.117	73	188067	19.402	ug/l	98
20) Methylene Chloride	2.788	84	66324	19.319	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	63953	19.379	ug/l	85
22) Diisopropyl ether	3.764	45	160241	19.583	ug/l	# 85
23) Vinyl Acetate	3.721	43	572420	98.557	ug/l	# 92
24) 1,1-Dichloroethane	3.611	63	104156	19.239	ug/l	97
25) 2-Butanone	4.556	43	235866	95.609	ug/l	# 89
26) 2,2-Dichloropropane	4.483	77	90360	19.116	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	73760	19.356	ug/l	85
28) Bromochloromethane	4.897	49	51384	21.120	ug/l	# 61
29) Tetrahydrofuran	5.007	42	148284	96.608	ug/l	# 83
30) Chloroform	5.099	83	120997	19.049	ug/l	99
31) Cyclohexane	5.471	56	84900	18.971	ug/l	# 84
32) 1,1,1-Trichloroethane	5.385	97	107515	19.233	ug/l	96
36) 1,1-Dichloropropene	5.696	75	83909	18.825	ug/l	94
37) Ethyl Acetate	4.715	43	86988	19.115	ug/l	# 94
38) Carbon Tetrachloride	5.678	117	95232	19.112	ug/l	97
39) Methylcyclohexane	7.385	83	103788	18.624	ug/l	90
40) Benzene	6.037	78	248504	19.356	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43816	18.898	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	91833	19.824	ug/l	96
43) Isopropyl Acetate	6.342	43	131709	18.825	ug/l #	92
44) Trichloroethene	7.129	130	75607	18.928	ug/l	92
45) 1,2-Dichloropropane	7.434	63	60076	19.357	ug/l	97
46) Dibromomethane	7.580	93	50269	19.368	ug/l #	87
47) Bromodichloromethane	7.824	83	91604	18.767	ug/l	96
48) Methyl methacrylate	7.696	41	65355	19.383	ug/l #	86
49) 1,4-Dioxane	7.659	88	27751	361.538	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	452155	99.191	ug/l	94
52) Toluene	8.720	92	164568	19.568	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	94302	18.976	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	100678	19.191	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	70333	19.710	ug/l	96
56) Ethyl methacrylate	9.116	69	95823	19.193	ug/l	89
57) 1,3-Dichloropropane	9.311	76	108728	19.562	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	246288	100.332	ug/l	92
59) 2-Hexanone	9.427	43	358430	97.178	ug/l	92
60) Dibromochloromethane	9.519	129	75754	18.911	ug/l	100
61) 1,2-Dibromoethane	9.610	107	78057	19.463	ug/l	98
64) Tetrachloroethene	9.275	164	68316	19.229	ug/l	92
65) Chlorobenzene	10.079	112	187389	19.395	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	69268	19.071	ug/l	99
67) Ethyl Benzene	10.195	91	318753	19.503	ug/l	98
68) m/p-Xylenes	10.299	106	254950	39.305	ug/l	95
69) o-Xylene	10.640	106	121322	19.233	ug/l	97
70) Styrene	10.653	104	203835	19.580	ug/l	96
71) Bromoform	10.799	173	59962	18.704	ug/l #	100
73) Isopropylbenzene	10.963	105	325098	19.812	ug/l	97
74) N-amyl acetate	10.842	43	111562	19.567	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	111139	19.591	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	100854m	19.039	ug/l	
77) Bromobenzene	11.201	156	87643	19.461	ug/l	81
78) n-propylbenzene	11.305	91	378514	19.822	ug/l	98
79) 2-Chlorotoluene	11.366	91	224071	19.600	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	278968	19.753	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	30278	19.478	ug/l	90
82) 4-Chlorotoluene	11.457	91	263272	19.712	ug/l	93
83) tert-Butylbenzene	11.713	119	278622	19.470	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	280498	20.025	ug/l	97
85) sec-Butylbenzene	11.890	105	349984	19.600	ug/l	98
86) p-Isopropyltoluene	12.012	119	299150	19.666	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	165524	19.224	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	168926	19.087	ug/l	97
89) n-Butylbenzene	12.335	91	258757	19.116	ug/l	96
90) Hexachloroethane	12.536	117	48038	18.644	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	161548	19.212	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27515	19.298	ug/l	72
93) 1,2,4-Trichlorobenzene	13.585	180	112267	18.666	ug/l	98
94) Hexachlorobutadiene	13.725	225	47529	18.314	ug/l	99
95) Naphthalene	13.774	128	354518	19.541	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	112306	18.944	ug/l	98

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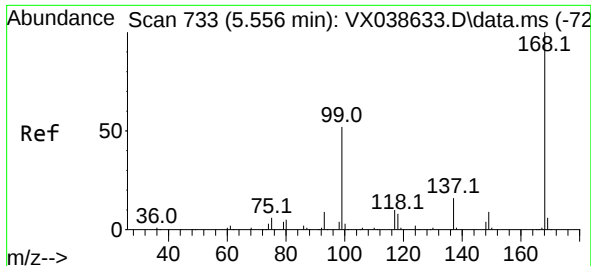
Manual Integrations
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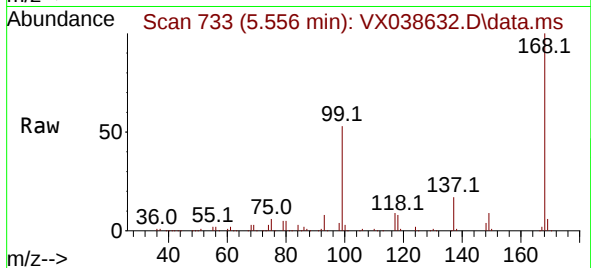
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
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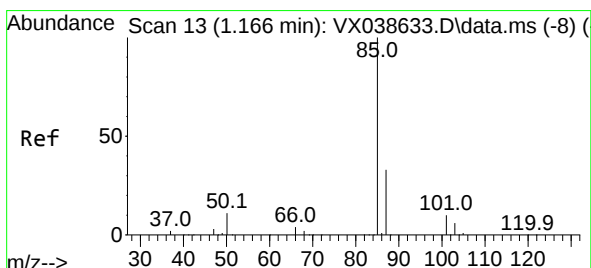
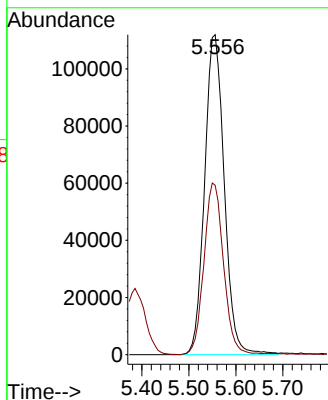
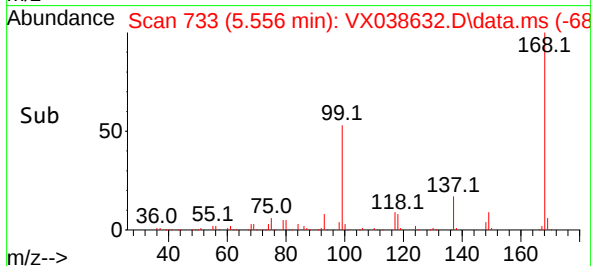
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 32480
Ion Ratio Lower Upper
168 100
99 52.9 56.6 85.0

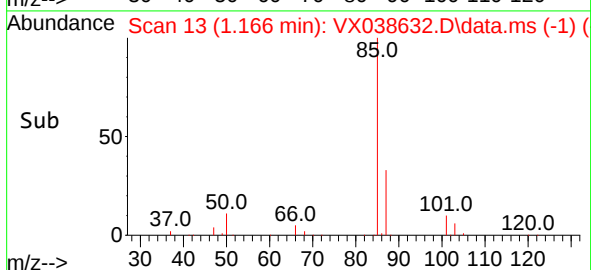
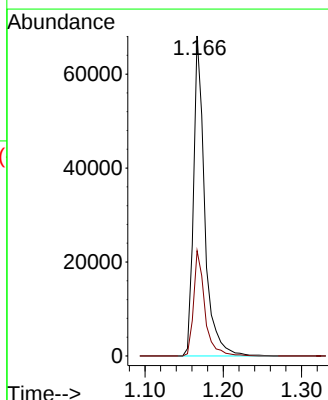
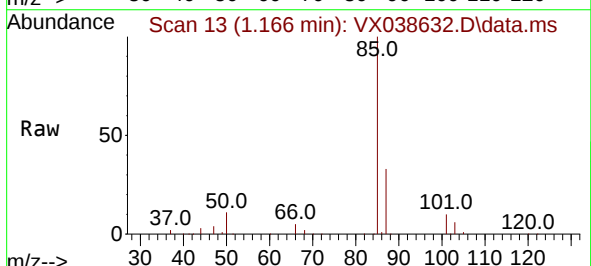
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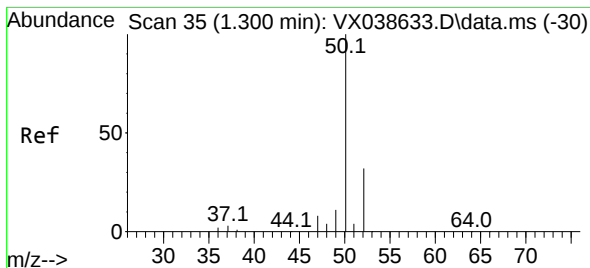
Reviewed By :John Carlone 11/08/2023
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#2
Dichlorodifluoromethane
Concen: 20.132 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 85 Resp: 67904
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





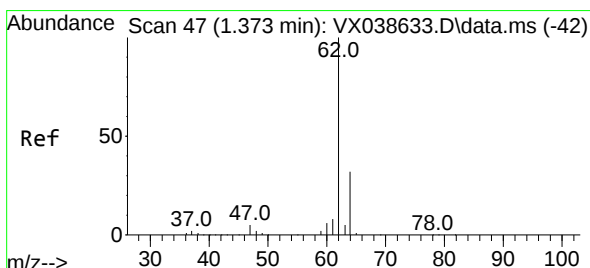
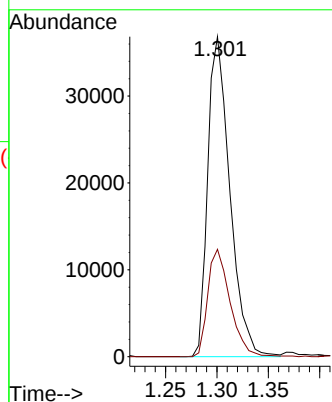
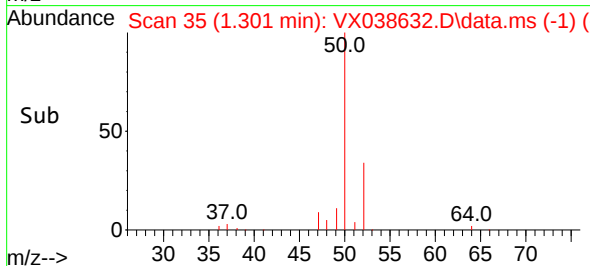
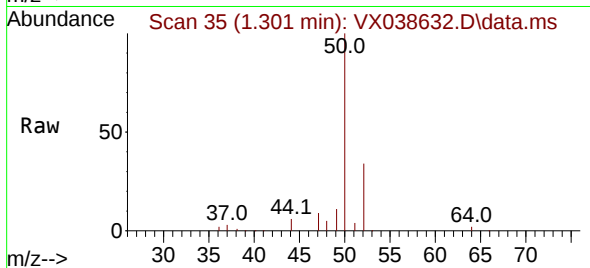
#3
Chloromethane
Concen: 18.933 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 55198
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

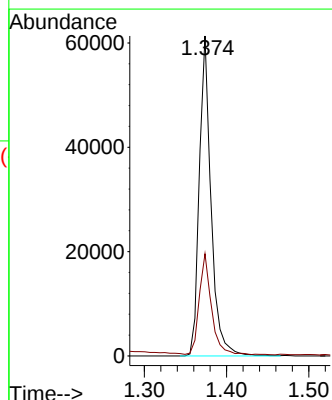
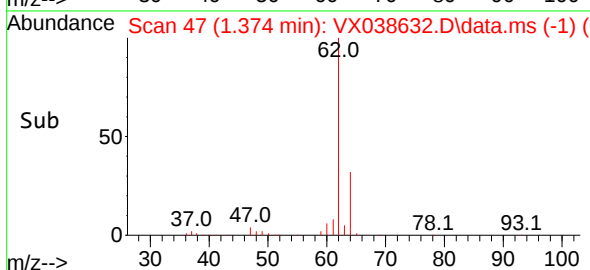
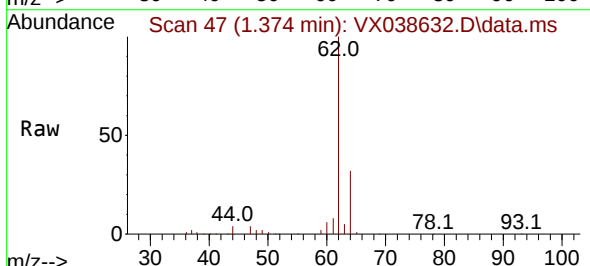
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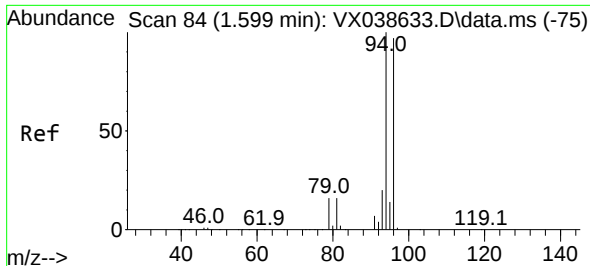
Reviewed By :John Carlone 11/08/2023
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#4
Vinyl Chloride
Concen: 19.628 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

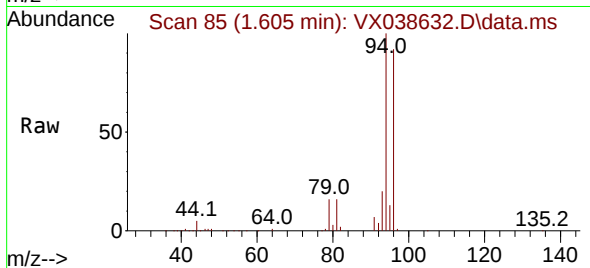
Tgt Ion: 62 Resp: 60920
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
Bromomethane
Concen: 22.494 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

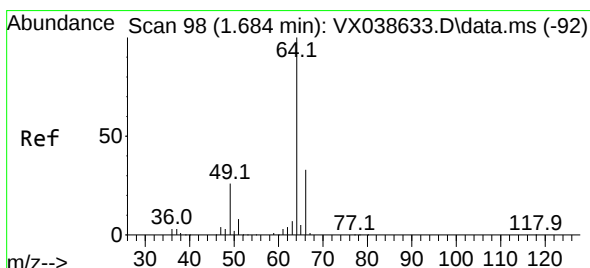
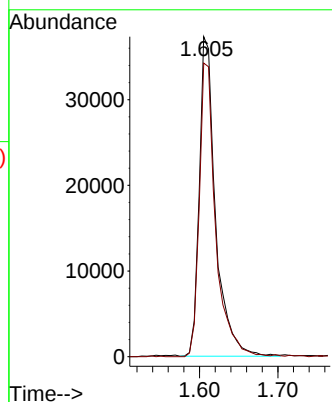
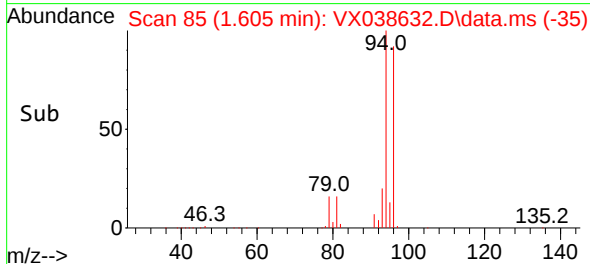
Instrument :
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Tgt Ion: 94 Resp: 5388
Ion Ratio Lower Upper
94 100
96 91.9 74.6 111.8

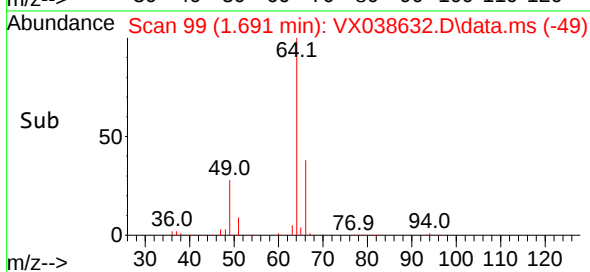
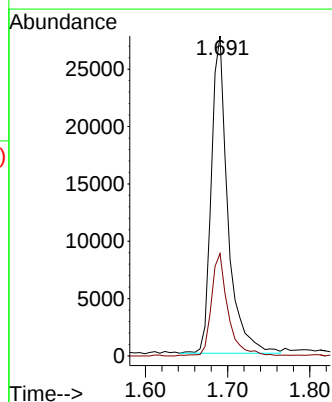
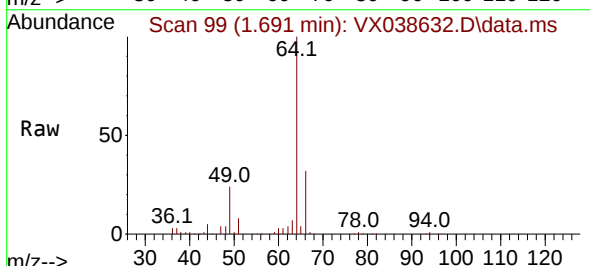
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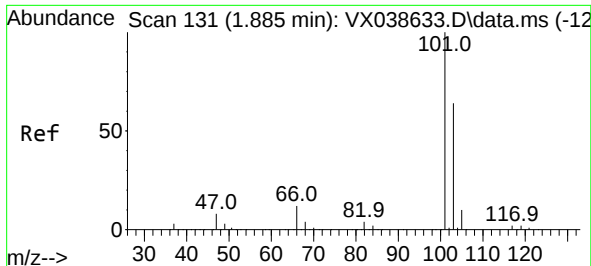
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#6
Chloroethane
Concen: 19.711 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 64 Resp: 38735
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





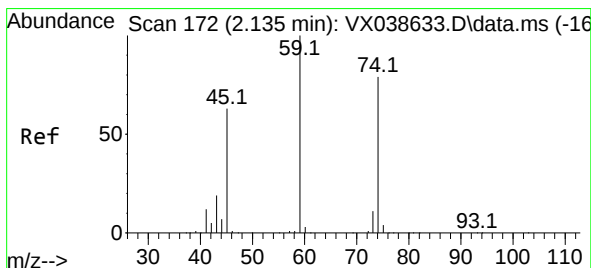
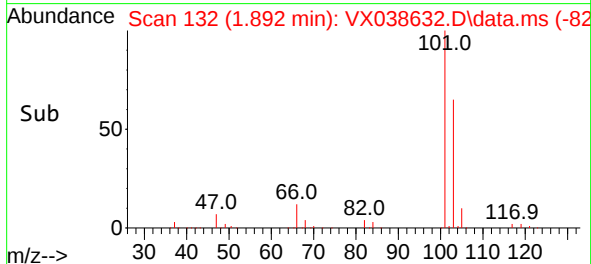
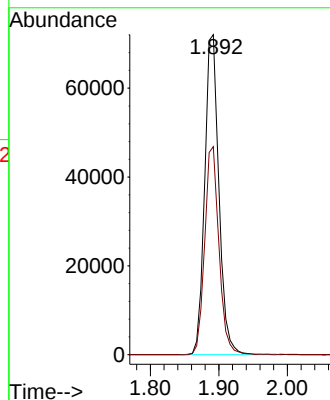
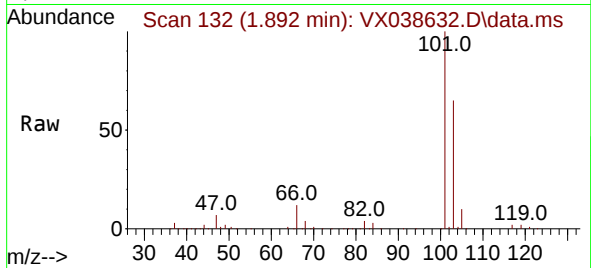
#7
Trichlorofluoromethane
Concen: 19.457 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 104110
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2

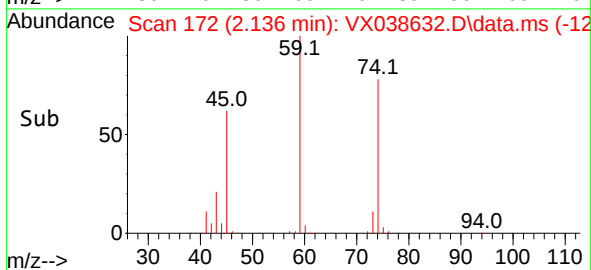
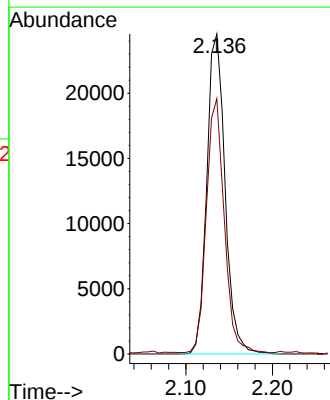
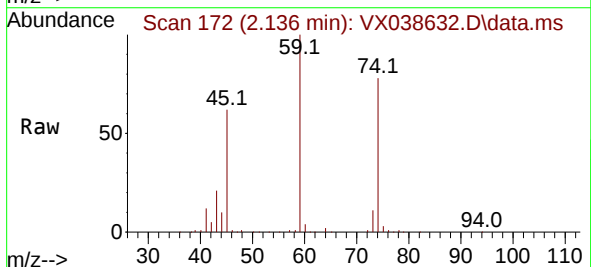
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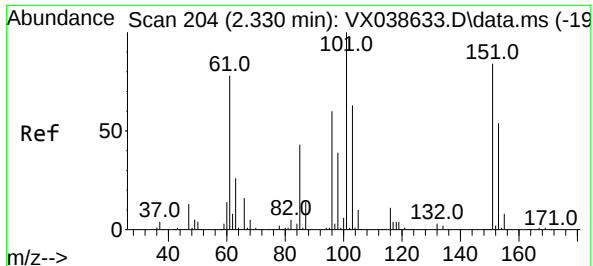
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#8
Diethyl Ether
Concen: 19.548 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 74 Resp: 35906
Ion Ratio Lower Upper
74 100
45 77.7 53.3 159.8





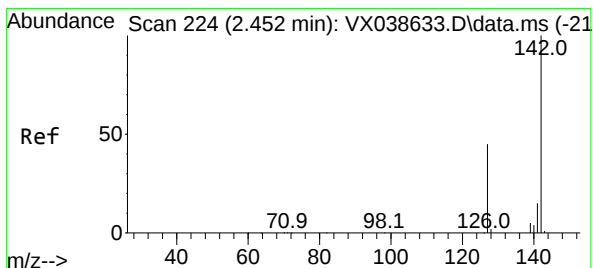
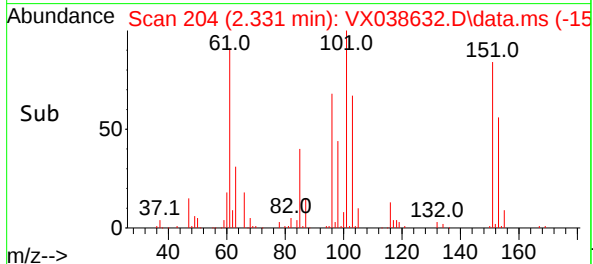
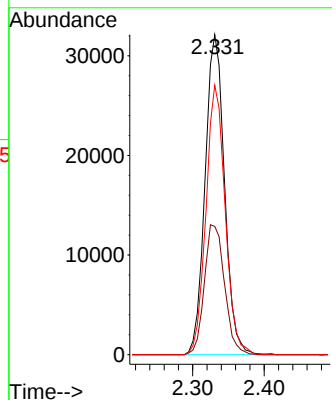
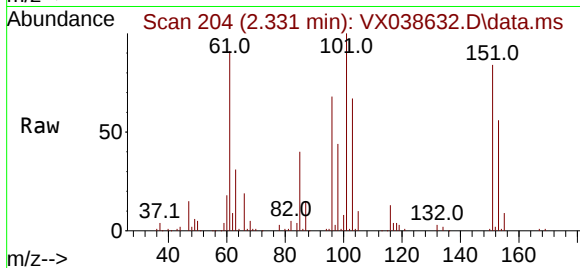
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.135 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 60540
Ion Ratio Lower Upper
101 100
85 42.1 37.0 55.6
151 83.6 58.6 87.8

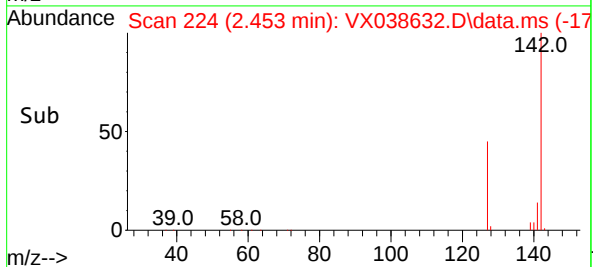
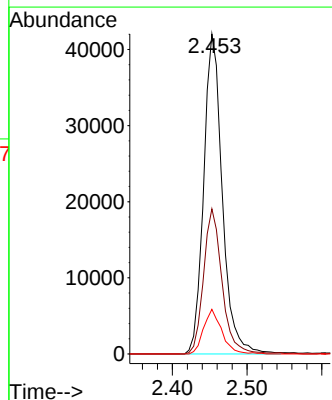
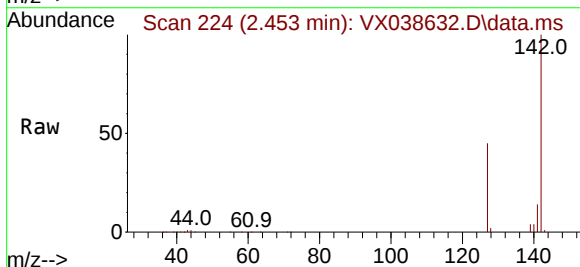
Manual Integrations
APPROVED

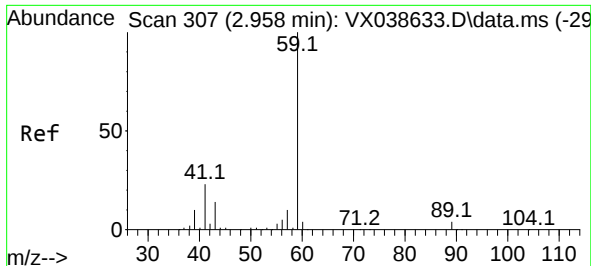
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 18.613 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

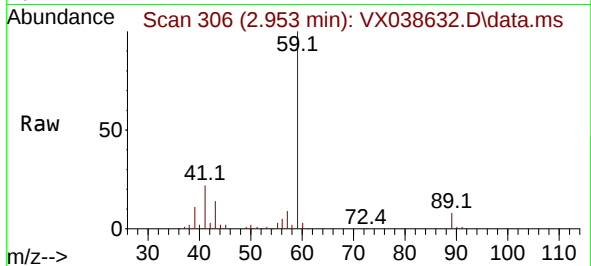
Tgt Ion:142 Resp: 72727
Ion Ratio Lower Upper
142 100
127 44.9 41.6 62.4
141 13.7 11.6 17.4





#11
Tert butyl alcohol
Concen: 88.080 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

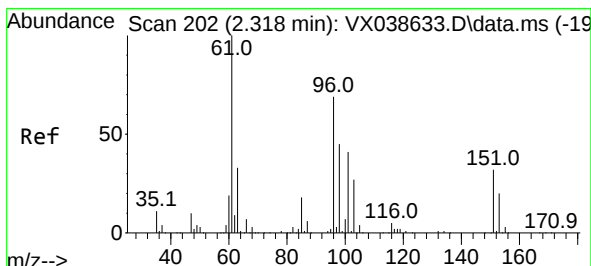
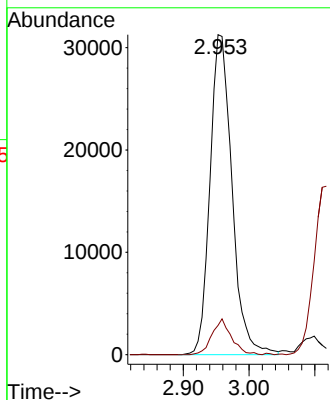
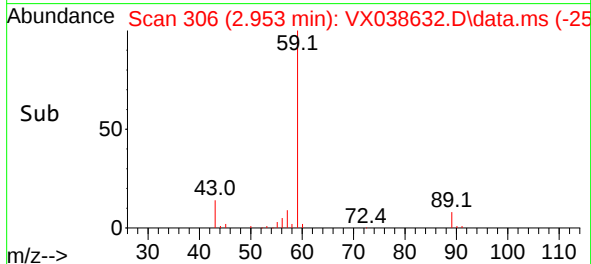
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



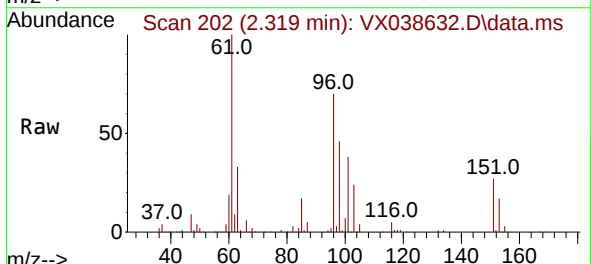
Tgt Ion: 59 Resp: 72810
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

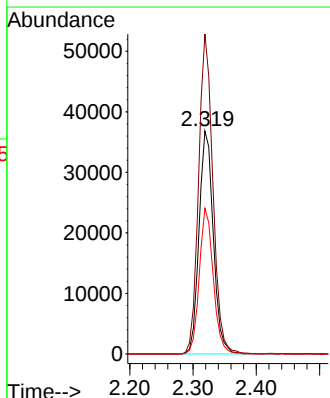
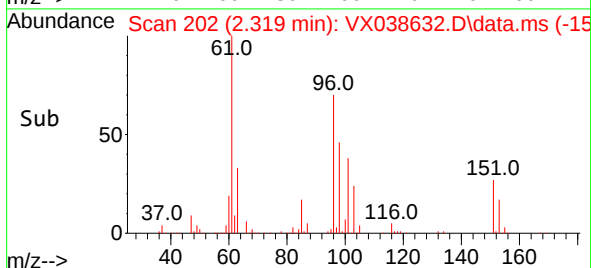
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

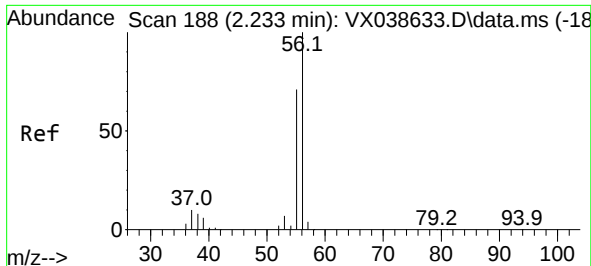


#12
1,1-Dichloroethene
Concen: 19.177 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



Tgt Ion: 96 Resp: 58128
Ion Ratio Lower Upper
96 100
61 143.5 144.6 216.8#
98 65.3 50.4 75.6





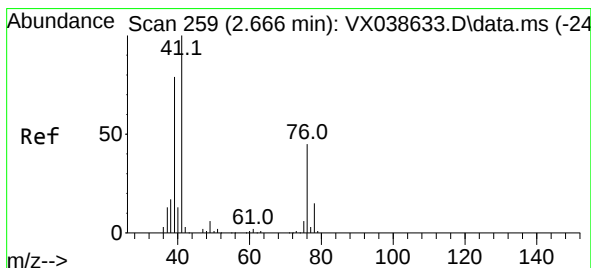
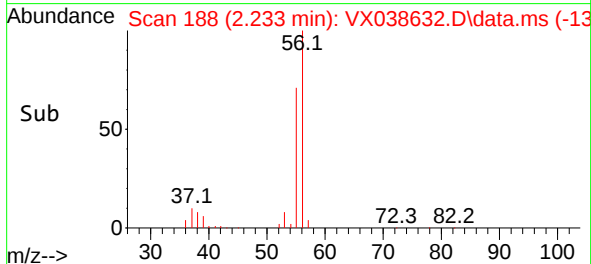
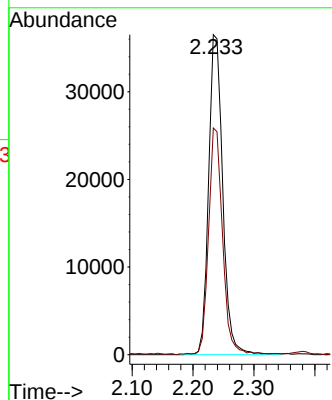
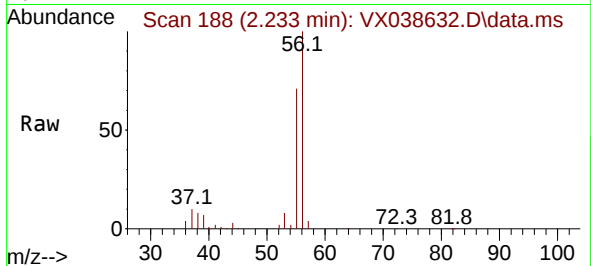
#13
Acrolein
Concen: 93.842 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 58794
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

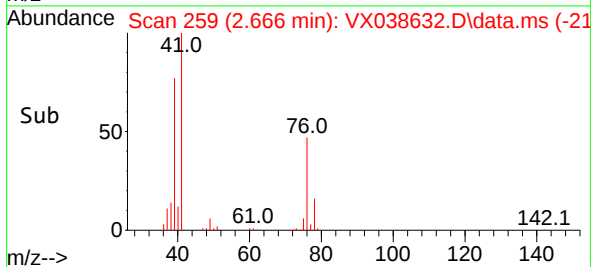
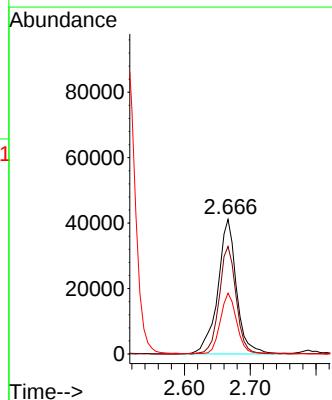
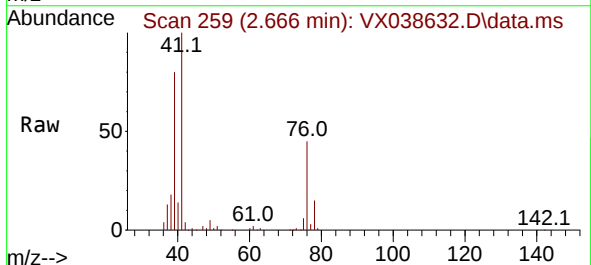
Manual Integrations
APPROVED

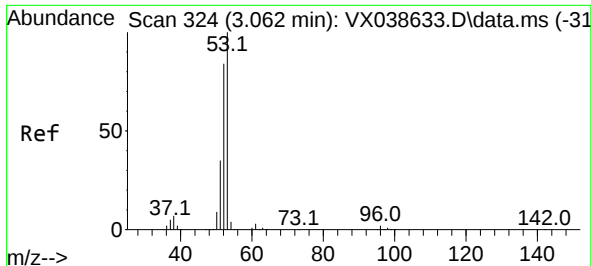
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 18.772 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

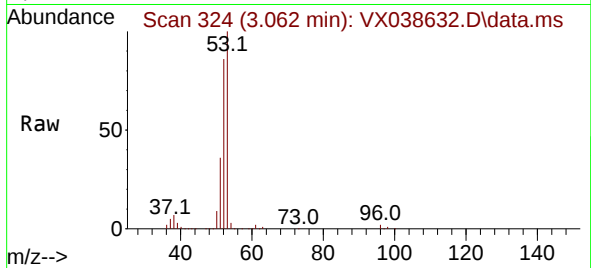
Tgt Ion: 41 Resp: 81501
Ion Ratio Lower Upper
41 100
39 72.4 55.8 83.6
76 39.8 24.3 36.5





#15
Acrylonitrile
Concen: 96.320 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

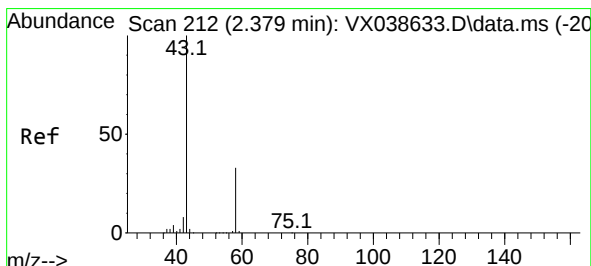
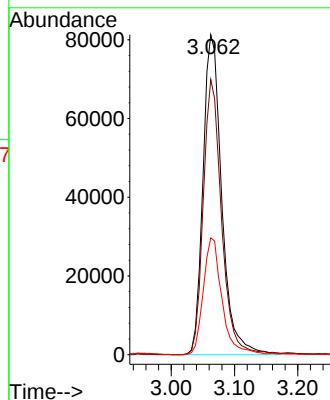
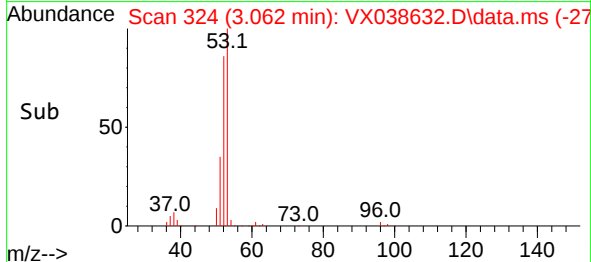
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 16803
Ion Ratio Lower Upper
53 100
52 83.8 66.0 99.0
51 36.3 29.8 44.6

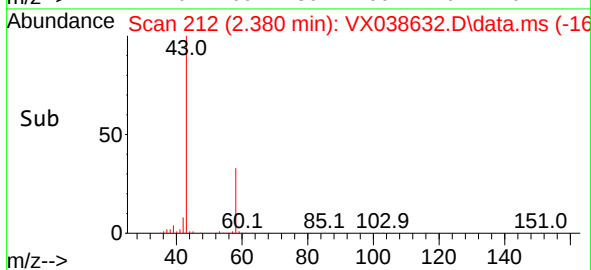
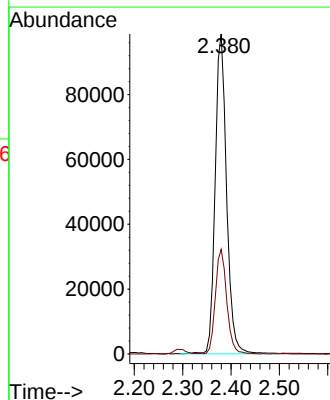
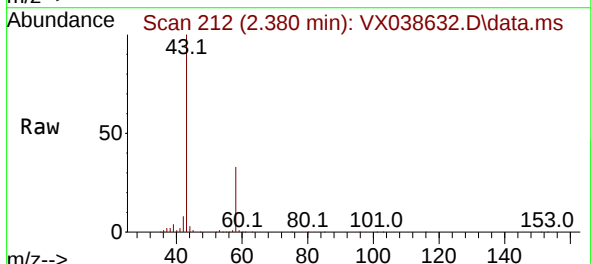
Manual Integrations
APPROVED

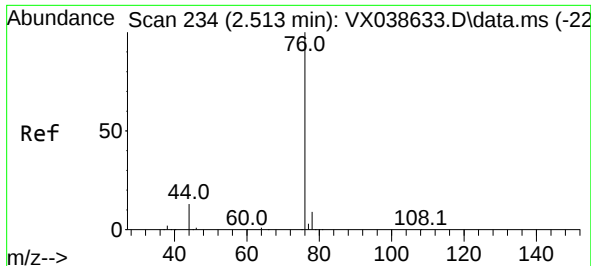
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 94.417 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

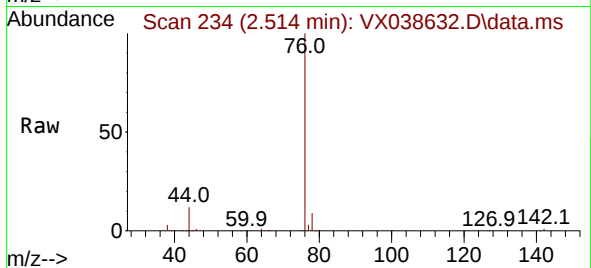
Tgt Ion: 43 Resp: 160791
Ion Ratio Lower Upper
43 100
58 32.6 21.9 32.9





#17
Carbon Disulfide
Concen: 19.455 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

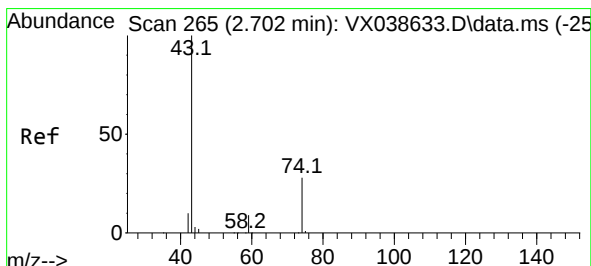
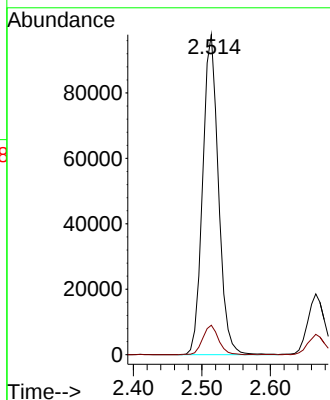
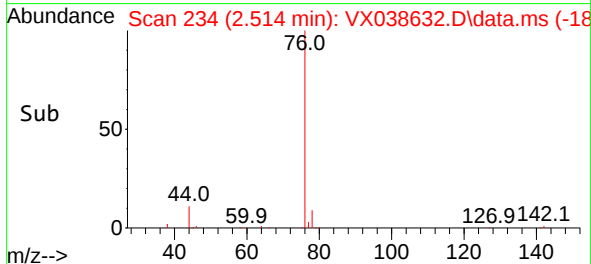
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 15669
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

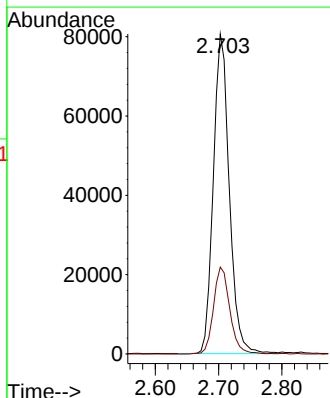
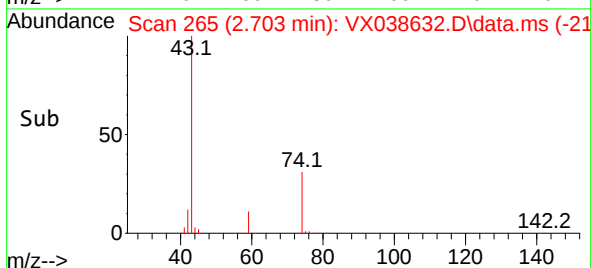
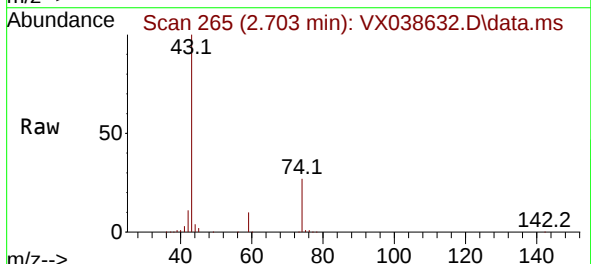
Manual Integrations
APPROVED

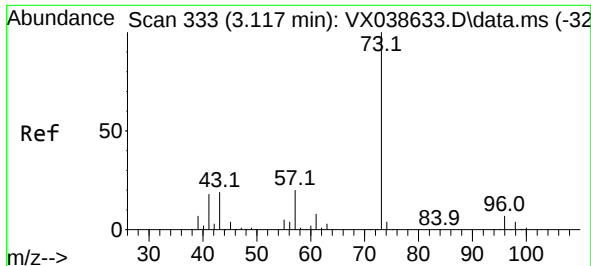
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#18
Methyl Acetate
Concen: 19.435 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 43 Resp: 141012
Ion Ratio Lower Upper
43 100
74 27.7 17.8 26.8#





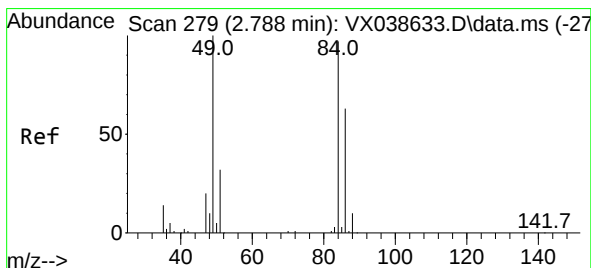
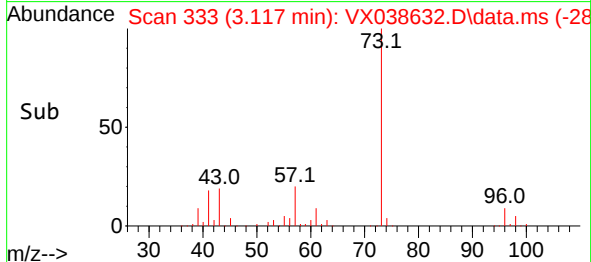
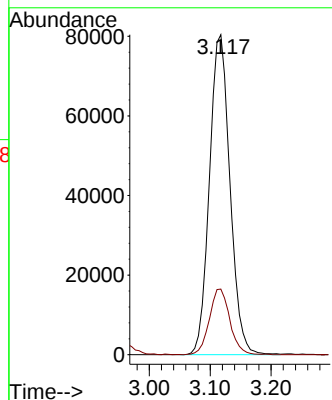
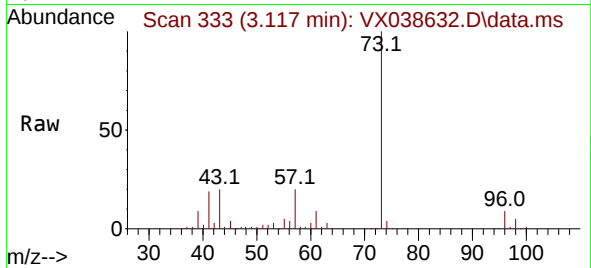
#19
Methyl tert-butyl Ether
Concen: 19.402 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 73 Resp: 18806
Ion Ratio Lower Upper
73 100
57 20.5 17.3 25.9

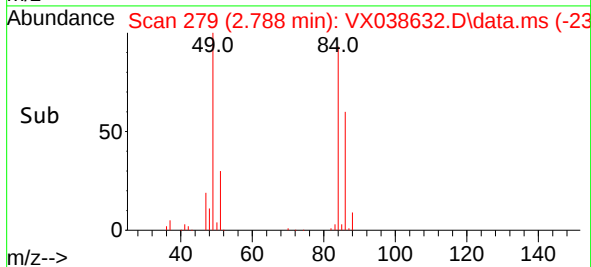
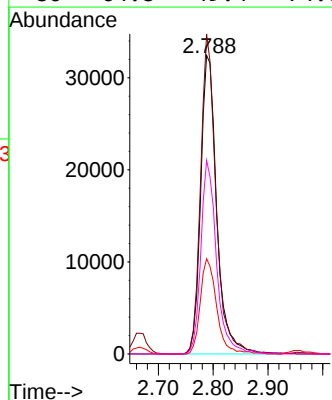
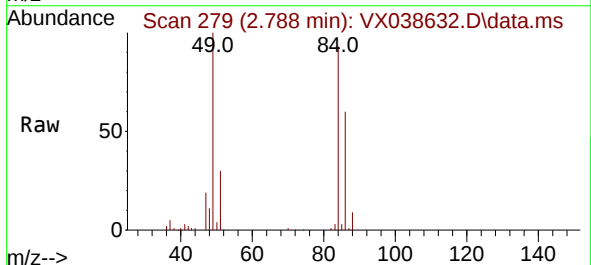
Manual Integrations
APPROVED

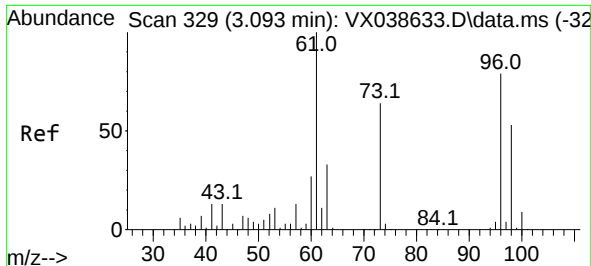
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 19.319 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

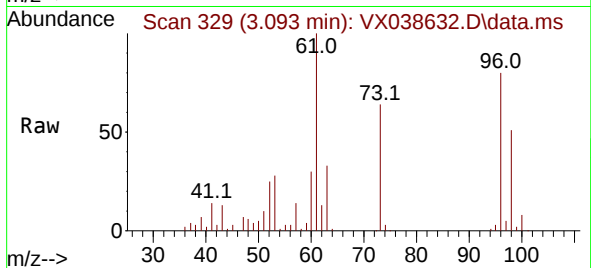
Tgt Ion: 84 Resp: 66324
Ion Ratio Lower Upper
84 100
49 107.2 103.6 155.4
51 31.9 33.8 50.6#
86 64.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 19.379 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

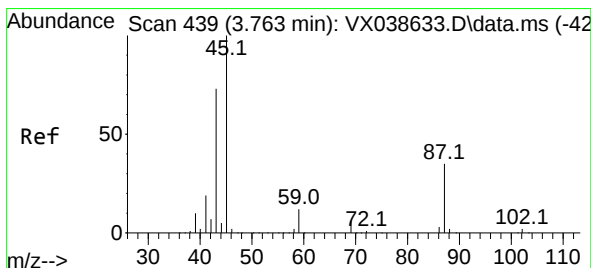
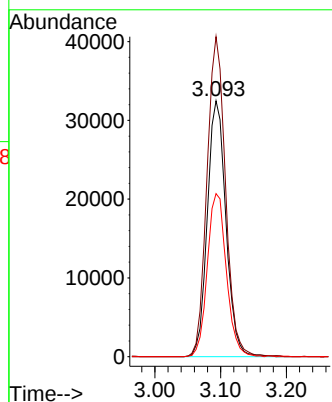
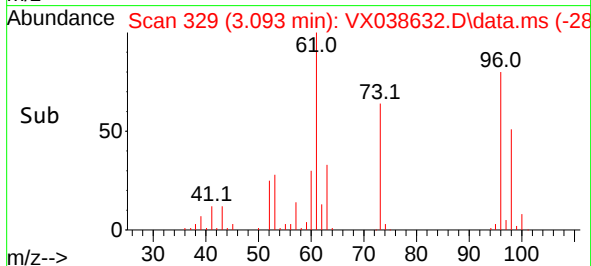
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



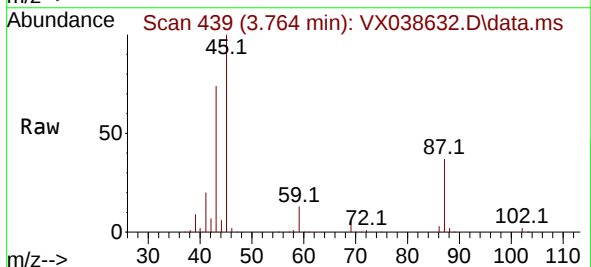
Tgt Ion: 96 Resp: 6395
Ion Ratio Lower Upper
96 100
61 125.1 119.2 178.8
98 63.7 48.7 73.1

Manual Integrations
APPROVED

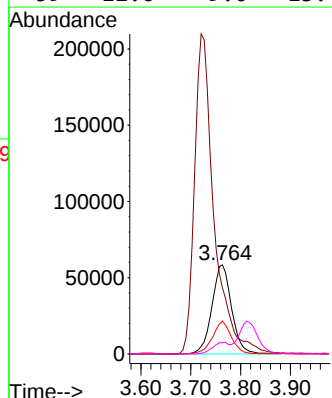
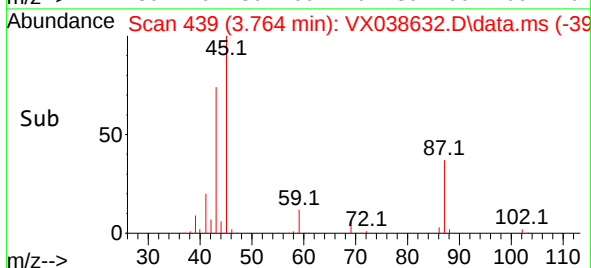
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

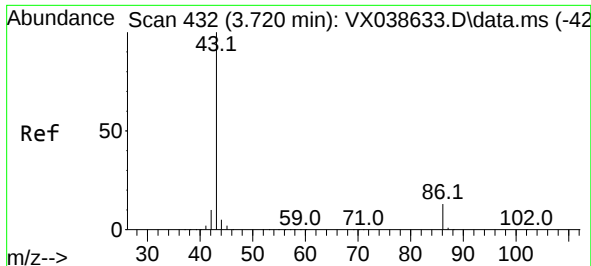


#22
Diisopropyl ether
Concen: 19.583 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



Tgt Ion: 45 Resp: 160241
Ion Ratio Lower Upper
45 100
43 73.2 69.7 104.5
87 36.9 20.8 31.2#
59 12.6 9.0 13.4





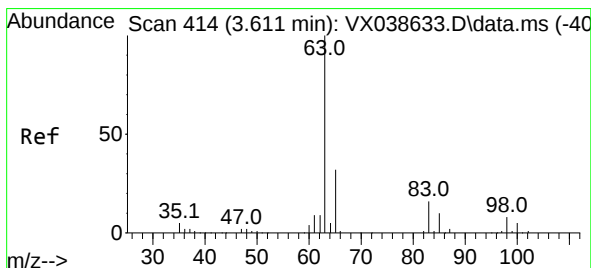
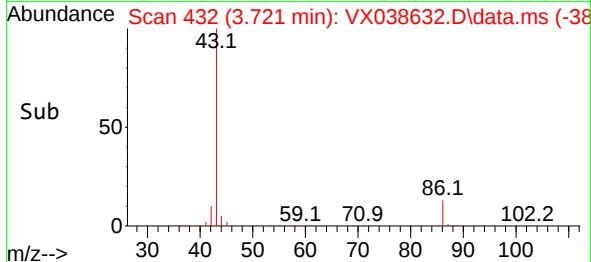
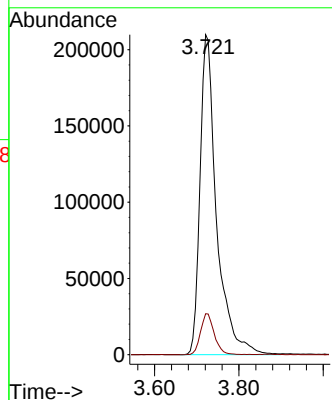
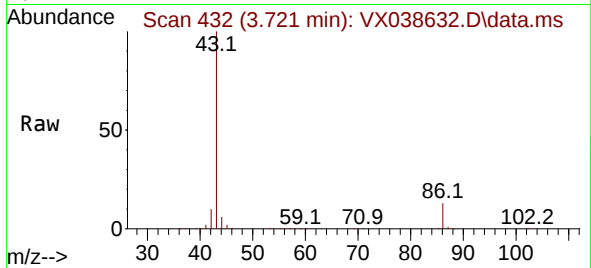
#23
 Vinyl Acetate
 Concen: 98.557 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038632.D
 Acq: 07 Nov 2023 14:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Tgt Ion: 43 Resp: 572420
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.8 11.8

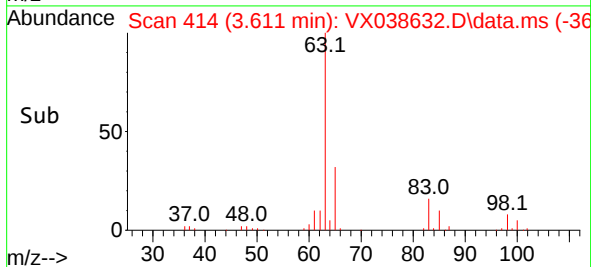
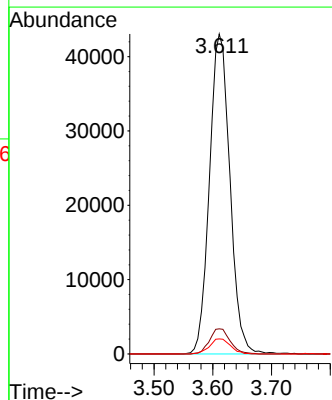
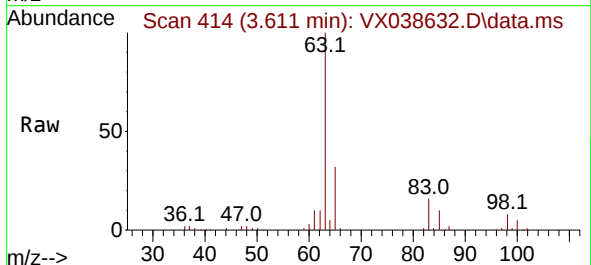
Manual Integrations
 APPROVED

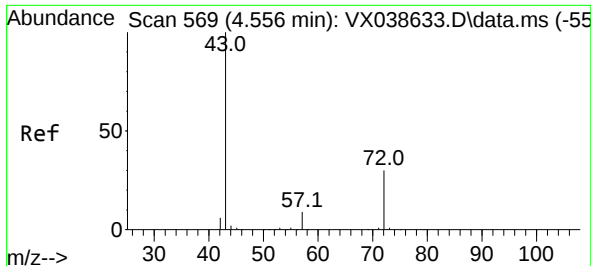
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 19.239 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038632.D
 Acq: 07 Nov 2023 14:22

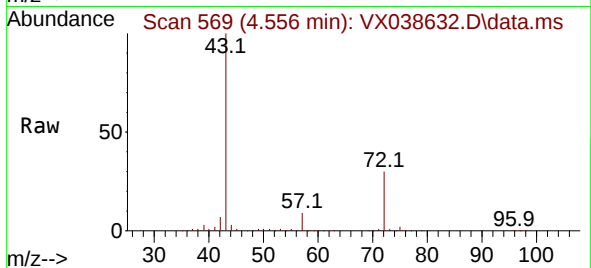
Tgt Ion: 63 Resp: 104156
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.3 9.8
 100 4.7 2.1 6.5





#25
2-Butanone
Concen: 95.609 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

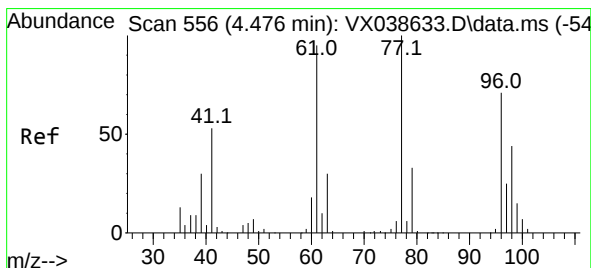
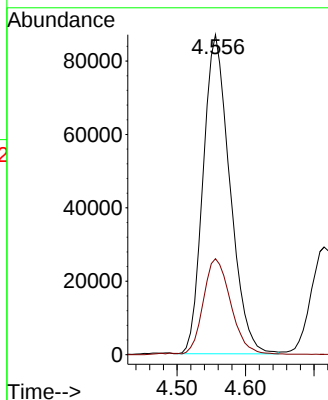
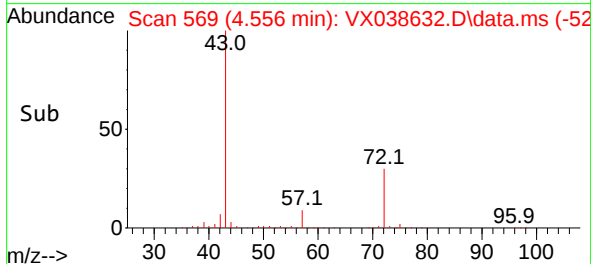
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



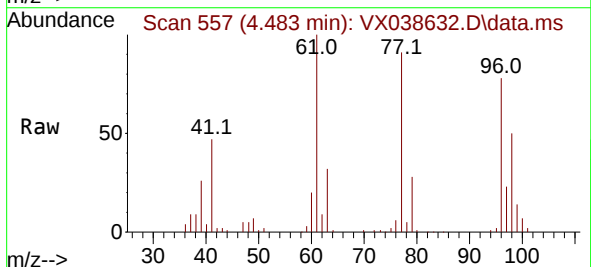
Tgt Ion: 43 Resp: 235860
Ion Ratio Lower Upper
43 100
72 29.8 19.4 29.2

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APPROVED

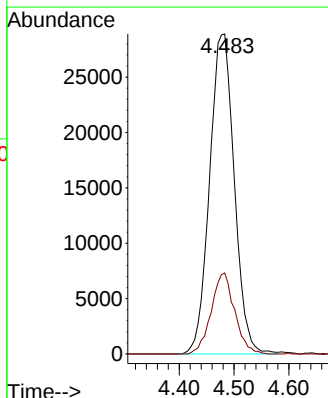
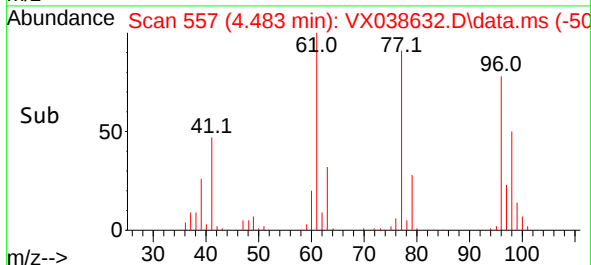
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

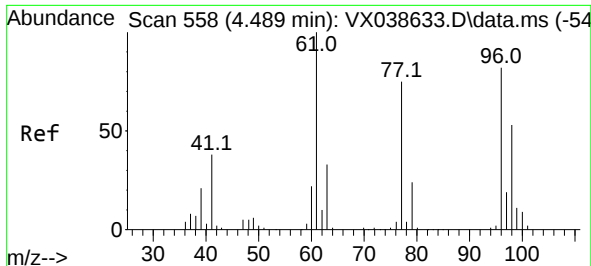


#26
2,2-Dichloropropane
Concen: 19.116 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



Tgt Ion: 77 Resp: 90360
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.356 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 73760

Ion Ratio Lower Upper

96 100

61 129.4 0.0 312.2

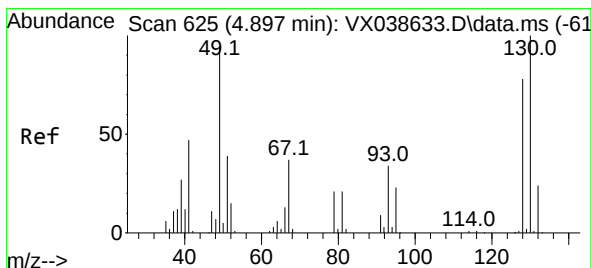
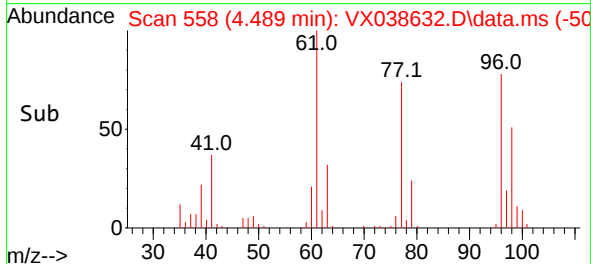
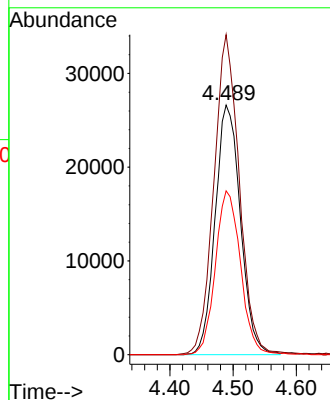
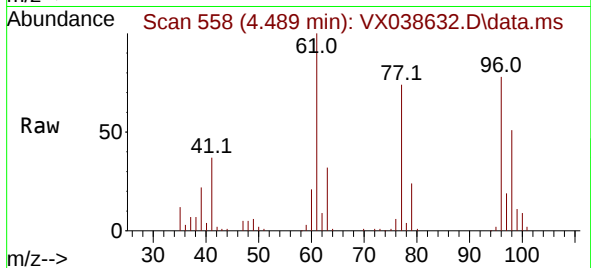
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#28

Bromochloromethane

Concen: 21.120 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

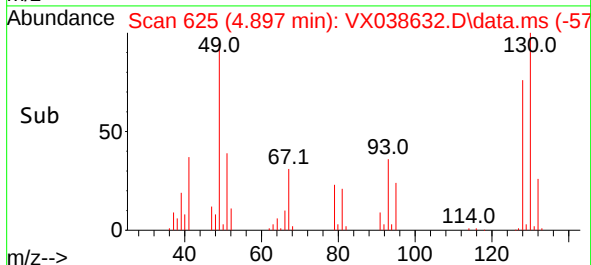
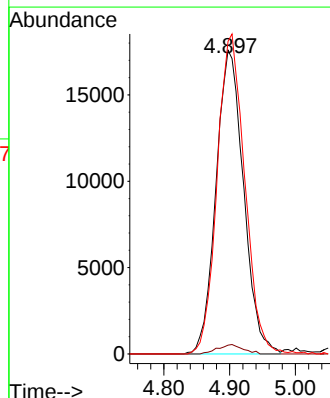
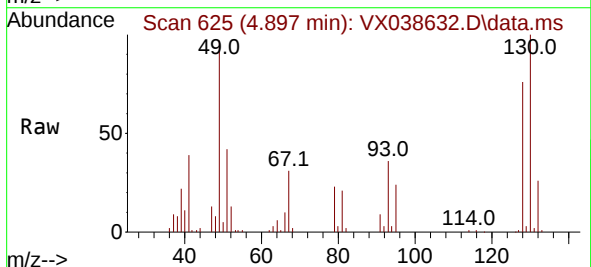
Tgt Ion: 49 Resp: 51384

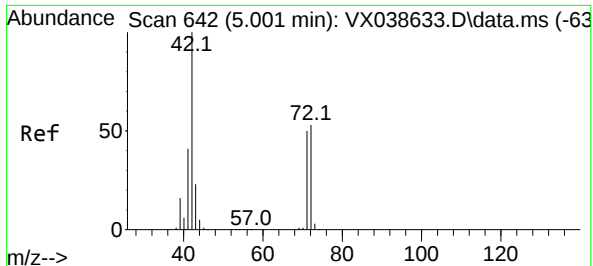
Ion Ratio Lower Upper

49 100

129 2.8 0.0 3.8

130 104.9 57.5 86.3#





#29

Tetrahydrofuran

Concen: 96.608 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 148284

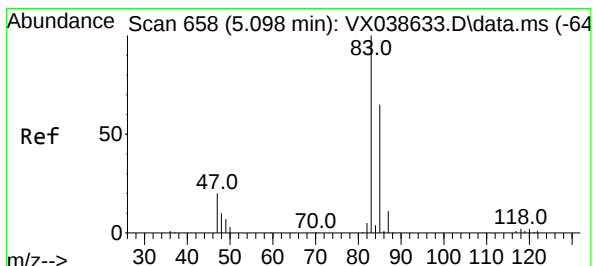
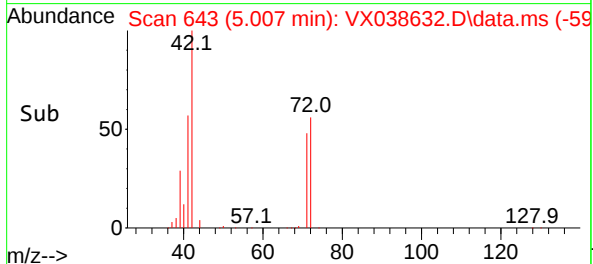
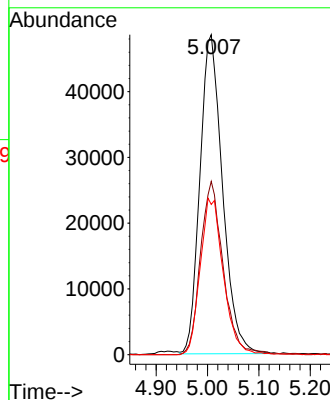
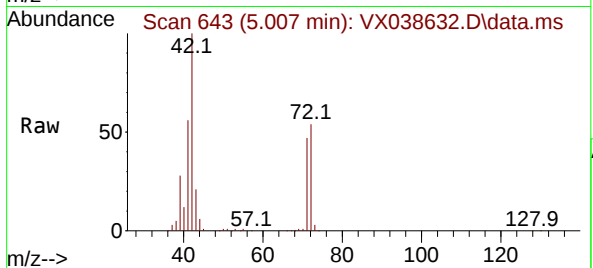
Ion	Ratio	Lower	Upper
42	100		
72	54.7	34.2	51.4
71	50.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 19.049 ug/l

RT: 5.099 min Scan# 658

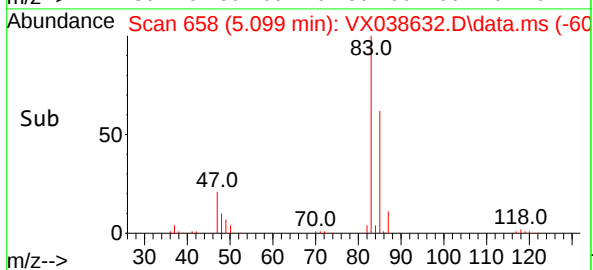
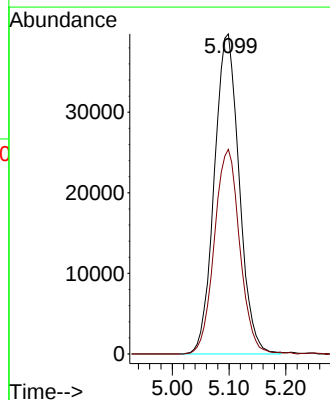
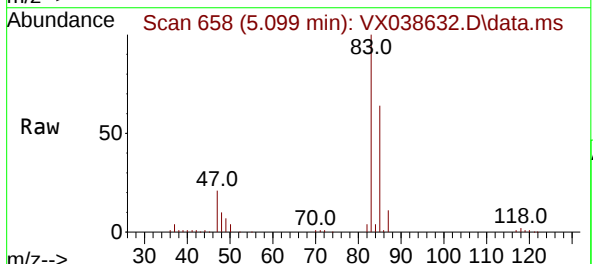
Delta R.T. 0.000 min

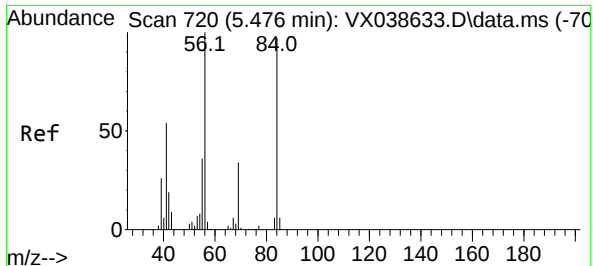
Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion: 83 Resp: 120997

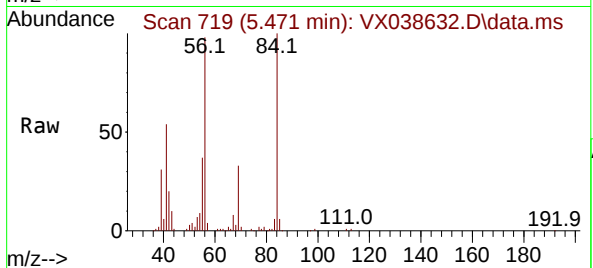
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.3	75.5





#31
Cyclohexane
Concen: 18.971 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

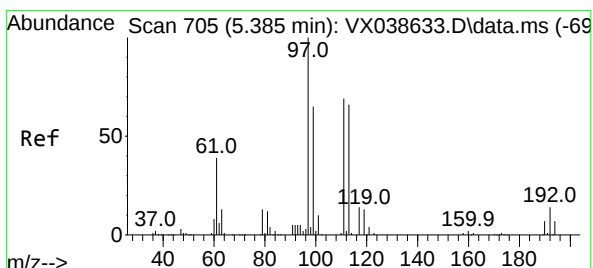
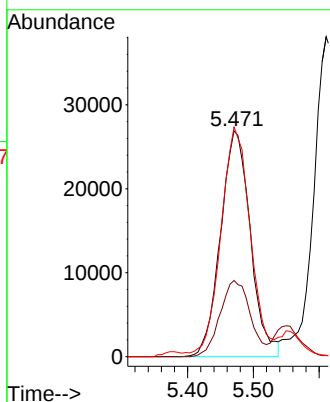
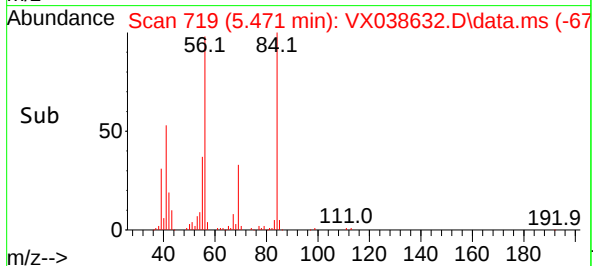
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 84900
Ion Ratio Lower Upper
56 100
69 33.7 23.4 35.2
84 99.7 65.9 98.9

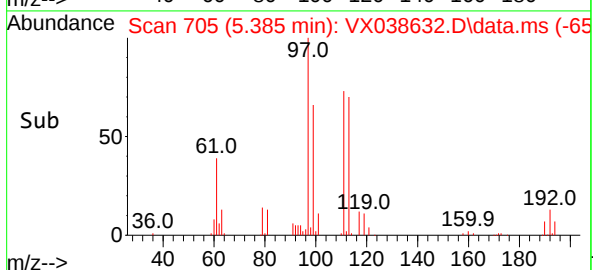
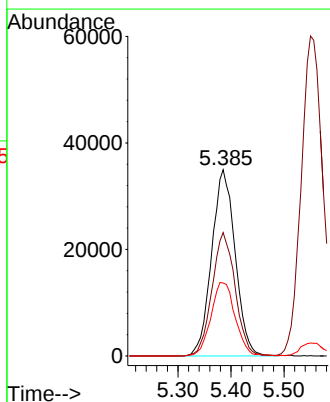
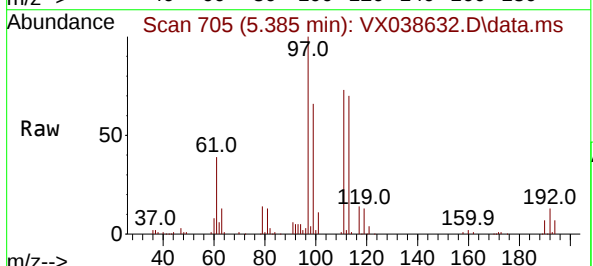
Manual Integrations
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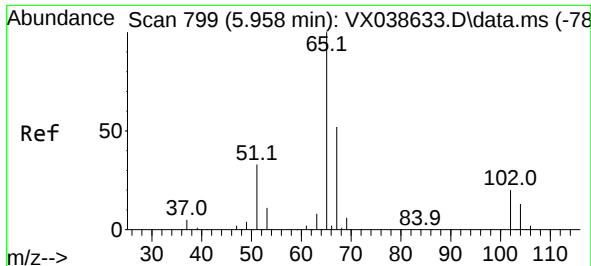
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#32
1,1,1-Trichloroethane
Concen: 19.233 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 97 Resp: 107515
Ion Ratio Lower Upper
97 100
99 65.1 51.1 76.7
61 40.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 20.427 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 8260

Ion Ratio Lower Upper

65 100

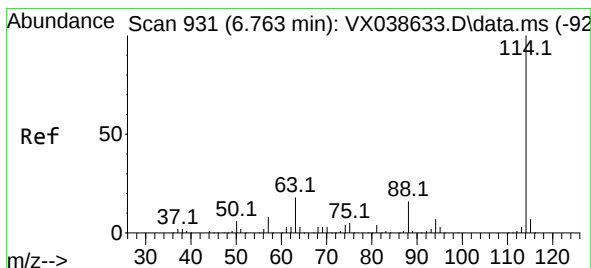
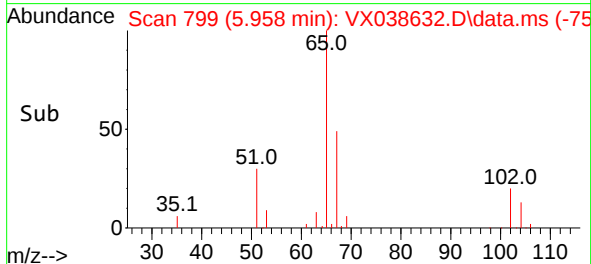
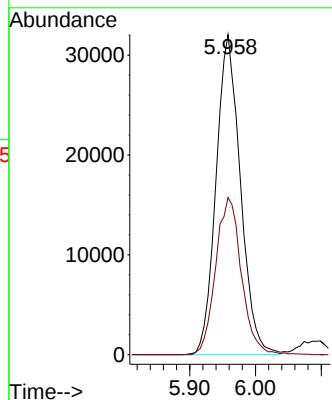
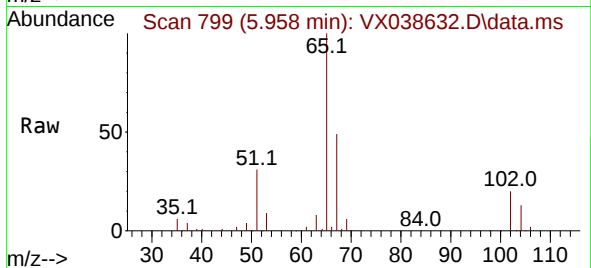
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

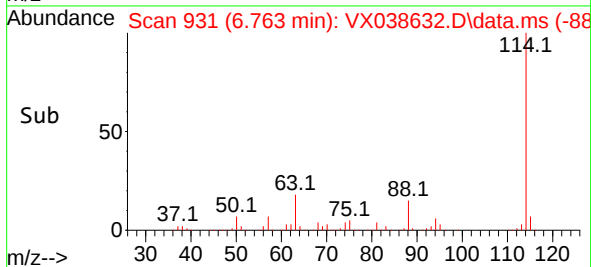
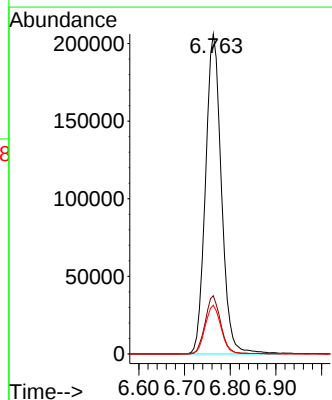
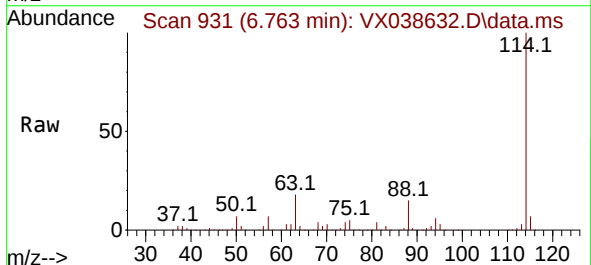
Tgt Ion:114 Resp: 498212

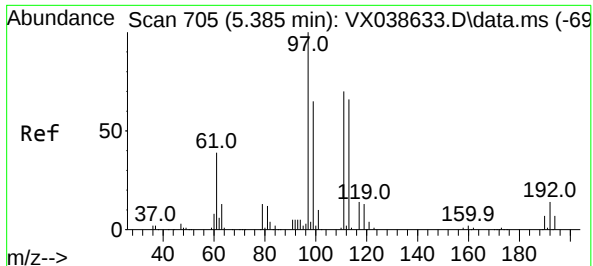
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 20.077 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

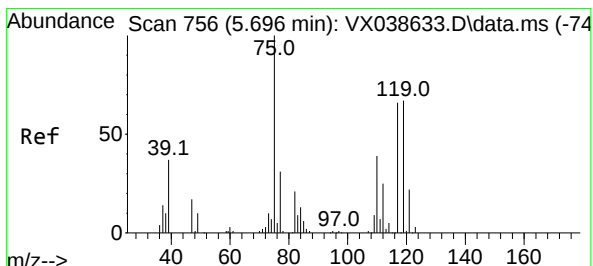
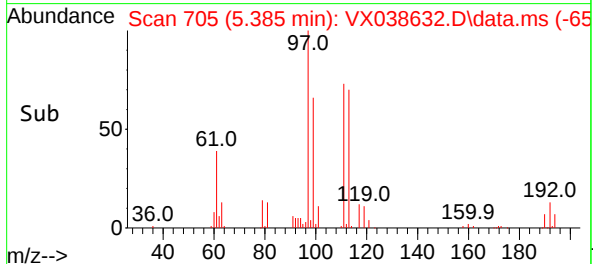
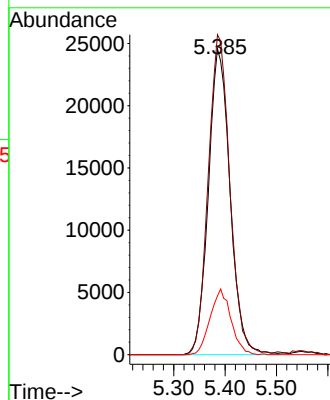
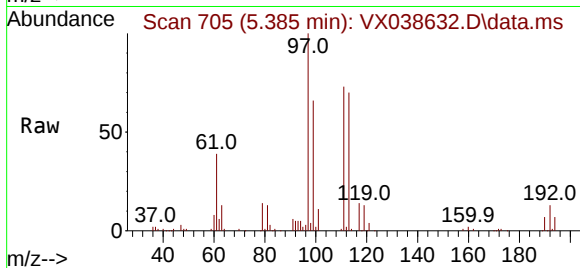
Tgt Ion:	113	Resp:	7204
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	20.6	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 18.825 ug/l

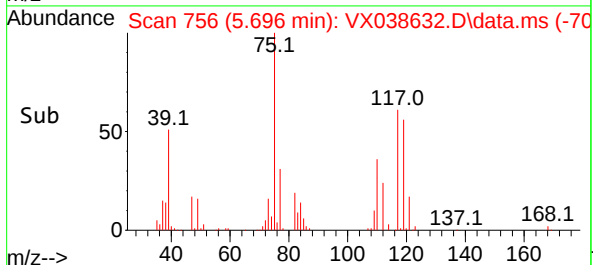
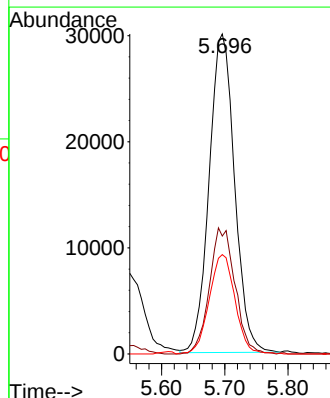
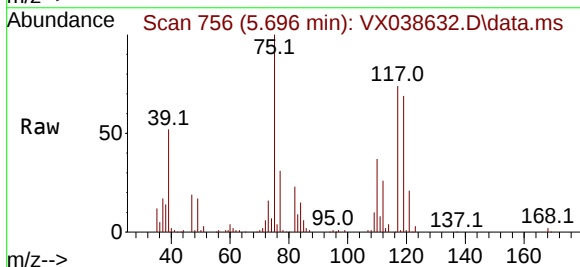
RT: 5.696 min Scan# 756

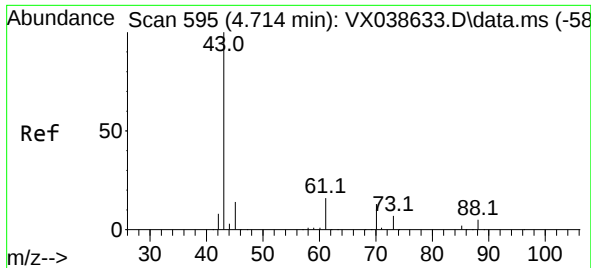
Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion:	75	Resp:	83909
Ion	Ratio	Lower	Upper
75	100		
110	39.8	17.0	50.9
77	31.7	24.7	37.1





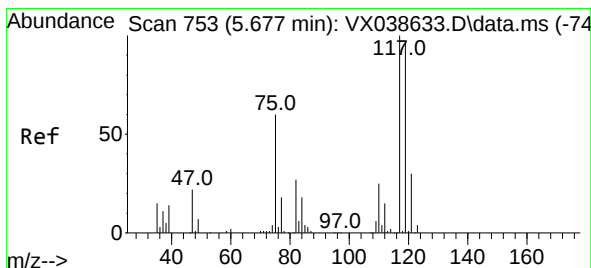
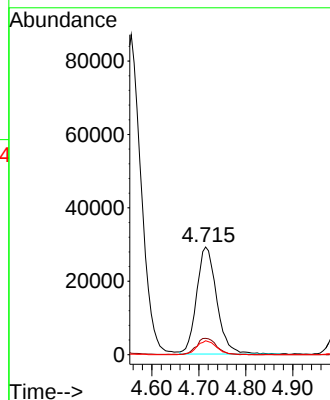
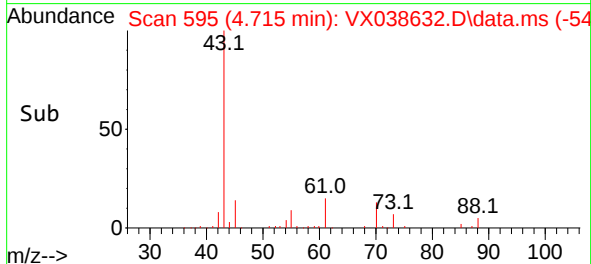
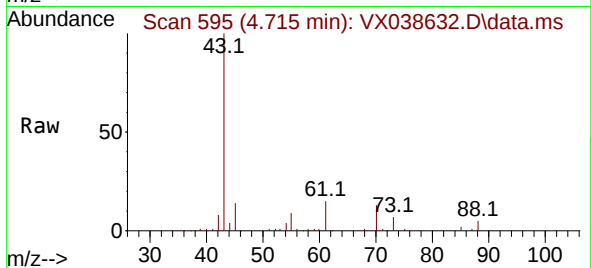
#37
Ethyl Acetate
Concen: 19.115 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 86988
Ion Ratio Lower Upper
43 100
61 15.3 10.6 16.0
70 13.0 8.3 12.5

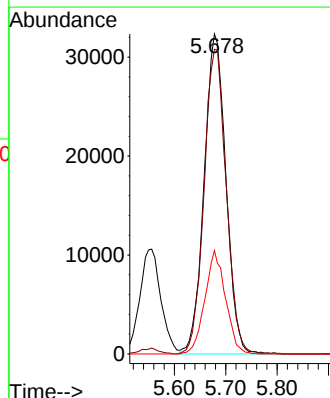
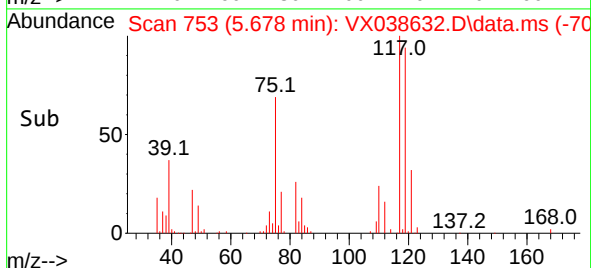
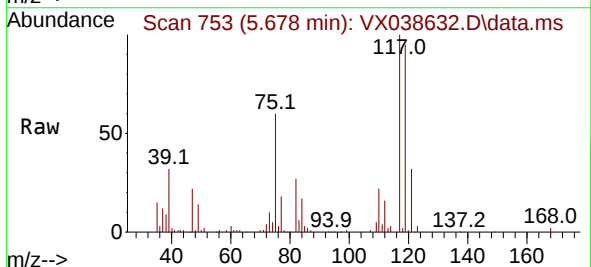
Manual Integrations
APPROVED

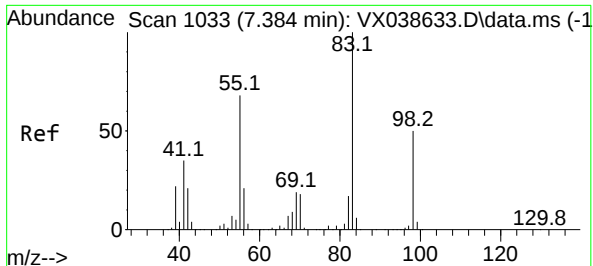
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 19.112 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:117 Resp: 95232
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.2
121 32.3 24.4 36.6





#39

Methylcyclohexane

Concen: 18.624 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 10378

Ion Ratio Lower Upper

83 100

55 68.3 64.6 97.0

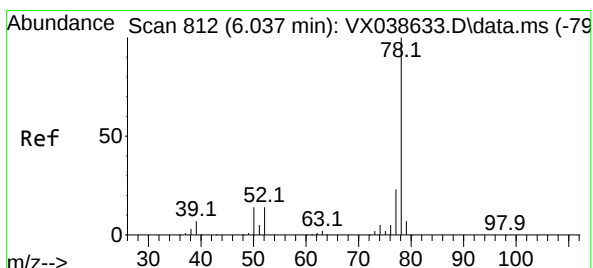
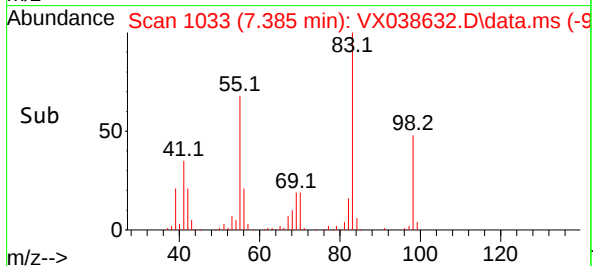
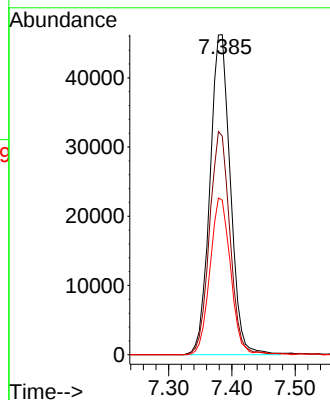
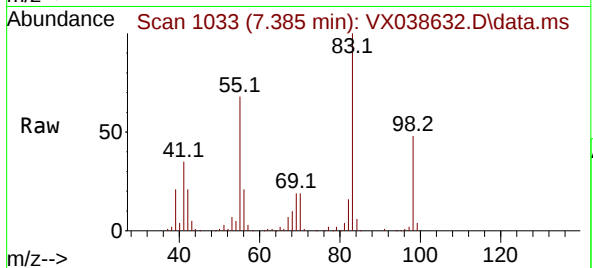
98 48.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 19.356 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038632.D

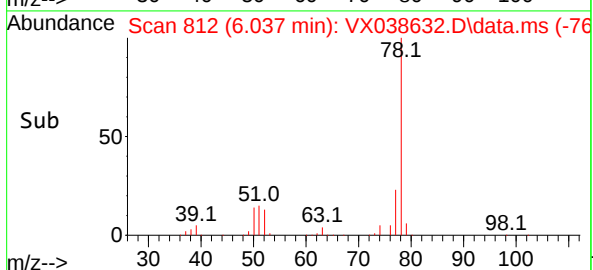
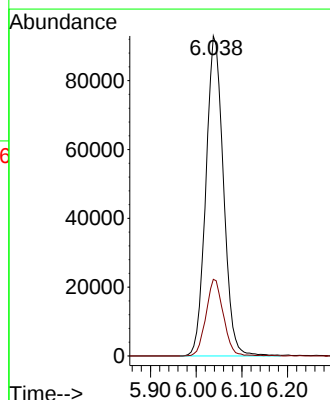
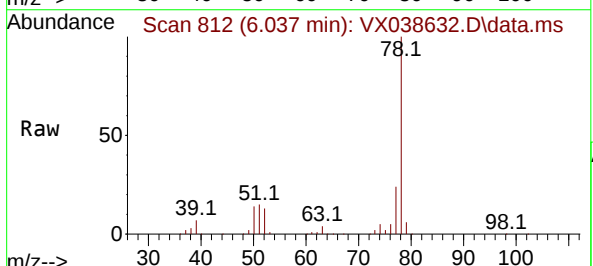
Acq: 07 Nov 2023 14:22

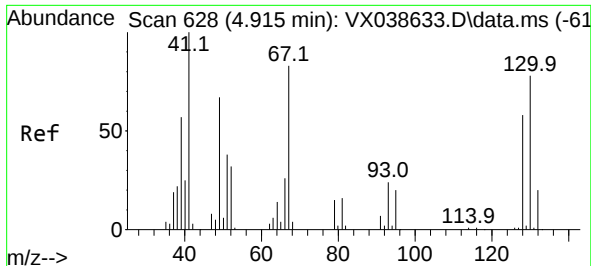
Tgt Ion: 78 Resp: 248504

Ion Ratio Lower Upper

78 100

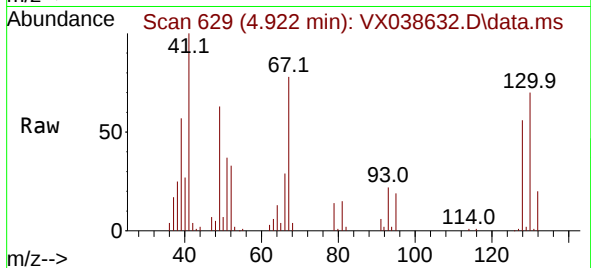
77 24.0 19.3 28.9





#41
Methacrylonitrile
Concen: 18.898 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

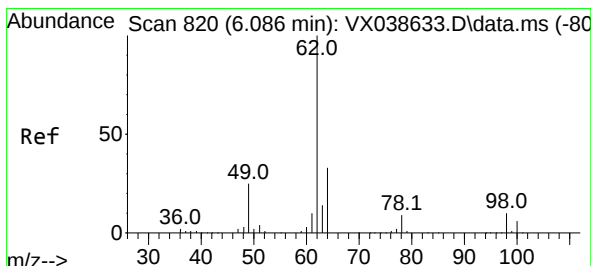
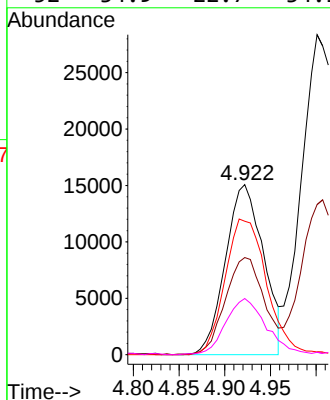
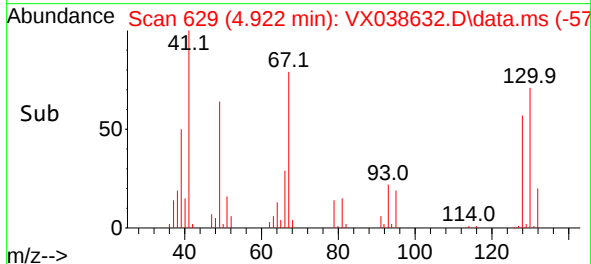
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 41 Resp: 43810
Ion Ratio Lower Upper
41 100
39 57.3 45.2 67.8
67 87.0 52.6 78.8
52 34.9 22.7 34.1#

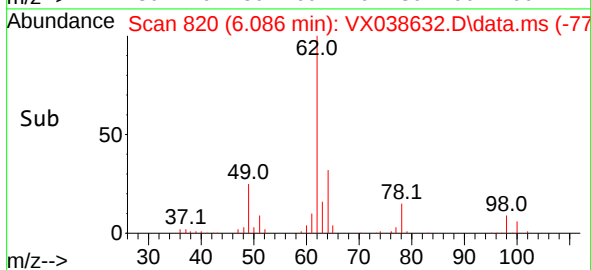
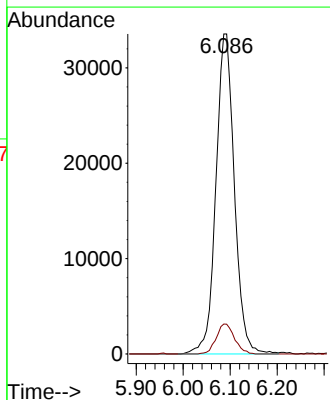
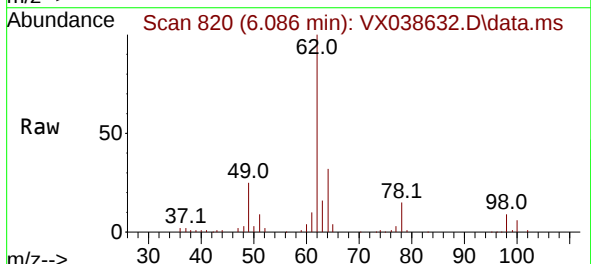
Manual Integrations
APPROVED

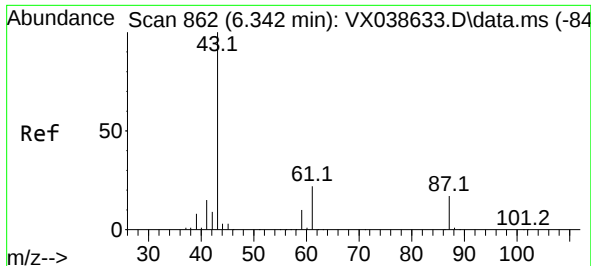
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 19.824 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 62 Resp: 91833
Ion Ratio Lower Upper
62 100
98 9.2 0.0 16.0





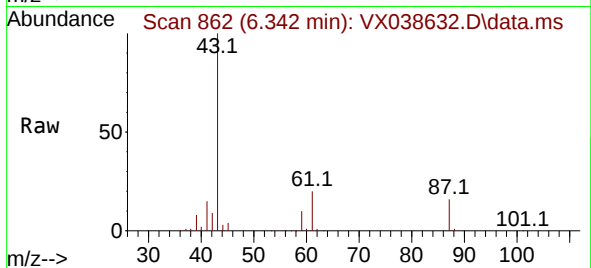
#43
Isopropyl Acetate
Concen: 18.825 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020



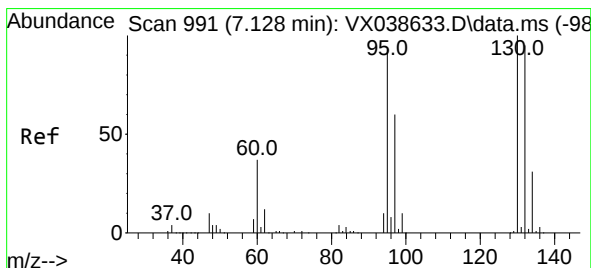
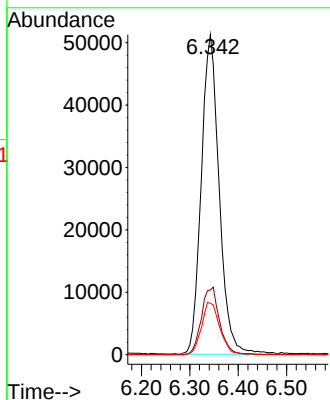
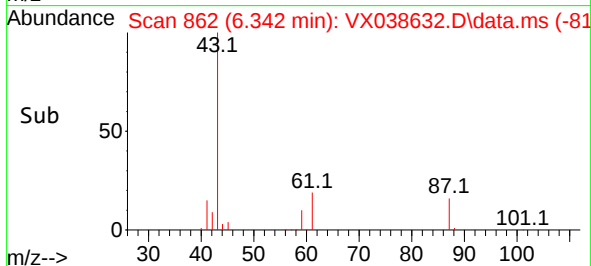
Tgt Ion: 43 Resp: 131709
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 16.7 9.8 14.6

Manual Integrations

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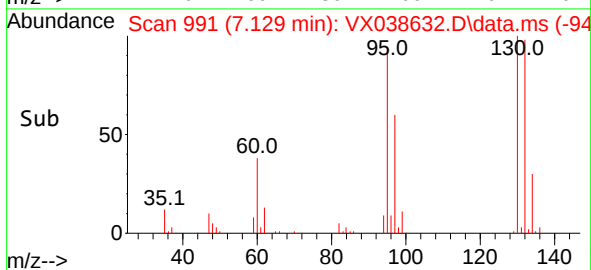
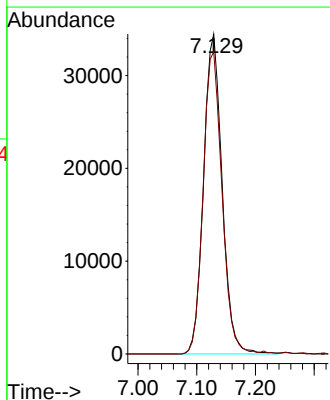
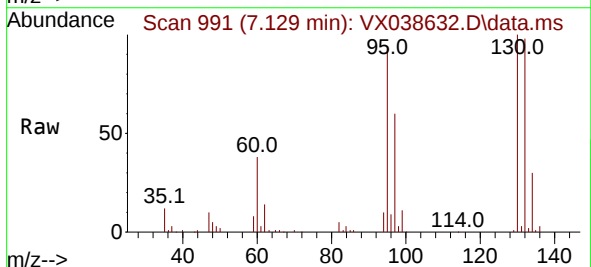
Reviewed By :John Carlone 11/08/2023

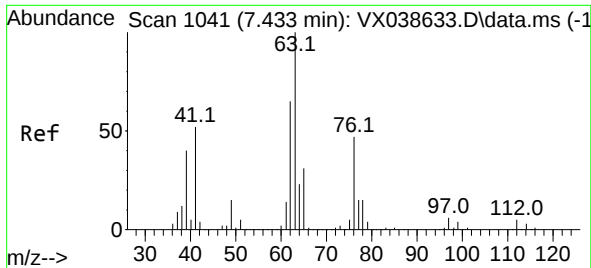
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 18.928 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:130 Resp: 75607
Ion Ratio Lower Upper
130 100
95 94.5 0.0 204.4





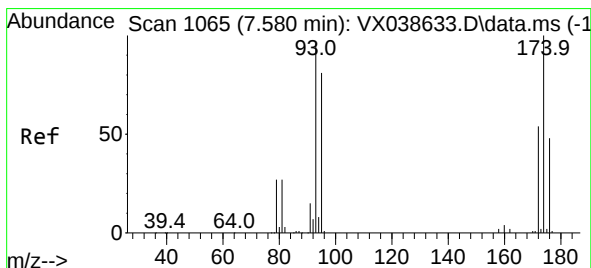
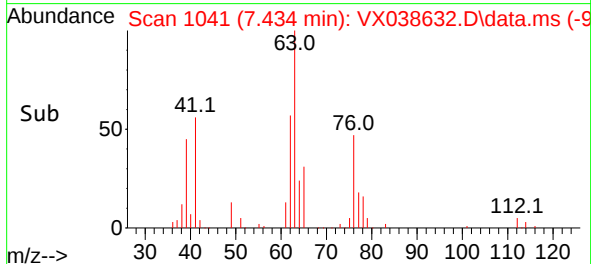
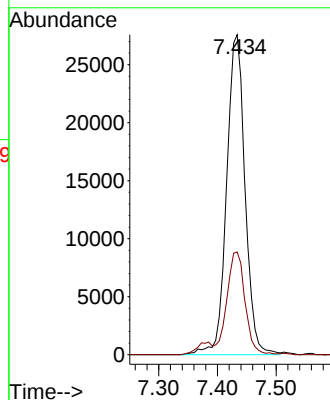
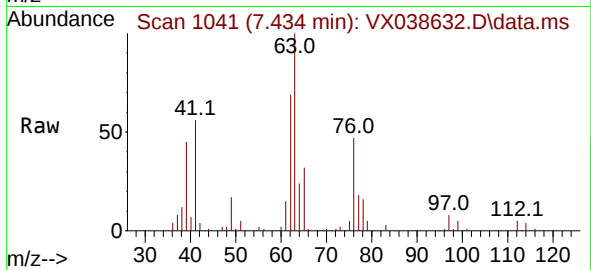
#45
1,2-Dichloropropane
Concen: 19.357 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 63 Resp: 60070
Ion Ratio Lower Upper
63 100
65 32.1 24.3 36.5

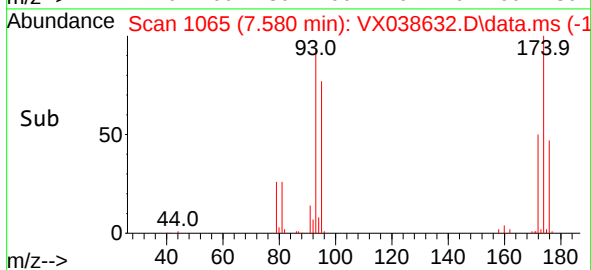
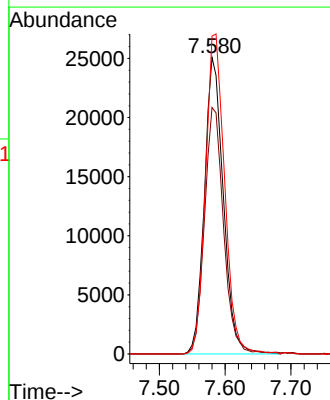
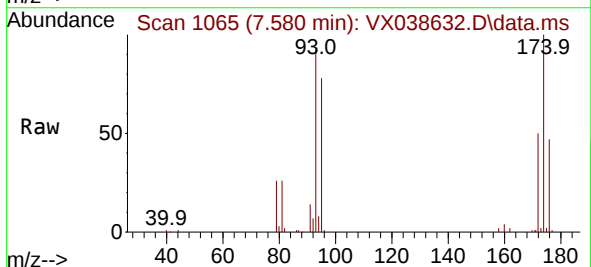
Manual Integrations
APPROVED

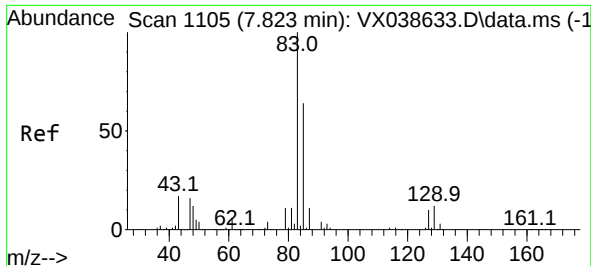
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#46
Dibromomethane
Concen: 19.368 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

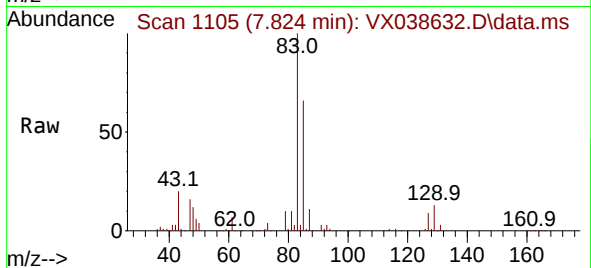
Tgt Ion: 93 Resp: 50269
Ion Ratio Lower Upper
93 100
95 84.0 66.6 100.0
174 109.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 18.767 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

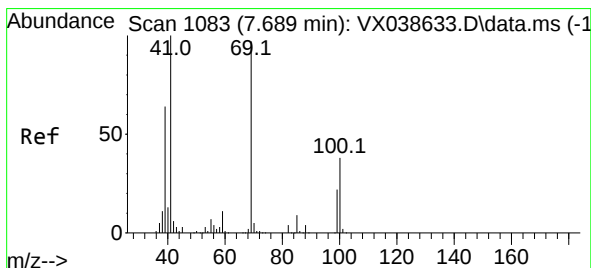
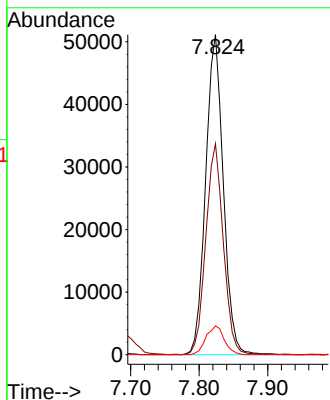
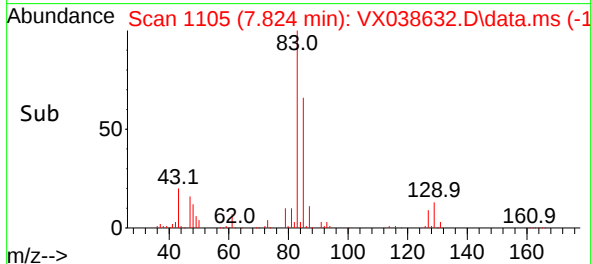
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



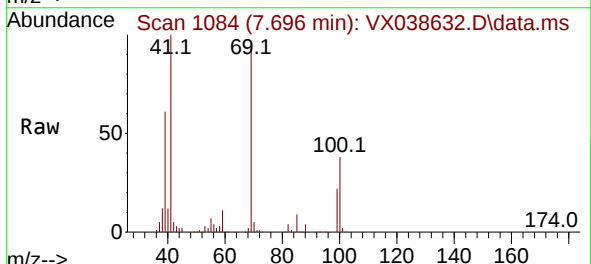
Tgt Ion: 83 Resp: 91604
Ion Ratio Lower Upper
83 100
85 65.8 49.8 74.6
127 9.0 7.1 10.7

Manual Integrations
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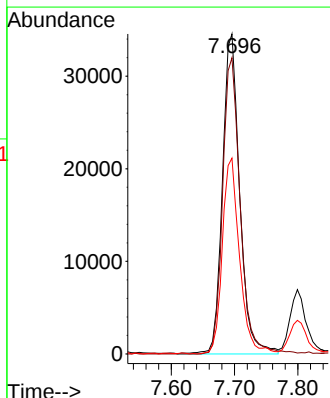
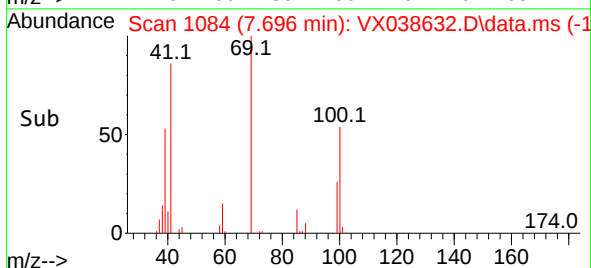
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

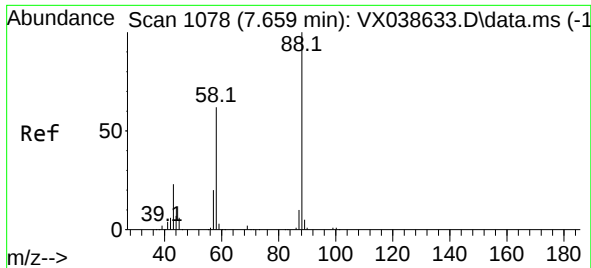


#48
Methyl methacrylate
Concen: 19.383 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



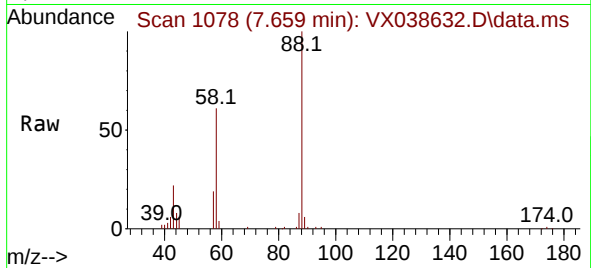
Tgt Ion: 41 Resp: 65355
Ion Ratio Lower Upper
41 100
69 93.9 59.2 88.8#
39 61.2 47.7 71.5





#49
1,4-Dioxane
Concen: 361.538 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

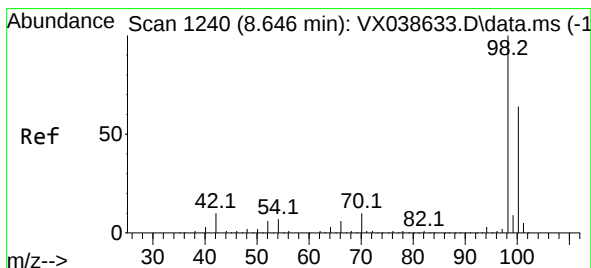
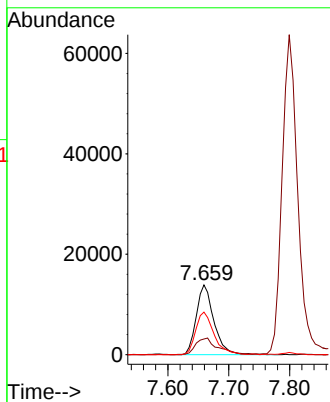
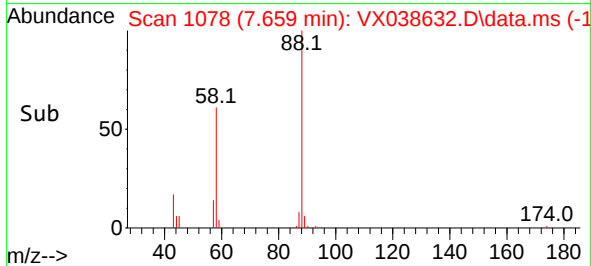
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 2775
Ion Ratio Lower Upper
88 100
43 30.2 0.0 0.0
58 63.3 60.1 90.1

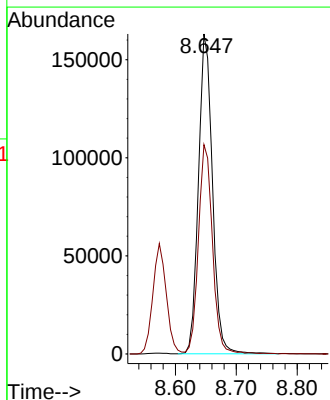
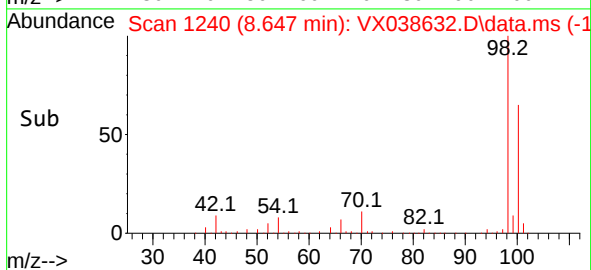
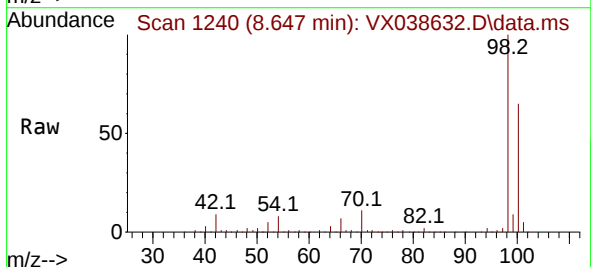
Manual Integrations
APPROVED

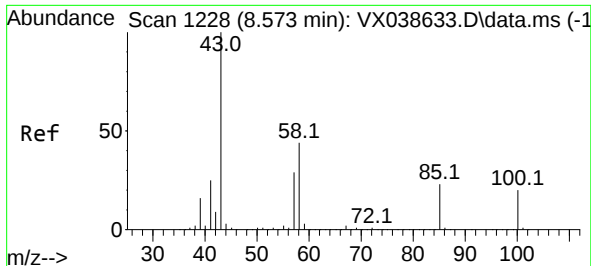
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#50
Toluene-d8
Concen: 20.313 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

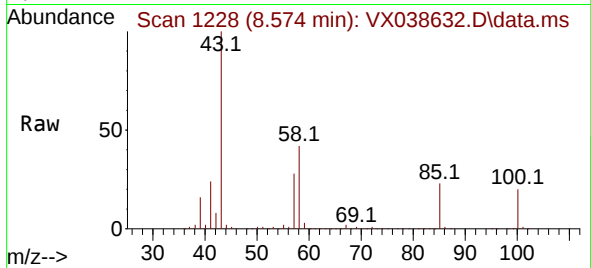
Tgt Ion: 98 Resp: 260830
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 99.191 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

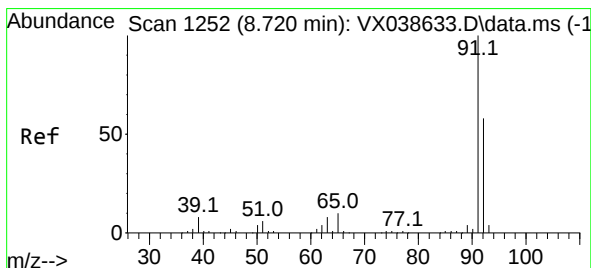
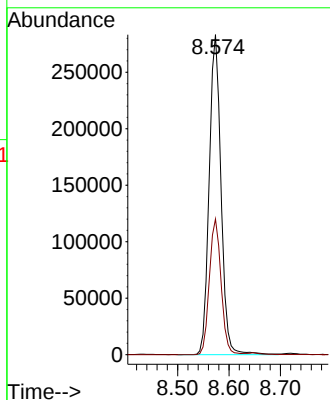
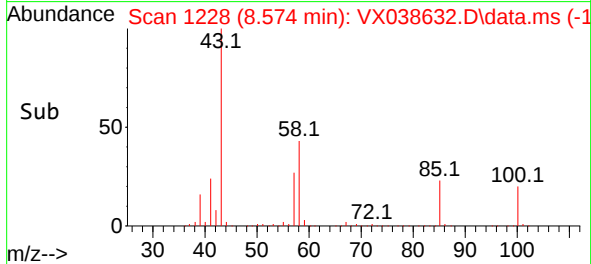
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 45215
Ion Ratio Lower Upper
43 100
58 41.9 30.4 45.6

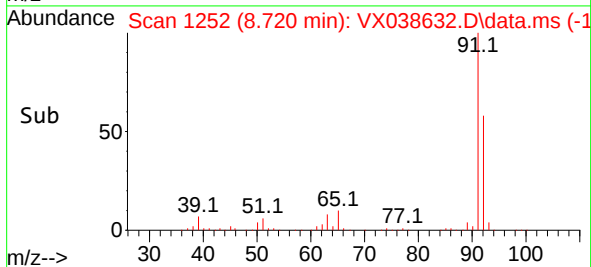
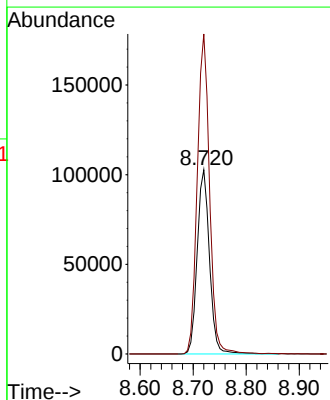
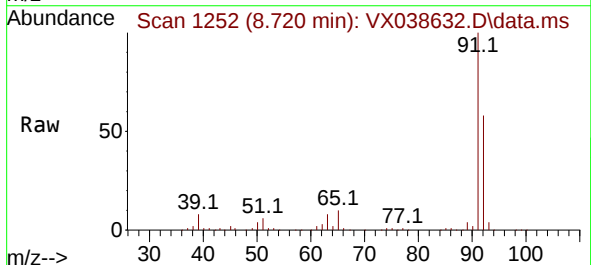
Manual Integrations
APPROVED

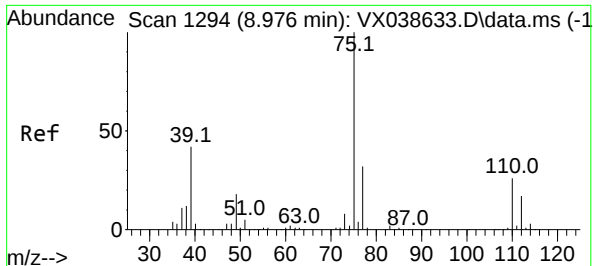
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 19.568 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 92 Resp: 164568
Ion Ratio Lower Upper
92 100
91 173.5 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 18.976 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 75 Resp: 94302

Ion Ratio Lower Upper

75 100

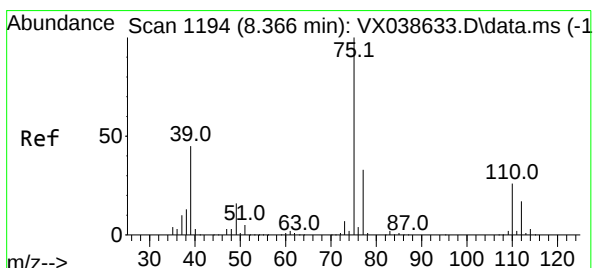
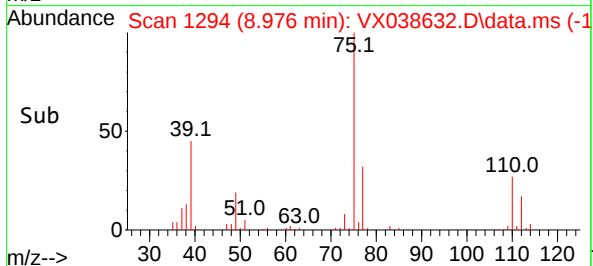
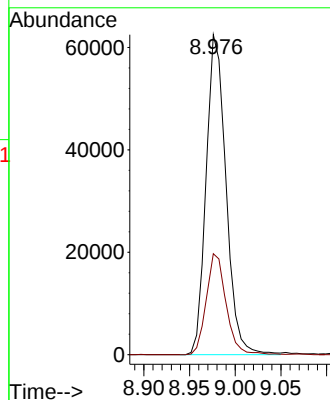
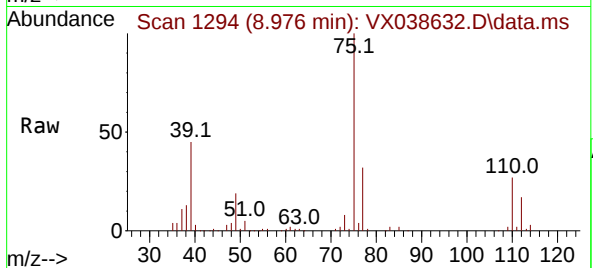
77 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#54

cis-1,3-Dichloropropene

Concen: 19.191 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

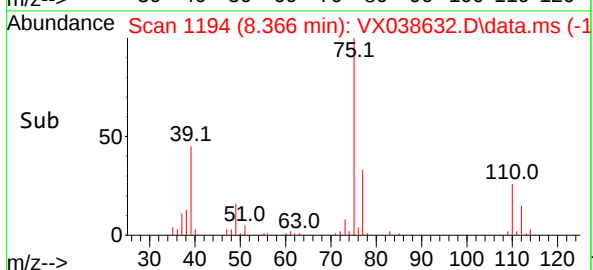
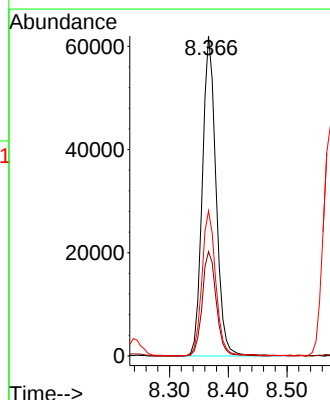
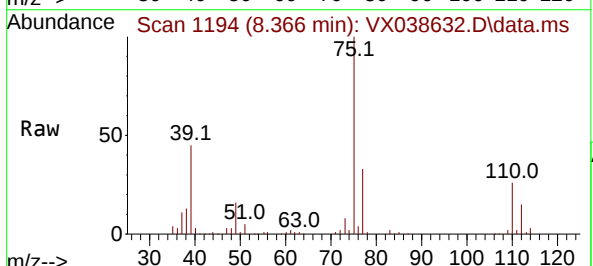
Tgt Ion: 75 Resp: 100678

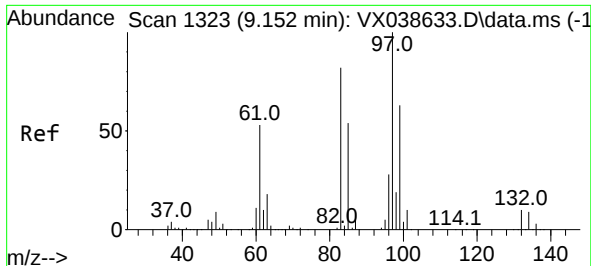
Ion Ratio Lower Upper

75 100

77 32.6 25.3 37.9

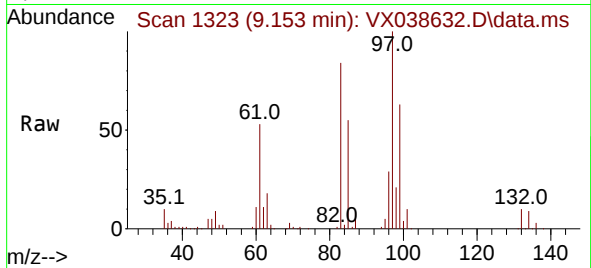
39 45.4 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 19.710 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

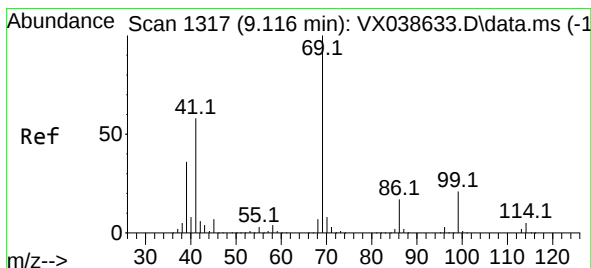
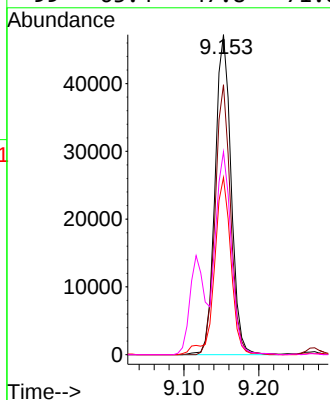
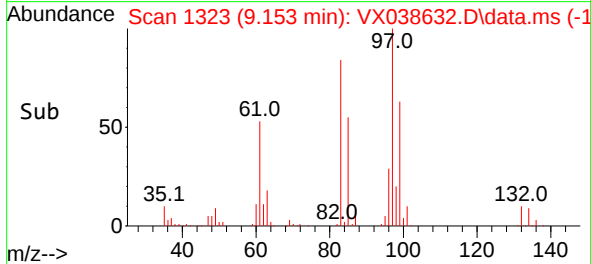


Tgt Ion: 97 Resp: 7033

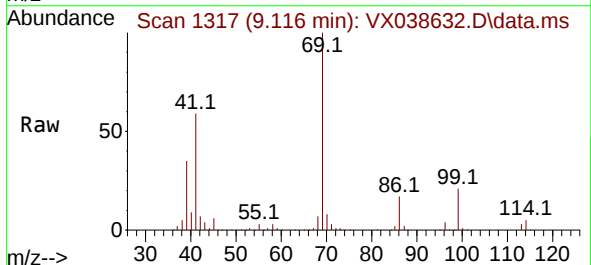
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.8
85	55.4	41.6	62.4
99	63.4	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

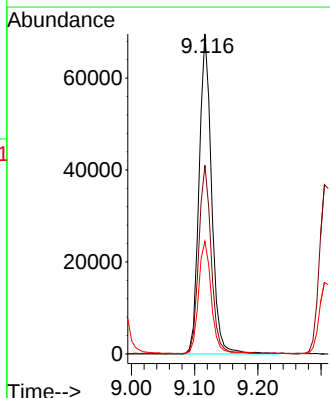
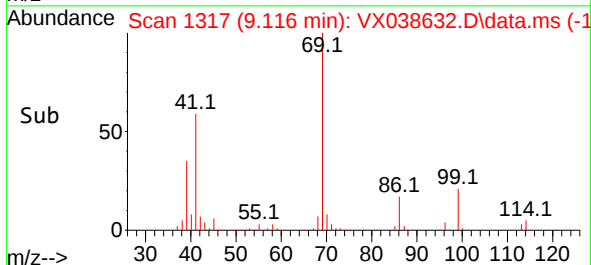


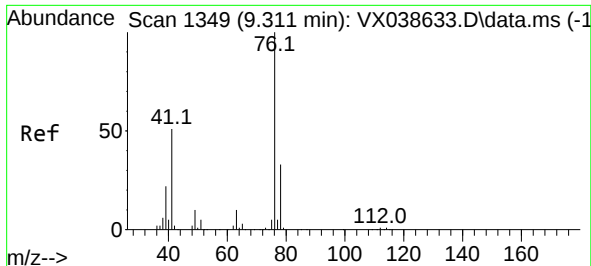
#56
Ethyl methacrylate
Concen: 19.193 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



Tgt Ion: 69 Resp: 95823

Ion	Ratio	Lower	Upper
69	100		
41	59.5	56.8	85.2
39	35.7	32.0	48.0





#57
1,3-Dichloropropane
Concen: 19.562 ug/l
RT: 9.311 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

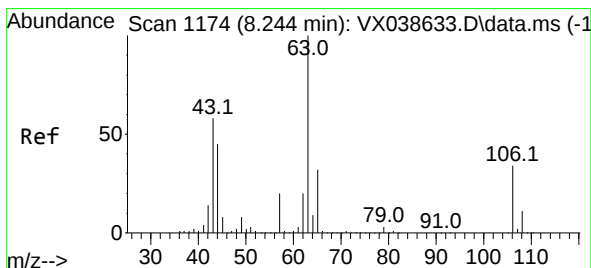
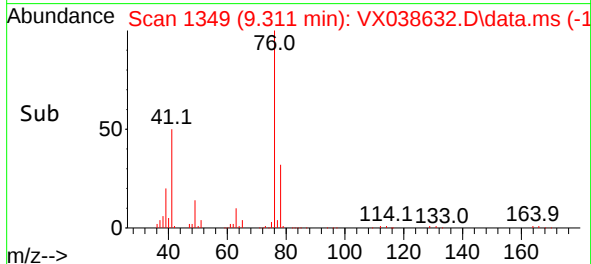
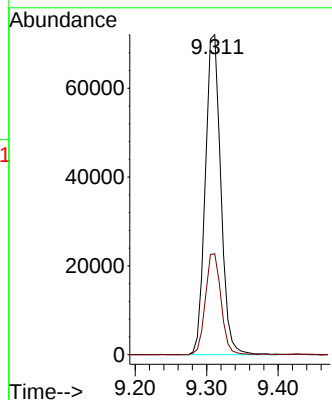
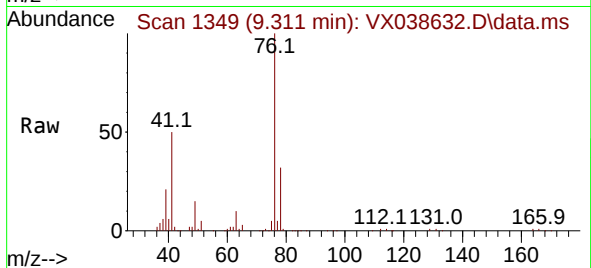
VSTDICC020

Tgt Ion: 76 Resp: 108728
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1

Manual Integrations

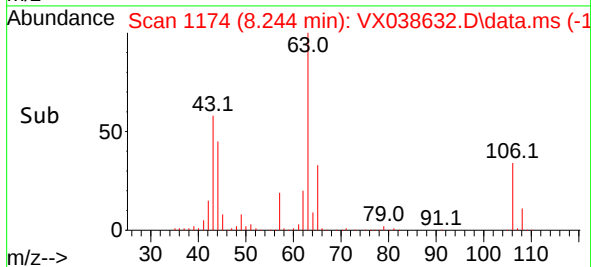
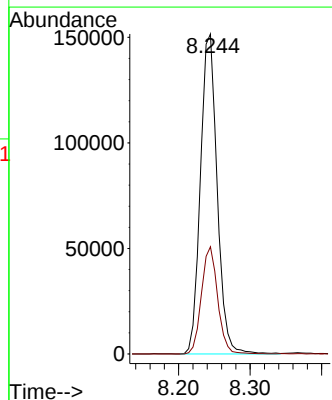
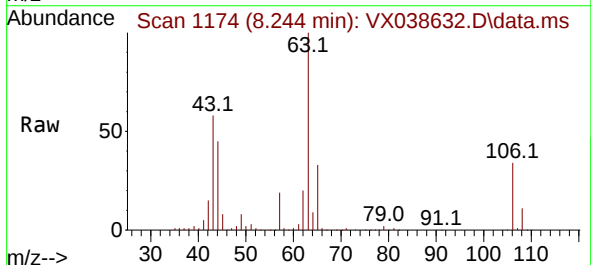
APPROVED

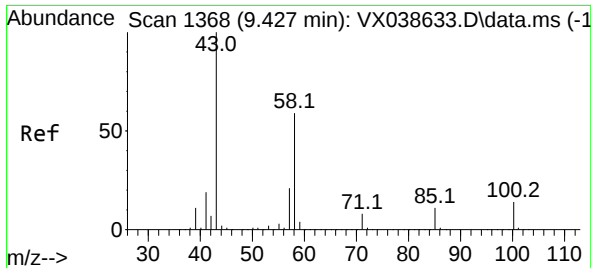
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#58
2-Chloroethyl Vinyl ether
Concen: 100.332 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

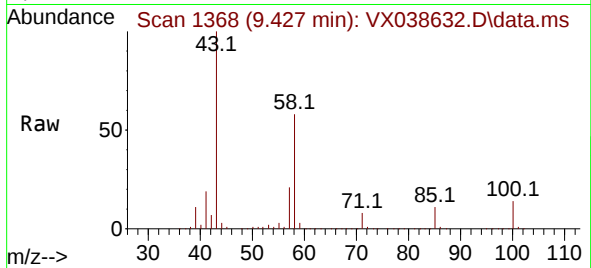
Tgt Ion: 63 Resp: 246288
Ion Ratio Lower Upper
63 100
106 32.5 22.5 33.7





#59
2-Hexanone
Concen: 97.178 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

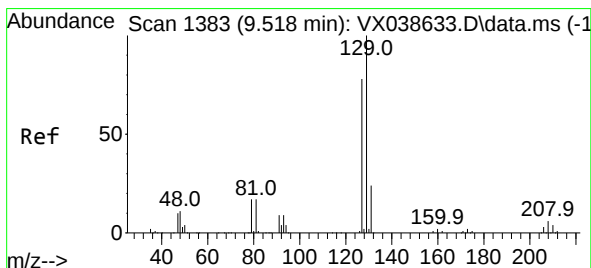
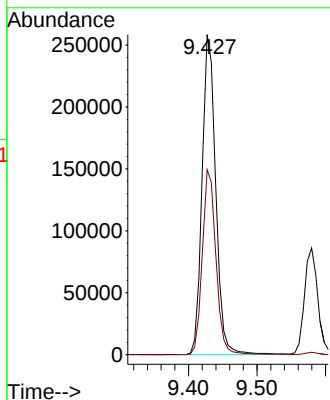
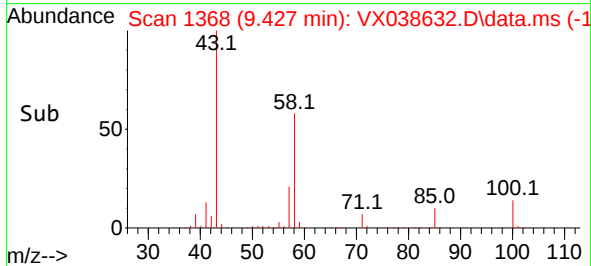
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 358430
Ion Ratio Lower Upper
43 100
58 58.0 26.2 78.5

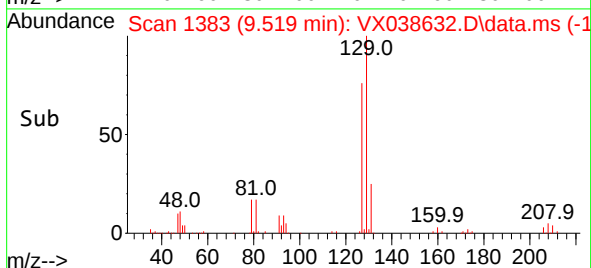
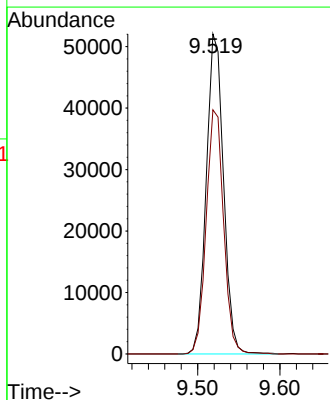
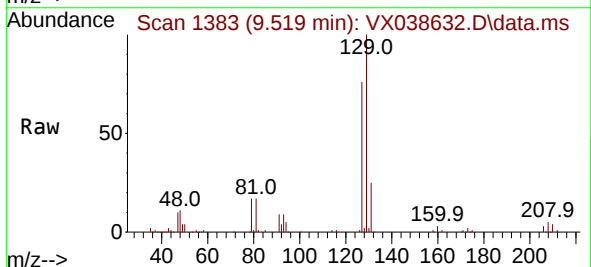
Manual Integrations
APPROVED

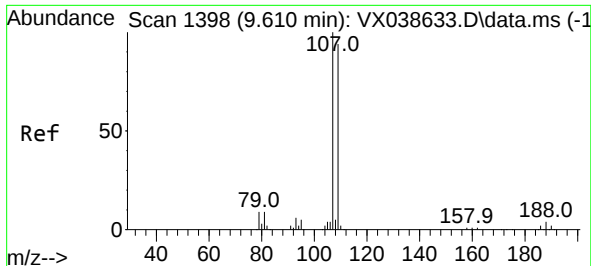
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 18.911 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:129 Resp: 75754
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





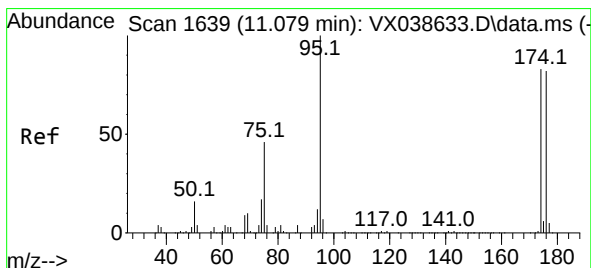
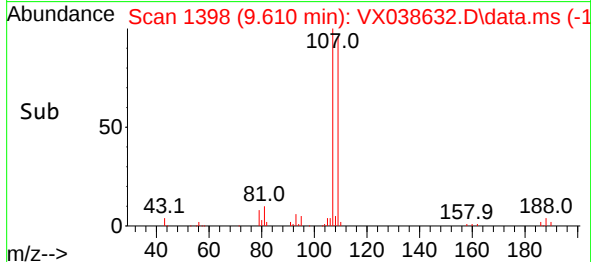
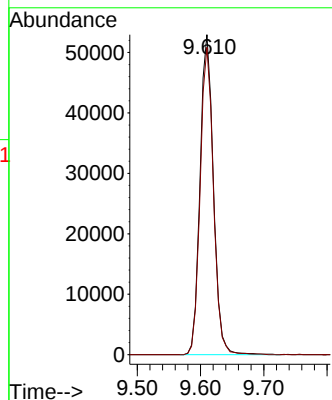
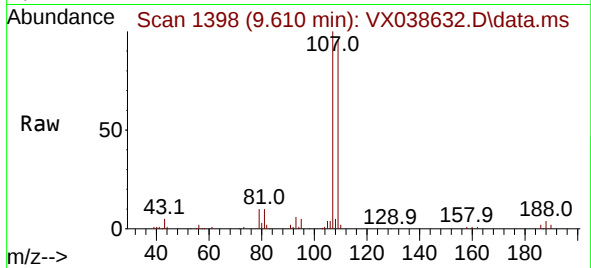
#61
1,2-Dibromoethane
Concen: 19.463 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:107 Resp: 7805
Ion Ratio Lower Upper
107 100
109 95.5 75.2 112.8

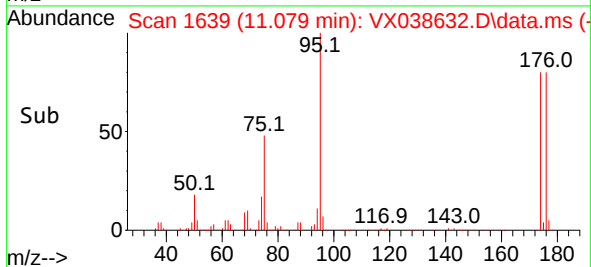
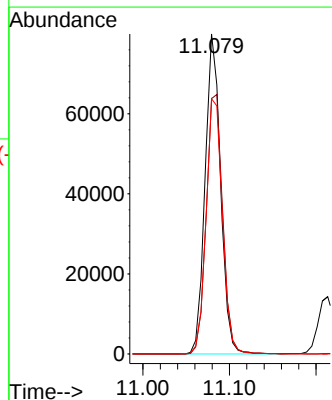
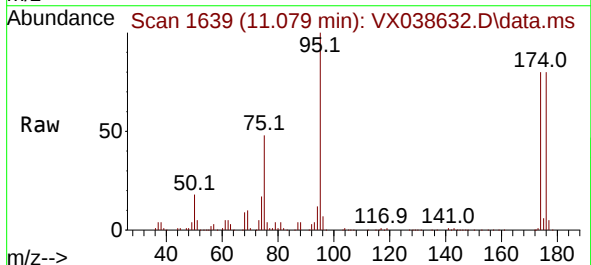
Manual Integrations
APPROVED

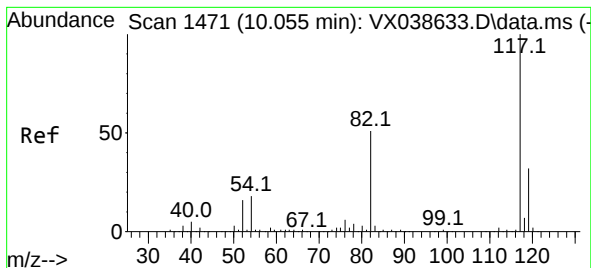
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#62
4-Bromofluorobenzene
Concen: 19.899 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

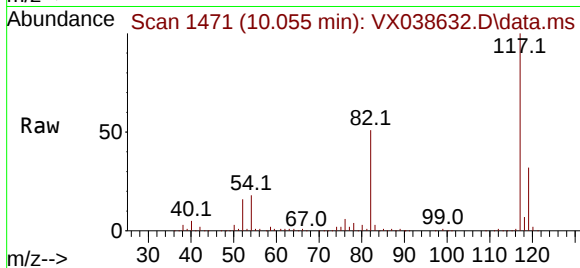
Tgt Ion: 95 Resp: 99062
Ion Ratio Lower Upper
95 100
174 86.4 0.0 135.6
176 84.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

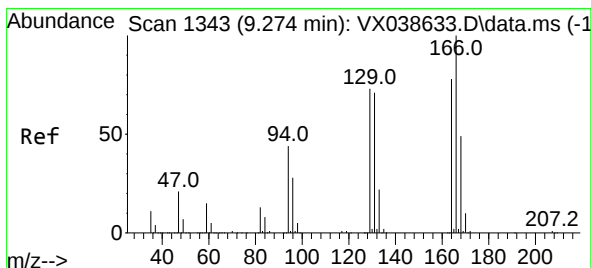
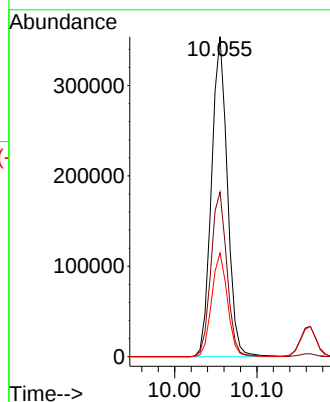
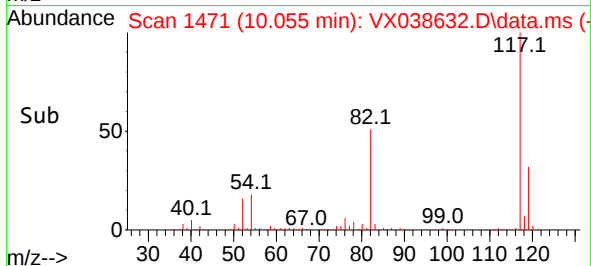
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:117 Resp: 474632
Ion Ratio Lower Upper
117 100
82 51.4 46.2 69.4
119 32.4 25.5 38.3

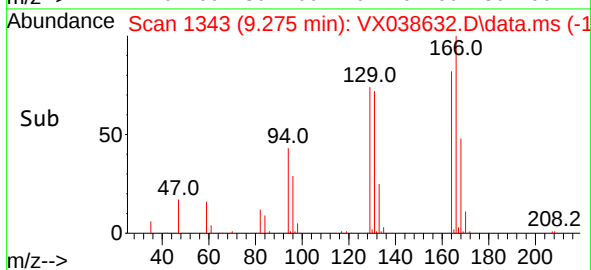
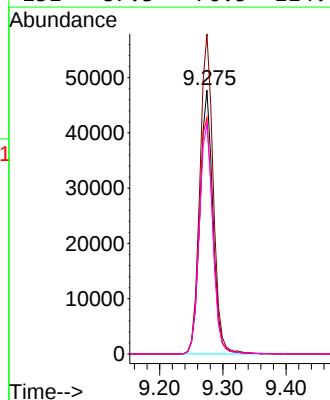
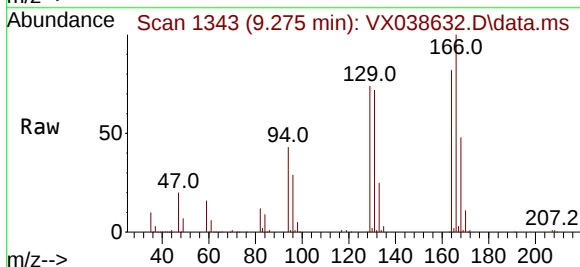
Manual Integrations
APPROVED

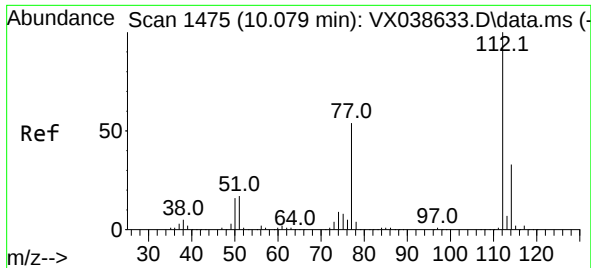
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 19.229 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

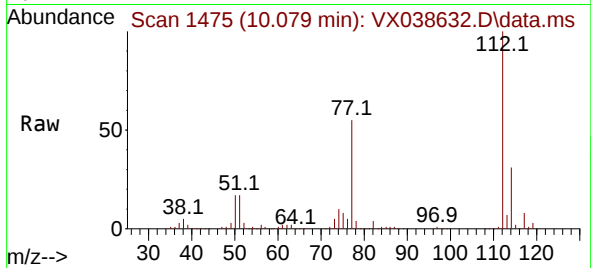
Tgt Ion:164 Resp: 68316
Ion Ratio Lower Upper
164 100
166 121.4 102.7 154.1
129 89.6 80.4 120.6
131 87.3 76.5 114.7





#65
Chlorobenzene
Concen: 19.395 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

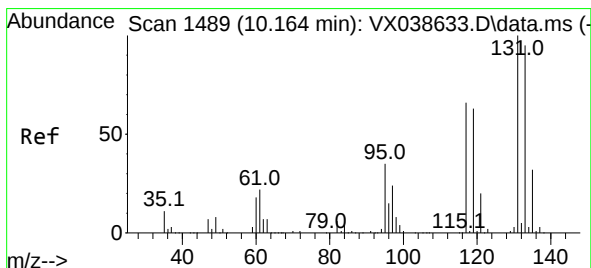
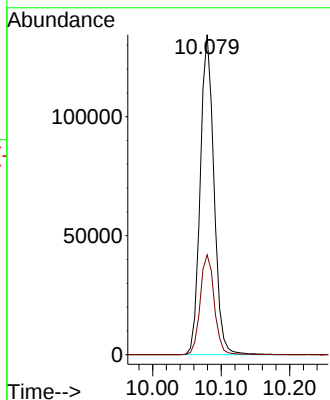
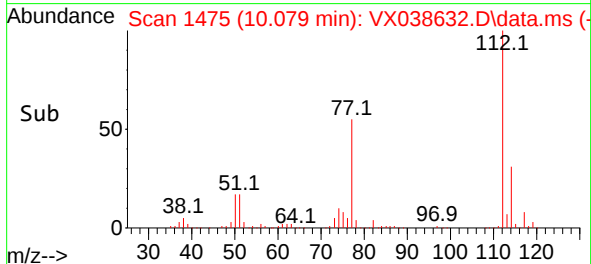
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



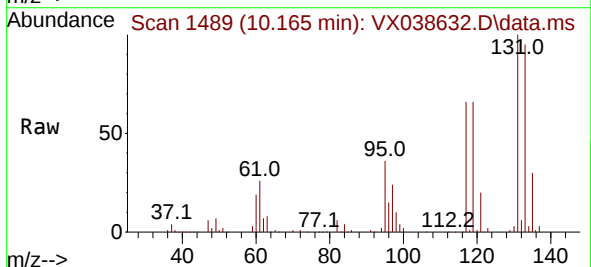
Tgt Ion:112 Resp: 187389
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

Manual Integrations
APPROVED

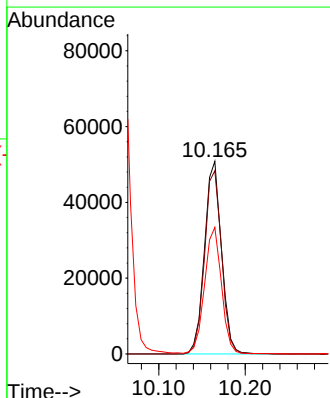
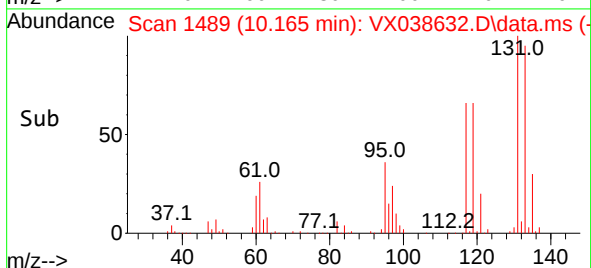
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

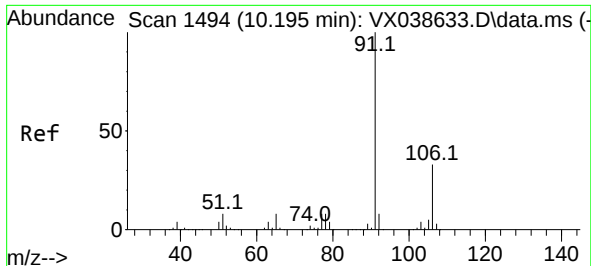


#66
1,1,1,2-Tetrachloroethane
Concen: 19.071 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



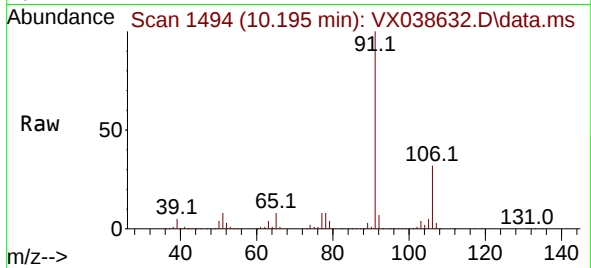
Tgt Ion:131 Resp: 69268
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 65.1 32.2 96.6





#67
Ethyl Benzene
Concen: 19.503 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

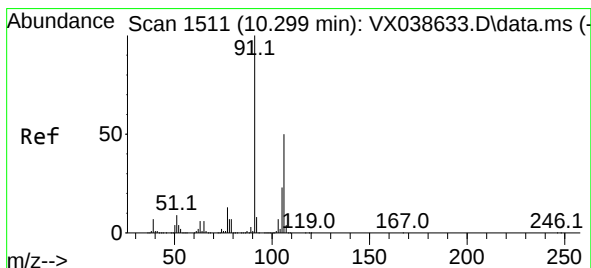
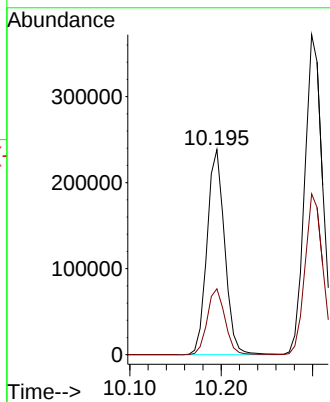
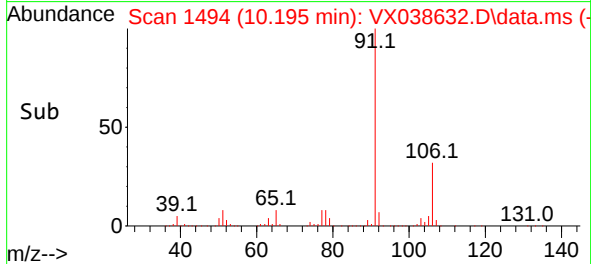
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 31875
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

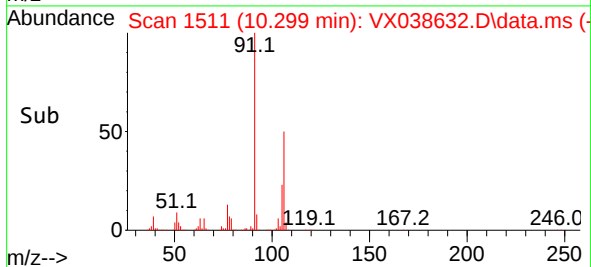
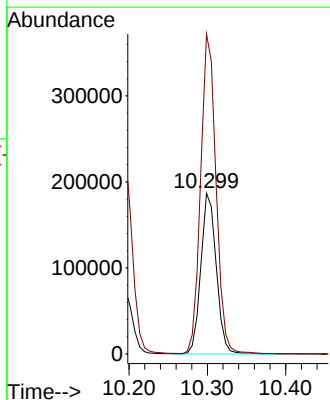
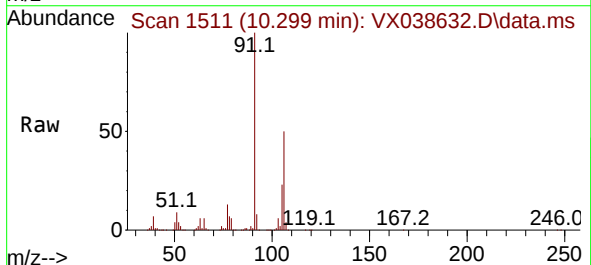
Manual Integrations
APPROVED

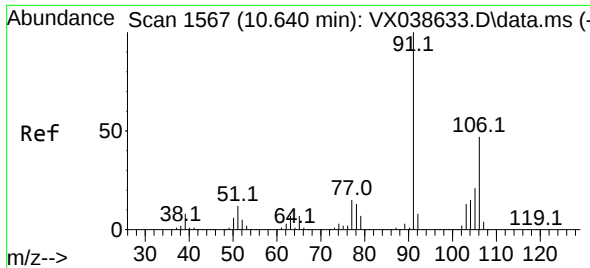
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#68
m/p-Xylenes
Concen: 39.305 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:106 Resp: 254950
Ion Ratio Lower Upper
106 100
91 199.6 165.5 248.3





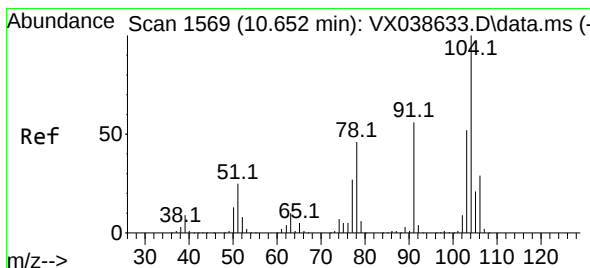
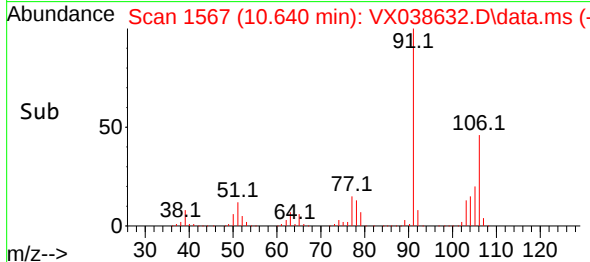
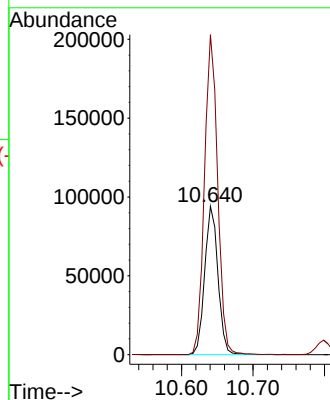
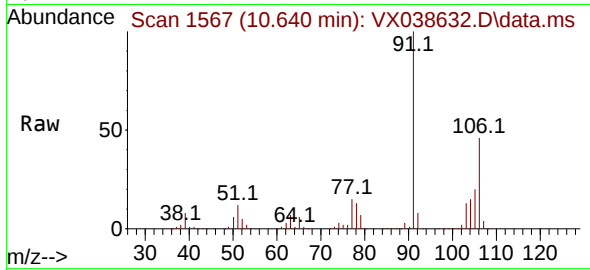
#69
o-Xylene
Concen: 19.233 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 12132
Ion Ratio Lower Upper
106 100
91 213.8 108.9 326.8

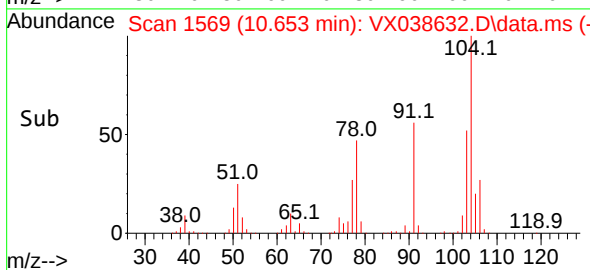
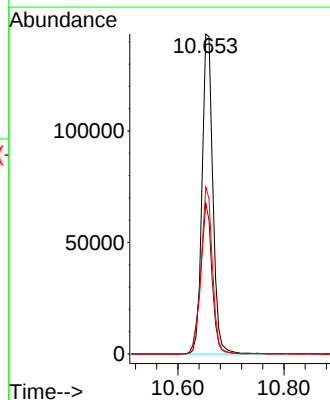
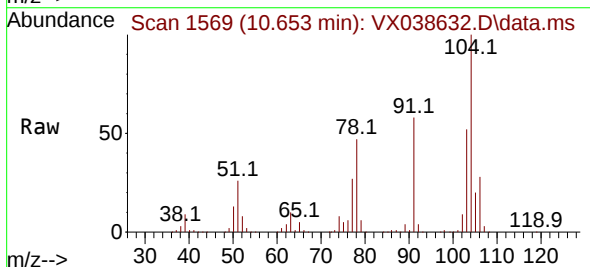
Manual Integrations
APPROVED

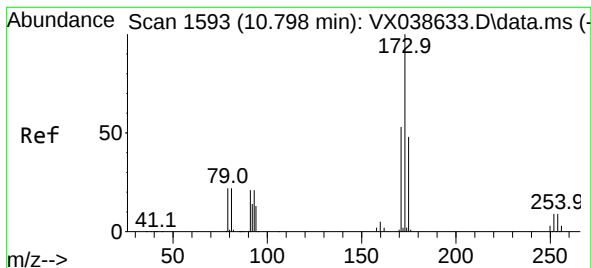
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 19.580 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:104 Resp: 203835
Ion Ratio Lower Upper
104 100
78 49.6 43.6 65.4
103 55.3 43.6 65.4





#71

Bromoform

Concen: 18.704 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

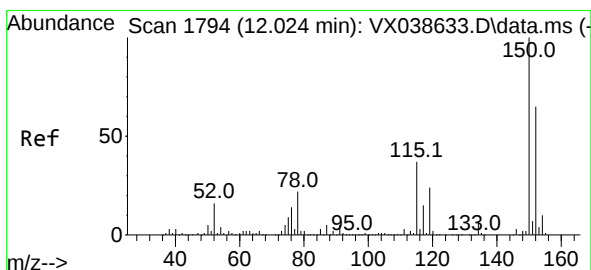
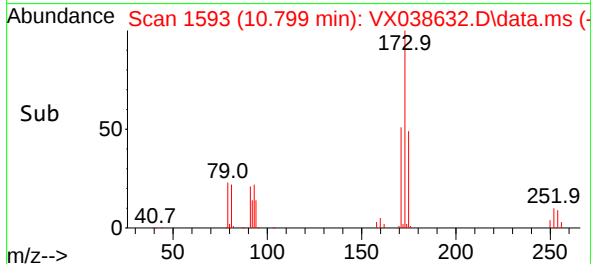
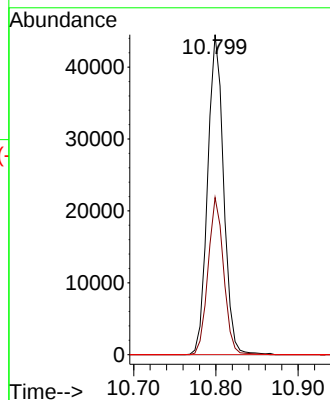
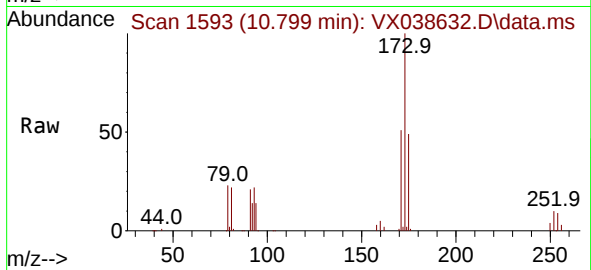
Tgt Ion:173	Resp:	5996
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

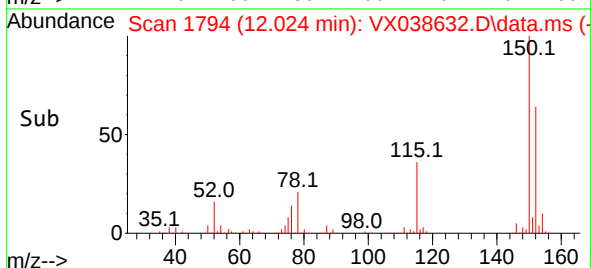
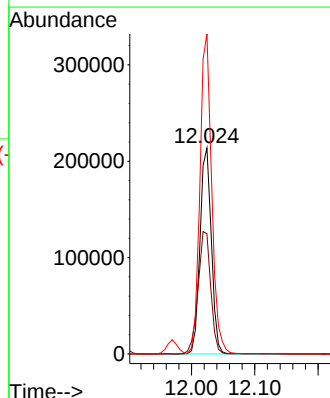
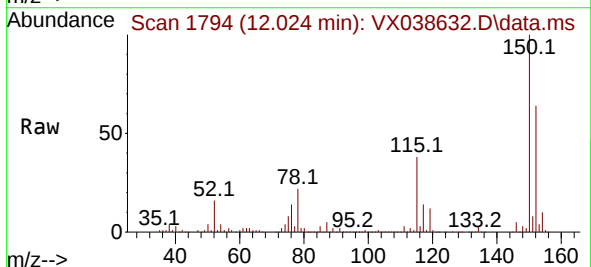
RT: 12.024 min Scan# 1794

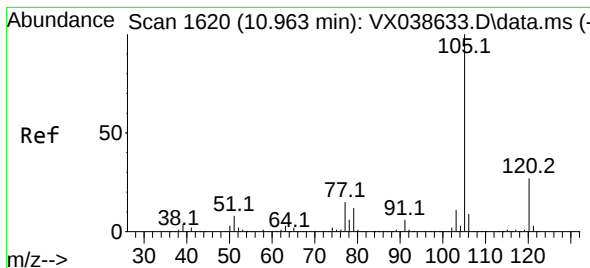
Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion:152	Resp:	267476
Ion Ratio	Lower	Upper
152	100	
115	66.5	43.3 129.9
150	160.2	0.0 345.0





#73

Isopropylbenzene

Concen: 19.812 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 325098

Ion Ratio Lower Upper

105 100

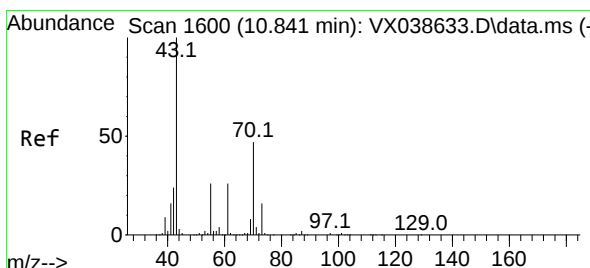
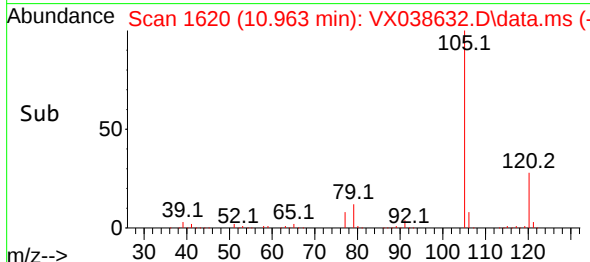
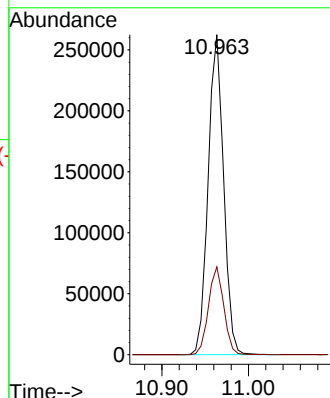
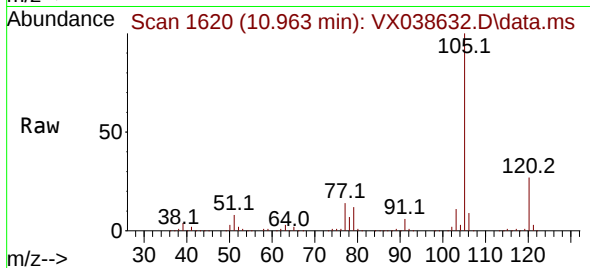
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#74

N-ethyl acetate

Concen: 19.567 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion: 43 Resp: 111562

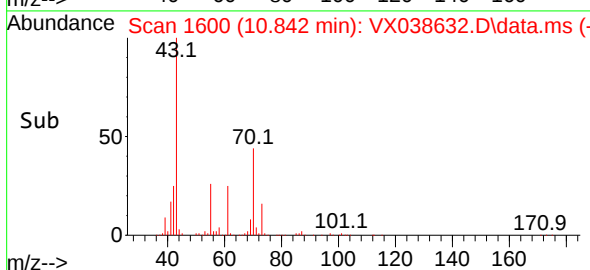
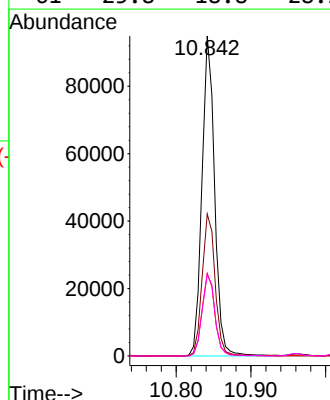
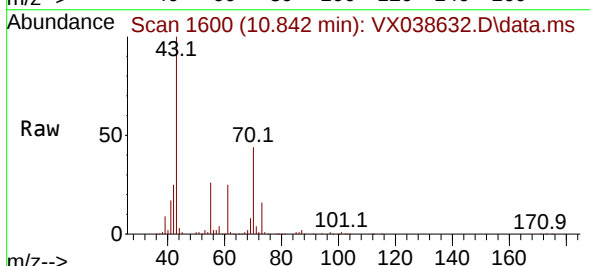
Ion Ratio Lower Upper

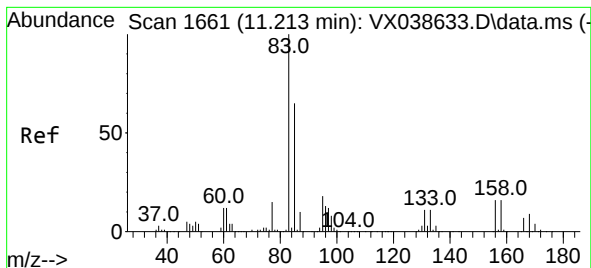
43 100

70 45.7 32.9 49.3

55 26.3 19.3 28.9

61 25.8 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.591 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 83 Resp: 111139

Ion Ratio Lower Upper

83 100

131 11.4 5.3 15.8

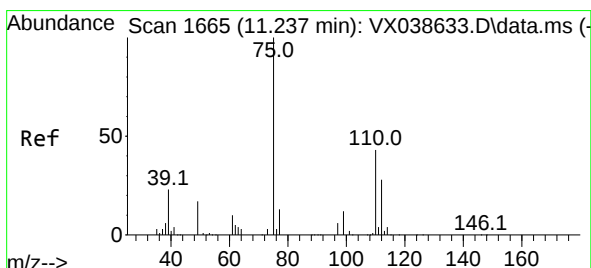
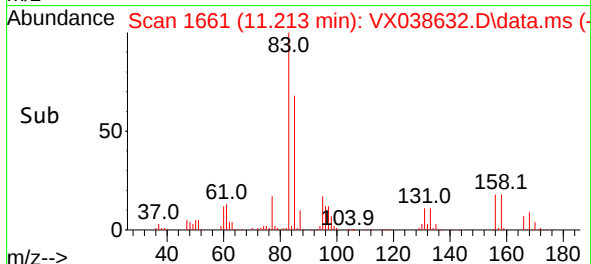
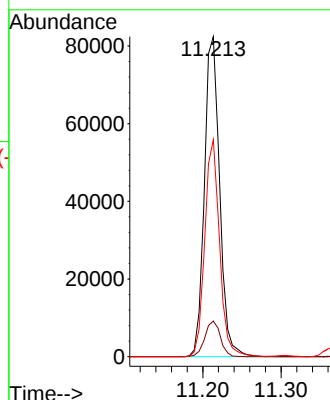
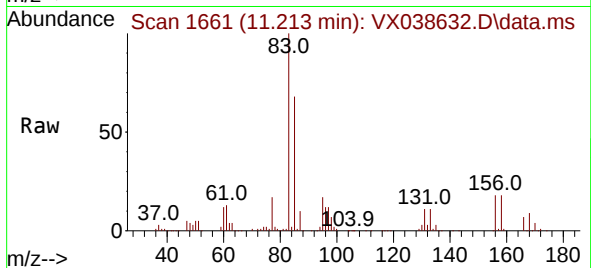
85 65.9 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#76

1,2,3-Trichloropropane

Concen: 19.039 ug/l m

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX038632.D

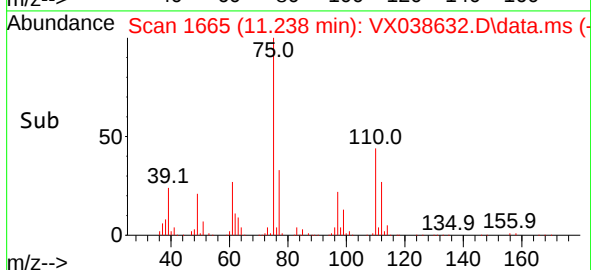
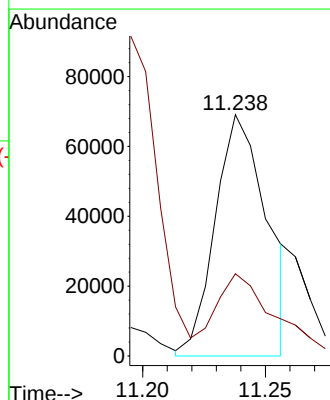
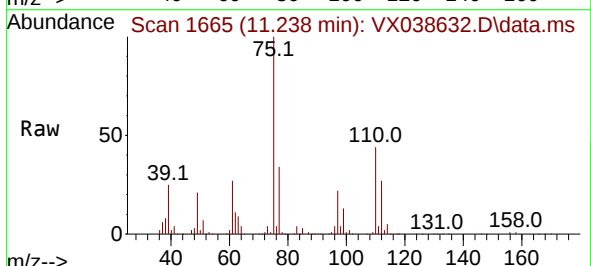
Acq: 07 Nov 2023 14:22

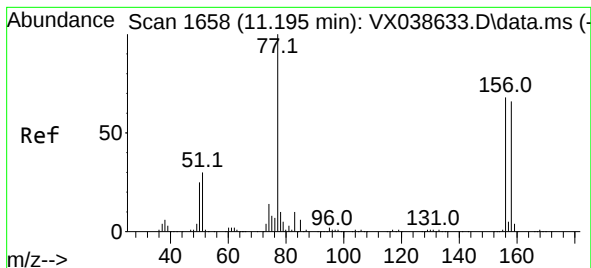
Tgt Ion: 75 Resp: 100854

Ion Ratio Lower Upper

75 100

77 39.1 19.1 57.5





#77

Bromobenzene

Concen: 19.461 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

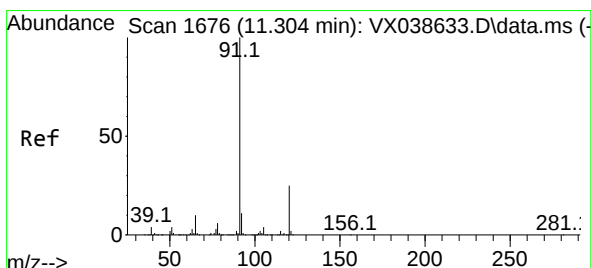
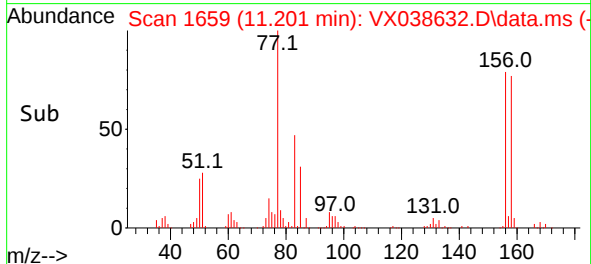
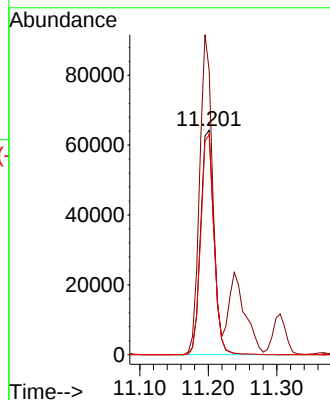
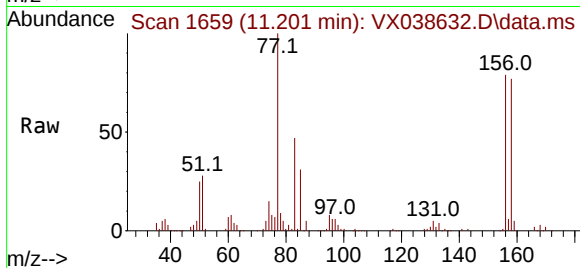
Tgt Ion:	156	Resp:	8764
Ion Ratio	Lower	Upper	
156	100		
77	136.6	88.4	265.3
158	97.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 19.822 ug/l

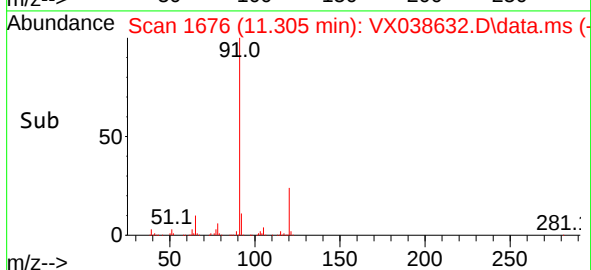
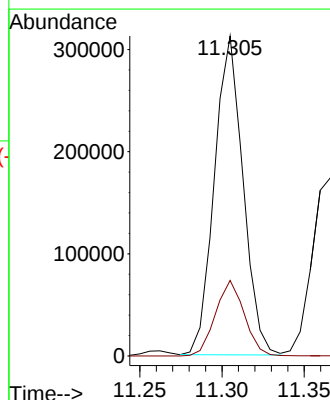
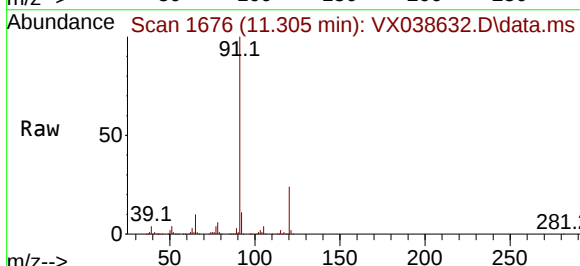
RT: 11.305 min Scan# 1676

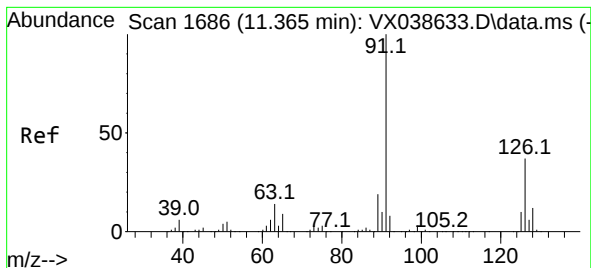
Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion:	91	Resp:	378514
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.5	34.4





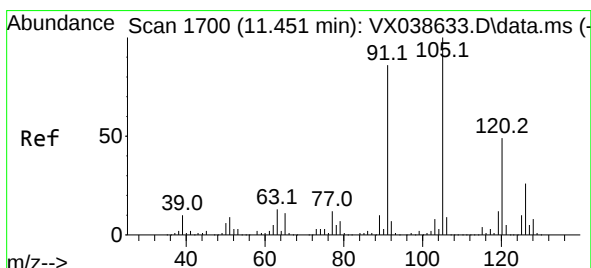
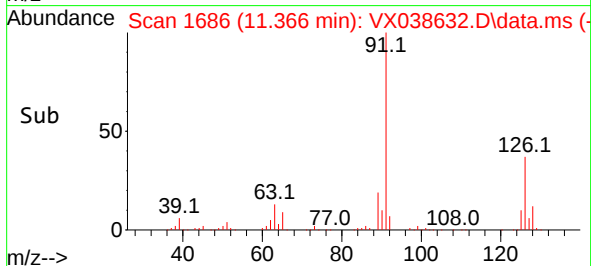
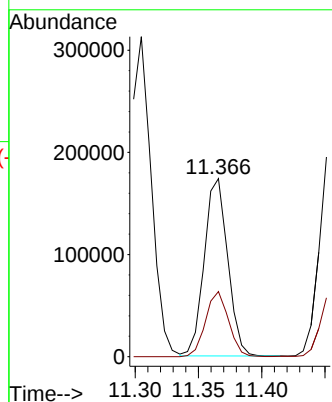
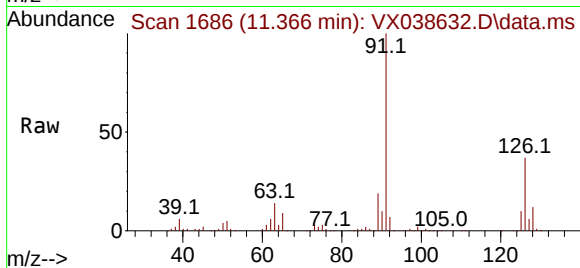
#79
2-Chlorotoluene
Concen: 19.600 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 22407
Ion Ratio Lower Upper
91 100
126 36.0 16.3 48.8

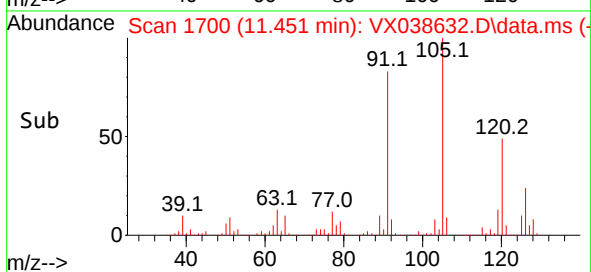
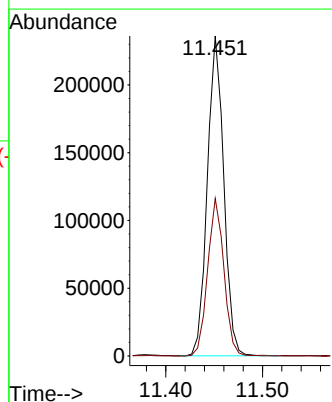
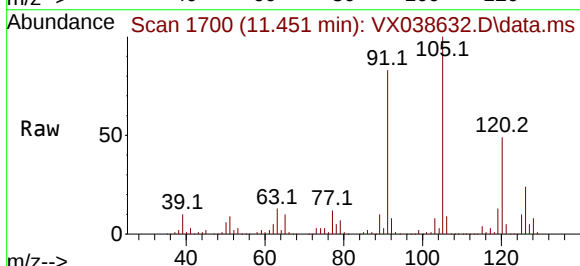
Manual Integrations
APPROVED

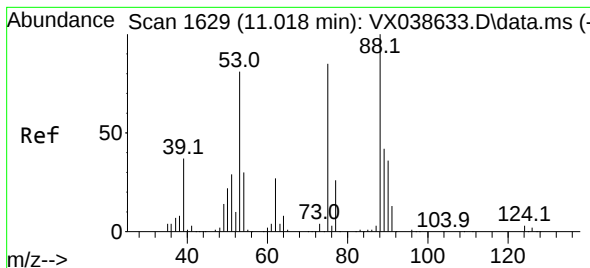
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.753 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

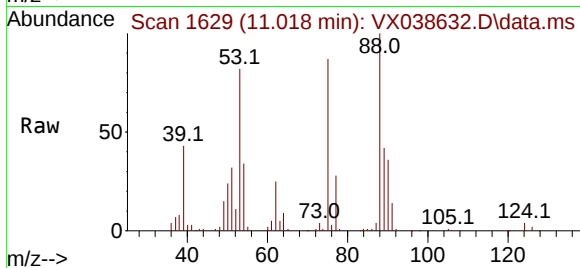
Tgt Ion:105 Resp: 278968
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 19.478 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

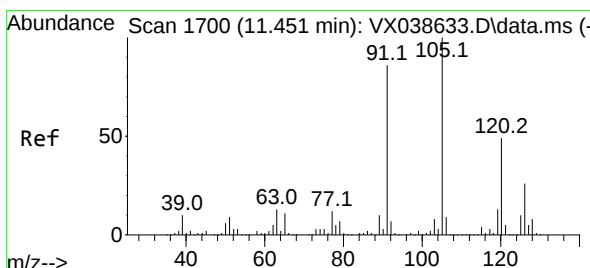
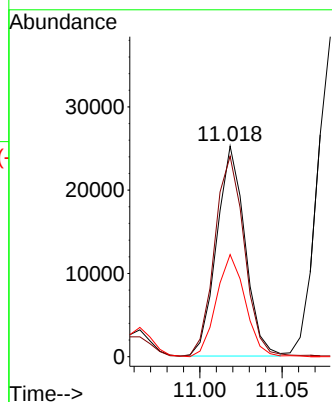
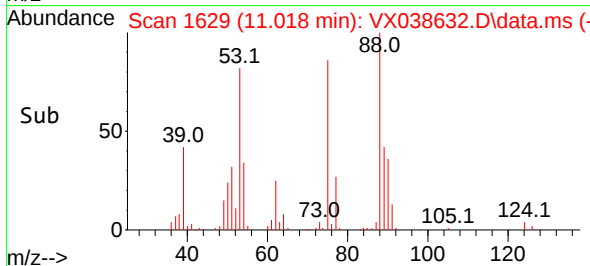
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



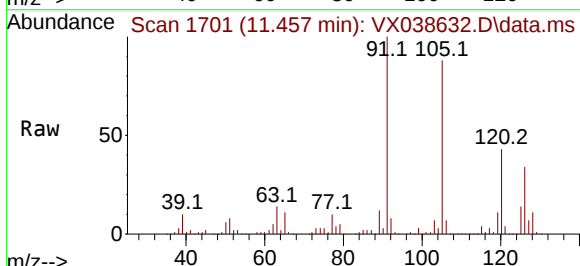
Tgt Ion: 75 Resp: 30278
Ion Ratio Lower Upper
75 100
53 100.3 90.5 135.7
89 49.4 36.9 55.3

Manual Integrations
APPROVED

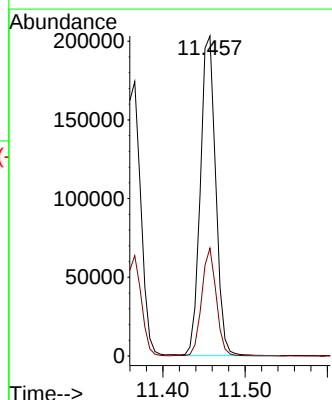
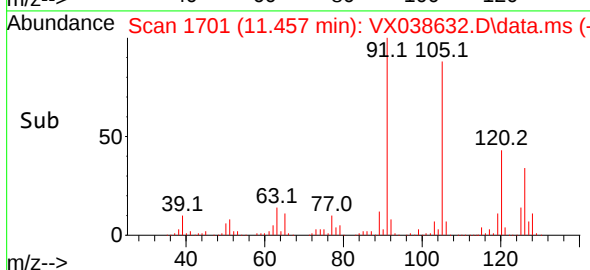
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

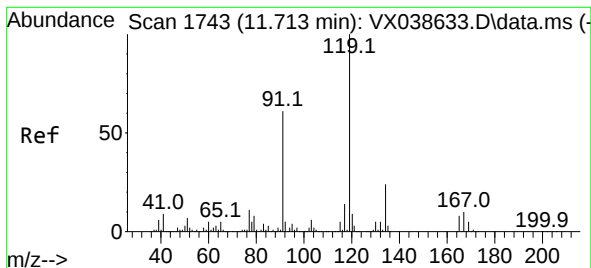


#82
4-Chlorotoluene
Concen: 19.712 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22



Tgt Ion: 91 Resp: 263272
Ion Ratio Lower Upper
91 100
126 32.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 19.470 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:119 Resp: 27862

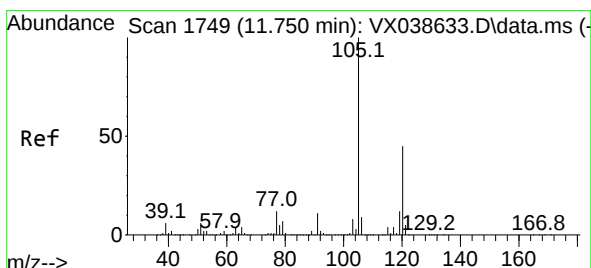
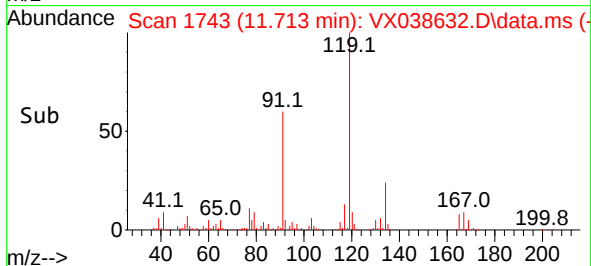
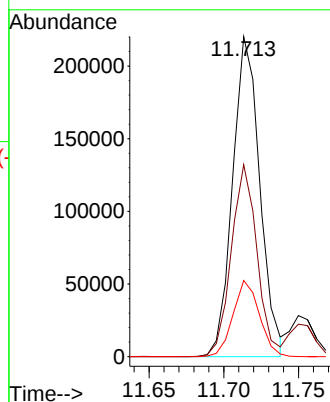
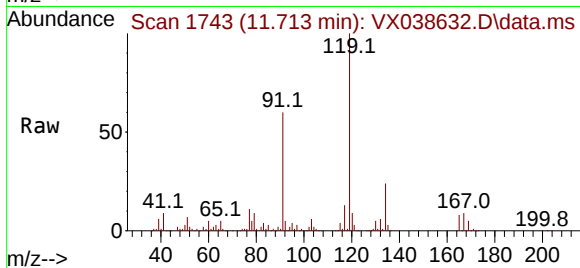
Ion	Ratio	Lower	Upper
119	100		
91	56.8	31.2	93.6
134	23.1	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 20.025 ug/l

RT: 11.750 min Scan# 1749

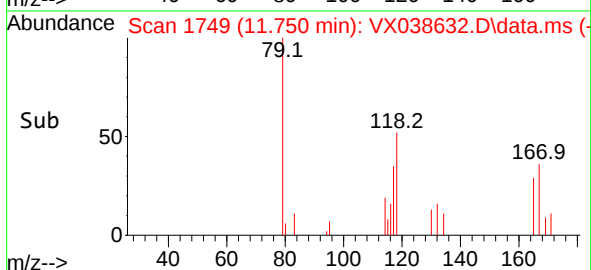
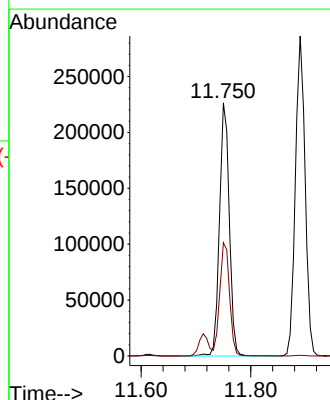
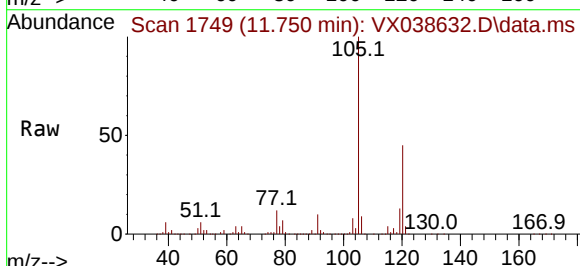
Delta R.T. 0.000 min

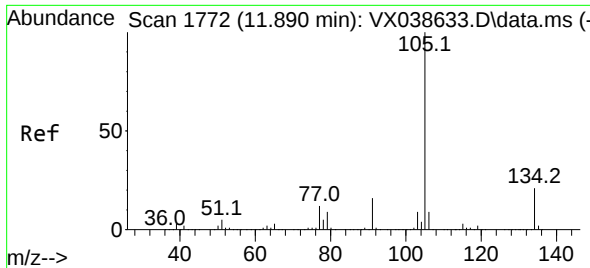
Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Tgt Ion:105 Resp: 280498

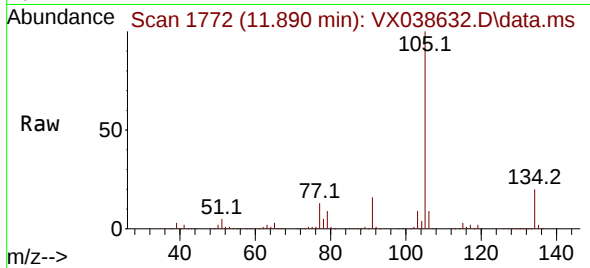
Ion	Ratio	Lower	Upper
105	100		
120	44.5	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 19.600 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038632.D
 Acq: 07 Nov 2023 14:22

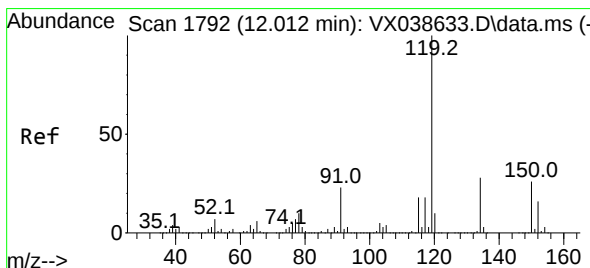
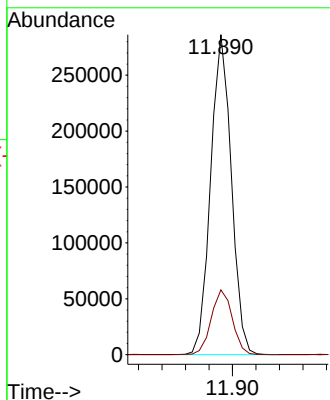
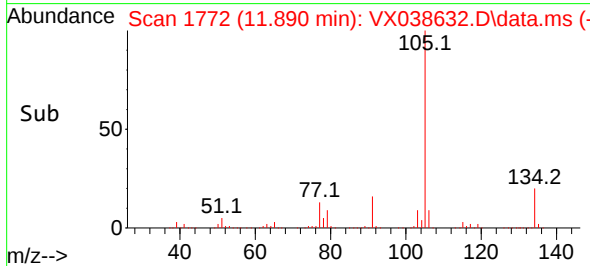
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020



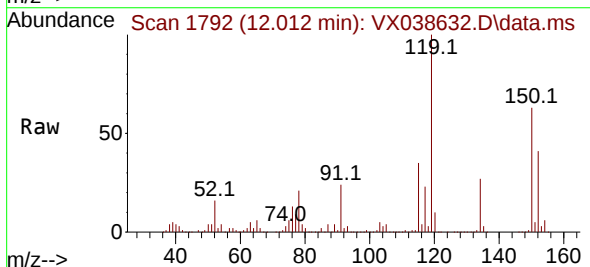
Tgt Ion:105 Resp: 349984
 Ion Ratio Lower Upper
 105 100
 134 20.7 9.8 29.4

Manual Integrations
 APPROVED

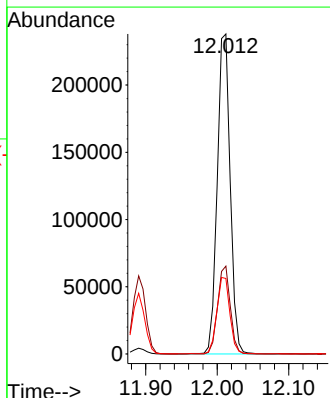
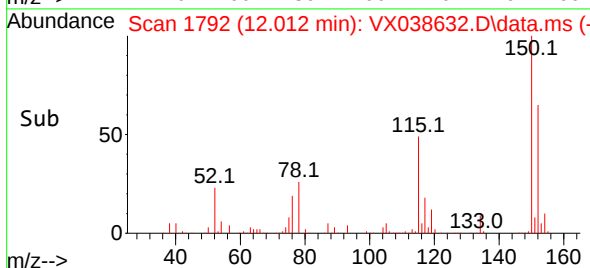
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023

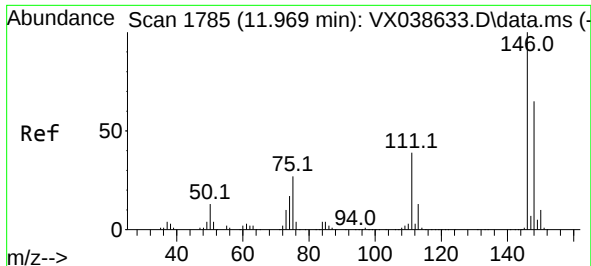


#86
 p-Isopropyltoluene
 Concen: 19.666 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038632.D
 Acq: 07 Nov 2023 14:22



Tgt Ion:119 Resp: 299150
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 19.224 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 165524

Ion Ratio Lower Upper

146 100

111 39.8 22.1 66.1

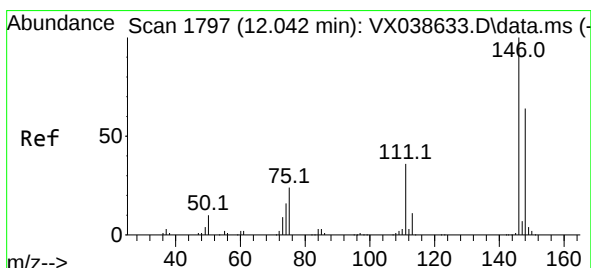
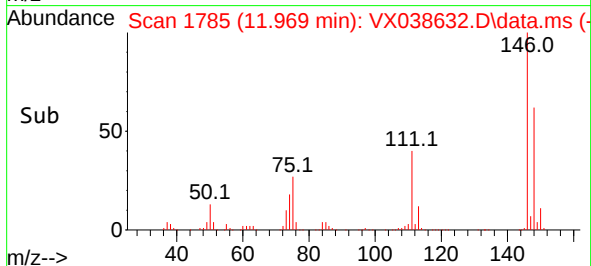
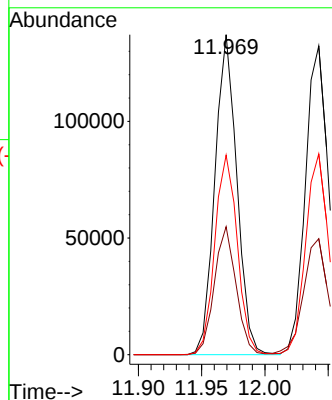
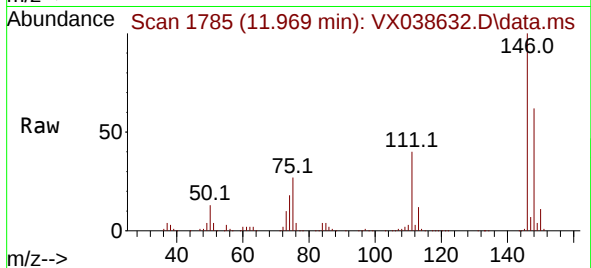
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#88

1,4-Dichlorobenzene

Concen: 19.087 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

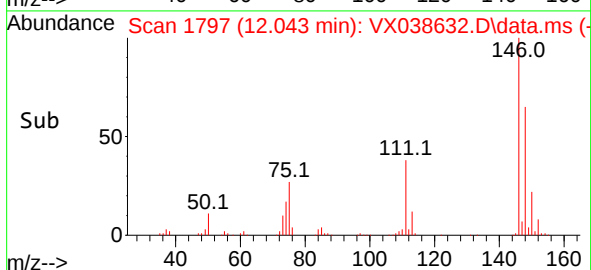
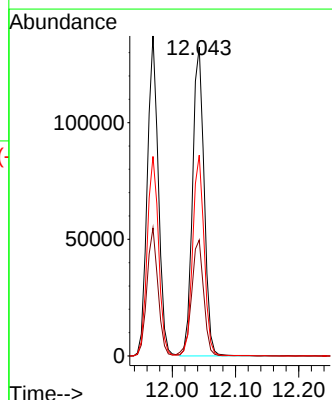
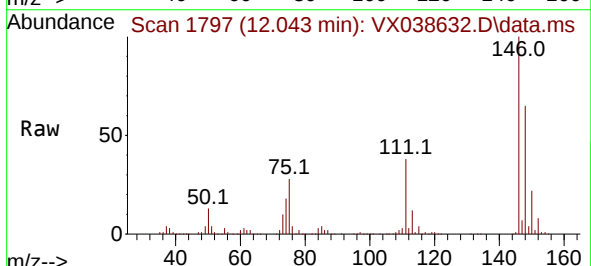
Tgt Ion:146 Resp: 168926

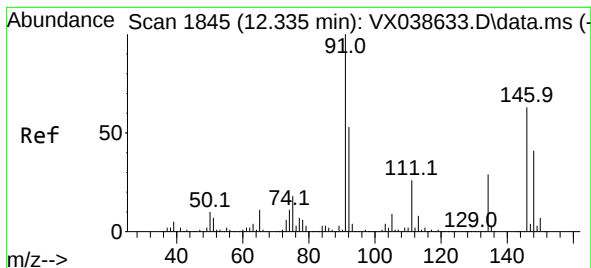
Ion Ratio Lower Upper

146 100

111 39.2 21.3 63.7

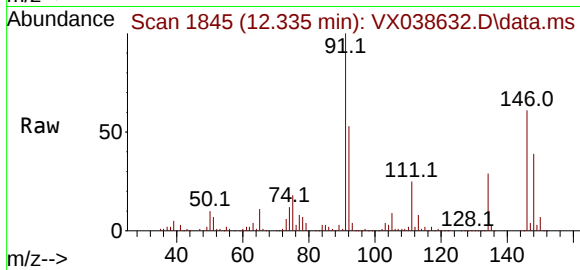
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 19.116 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

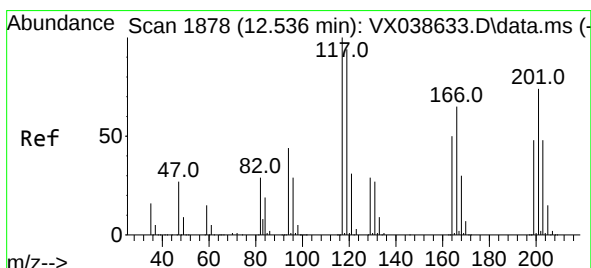
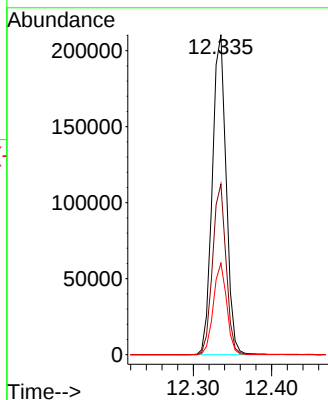
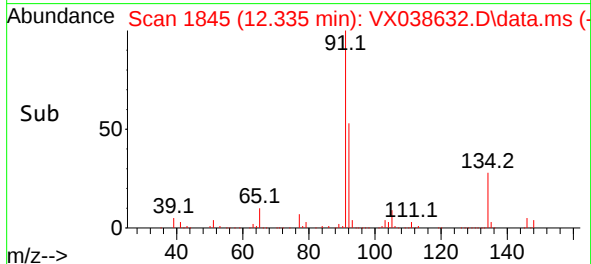
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 25875
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 27.6 12.6 37.8

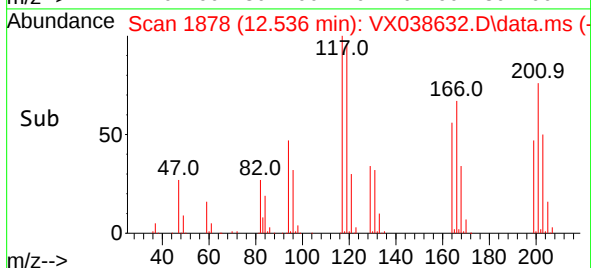
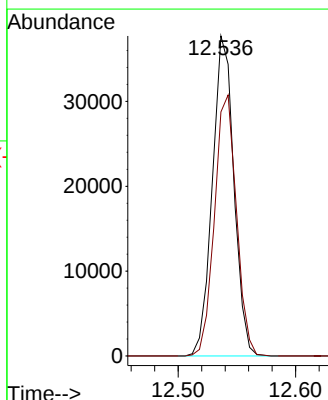
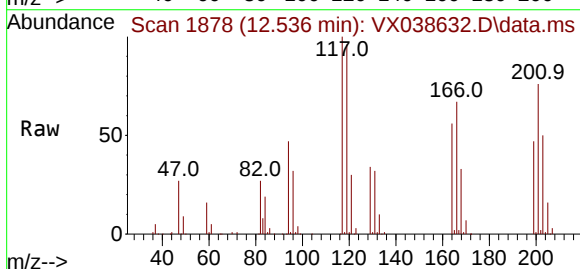
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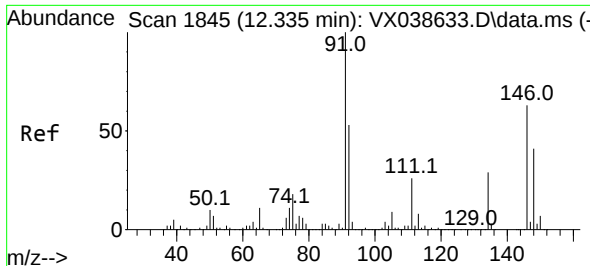
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#90
Hexachloroethane
Concen: 18.644 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

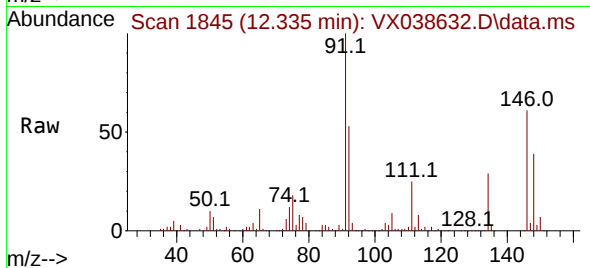
Tgt Ion:117 Resp: 48038
Ion Ratio Lower Upper
117 100
201 83.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 19.212 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

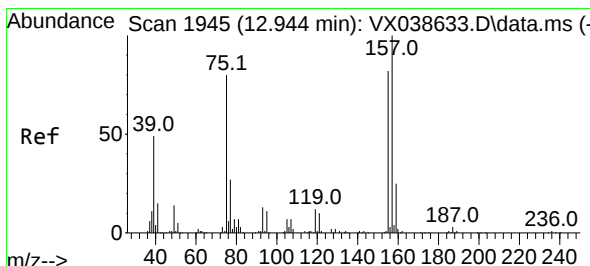
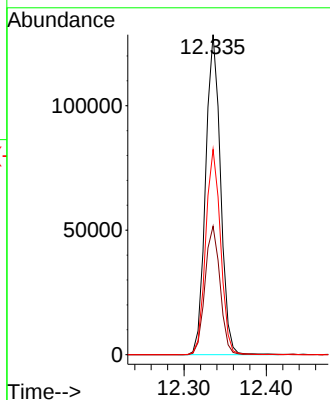
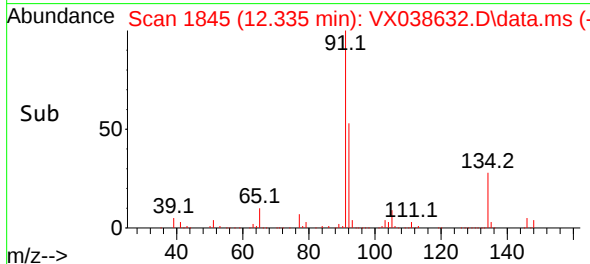
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020



Tgt Ion:146 Resp: 161548
Ion Ratio Lower Upper
146 100
111 40.6 22.4 67.0
148 64.1 31.6 95.0

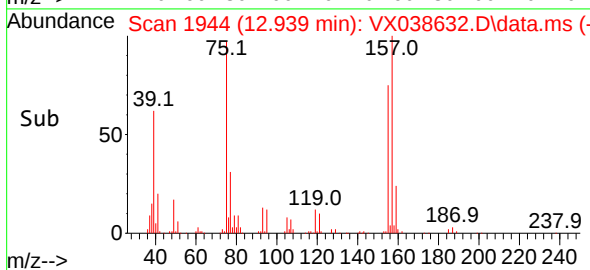
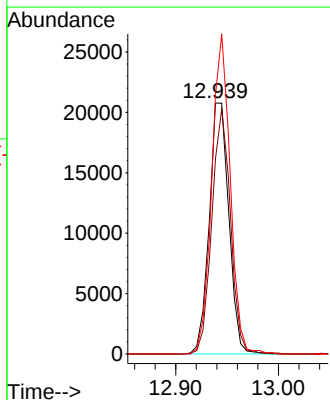
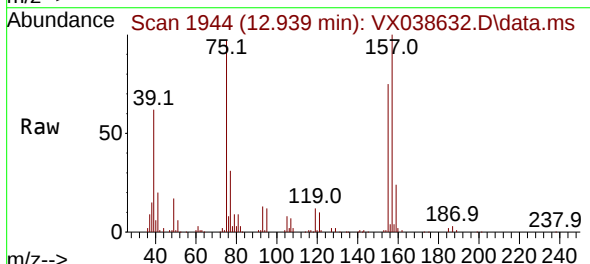
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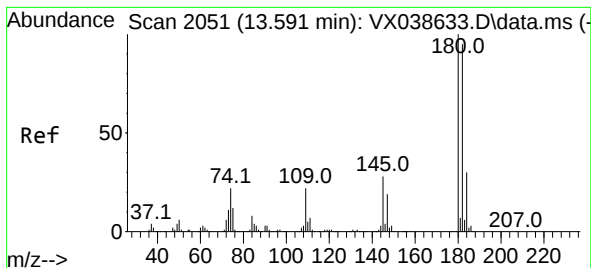
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.298 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion: 75 Resp: 27515
Ion Ratio Lower Upper
75 100
155 92.6 36.1 108.5
157 119.5 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 18.666 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.006 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC020

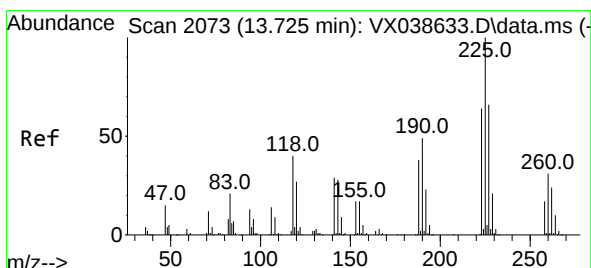
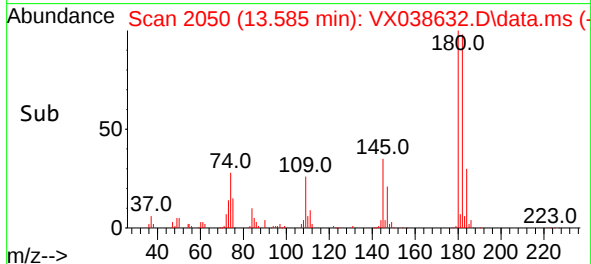
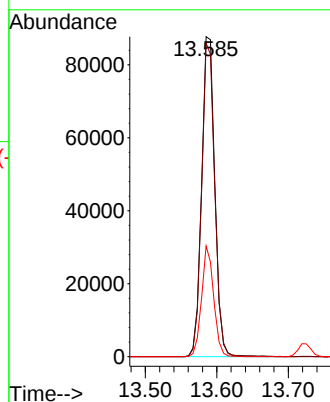
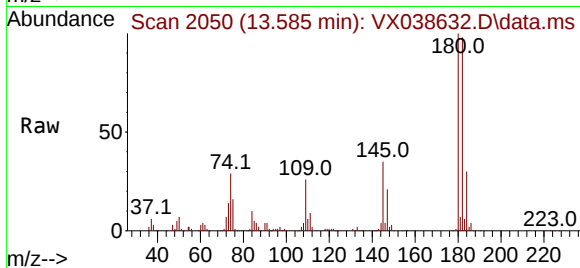
Tgt Ion:180	Resp:	11226
Ion Ratio	Lower	Upper
180	100	
182	96.9	48.3 144.8
145	31.8	18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#94

Hexachlorobutadiene

Concen: 18.314 ug/l

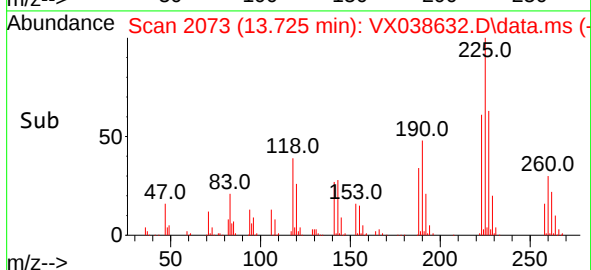
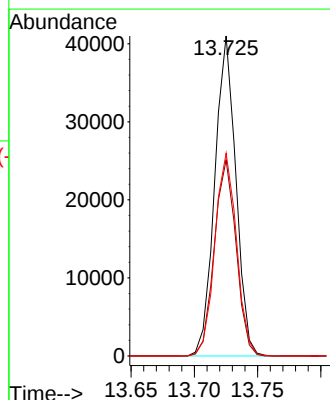
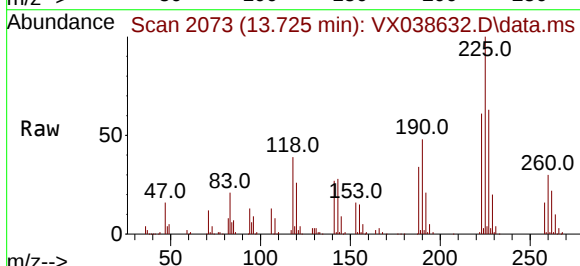
RT: 13.725 min Scan# 2073

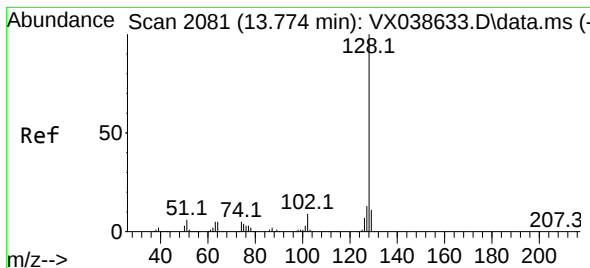
Delta R.T. 0.000 min

Lab File: VX038632.D

Acq: 07 Nov 2023 14:22

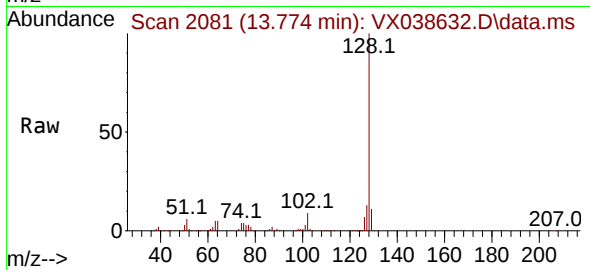
Tgt Ion:225	Resp:	47529
Ion Ratio	Lower	Upper
225	100	
223	62.9	31.1 93.2
227	64.9	32.5 97.5





#95
Naphthalene
Concen: 19.541 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

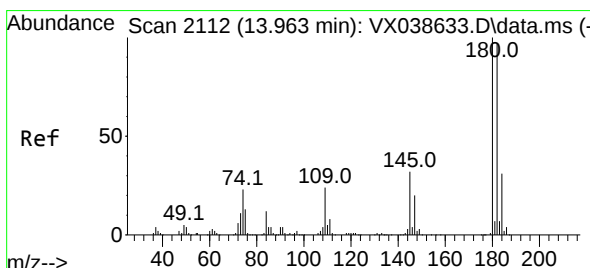
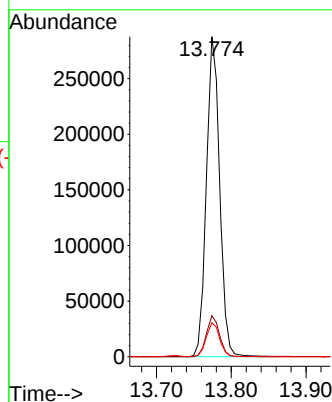
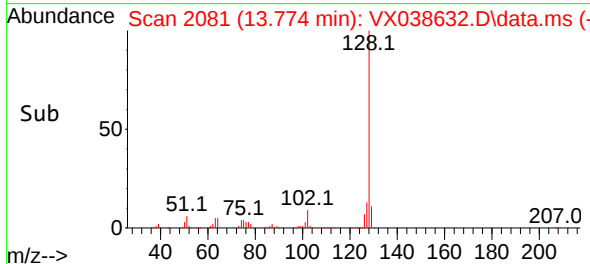
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020



Tgt Ion:128 Resp: 354518
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#96
1,2,3-Trichlorobenzene
Concen: 18.944 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038632.D
Acq: 07 Nov 2023 14:22

Tgt Ion:180 Resp: 112306
Ion Ratio Lower Upper
180 100
182 94.5 46.9 140.6
145 32.0 17.8 53.5

