

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110723\
 Data File : VX038637.D
 Acq On : 07 Nov 2023 16:52
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 08 03:07:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	339974	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	512197	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	493175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	290885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	383561	90.622	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 181.240%#			
35) Dibromofluoromethane	5.379	113	352872	95.655	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 191.320%#			
50) Toluene-d8	8.647	98	1245981	94.388	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 188.780%#			
62) 4-Bromofluorobenzene	11.079	95	501355	97.958	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 195.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	370887	105.050	ug/l	99
3) Chloromethane	1.300	50	284562	93.250	ug/l	98
4) Vinyl Chloride	1.374	62	318067	97.908	ug/l	99
5) Bromomethane	1.599	94	206257	82.258	ug/l	98
6) Chloroethane	1.672	64	189171	91.967	ug/l	97
7) Trichlorofluoromethane	1.880	101	568551	101.514	ug/l	100
8) Diethyl Ether	2.130	74	186962	97.243	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	338453	102.203	ug/l	90
10) Methyl Iodide	2.447	142	458528	112.114	ug/l	91
11) Tert butyl alcohol	2.971	59	407911	471.439	ug/l #	92
12) 1,1-Dichloroethene	2.312	96	312842	98.601	ug/l #	80
13) Acrolein	2.233	56	315841	481.619	ug/l	99
14) Allyl chloride	2.660	41	451840	99.426	ug/l #	94
15) Acrylonitrile	3.062	53	897179	491.328	ug/l	99
16) Acetone	2.379	43	867182	486.486	ug/l	90
17) Carbon Disulfide	2.507	76	829174	98.354	ug/l	98
18) Methyl Acetate	2.703	43	744047	97.974	ug/l #	88
19) Methyl tert-butyl Ether	3.111	73	1007673	99.316	ug/l	97
20) Methylene Chloride	2.782	84	337833	94.016	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	342391	99.124	ug/l	84
22) Diisopropyl ether	3.757	45	851920	99.465	ug/l #	83
23) Vinyl Acetate	3.715	43	3126563	514.295	ug/l #	91
24) 1,1-Dichloroethane	3.605	63	547299	96.583	ug/l	97
25) 2-Butanone	4.550	43	1271075	492.238	ug/l #	87
26) 2,2-Dichloropropane	4.471	77	517457	104.586	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	394218	98.833	ug/l	85
28) Bromochloromethane	4.891	49	243348	95.558	ug/l #	59
29) Tetrahydrofuran	4.995	42	791320	492.545	ug/l #	81
30) Chloroform	5.086	83	628652	94.552	ug/l	98
31) Cyclohexane	5.464	56	472761	100.923	ug/l	84
32) 1,1,1-Trichloroethane	5.379	97	592155	101.203	ug/l	96
36) 1,1-Dichloropropene	5.684	75	458816	100.125	ug/l	94
37) Ethyl Acetate	4.708	43	470447	100.553	ug/l #	94
38) Carbon Tetrachloride	5.672	117	538049	105.030	ug/l	99
39) Methylcyclohexane	7.379	83	605855	105.747	ug/l	90
40) Benzene	6.031	78	1301911	98.639	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	243959	102.350	ug/l #	87
42) 1,2-Dichloroethane	6.080	62	476984	100.156	ug/l	96
43) Isopropyl Acetate	6.336	43	743646	103.387	ug/l #	92
44) Trichloroethene	7.123	130	416316	101.376	ug/l	89
45) 1,2-Dichloropropane	7.427	63	321650	100.810	ug/l	99
46) Dibromomethane	7.580	93	267010	100.067	ug/l #	85
47) Bromodichloromethane	7.818	83	499963	99.630	ug/l	98
48) Methyl methacrylate	7.689	41	359792	103.794	ug/l #	84
49) 1,4-Dioxane	7.659	88	164397	2083.275	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	2357033	502.955	ug/l	91
52) Toluene	8.714	92	879079	101.672	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	552401	108.124	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	568607	105.427	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	368534	100.456	ug/l	97
56) Ethyl methacrylate	9.116	69	555540	108.234	ug/l	87
57) 1,3-Dichloropropane	9.305	76	569593	99.683	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	1319578	522.887	ug/l	90
59) 2-Hexanone	9.433	43	1943560	512.552	ug/l	90
60) Dibromochloromethane	9.518	129	435641	105.783	ug/l	100
61) 1,2-Dibromoethane	9.610	107	420779	102.056	ug/l	100
64) Tetrachloroethene	9.275	164	368271	99.760	ug/l	95
65) Chlorobenzene	10.079	112	1013047	100.907	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	392478	103.993	ug/l	98
67) Ethyl Benzene	10.195	91	1742987	102.637	ug/l	96
68) m/p-Xylenes	10.299	106	1393075	206.691	ug/l	93
69) o-Xylene	10.640	106	683324	104.256	ug/l	94
70) Styrene	10.652	104	1136925	105.102	ug/l	95
71) Bromoform	10.799	173	368826	110.721	ug/l #	99
73) Isopropylbenzene	10.963	105	1779216	99.700	ug/l	96
74) N-amyl acetate	10.841	43	666057	107.419	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	593758	96.242	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	575496m	99.896	ug/l	
77) Bromobenzene	11.195	156	482685	98.553	ug/l	81
78) n-propylbenzene	11.305	91	2073362	99.841	ug/l	96
79) 2-Chlorotoluene	11.366	91	1232804	99.156	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1552360	101.073	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	202463	99.899	ug/l #	84
82) 4-Chlorotoluene	11.451	91	1443892	99.409	ug/l	92
83) tert-Butylbenzene	11.713	119	1564786	100.546	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	1556298	102.164	ug/l	95
85) sec-Butylbenzene	11.890	105	1966326	101.257	ug/l	95
86) p-Isopropyltoluene	12.012	119	1715983	103.731	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	931010	99.425	ug/l	96
88) 1,4-Dichlorobenzene	12.042	146	940729	97.740	ug/l	96
89) n-Butylbenzene	12.335	91	1550885	105.351	ug/l	97
90) Hexachloroethane	12.536	117	309654	110.508	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	893952	97.755	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	157560	101.614	ug/l	67
93) 1,2,4-Trichlorobenzene	13.585	180	666564	101.908	ug/l	97
94) Hexachlorobutadiene	13.725	225	290841	103.048	ug/l	99
95) Naphthalene	13.774	128	2004305	101.587	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	644875	100.027	ug/l	97

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MSVOA_X
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VSTDICC100

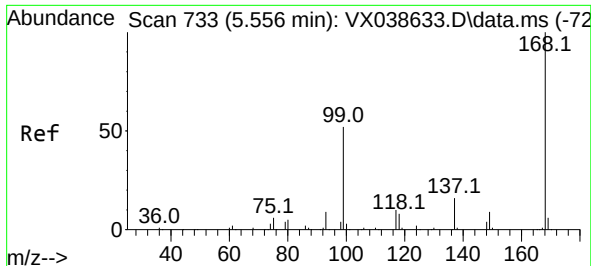
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/08/2023

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Quant Title : SW846 8260
QLast Update : Wed Nov 08 01:38:47 2023
Response via : Initial Calibration

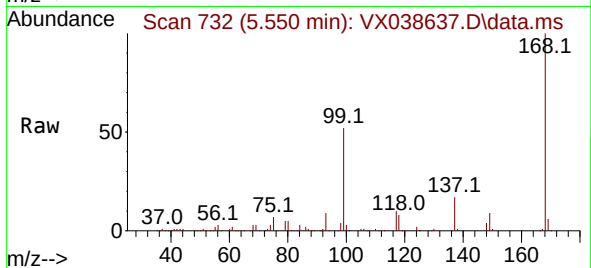
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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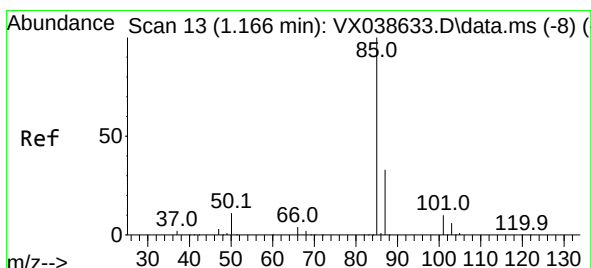
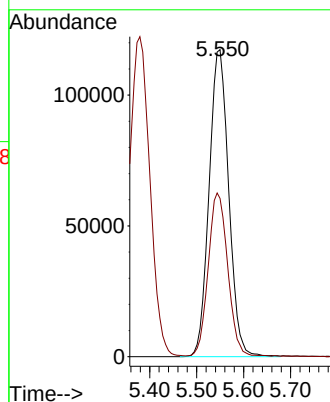
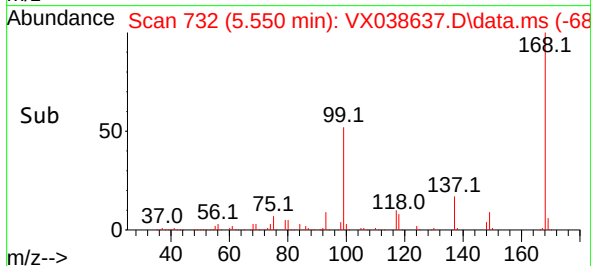
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:168 Resp: 339974
Ion Ratio Lower Upper
168 100
99 51.4 56.6 85.0

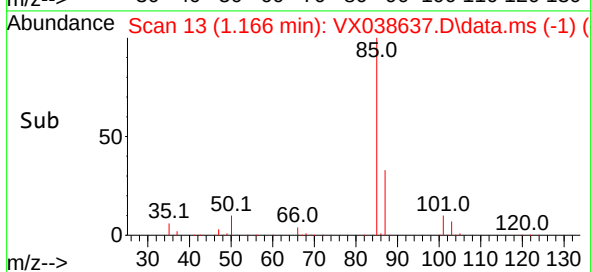
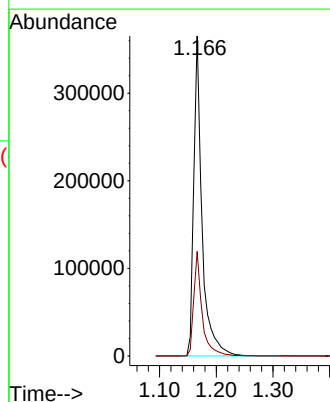
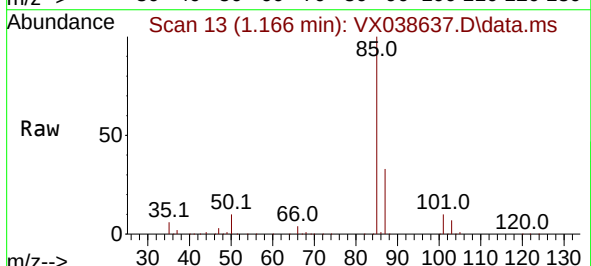
Manual Integrations
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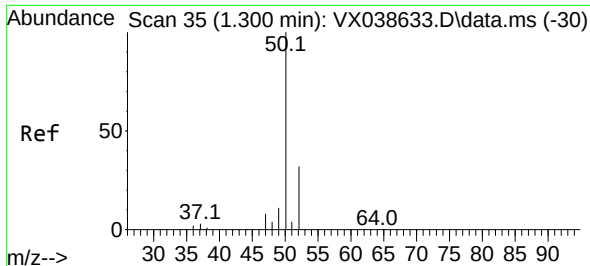
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#2
Dichlorodifluoromethane
Concen: 105.050 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

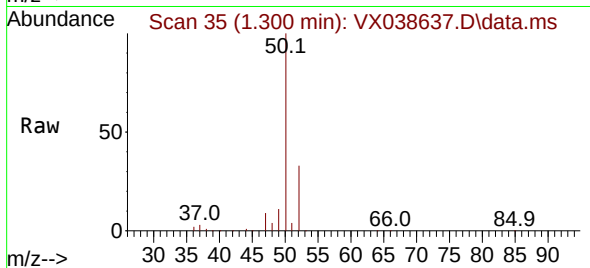
Tgt Ion: 85 Resp: 370887
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





#3
Chloromethane
Concen: 93.250 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

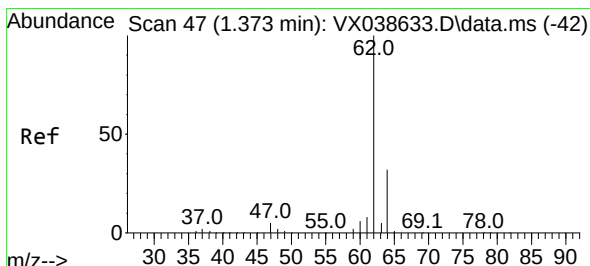
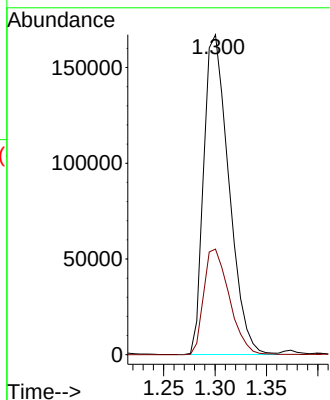
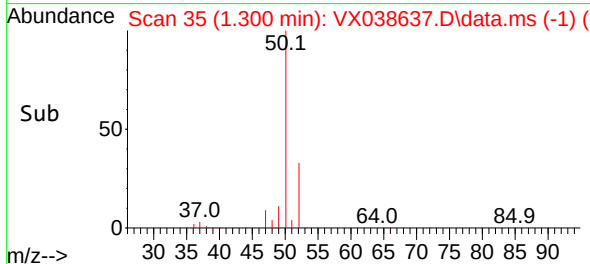
Instrument :
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VSTDICC100



Tgt Ion: 50 Resp: 284562
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3

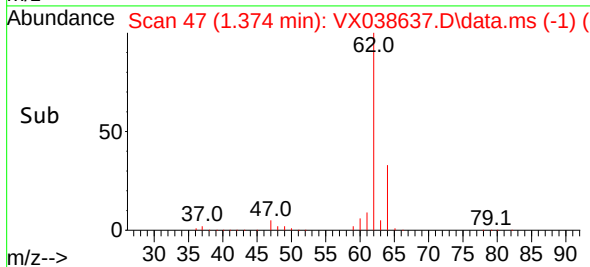
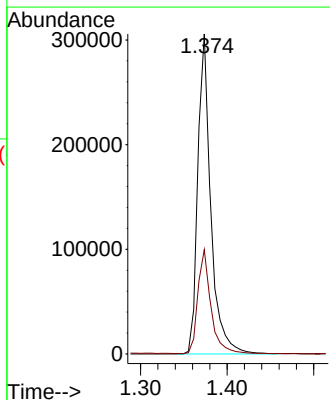
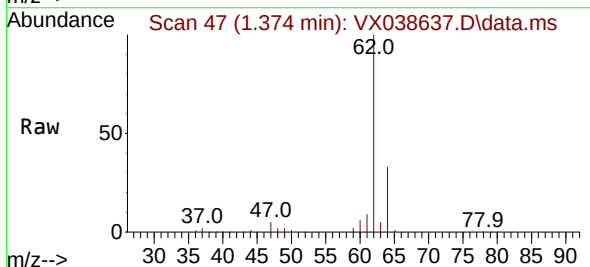
Manual Integrations
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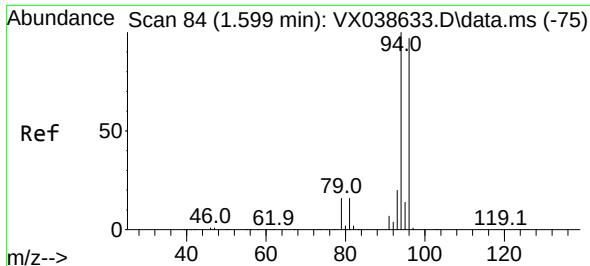
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#4
Vinyl Chloride
Concen: 97.908 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 62 Resp: 318067
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





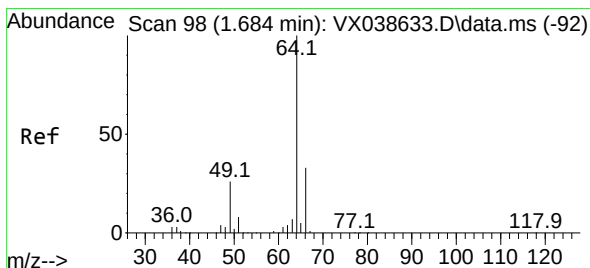
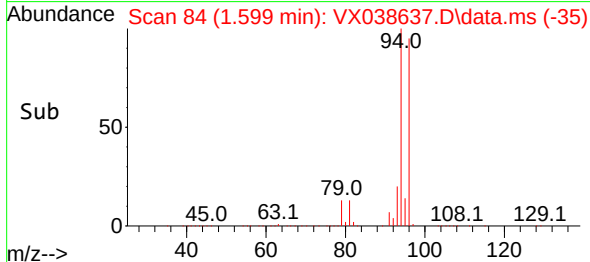
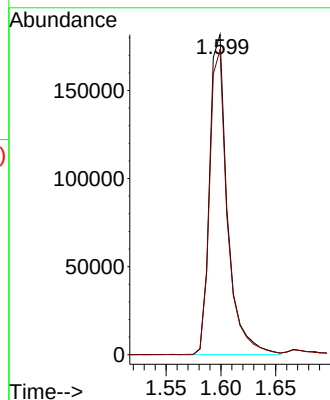
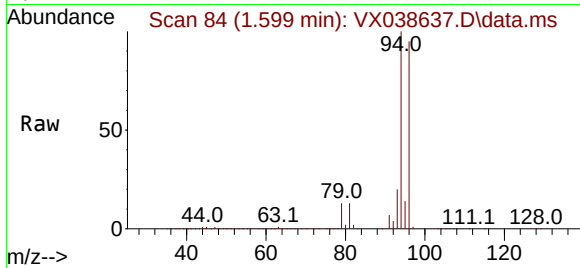
#5
Bromomethane
Concen: 82.258 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 20625
Ion Ratio Lower Upper
94 100
96 95.3 74.6 111.8

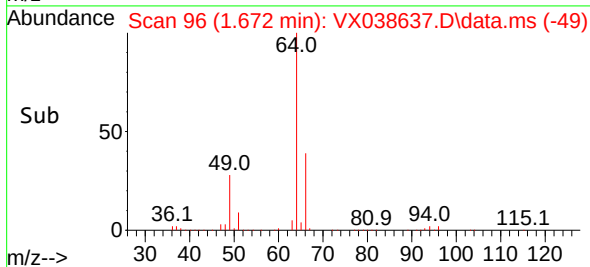
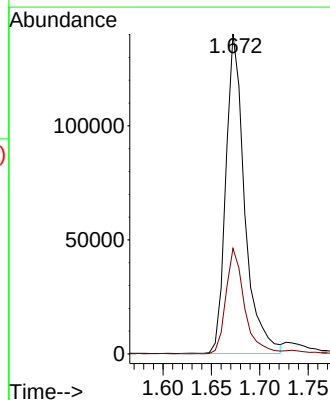
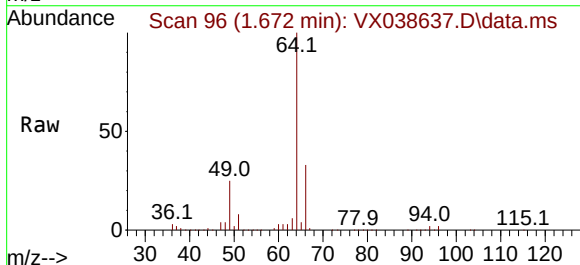
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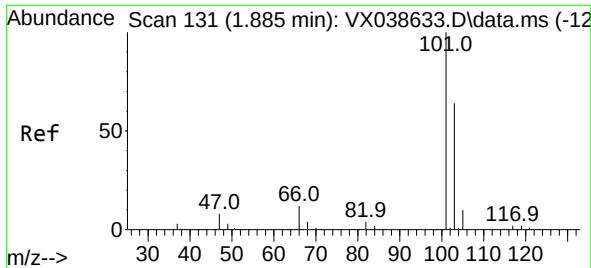
Reviewed By :John Carlone 11/08/2023
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#6
Chloroethane
Concen: 91.967 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX038637.D
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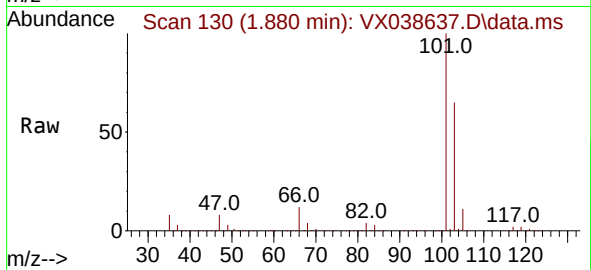
Tgt Ion: 64 Resp: 189171
Ion Ratio Lower Upper
64 100
66 33.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 101.514 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038637.D
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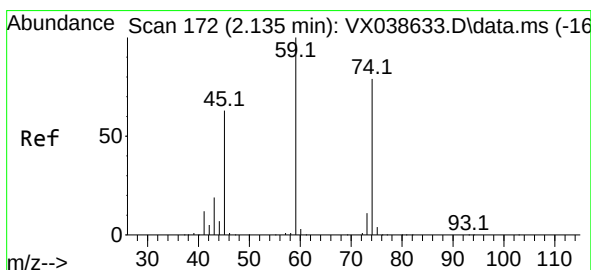
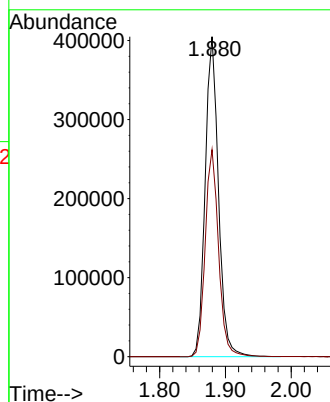
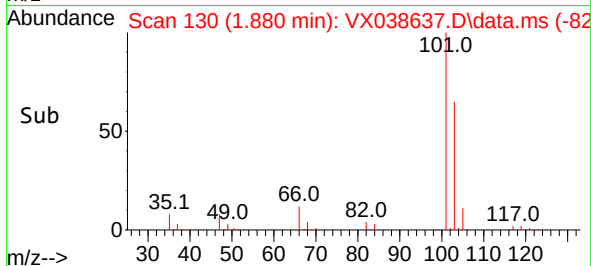
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:101 Resp: 56855
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

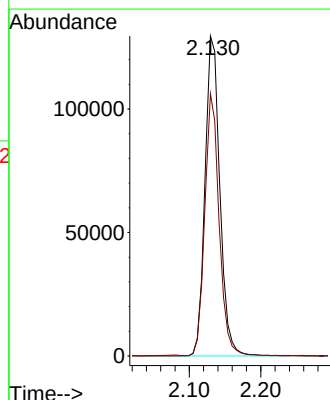
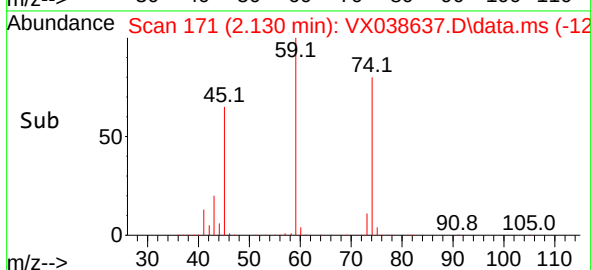
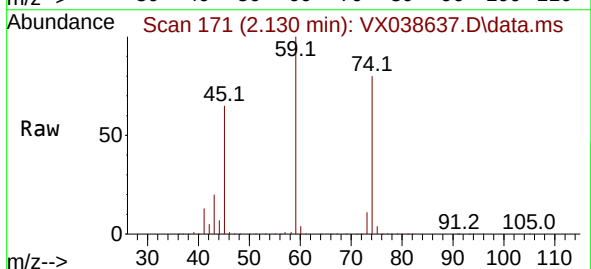
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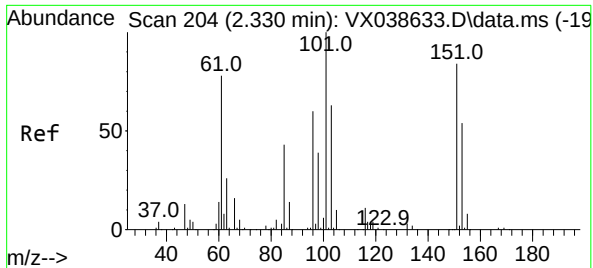
Reviewed By :John Carlone 11/08/2023
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#8
Diethyl Ether
Concen: 97.243 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 186962
Ion Ratio Lower Upper
74 100
45 79.3 53.3 159.8





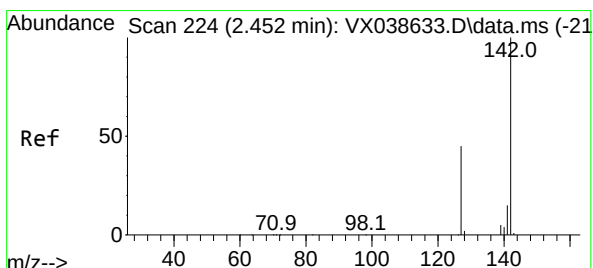
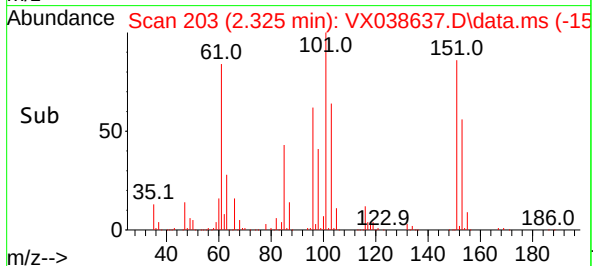
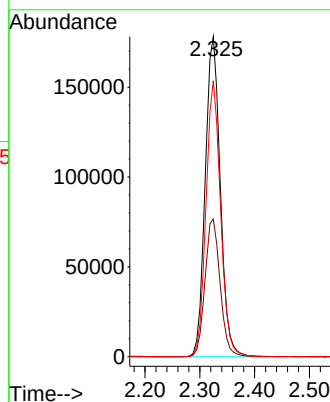
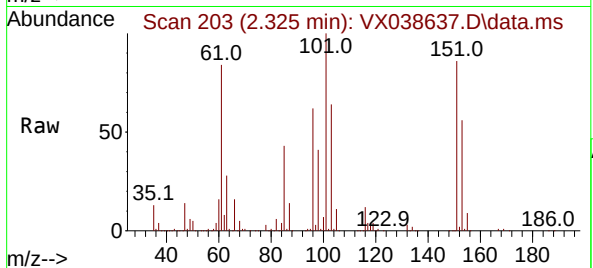
#9
1,1,2-Trichlorotrifluoroethane
Concen: 102.203 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 33845
Ion Ratio Lower Upper
101 100
85 43.3 37.0 55.6
151 83.9 58.6 87.8

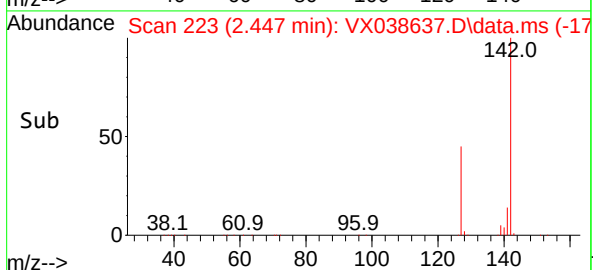
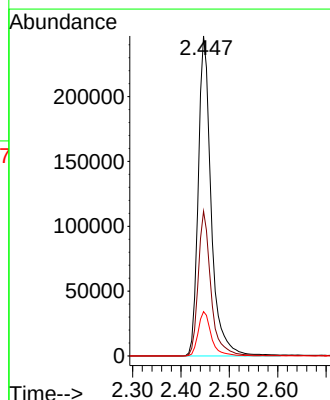
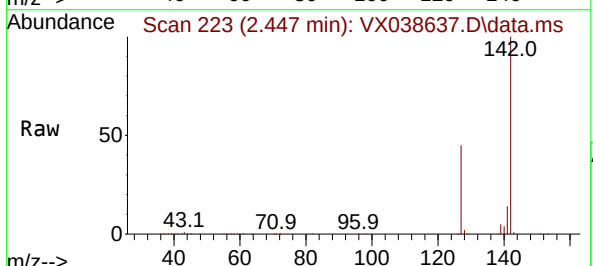
Manual Integrations
APPROVED

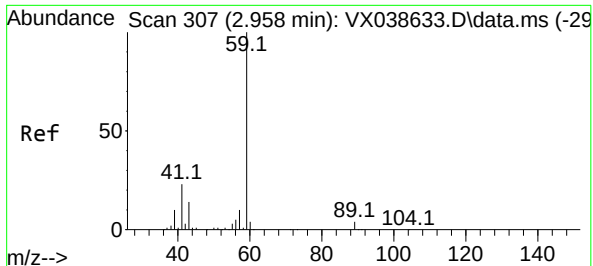
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#10
Methyl Iodide
Concen: 112.114 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion:142 Resp: 458528
Ion Ratio Lower Upper
142 100
127 44.5 41.6 62.4
141 14.0 11.6 17.4





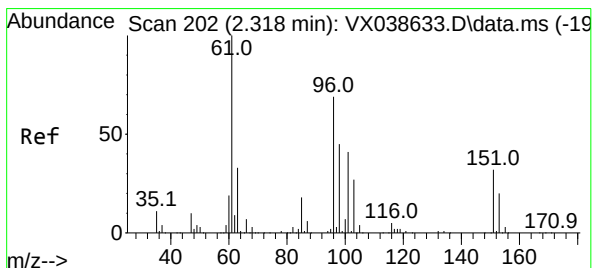
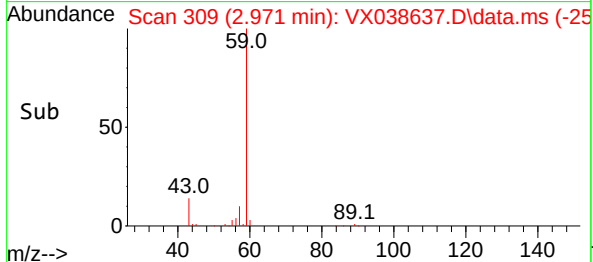
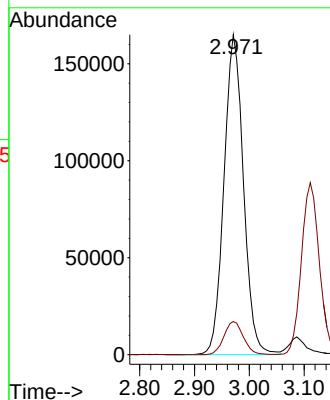
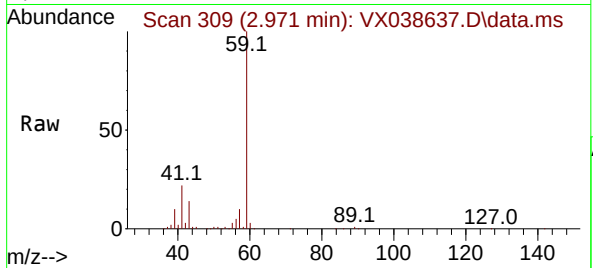
#11
Tert butyl alcohol
Concen: 471.439 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.012 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 40791
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

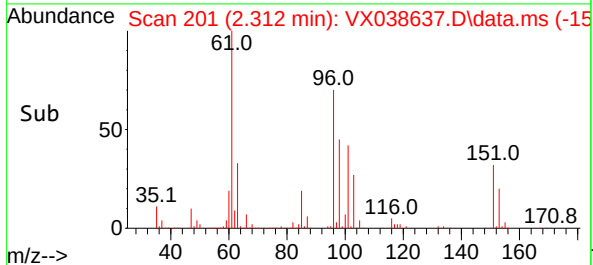
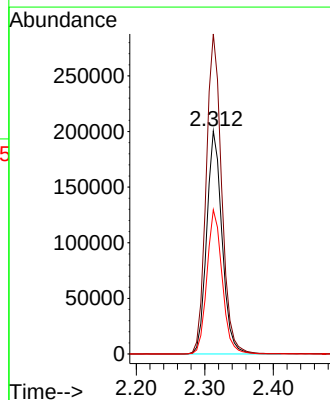
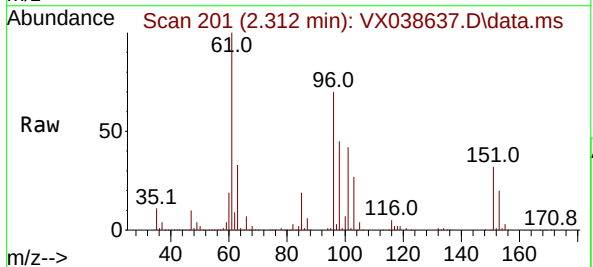
Manual Integrations
APPROVED

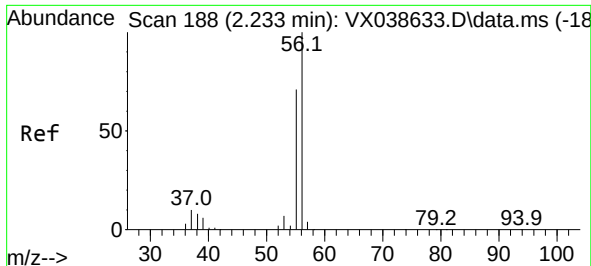
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#12
1,1-Dichloroethene
Concen: 98.601 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

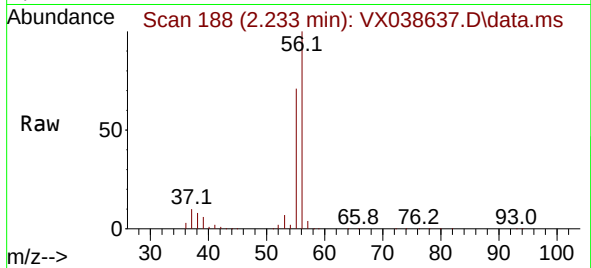
Tgt Ion: 96 Resp: 312842
Ion Ratio Lower Upper
96 100
61 143.5 144.6 216.8#
98 64.6 50.4 75.6





#13
Acrolein
Concen: 481.619 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

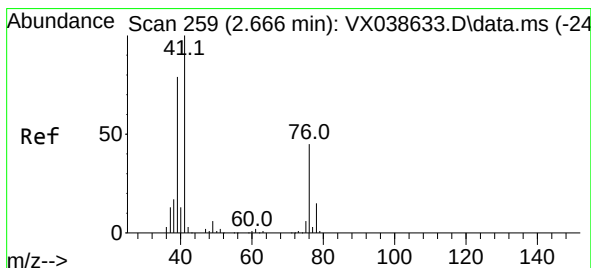
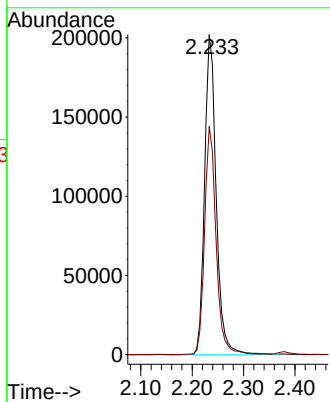
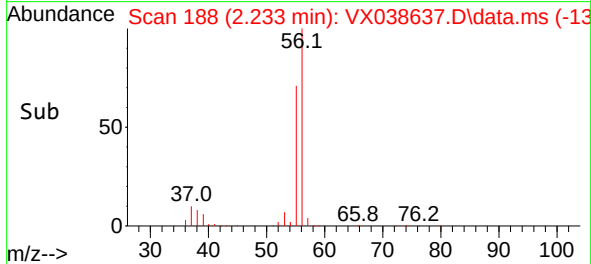
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 31584
Ion Ratio Lower Upper
56 100
55 71.0 57.1 85.7

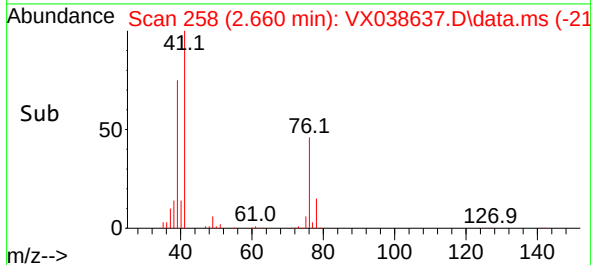
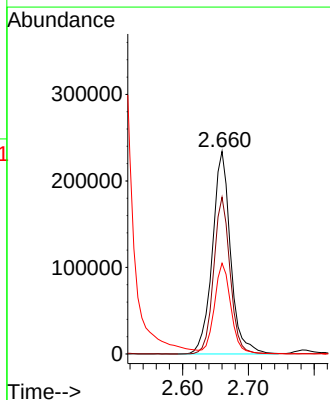
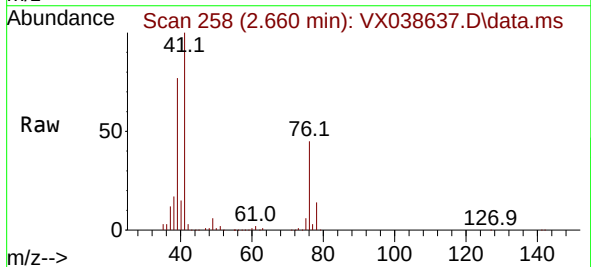
Manual Integrations
APPROVED

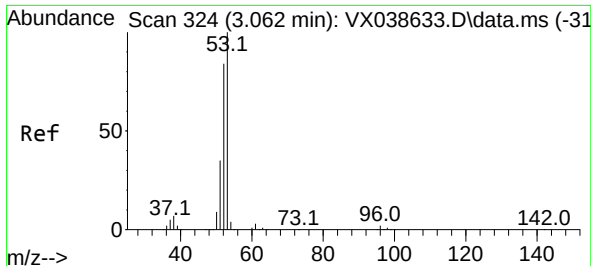
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#14
Allyl chloride
Concen: 99.426 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

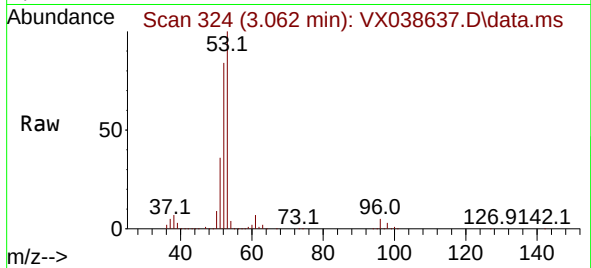
Tgt Ion: 41 Resp: 451840
Ion Ratio Lower Upper
41 100
39 69.9 55.8 83.6
76 40.6 24.3 36.5#





#15
Acrylonitrile
Concen: 491.328 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

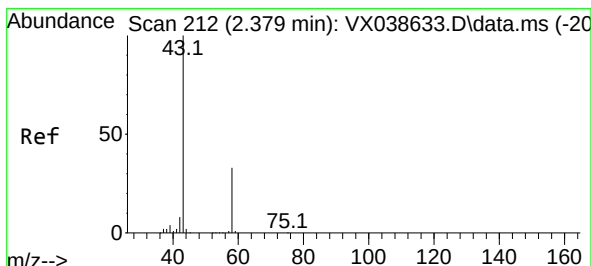
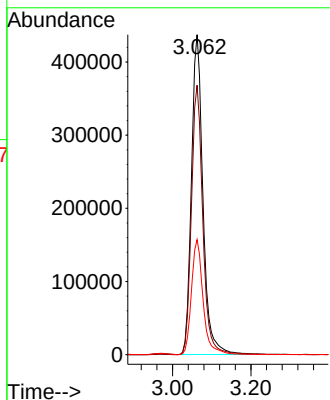
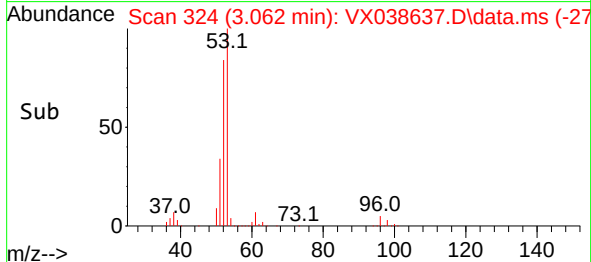
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 897179
Ion Ratio Lower Upper
53 100
52 83.5 66.0 99.0
51 36.4 29.8 44.6

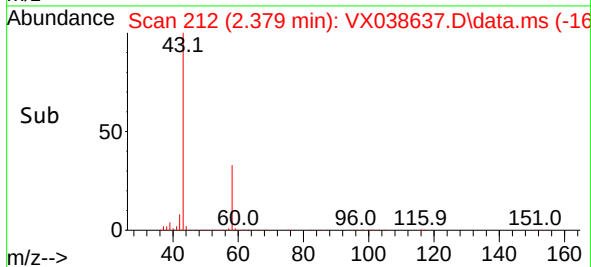
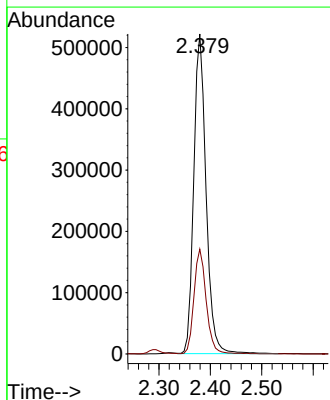
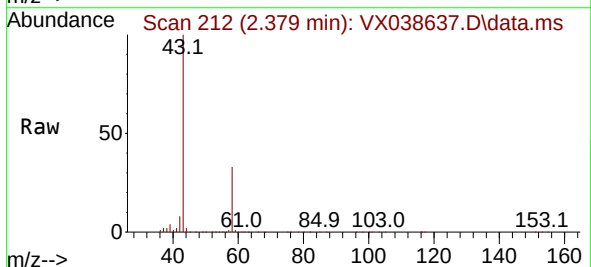
Manual Integrations
APPROVED

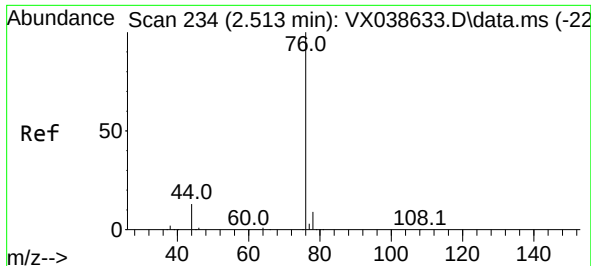
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#16
Acetone
Concen: 486.486 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 43 Resp: 867182
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#17

Carbon Disulfide

Concen: 98.354 ug/l

RT: 2.507 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 829174

Ion Ratio Lower Upper

76 100

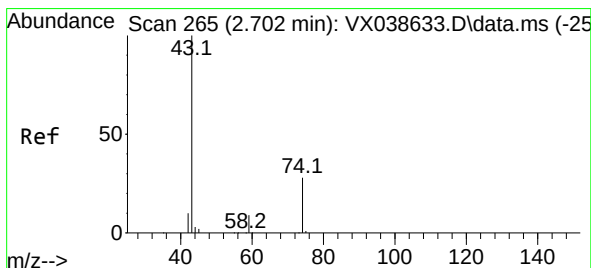
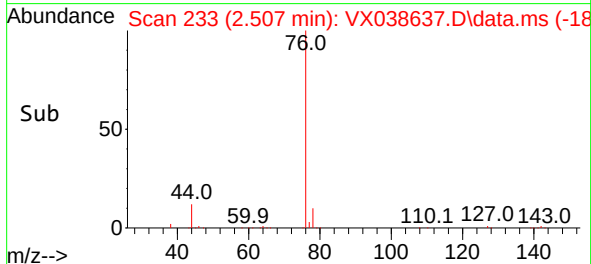
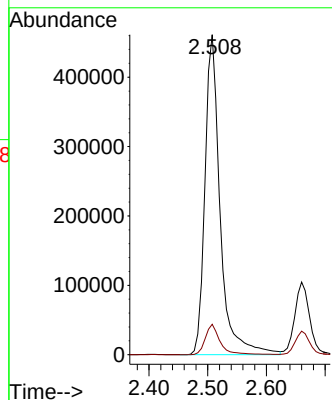
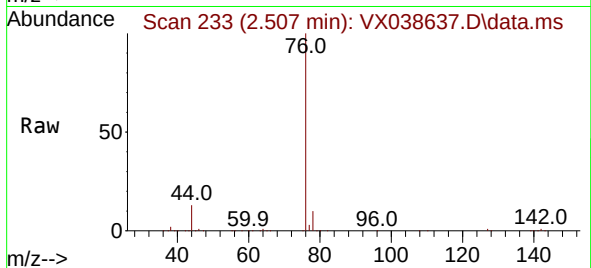
78 9.5 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#18

Methyl Acetate

Concen: 97.974 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX038637.D

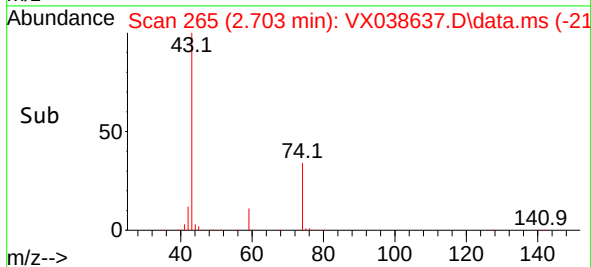
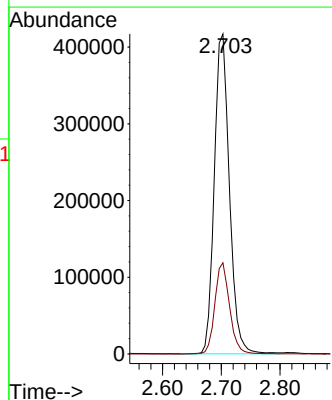
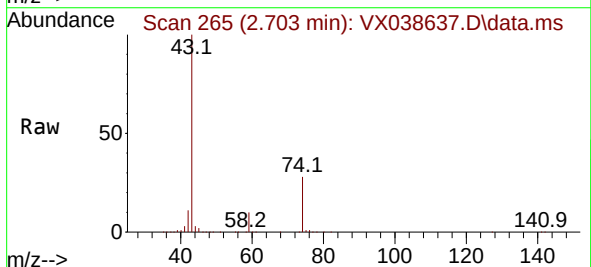
Acq: 07 Nov 2023 16:52

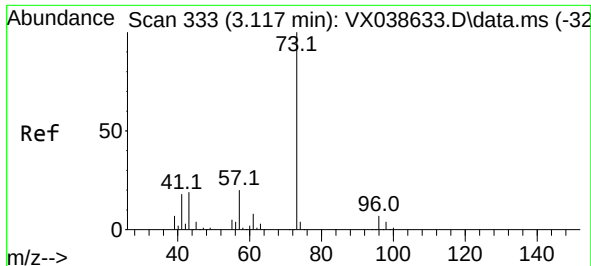
Tgt Ion: 43 Resp: 744047

Ion Ratio Lower Upper

43 100

74 28.0 17.8 26.8#





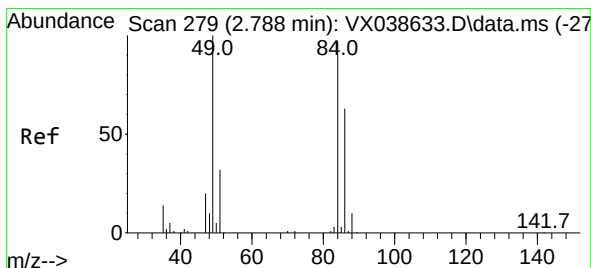
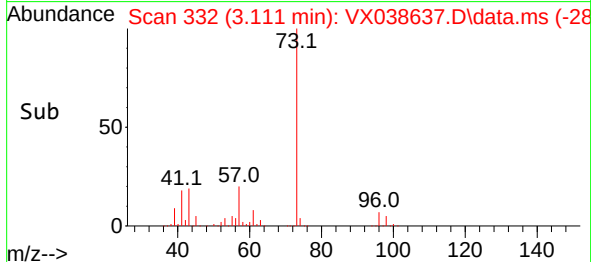
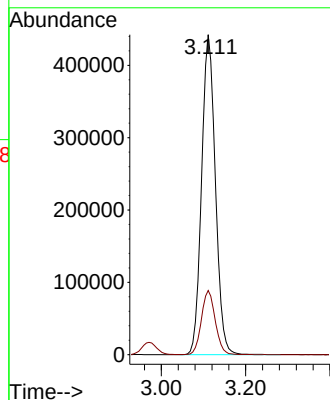
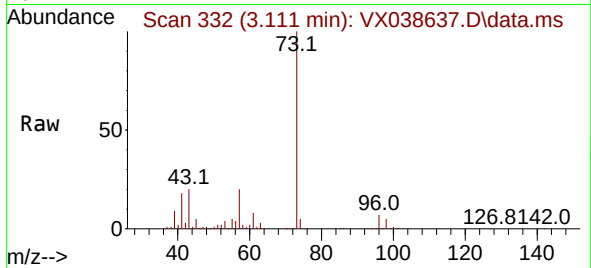
#19
Methyl tert-butyl Ether
Concen: 99.316 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 100767
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

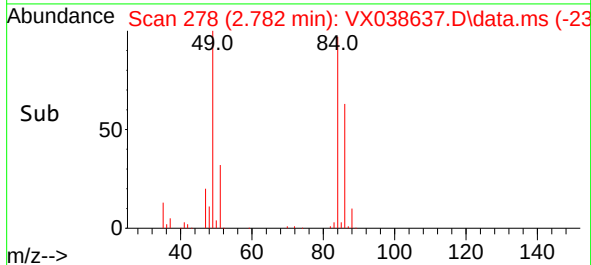
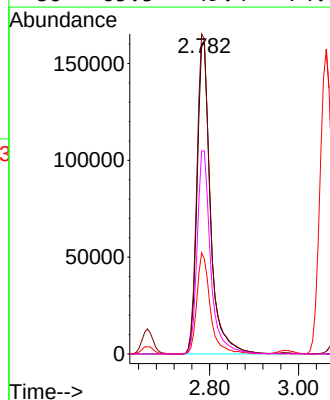
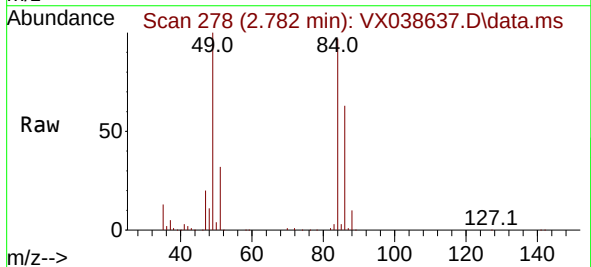
Manual Integrations
APPROVED

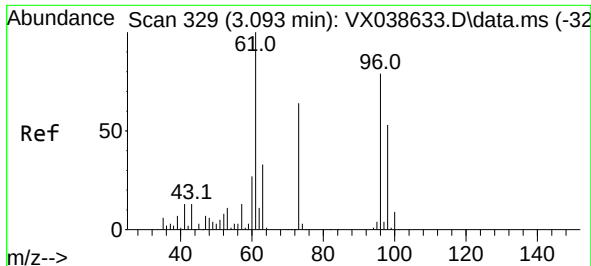
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#20
Methylene Chloride
Concen: 94.016 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

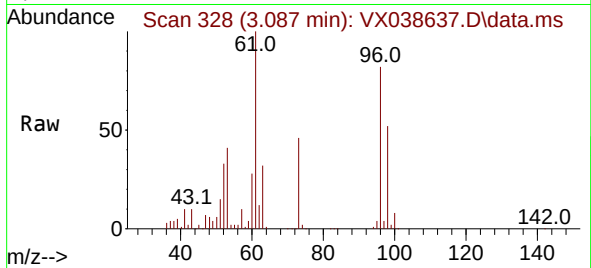
Tgt Ion: 84 Resp: 337833
Ion Ratio Lower Upper
84 100
49 103.2 103.6 155.4#
51 32.6 33.8 50.6#
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 99.124 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

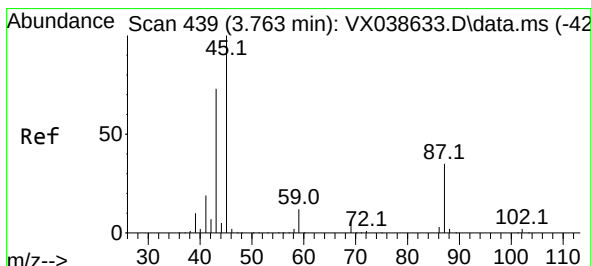
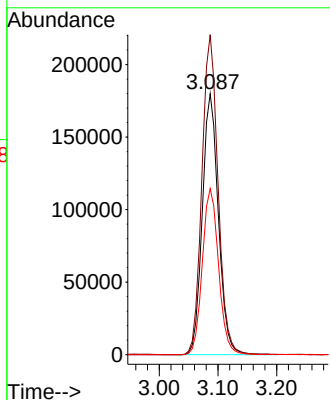
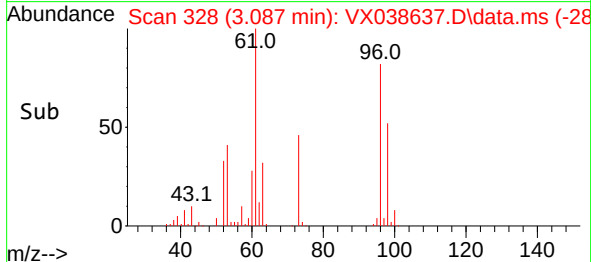
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



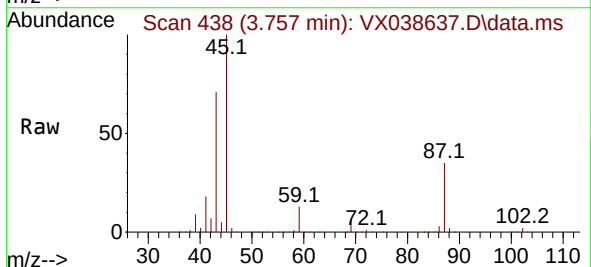
Tgt Ion: 96 Resp: 34239
Ion Ratio Lower Upper
96 100
61 122.6 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
APPROVED

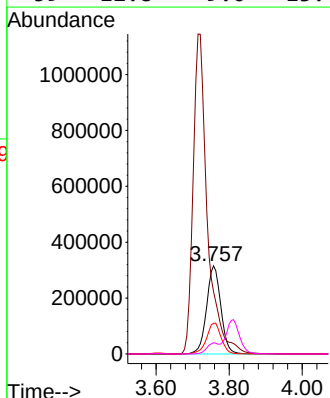
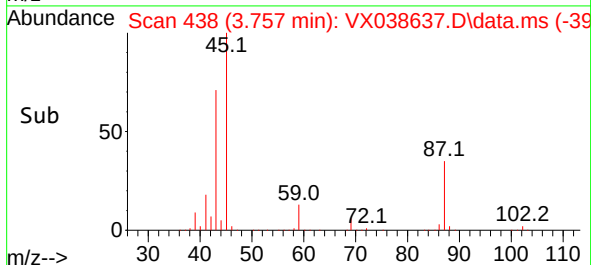
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

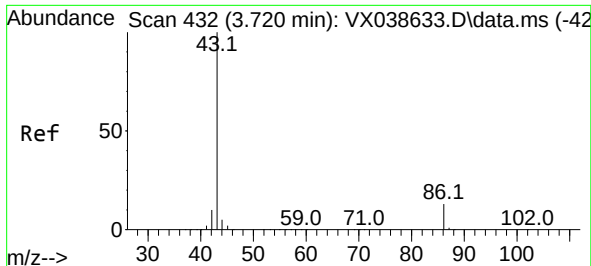


#22
Diisopropyl ether
Concen: 99.465 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52



Tgt Ion: 45 Resp: 851920
Ion Ratio Lower Upper
45 100
43 70.5 69.7 104.5
87 34.8 20.8 31.2#
59 12.8 9.0 13.4





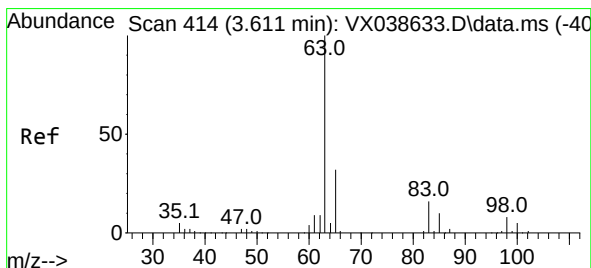
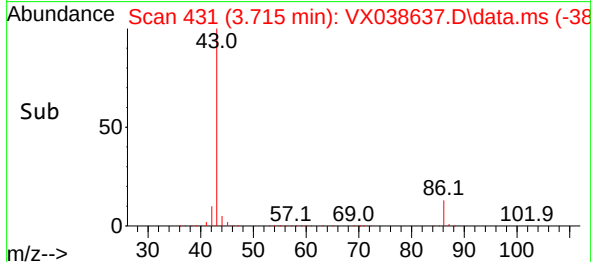
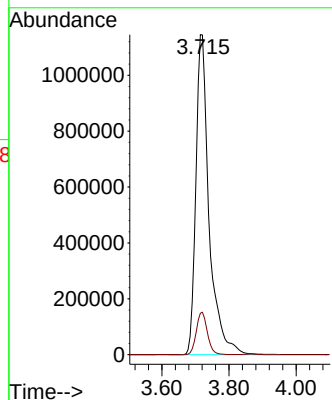
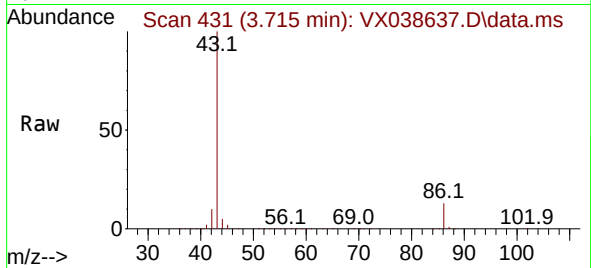
#23
 Vinyl Acetate
 Concen: 514.295 ug/l
 RT: 3.715 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038637.D
 Acq: 07 Nov 2023 16:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 312656
 Ion Ratio Lower Upper
 43 100
 86 13.0 7.8 11.8

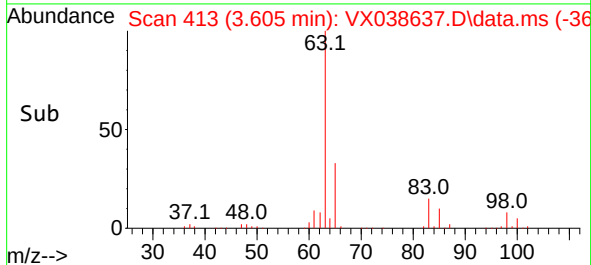
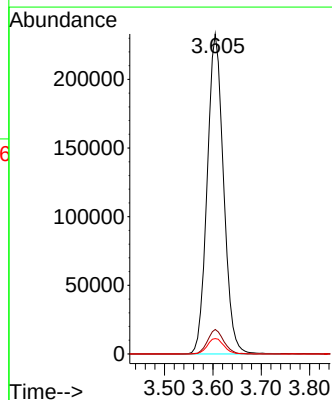
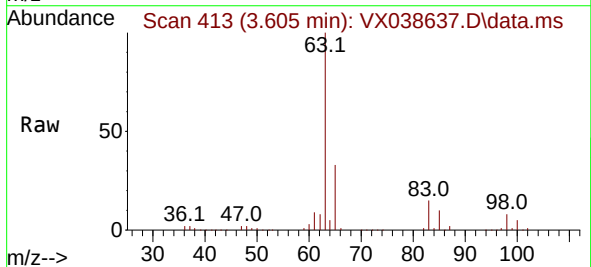
Manual Integrations
 APPROVED

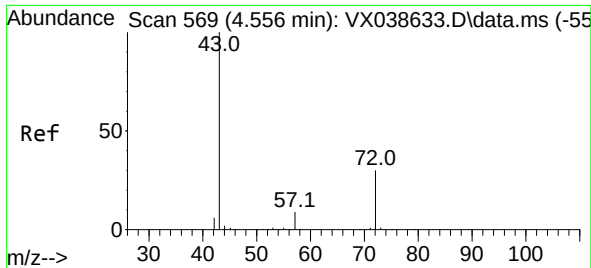
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#24
 1,1-Dichloroethane
 Concen: 96.583 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX038637.D
 Acq: 07 Nov 2023 16:52

Tgt Ion: 63 Resp: 547299
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 4.8 2.1 6.5





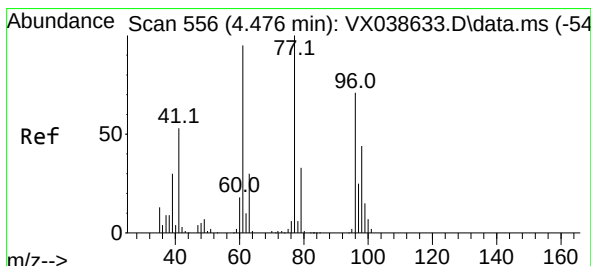
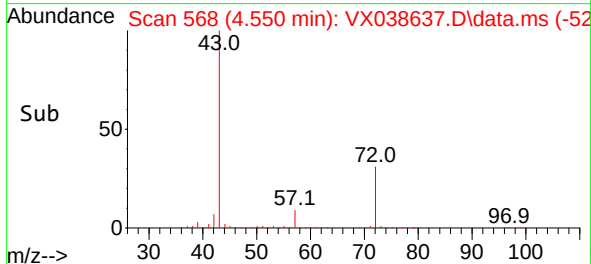
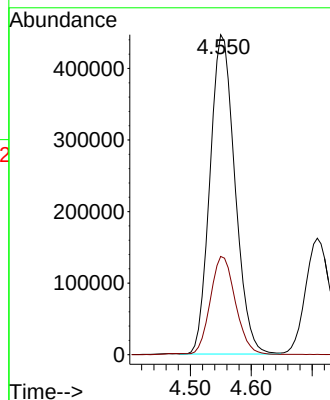
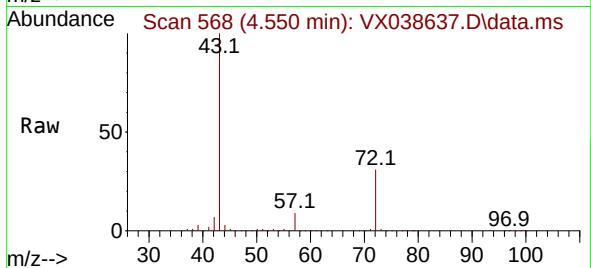
#25
2-Butanone
Concen: 492.238 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 127107
Ion Ratio Lower Upper
43 100
72 30.6 19.4 29.2

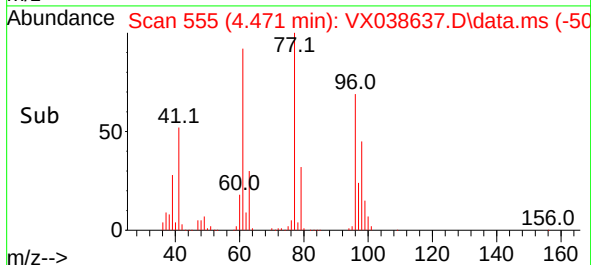
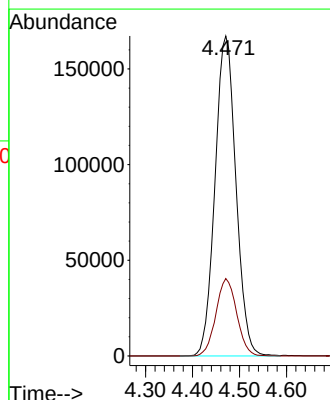
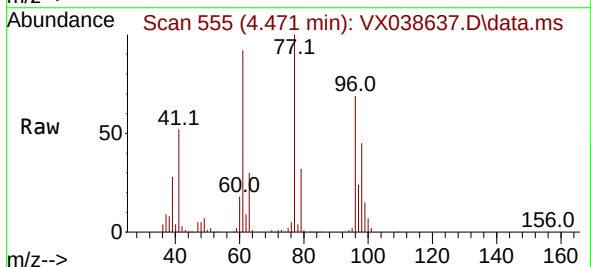
Manual Integrations
APPROVED

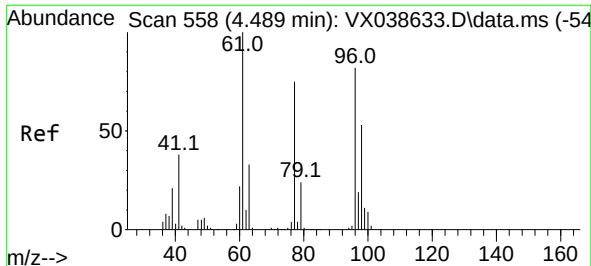
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#26
2,2-Dichloropropane
Concen: 104.586 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 77 Resp: 517457
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 98.833 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 96 Resp: 394218

Ion Ratio Lower Upper

96 100

61 129.8 0.0 312.2

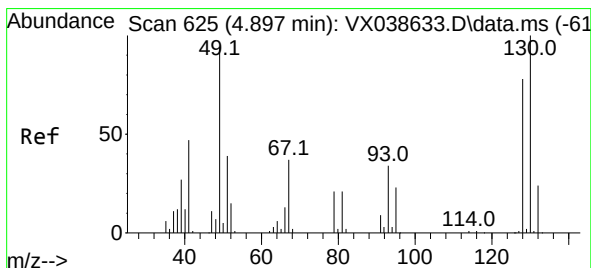
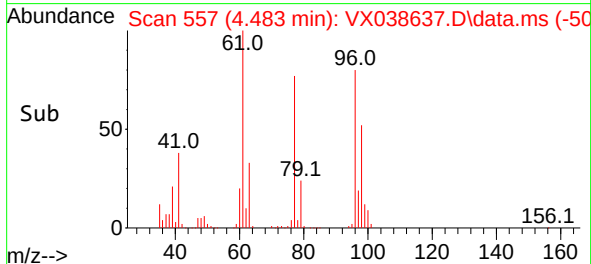
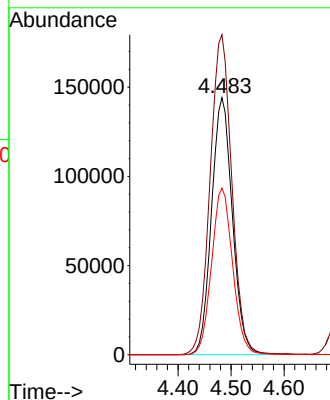
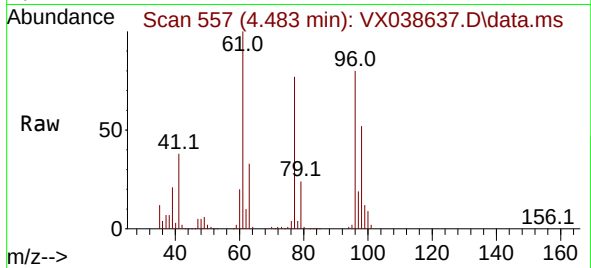
98 65.5 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#28

Bromochloromethane

Concen: 95.558 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

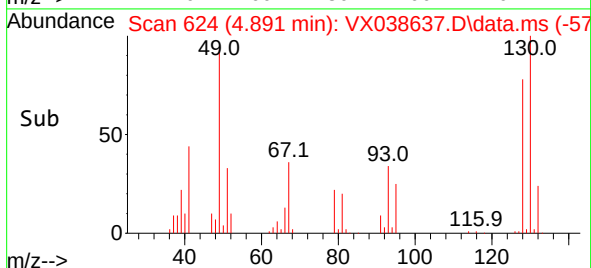
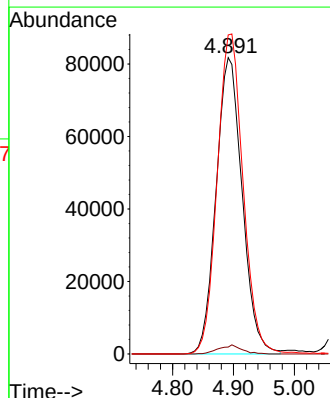
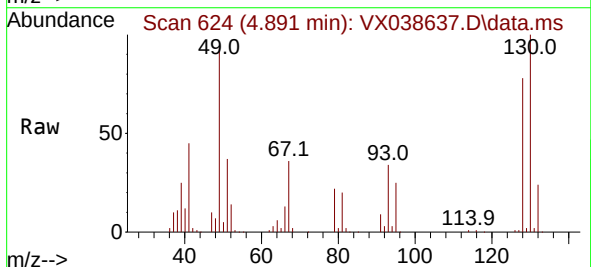
Tgt Ion: 49 Resp: 243348

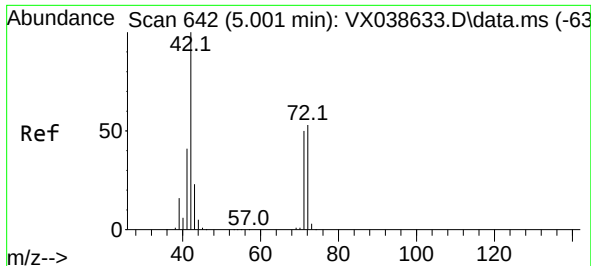
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 107.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 492.545 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 791320

Ion Ratio Lower Upper

42 100

72 55.1 34.2 51.4

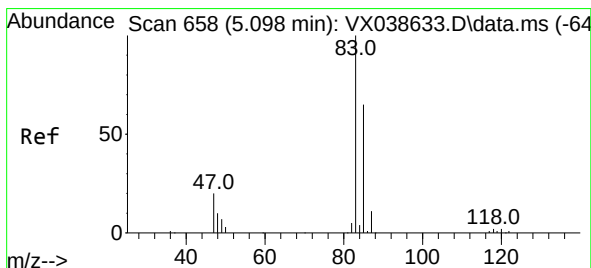
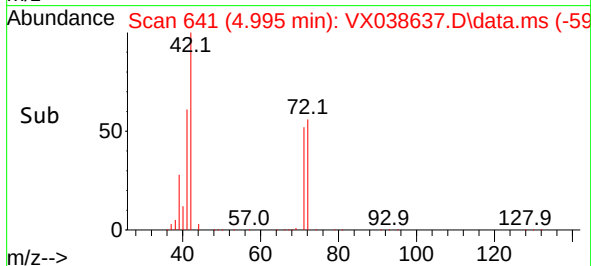
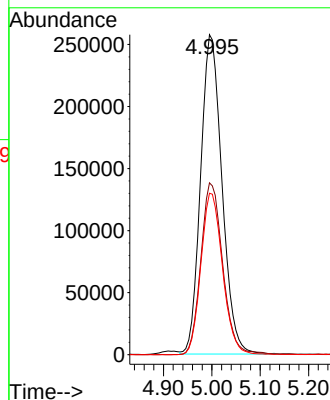
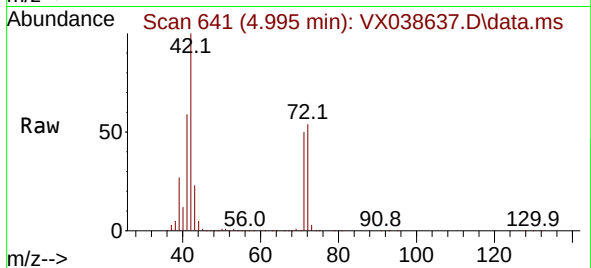
71 51.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#30

Chloroform

Concen: 94.552 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX038637.D

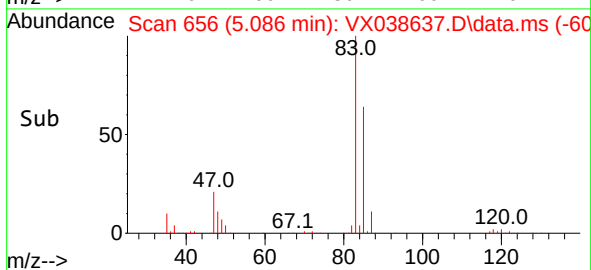
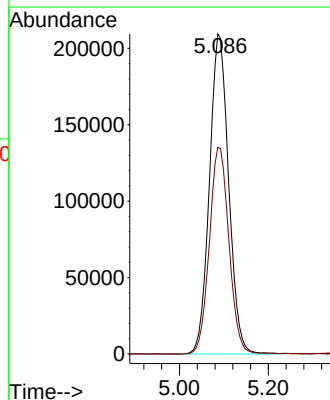
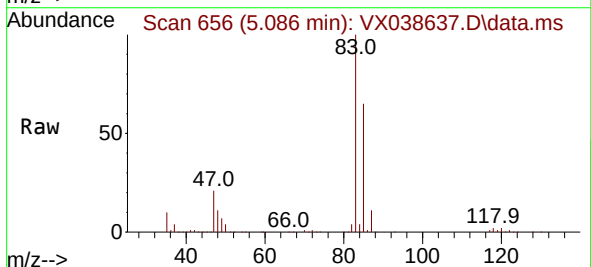
Acq: 07 Nov 2023 16:52

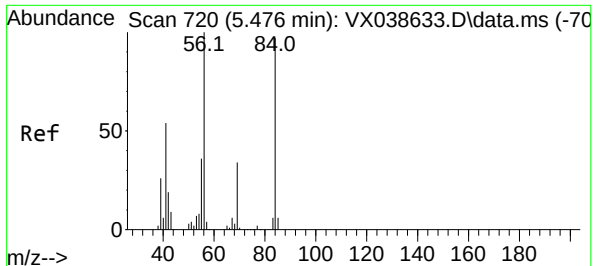
Tgt Ion: 83 Resp: 628652

Ion Ratio Lower Upper

83 100

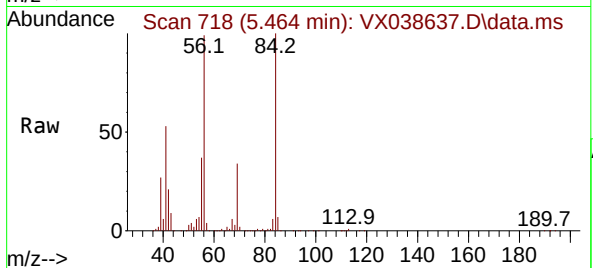
85 64.5 50.3 75.5





#31
Cyclohexane
Concen: 100.923 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

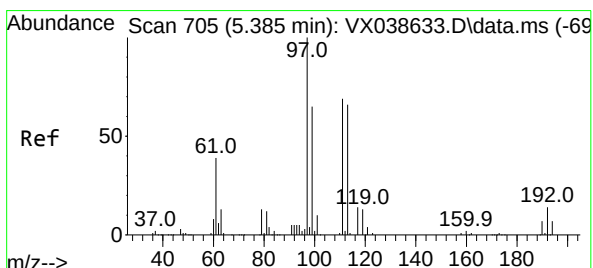
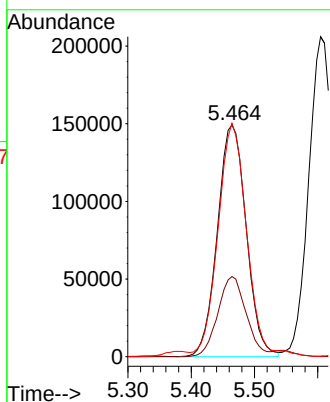
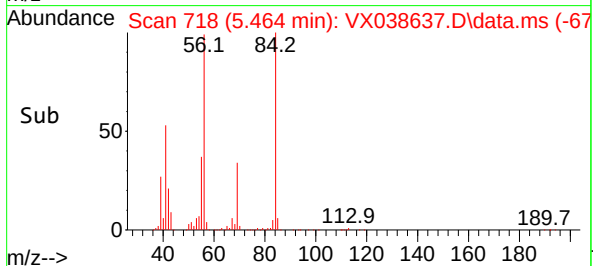
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 47276
Ion Ratio Lower Upper
56 100
69 34.6 23.4 35.2
84 98.5 65.9 98.9

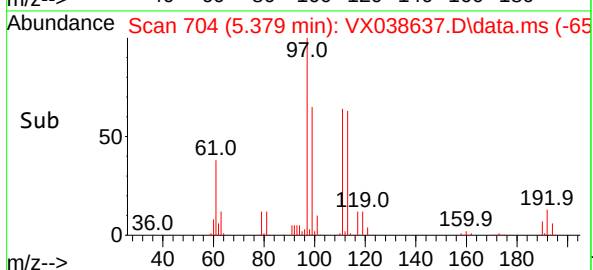
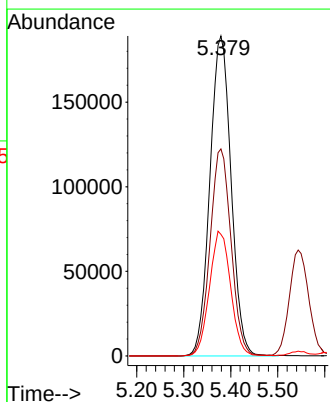
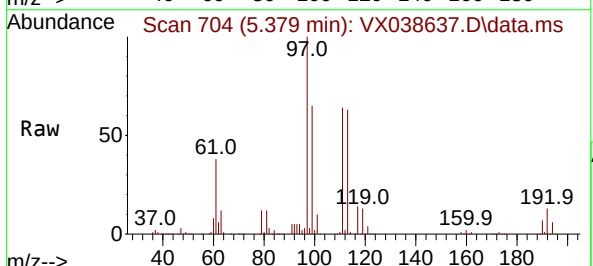
Manual Integrations
APPROVED

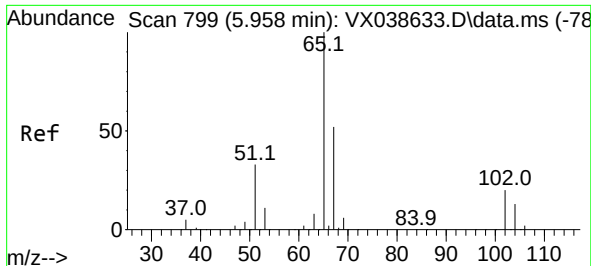
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#32
1,1,1-Trichloroethane
Concen: 101.203 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 97 Resp: 592155
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 39.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 90.622 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 38356

Ion Ratio Lower Upper

65 100

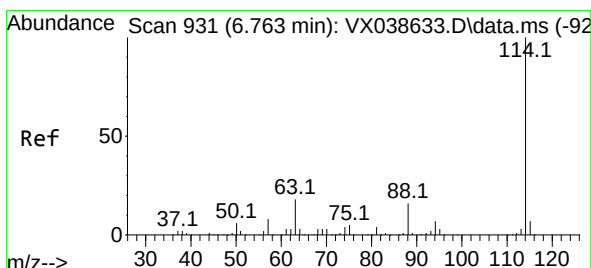
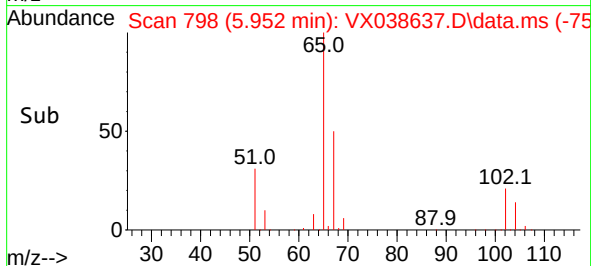
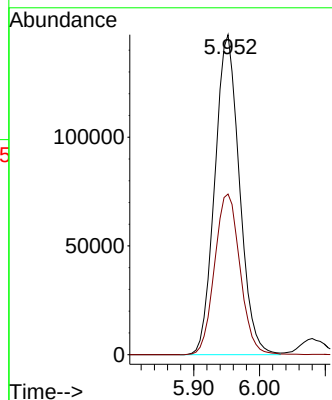
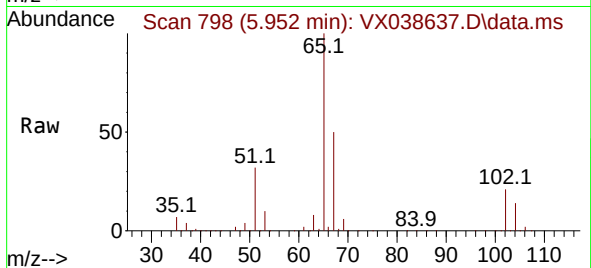
67 52.0 0.0 100.2

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: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

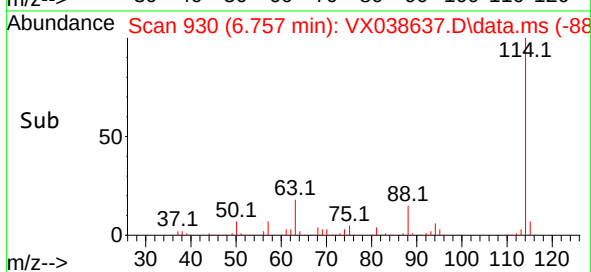
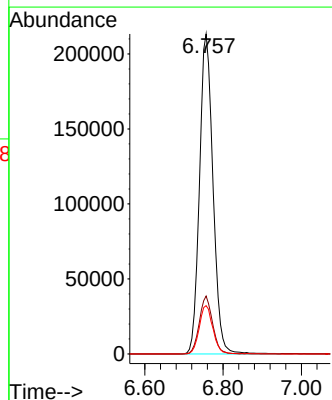
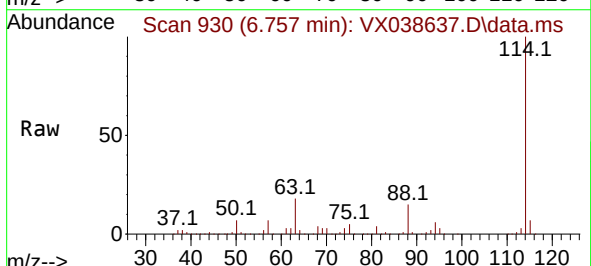
Tgt Ion:114 Resp: 512197

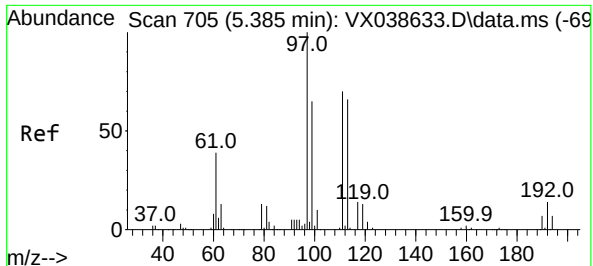
Ion Ratio Lower Upper

114 100

63 18.1 0.0 45.0

88 15.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 95.655 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:113 Resp: 352872

Ion Ratio Lower Upper

113 100

111 100.6 82.9 124.3

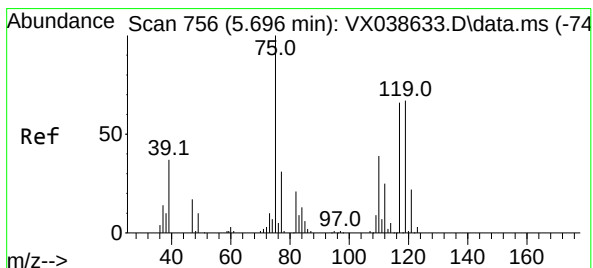
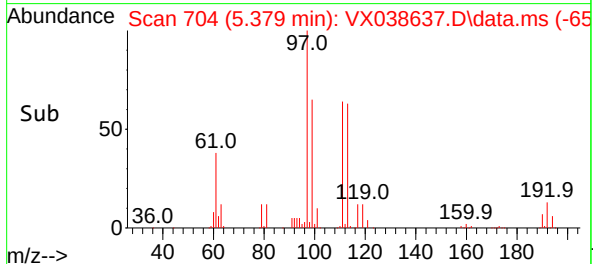
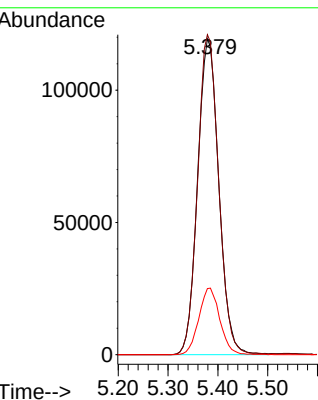
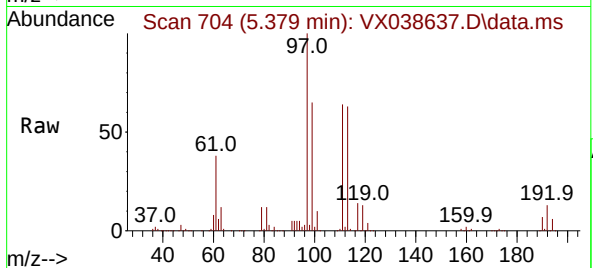
192 20.9 13.3 19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#36

1,1-Dichloropropene

Concen: 100.125 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.012 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

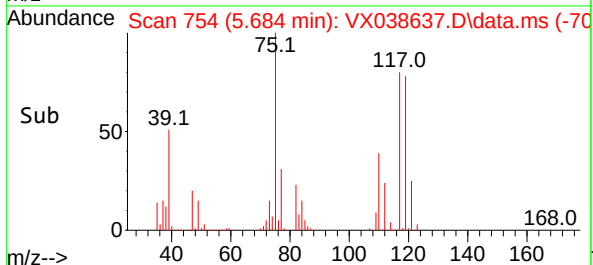
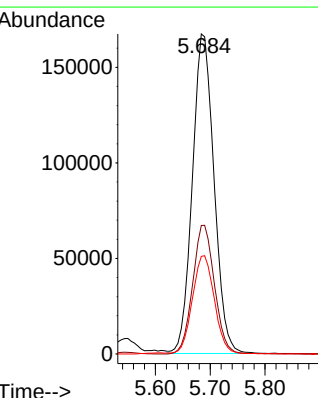
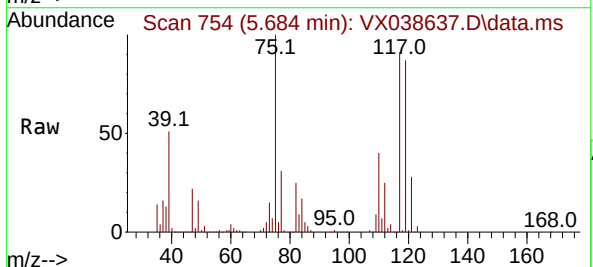
Tgt Ion: 75 Resp: 458816

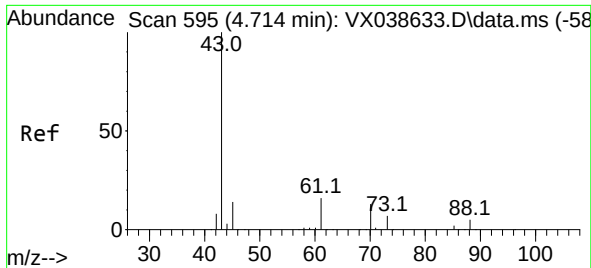
Ion Ratio Lower Upper

75 100

110 40.5 17.0 50.9

77 31.2 24.7 37.1





#37
Ethyl Acetate
Concen: 100.553 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

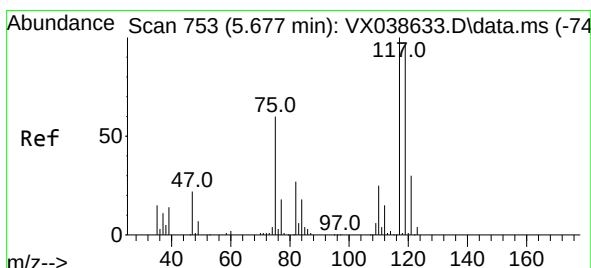
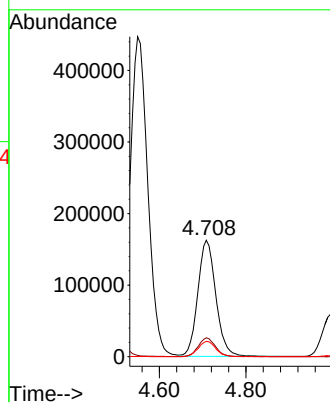
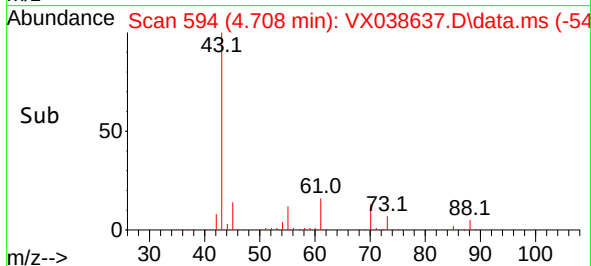
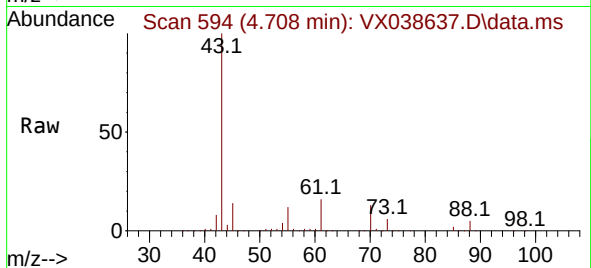
Tgt Ion: 43 Resp: 47044
Ion Ratio Lower Upper
43 100
61 15.5 10.6 16.0
70 13.0 8.3 12.5

Manual Integrations

APPROVED

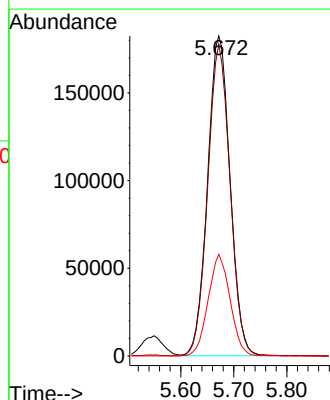
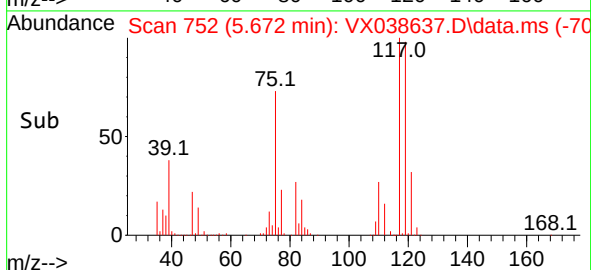
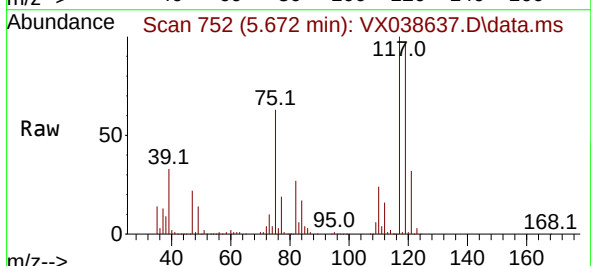
Reviewed By :John Carlone 11/08/2023

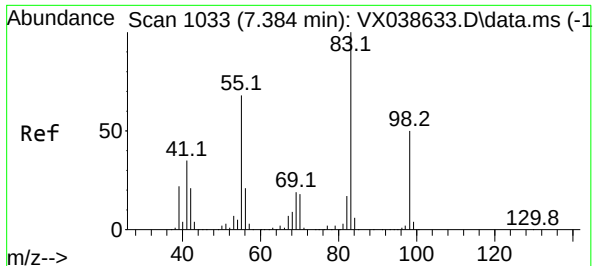
Supervised By :Mahesh Dadoda 11/08/2023



#38
Carbon Tetrachloride
Concen: 105.030 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion:117 Resp: 538049
Ion Ratio Lower Upper
117 100
119 97.4 78.2 117.2
121 31.8 24.4 36.6





#39

Methylcyclohexane

Concen: 105.747 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 83 Resp: 60585

Ion Ratio Lower Upper

83 100

55 68.6 64.6 97.0

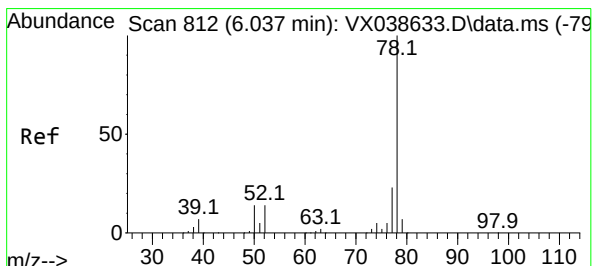
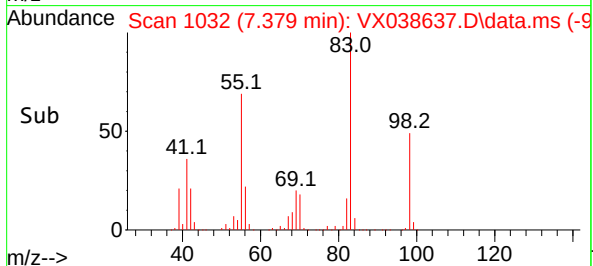
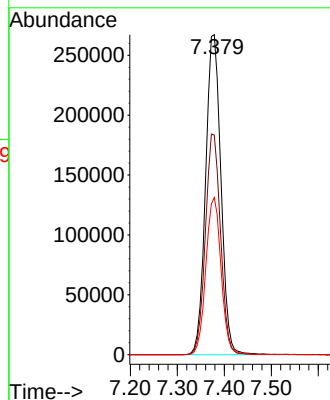
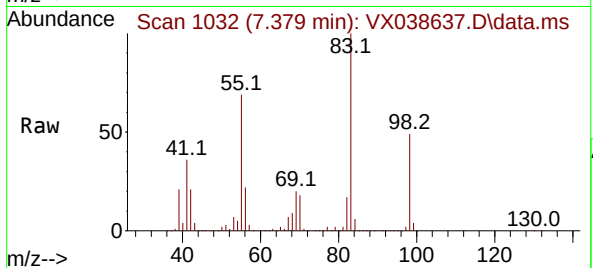
98 49.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#40

Benzene

Concen: 98.639 ug/l

RT: 6.031 min Scan# 811

Delta R.T. -0.006 min

Lab File: VX038637.D

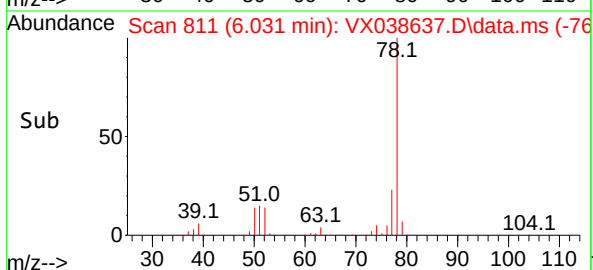
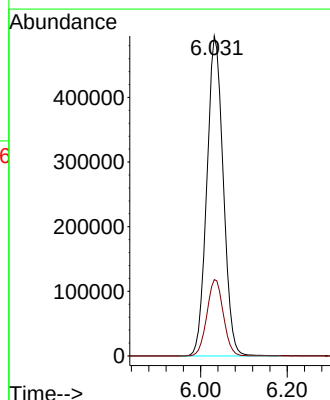
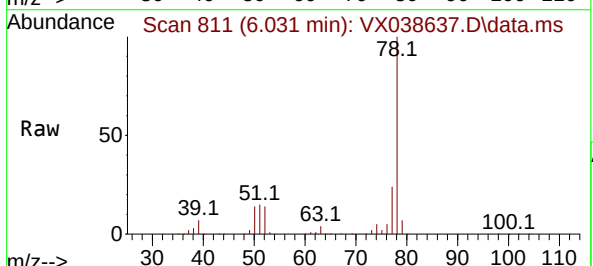
Acq: 07 Nov 2023 16:52

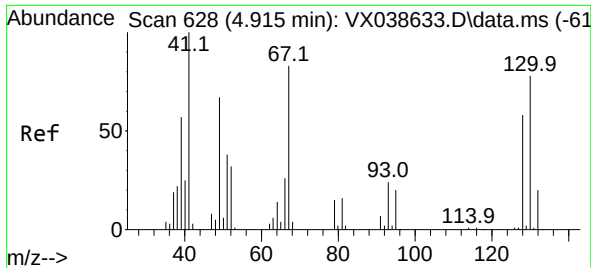
Tgt Ion: 78 Resp: 1301911

Ion Ratio Lower Upper

78 100

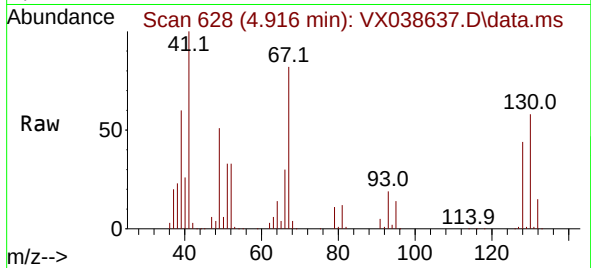
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 102.350 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

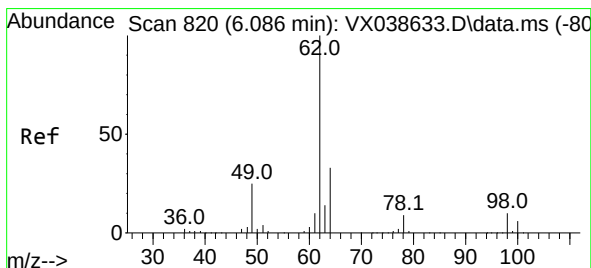
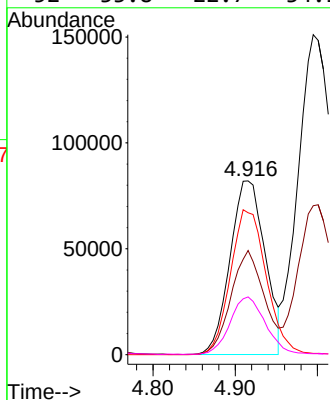
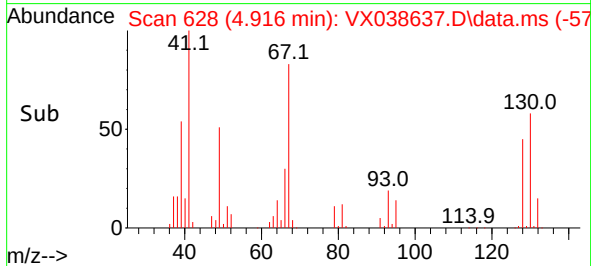
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 24395
Ion Ratio Lower Upper
41 100
39 56.4 45.2 67.8
67 85.8 52.6 78.8
52 33.8 22.7 34.1

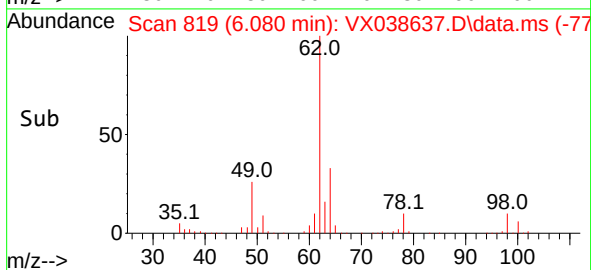
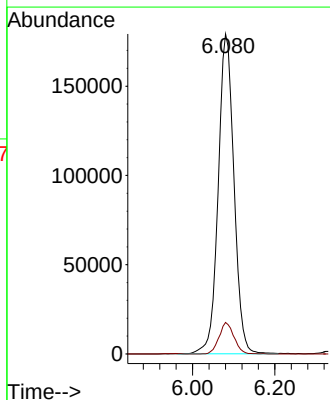
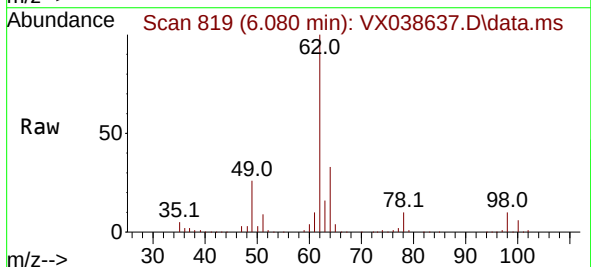
Manual Integrations
APPROVED

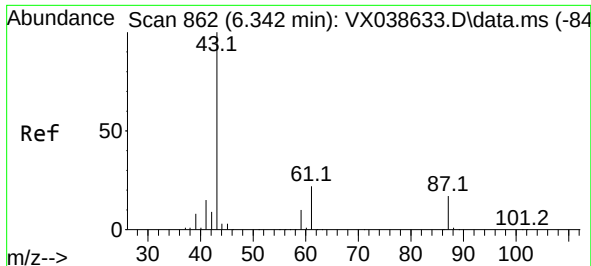
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#42
1,2-Dichloroethane
Concen: 100.156 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

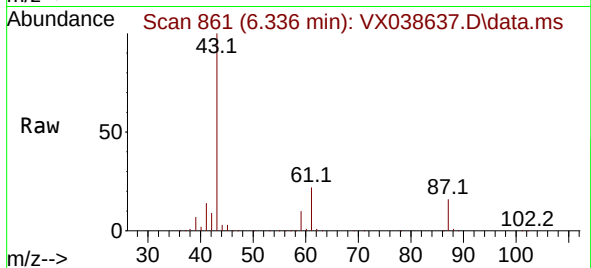
Tgt Ion: 62 Resp: 476984
Ion Ratio Lower Upper
62 100
98 9.3 0.0 16.0





#43
Isopropyl Acetate
Concen: 103.387 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

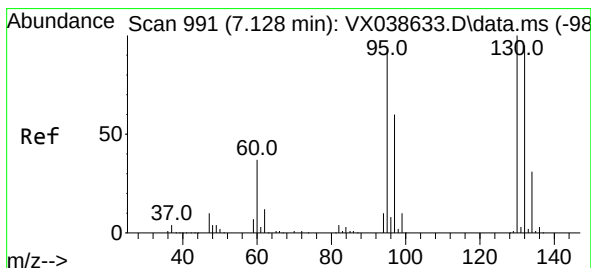
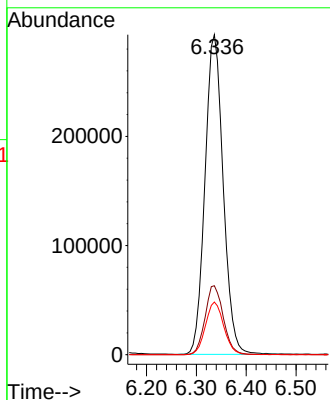
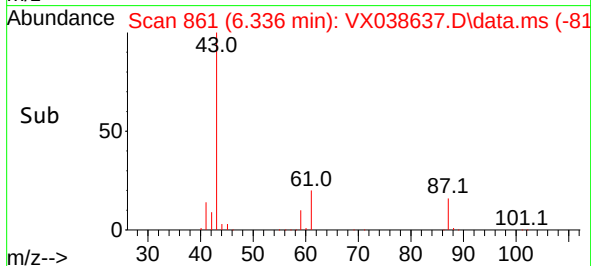
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 743640
Ion Ratio Lower Upper
43 100
61 21.7 15.2 22.8
87 16.6 9.8 14.6

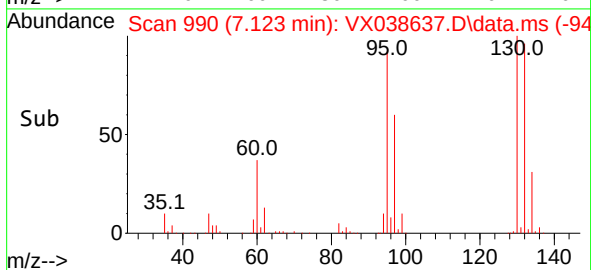
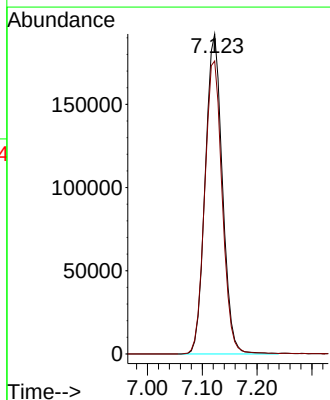
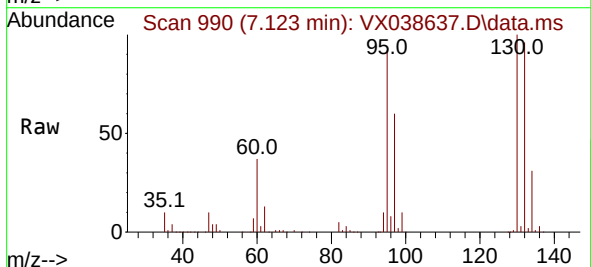
Manual Integrations
APPROVED

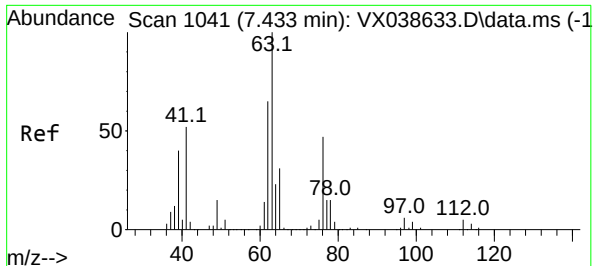
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#44
Trichloroethene
Concen: 101.376 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion:130 Resp: 416316
Ion Ratio Lower Upper
130 100
95 91.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 100.810 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 321650

Ion Ratio Lower Upper

63 100

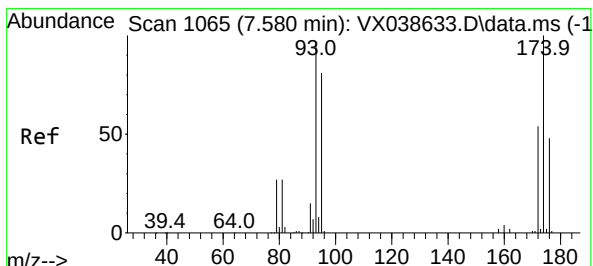
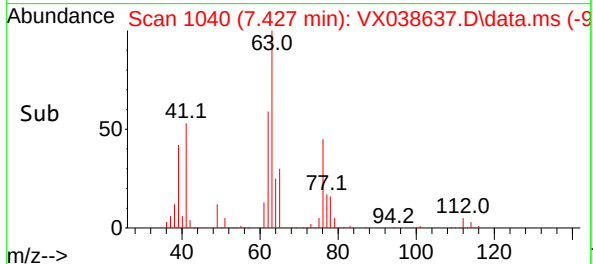
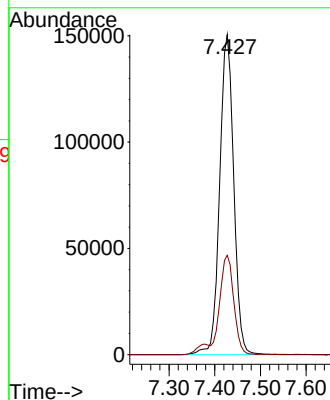
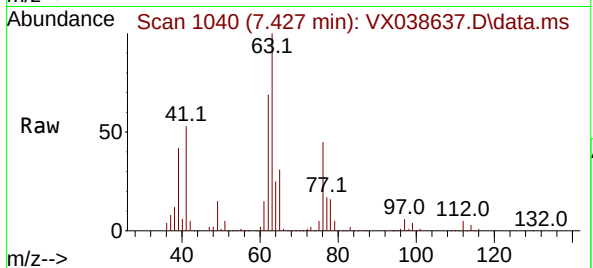
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#46

Dibromomethane

Concen: 100.067 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

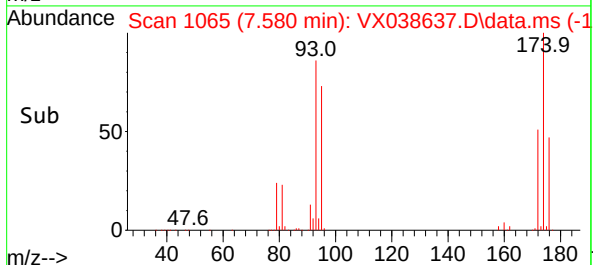
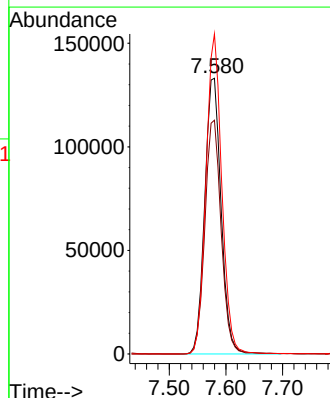
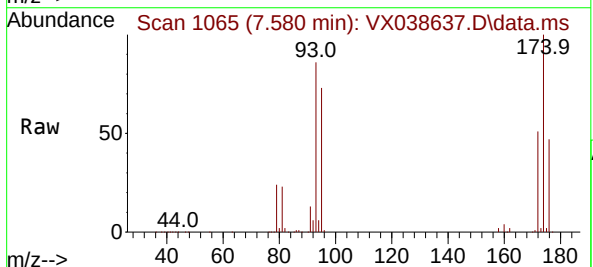
Tgt Ion: 93 Resp: 267010

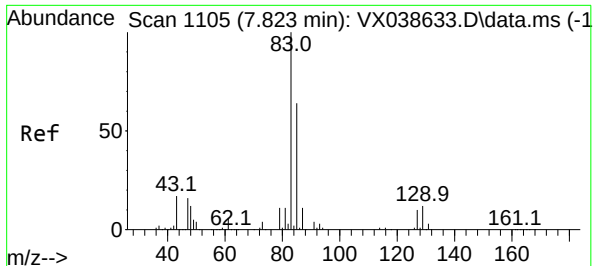
Ion Ratio Lower Upper

93 100

95 84.6 66.6 100.0

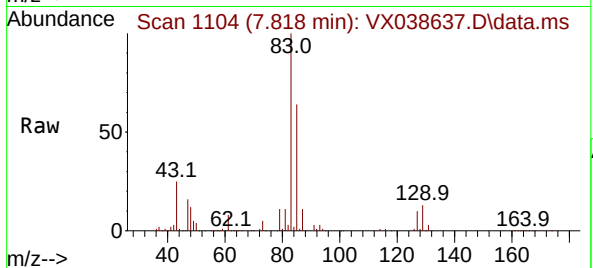
174 112.4 69.4 104.0#





#47
Bromodichloromethane
Concen: 99.630 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

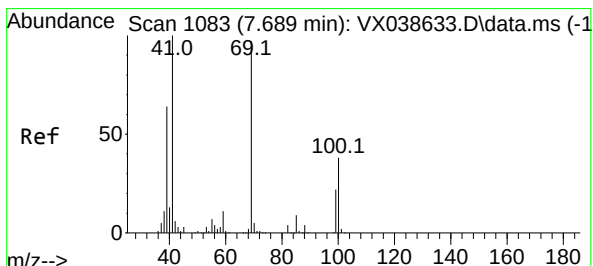
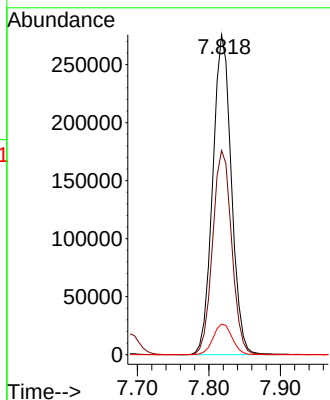
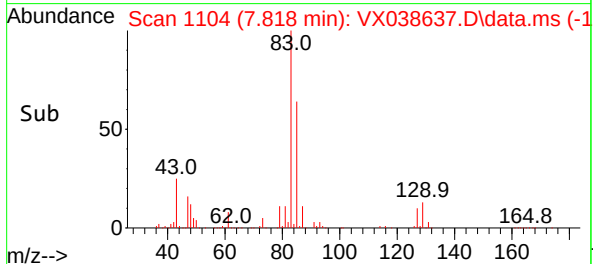
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



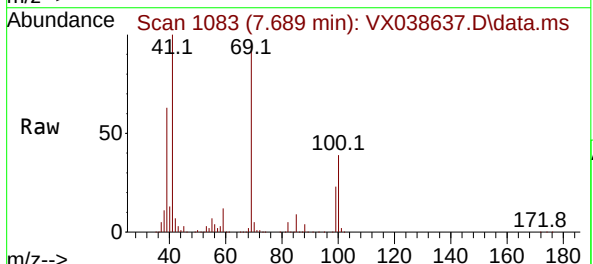
Tgt Ion: 83 Resp: 499963
Ion Ratio Lower Upper
83 100
85 63.8 49.8 74.6
127 9.6 7.1 10.7

Manual Integrations
APPROVED

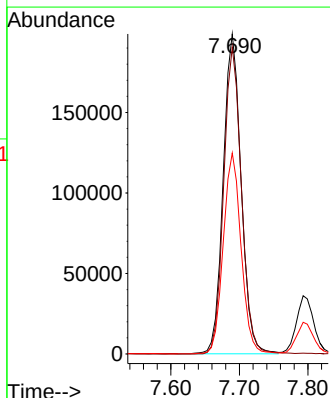
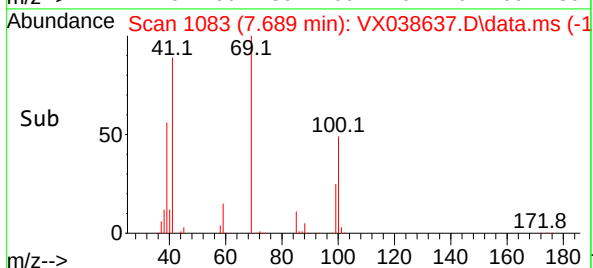
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

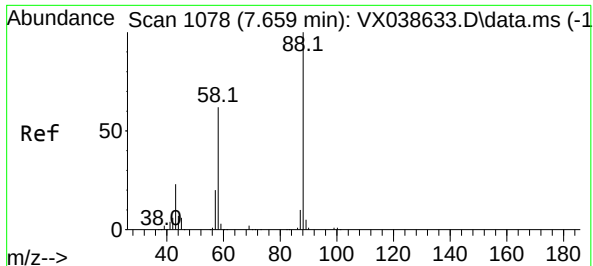


#48
Methyl methacrylate
Concen: 103.794 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52



Tgt Ion: 41 Resp: 359792
Ion Ratio Lower Upper
41 100
69 95.1 59.2 88.8
39 62.4 47.7 71.5





#49

1,4-Dioxane

Concen: 2083.275 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 16439

Ion Ratio Lower Upper

88 100

43 27.2 0.0 0.0

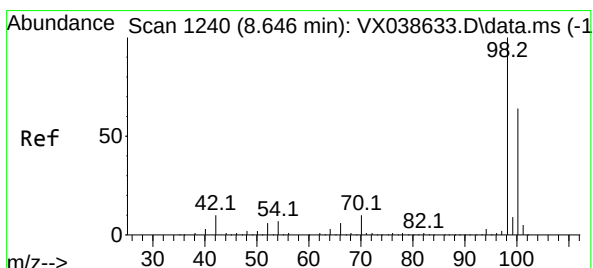
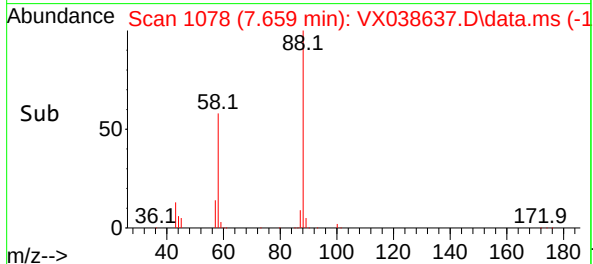
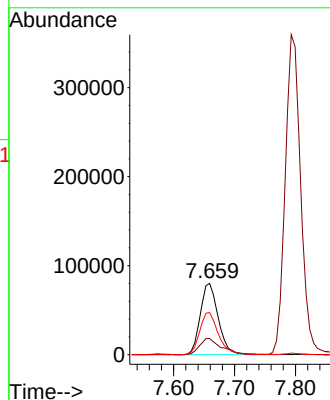
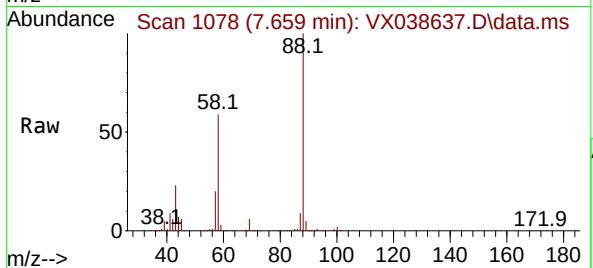
58 61.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#50

Toluene-d8

Concen: 94.388 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX038637.D

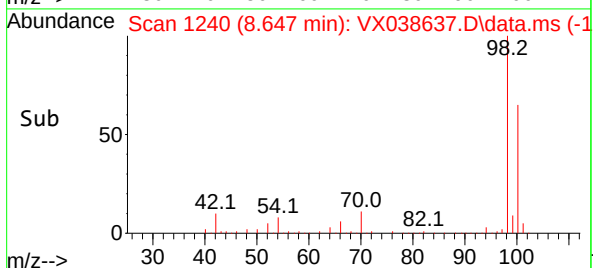
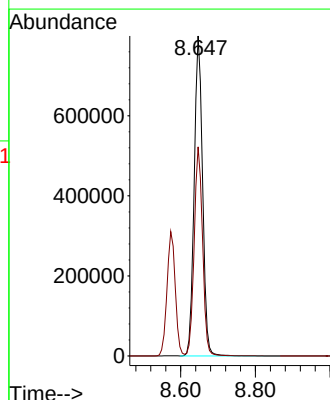
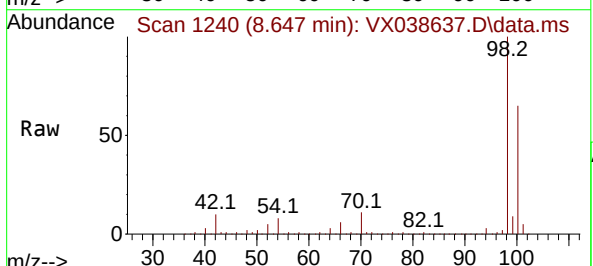
Acq: 07 Nov 2023 16:52

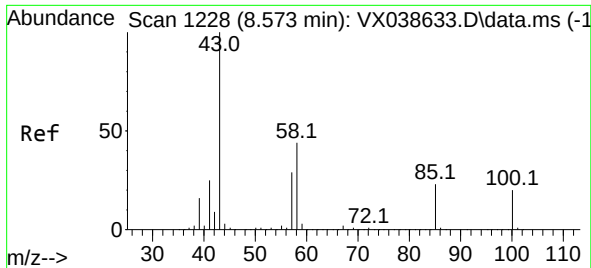
Tgt Ion: 98 Resp: 1245981

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 502.955 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

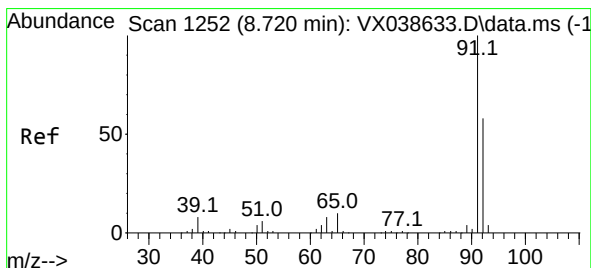
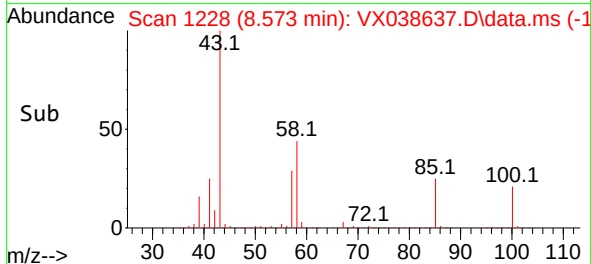
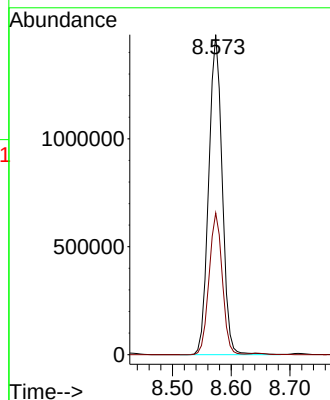
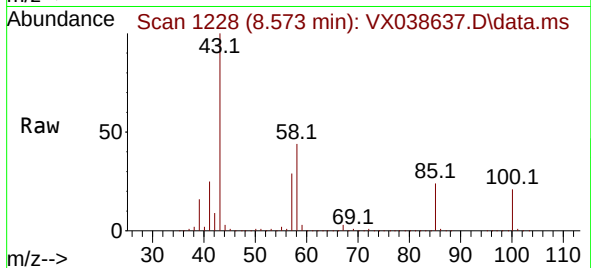
VSTDICC100

Tgt Ion: 43 Resp: 235703
Ion Ratio Lower Upper
43 100
58 43.5 30.4 45.6

Manual Integrations

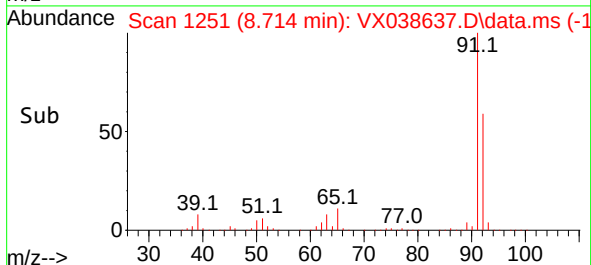
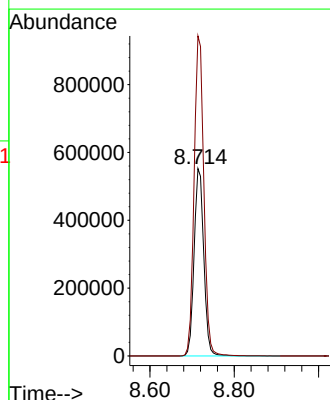
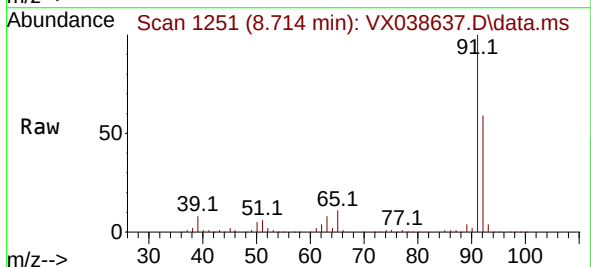
APPROVED

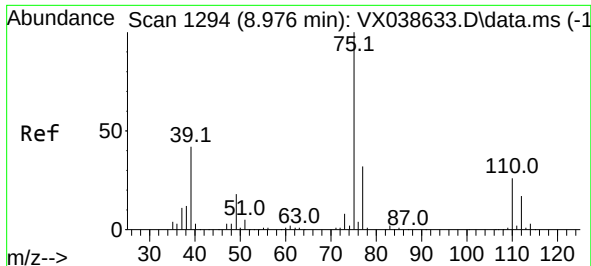
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#52
Toluene
Concen: 101.672 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 92 Resp: 879079
Ion Ratio Lower Upper
92 100
91 172.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 108.124 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 55240

Ion Ratio Lower Upper

75 100

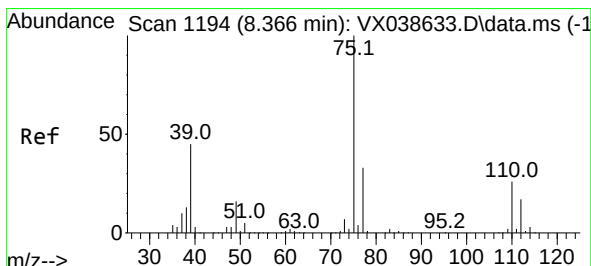
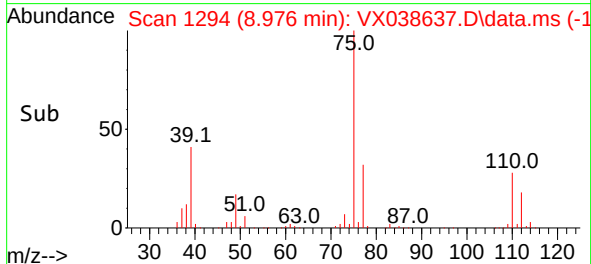
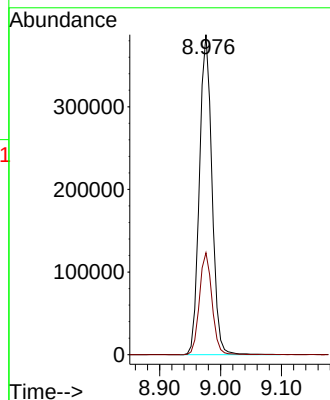
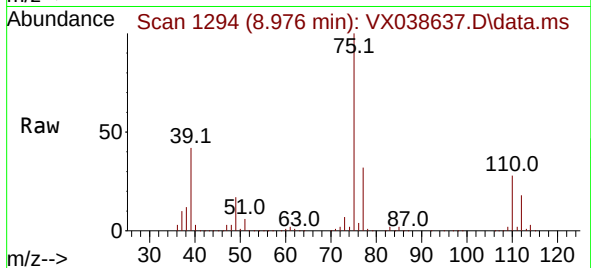
77 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#54

cis-1,3-Dichloropropene

Concen: 105.427 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

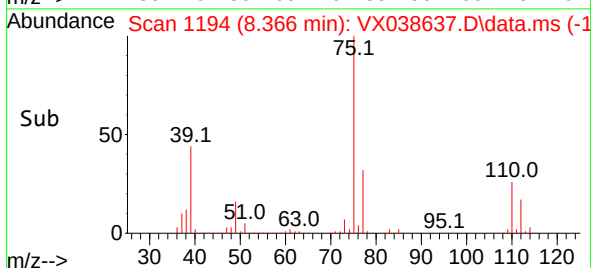
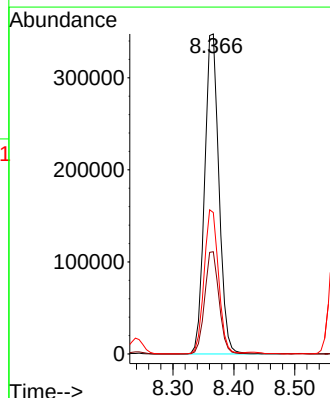
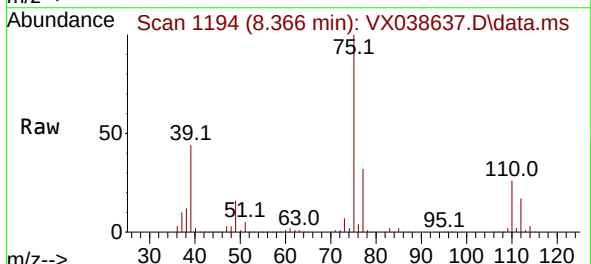
Tgt Ion: 75 Resp: 568607

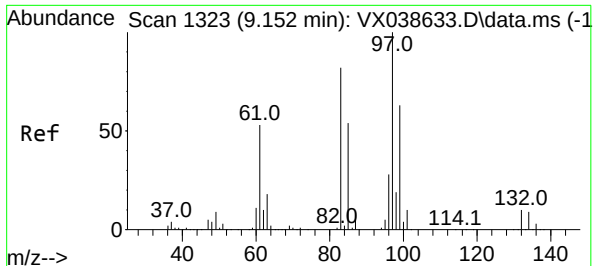
Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

39 44.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 100.456 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

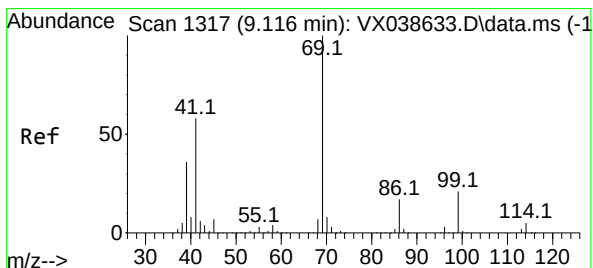
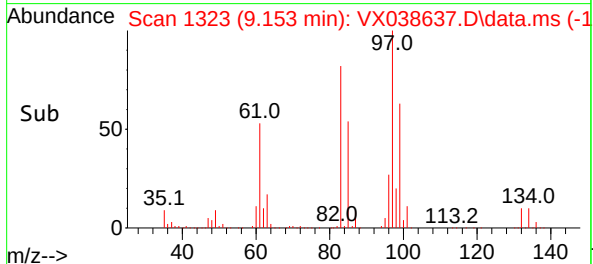
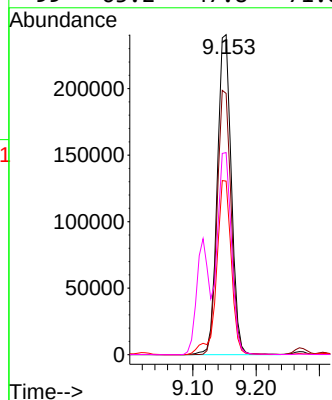
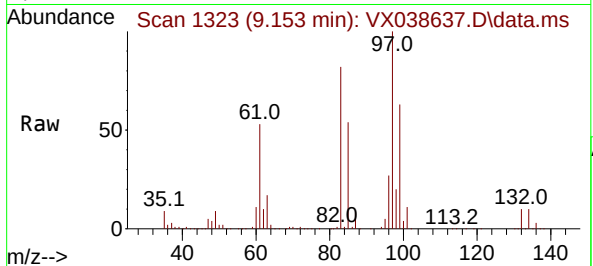
Tgt Ion: 97 Resp: 368534
Ion Ratio Lower Upper
97 100
83 81.7 65.8 98.8
85 54.3 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations

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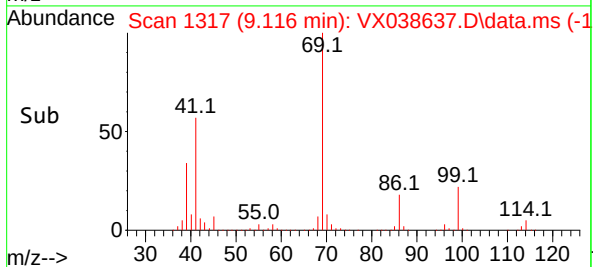
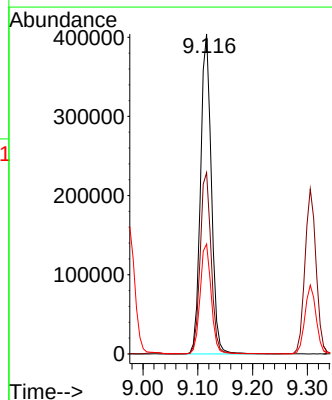
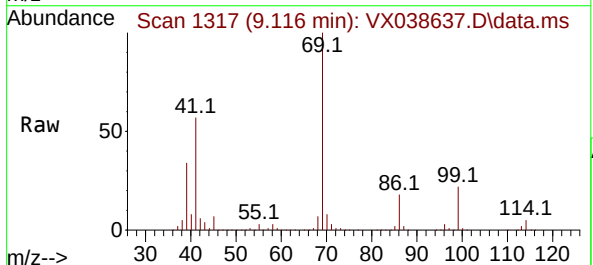
Reviewed By :John Carlone 11/08/2023

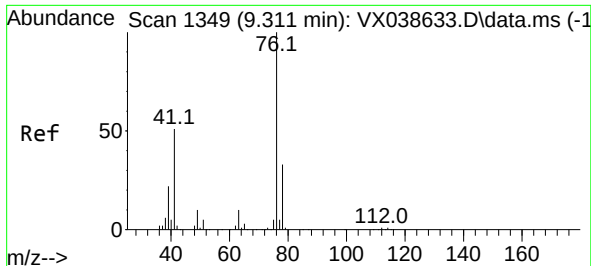
Supervised By :Mahesh Dadoda 11/08/2023



#56
Ethyl methacrylate
Concen: 108.234 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 69 Resp: 555540
Ion Ratio Lower Upper
69 100
41 57.7 56.8 85.2
39 35.0 32.0 48.0





#57

1,3-Dichloropropane

Concen: 99.683 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 56959

Ion Ratio Lower Upper

76 100

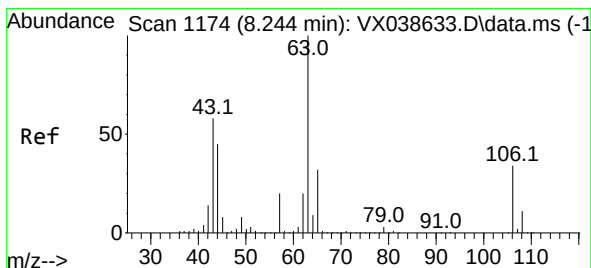
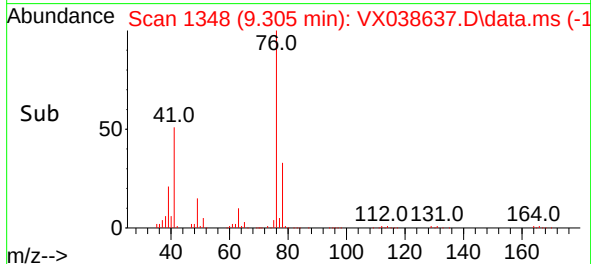
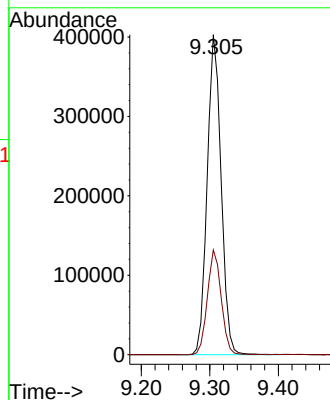
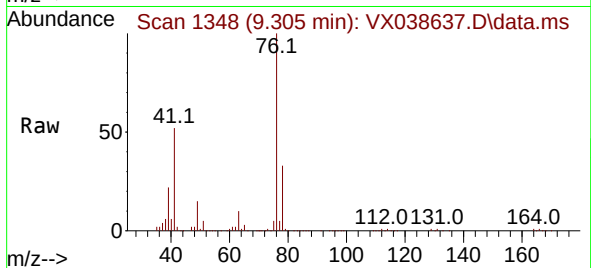
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#58

2-Chloroethyl Vinyl ether

Concen: 522.887 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038637.D

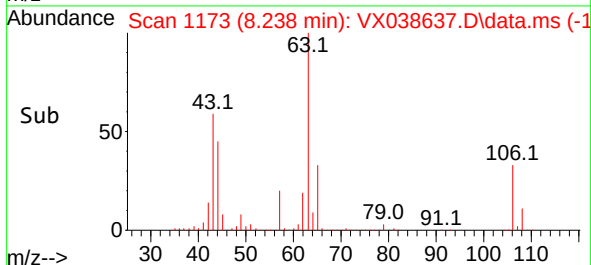
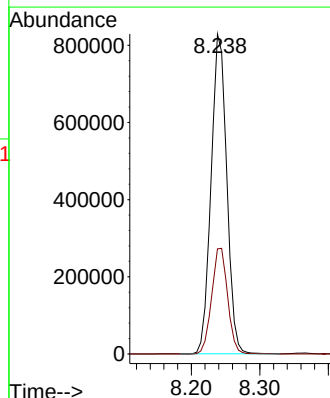
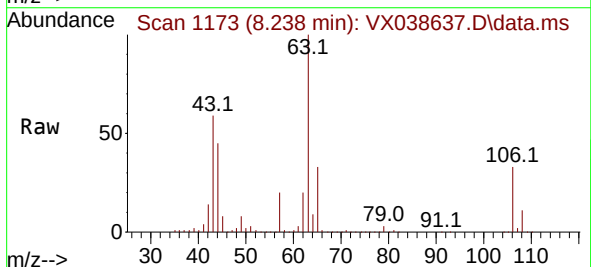
Acq: 07 Nov 2023 16:52

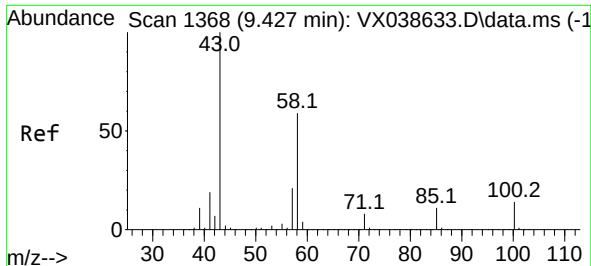
Tgt Ion: 63 Resp: 1319578

Ion Ratio Lower Upper

63 100

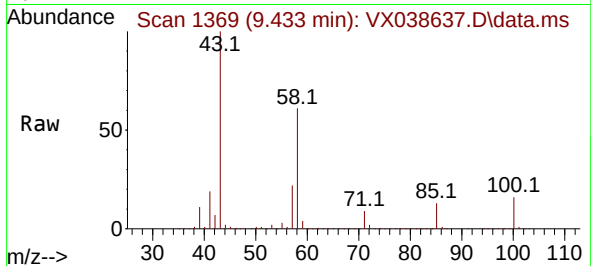
106 33.6 22.5 33.7





#59
2-Hexanone
Concen: 512.552 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

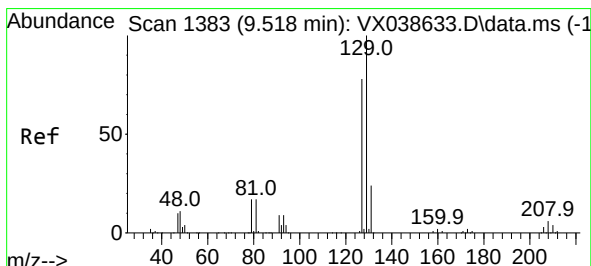
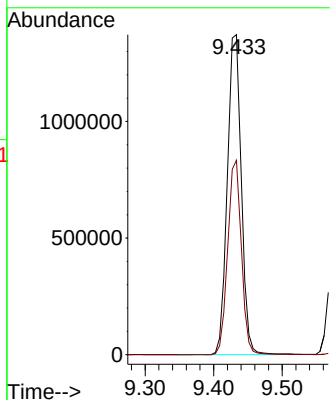
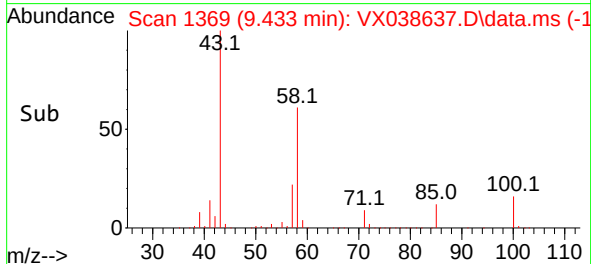
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1943560
Ion Ratio Lower Upper
43 100
58 59.4 26.2 78.5

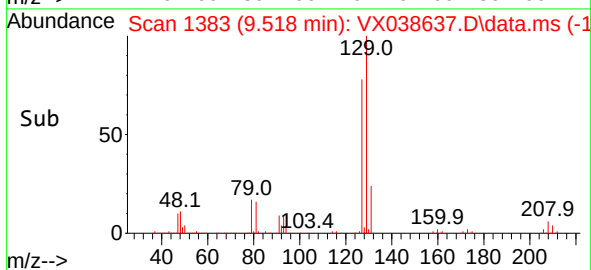
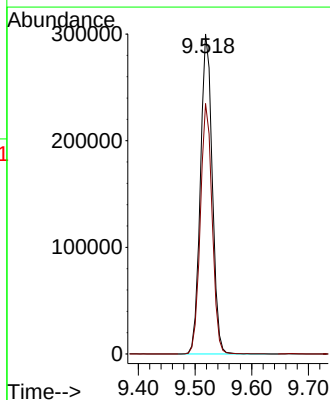
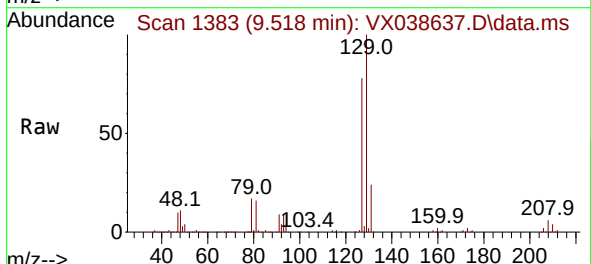
Manual Integrations
APPROVED

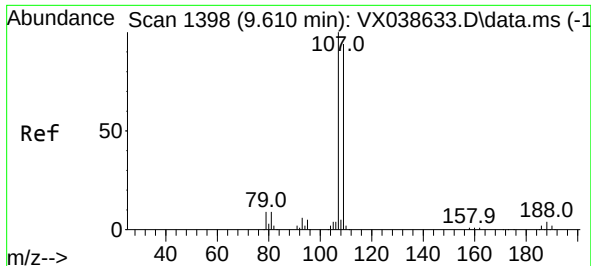
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#60
Dibromochloromethane
Concen: 105.783 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

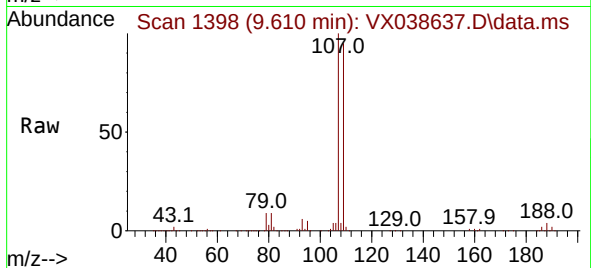
Tgt Ion:129 Resp: 435641
Ion Ratio Lower Upper
129 100
127 77.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 102.056 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

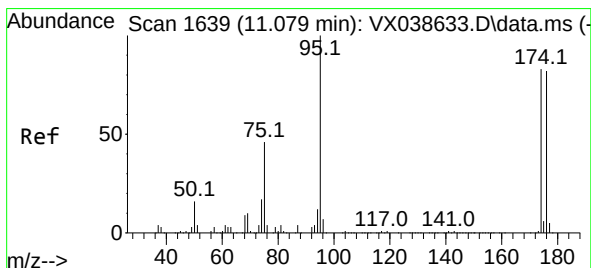
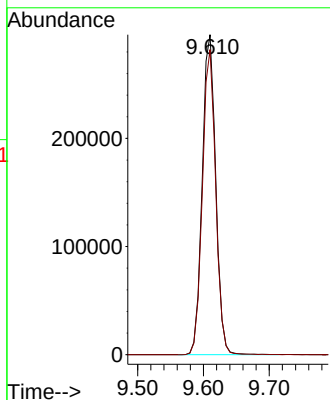
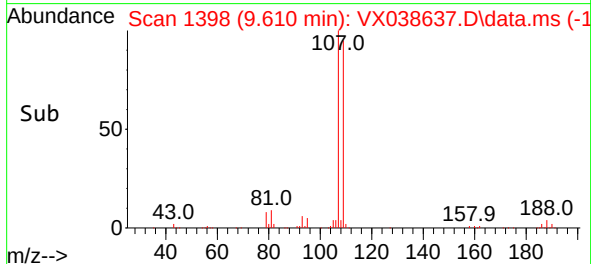
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



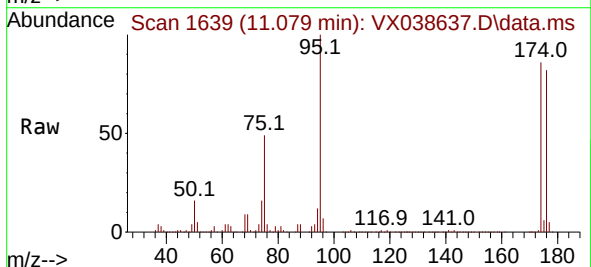
Tgt Ion:107 Resp: 420779
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8

Manual Integrations
APPROVED

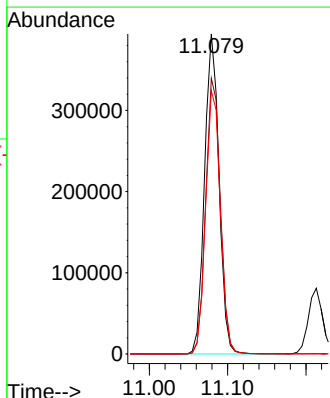
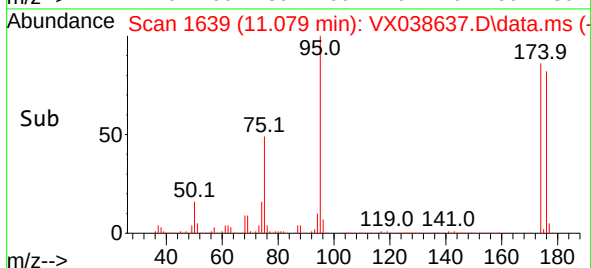
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

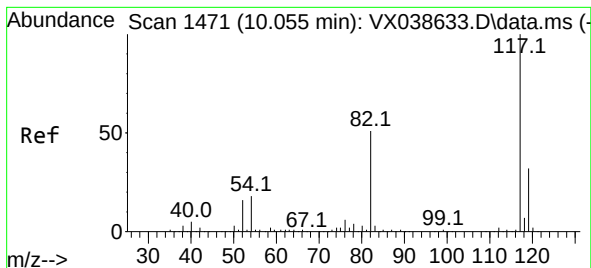


#62
4-Bromofluorobenzene
Concen: 97.958 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52



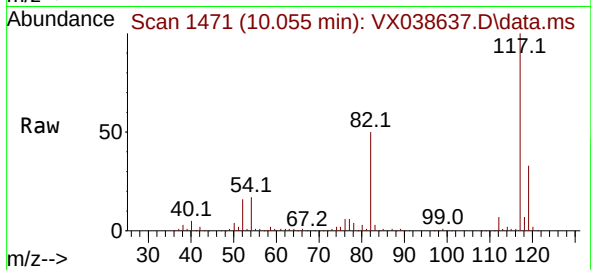
Tgt Ion: 95 Resp: 501355
Ion Ratio Lower Upper
95 100
174 88.0 0.0 135.6
176 84.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

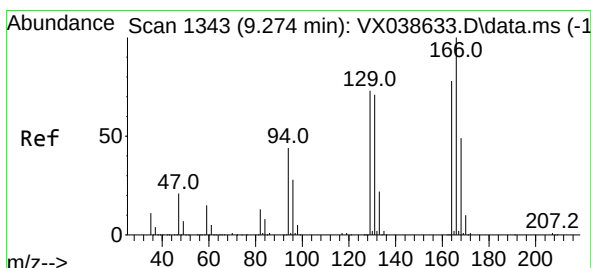
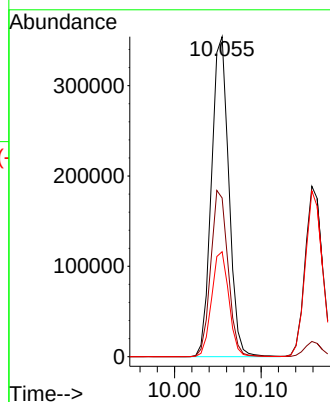
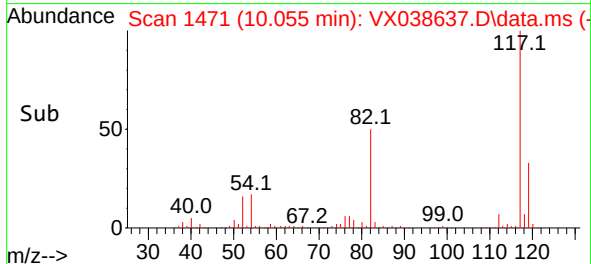
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 493175
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 32.8 25.5 38.3

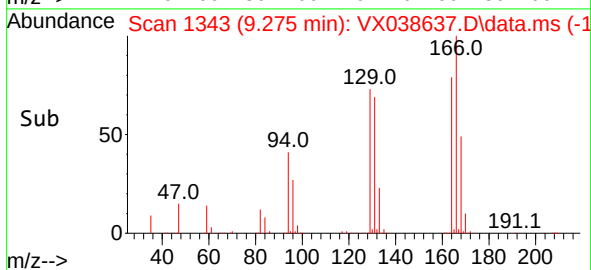
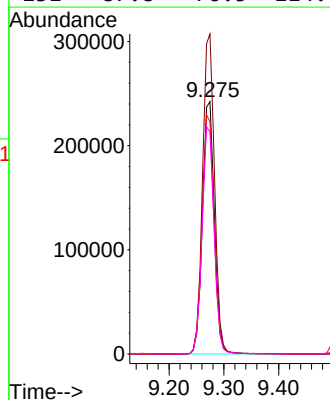
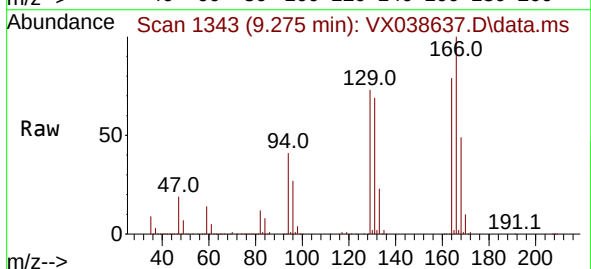
Manual Integrations
APPROVED

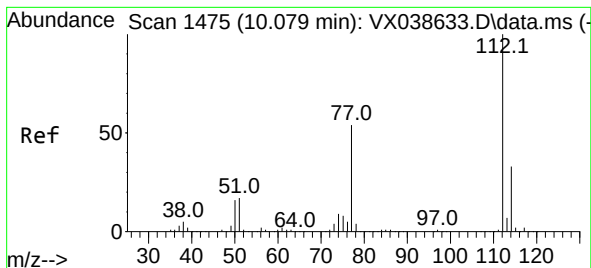
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#64
Tetrachloroethene
Concen: 99.760 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

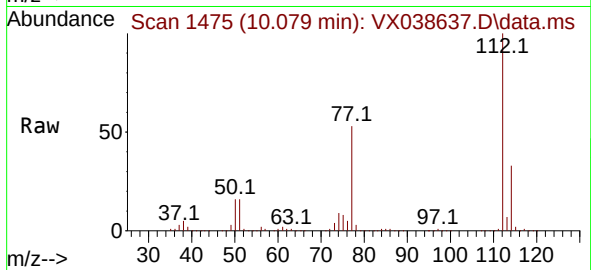
Tgt Ion:164 Resp: 368271
Ion Ratio Lower Upper
164 100
166 126.8 102.7 154.1
129 92.2 80.4 120.6
131 87.8 76.5 114.7





#65
Chlorobenzene
Concen: 100.907 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

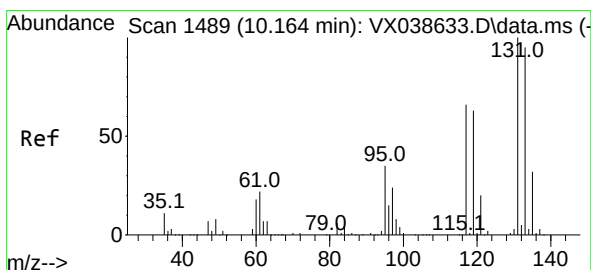
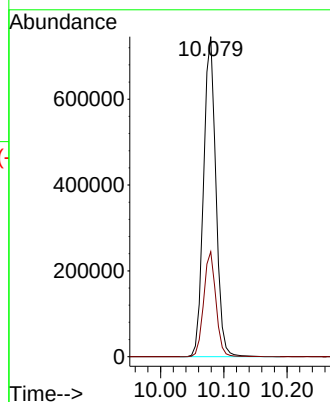
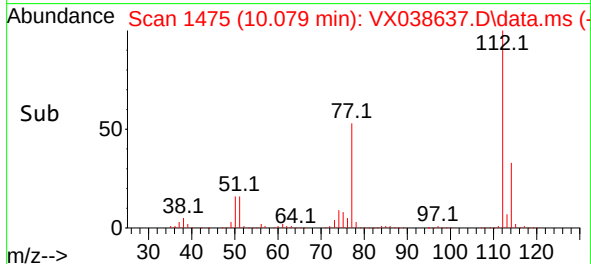
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



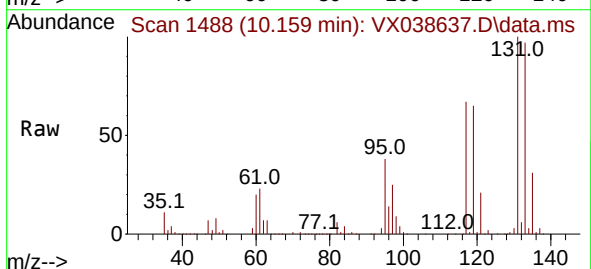
Tgt Ion:112 Resp: 101304
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

Manual Integrations
APPROVED

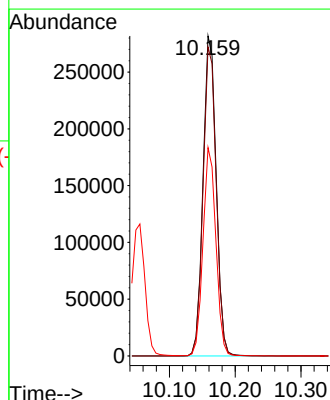
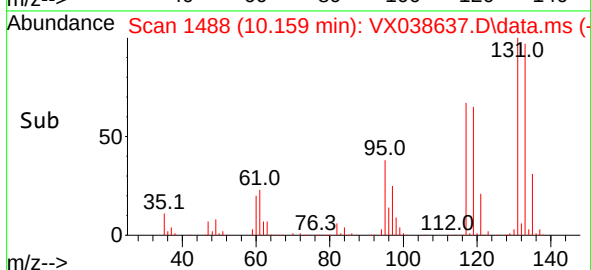
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

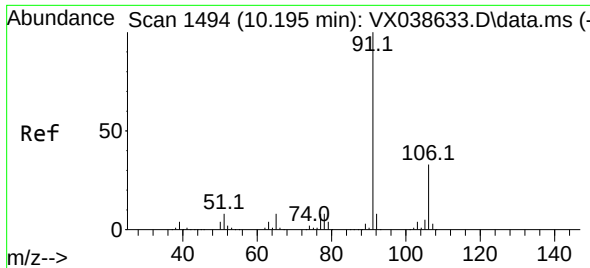


#66
1,1,1,2-Tetrachloroethane
Concen: 103.993 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52



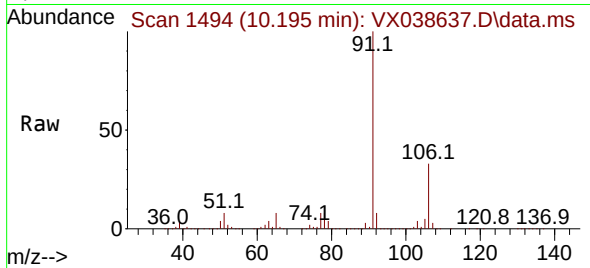
Tgt Ion:131 Resp: 392478
Ion Ratio Lower Upper
131 100
133 96.5 47.1 141.4
119 63.9 32.2 96.6





#67
Ethyl Benzene
Concen: 102.637 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

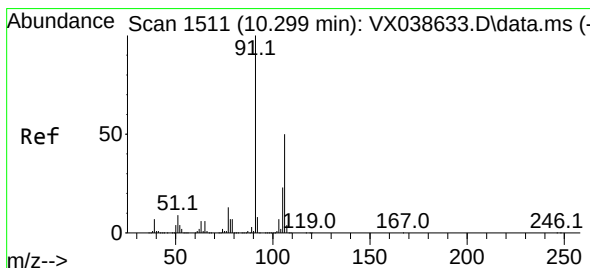
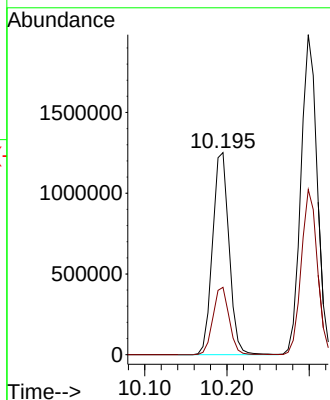
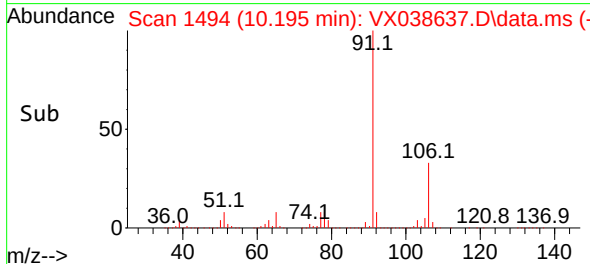
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



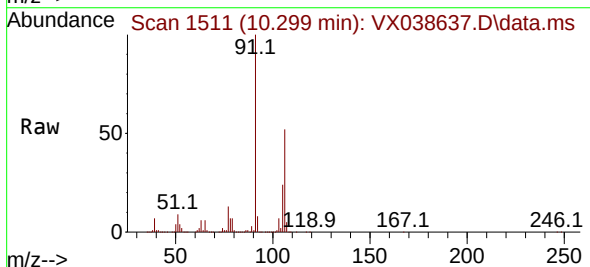
Tgt Ion: 91 Resp: 1742985
Ion Ratio Lower Upper
91 100
106 33.4 24.9 37.3

Manual Integrations
APPROVED

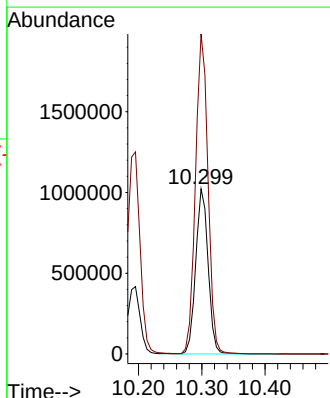
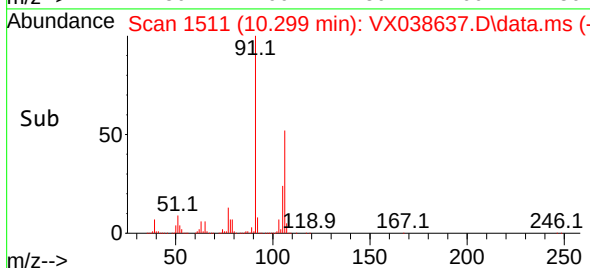
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023

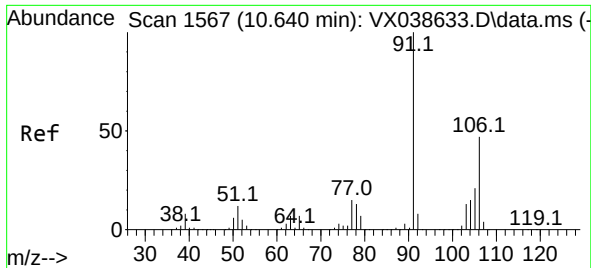


#68
m/p-Xylenes
Concen: 206.691 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52



Tgt Ion:106 Resp: 1393075
Ion Ratio Lower Upper
106 100
91 196.0 165.5 248.3





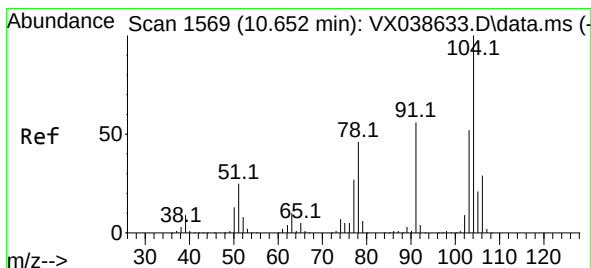
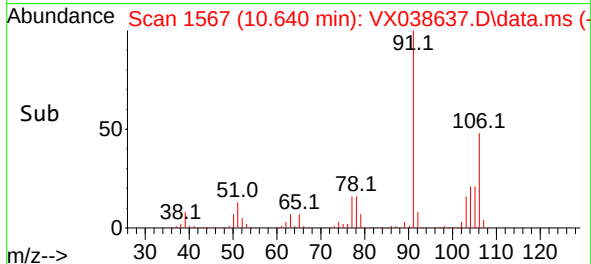
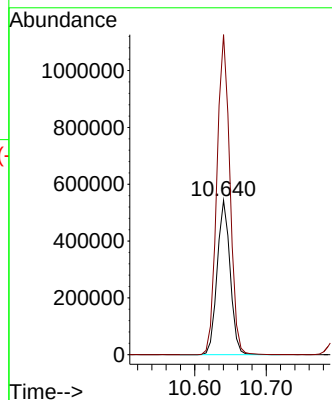
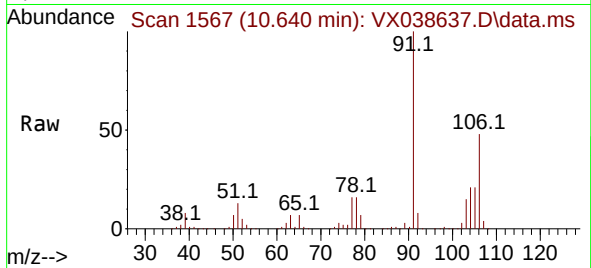
#69
o-Xylene
Concen: 104.256 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 683324
Ion Ratio Lower Upper
106 100
91 208.1 108.9 326.8

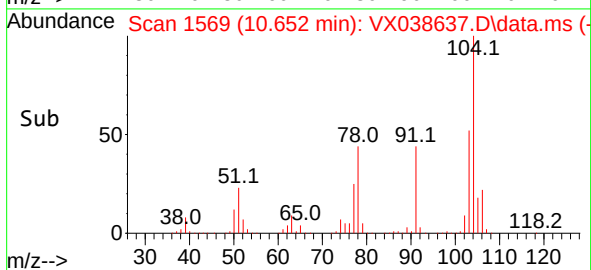
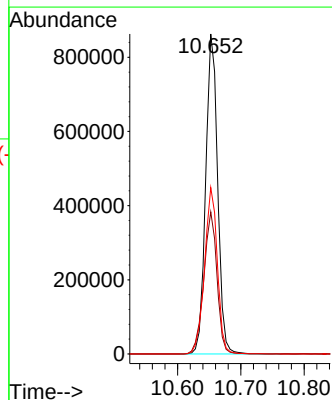
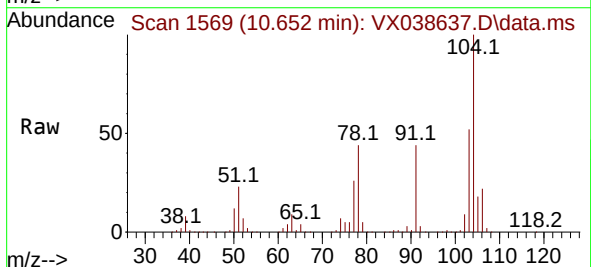
Manual Integrations
APPROVED

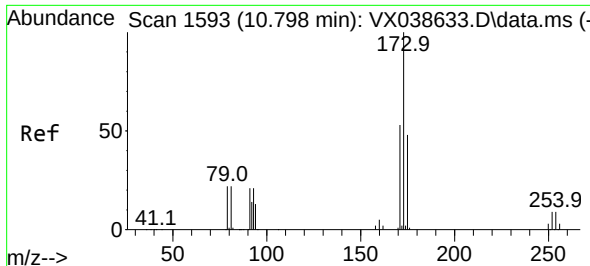
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#70
Styrene
Concen: 105.102 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

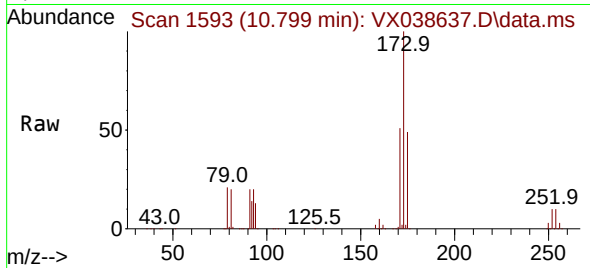
Tgt Ion:104 Resp: 1136925
Ion Ratio Lower Upper
104 100
78 49.0 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 110.721 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

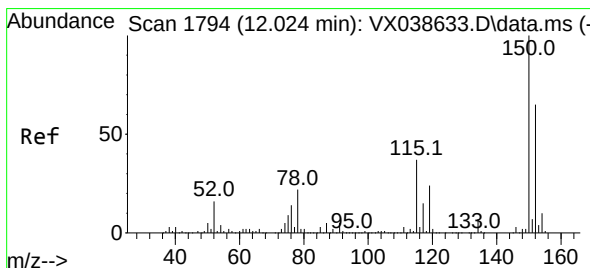
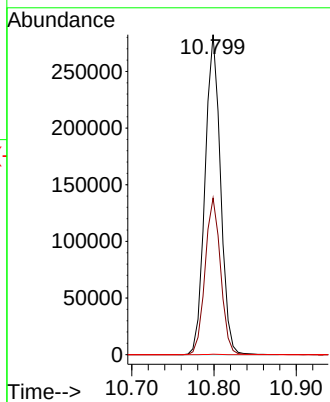
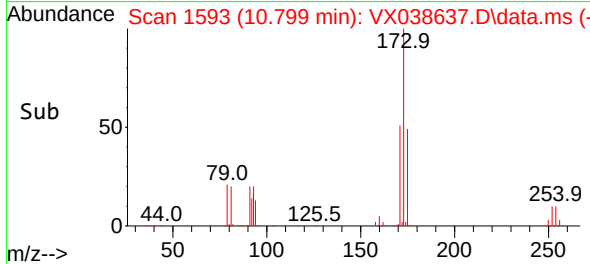
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:173 Resp: 368820
Ion Ratio Lower Upper
173 100
175 49.1 24.1 72.4
254 0.1 0.0 0.0

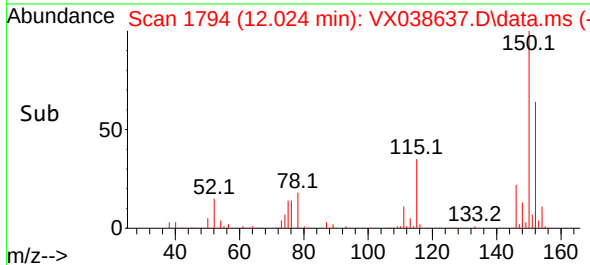
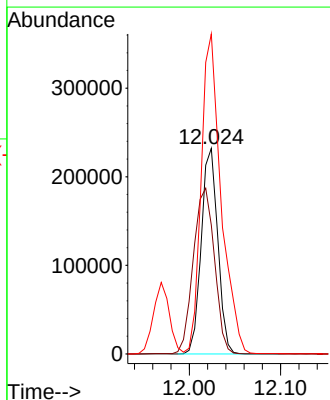
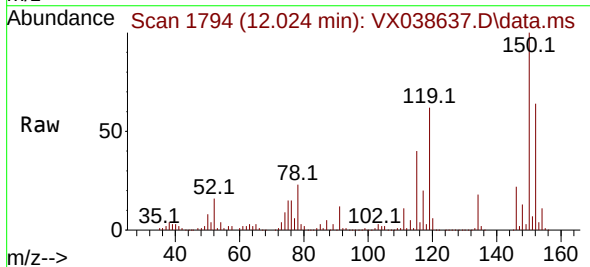
Manual Integrations
APPROVED

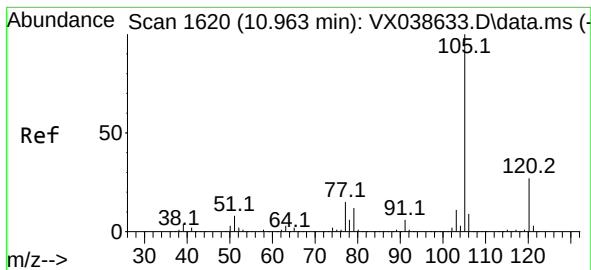
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion:152 Resp: 290885
Ion Ratio Lower Upper
152 100
115 103.6 43.3 129.9
150 188.1 0.0 345.0





#73

Isopropylbenzene

Concen: 99.700 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:105 Resp: 1779210

Ion Ratio Lower Upper

105 100

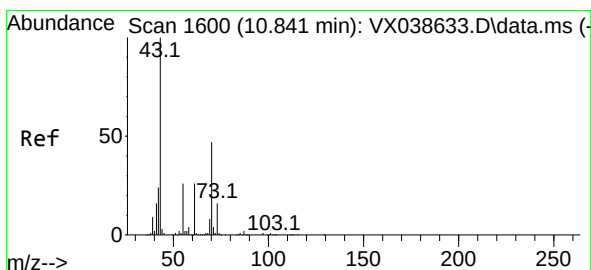
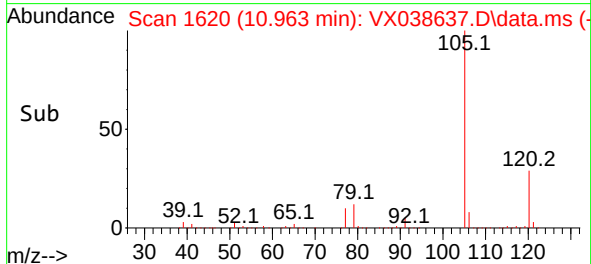
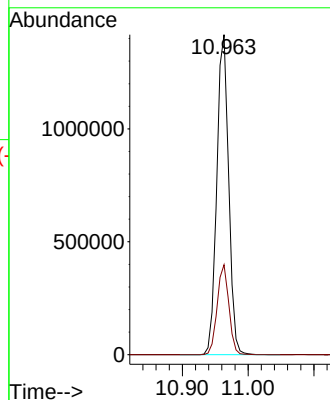
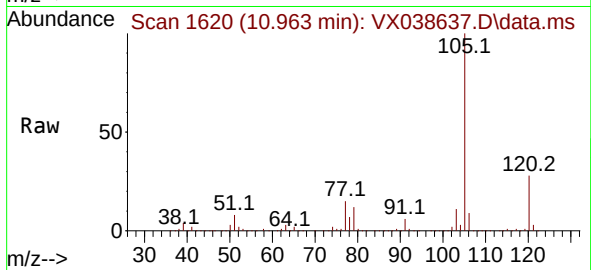
120 27.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#74

N-ethyl acetate

Concen: 107.419 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Tgt Ion: 43 Resp: 666057

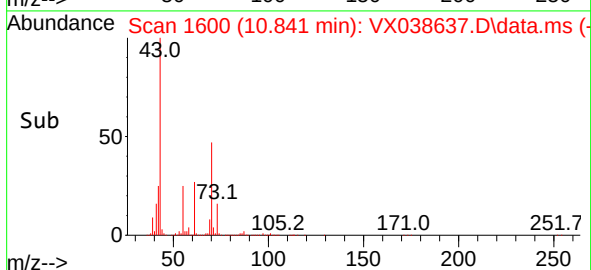
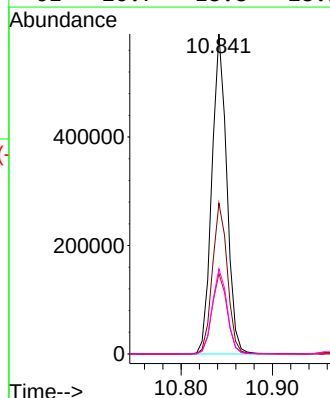
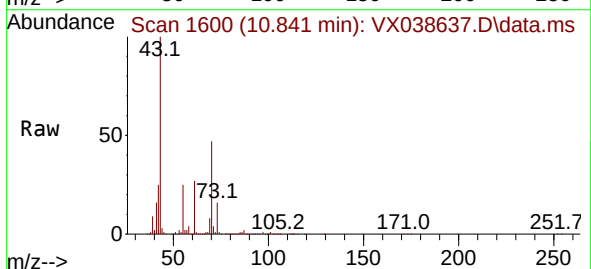
Ion Ratio Lower Upper

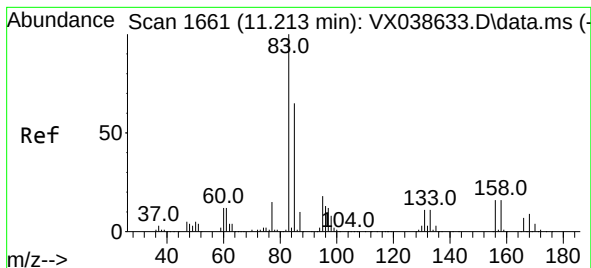
43 100

70 47.5 32.9 49.3

55 25.5 19.3 28.9

61 26.7 18.8 28.2





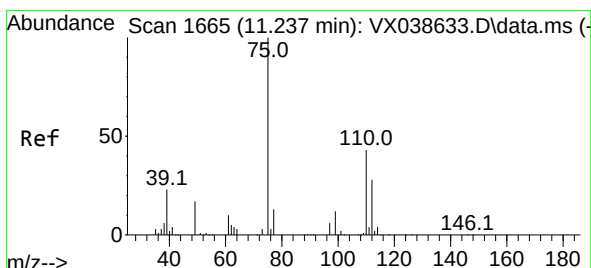
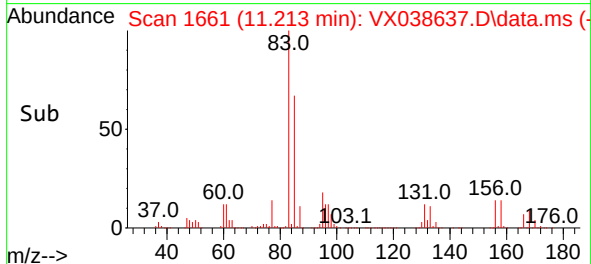
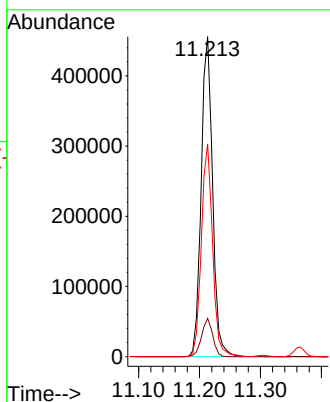
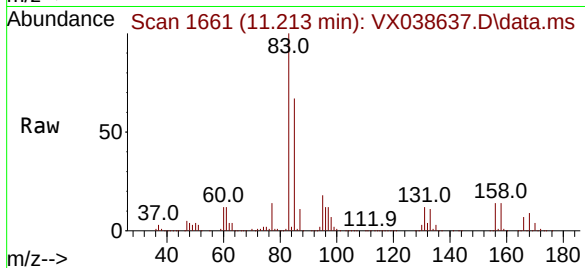
#75
1,1,2,2-Tetrachloroethane
Concen: 96.242 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 593758
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.6 32.0 96.2

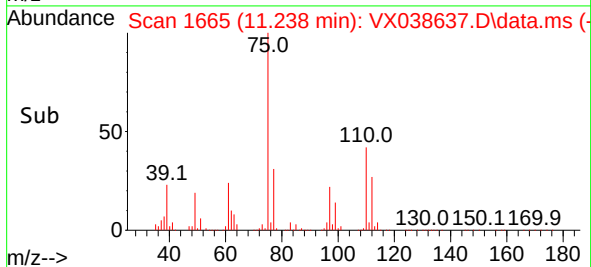
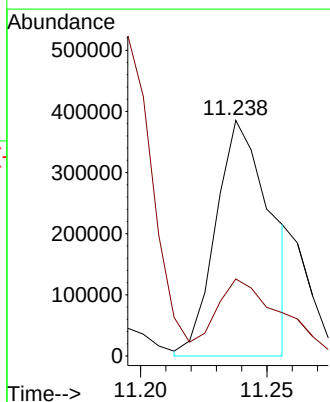
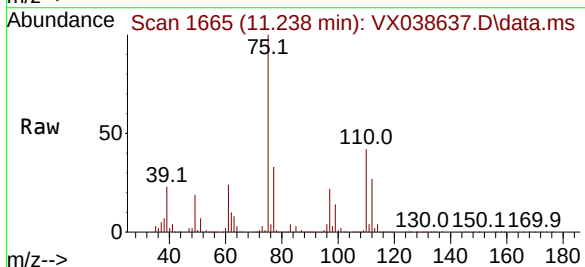
Manual Integrations
APPROVED

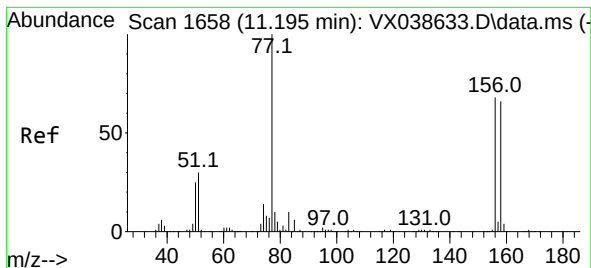
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#76
1,2,3-Trichloropropane
Concen: 99.896 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 75 Resp: 575496
Ion Ratio Lower Upper
75 100
77 39.3 19.1 57.5





#77

Bromobenzene

Concen: 98.553 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:156 Resp: 48268

Ion Ratio Lower Upper

156 100

77 137.9 88.4 265.3

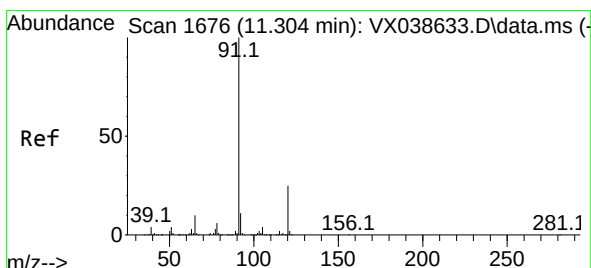
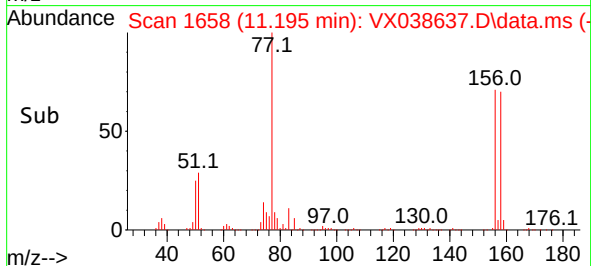
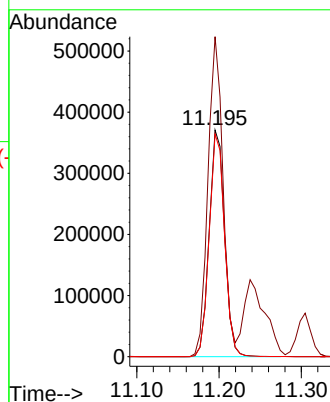
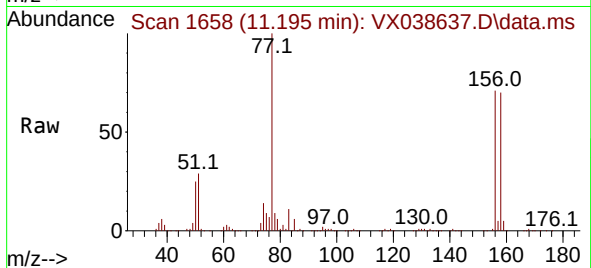
158 98.4 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#78

n-propylbenzene

Concen: 99.841 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX038637.D

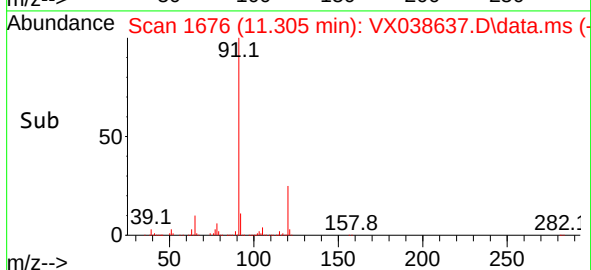
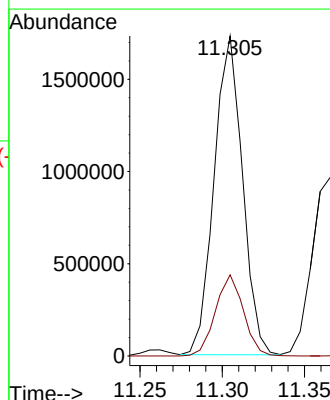
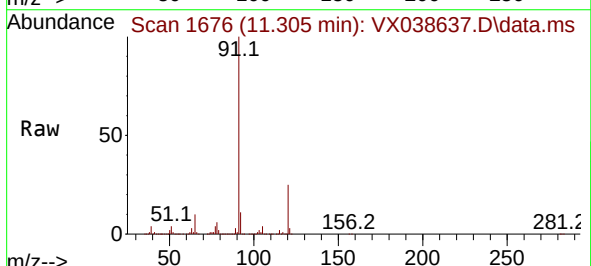
Acq: 07 Nov 2023 16:52

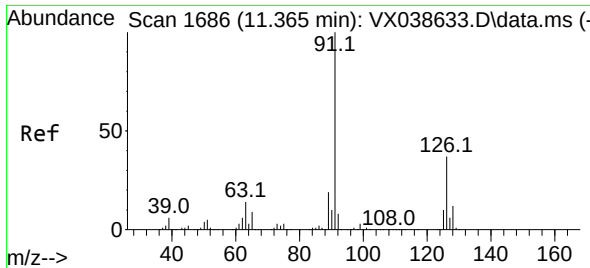
Tgt Ion: 91 Resp: 2073362

Ion Ratio Lower Upper

91 100

120 25.1 11.5 34.4





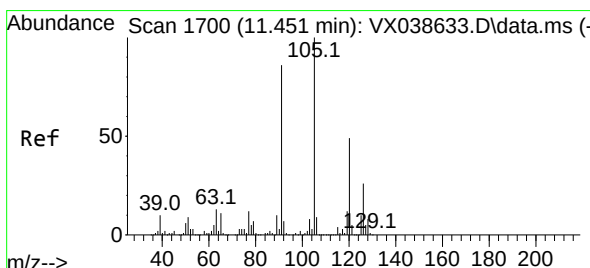
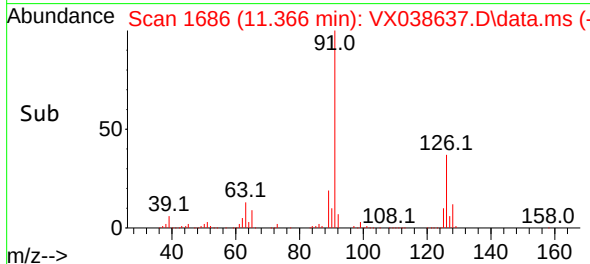
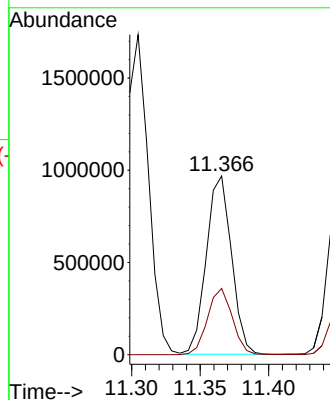
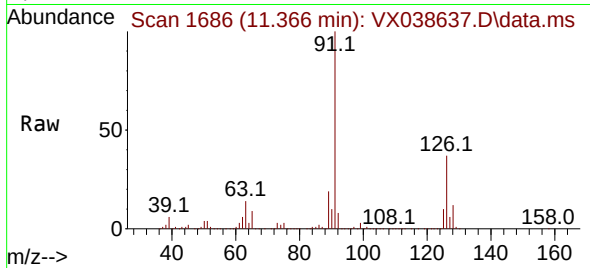
#79
2-Chlorotoluene
Concen: 99.156 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 1232804
Ion Ratio Lower Upper
91 100
126 36.5 16.3 48.8

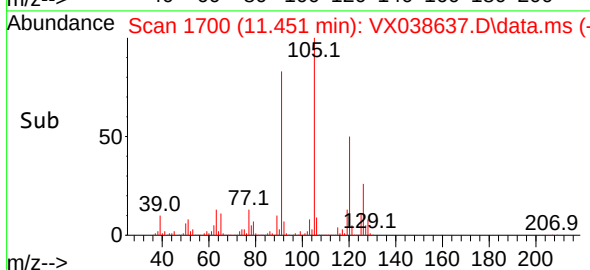
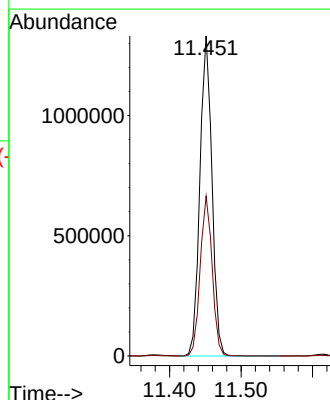
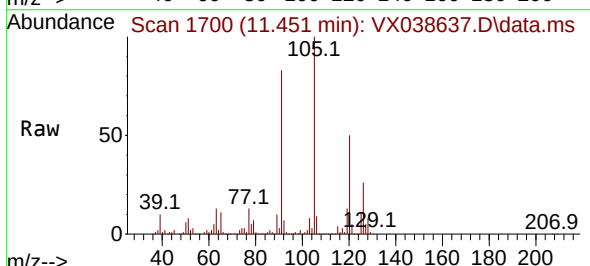
Manual Integrations
APPROVED

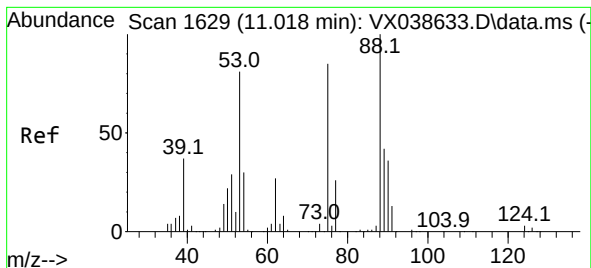
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#80
1,3,5-Trimethylbenzene
Concen: 101.073 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

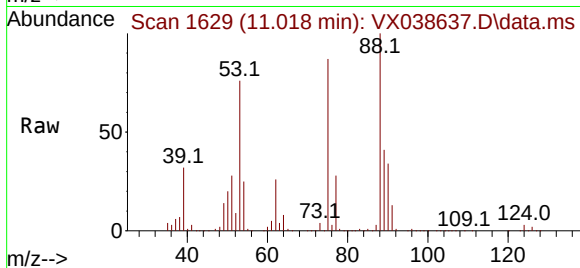
Tgt Ion:105 Resp: 1552360
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 99.899 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

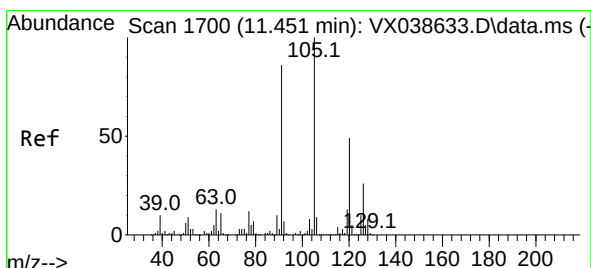
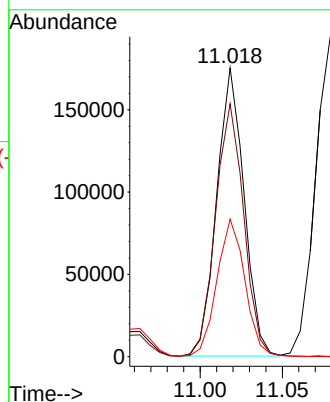
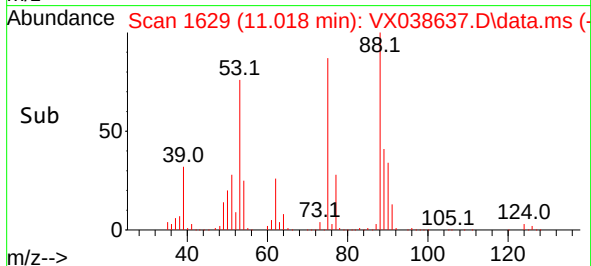
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 202463
Ion Ratio Lower Upper
75 100
53 90.4 90.5 135.7
89 49.2 36.9 55.3

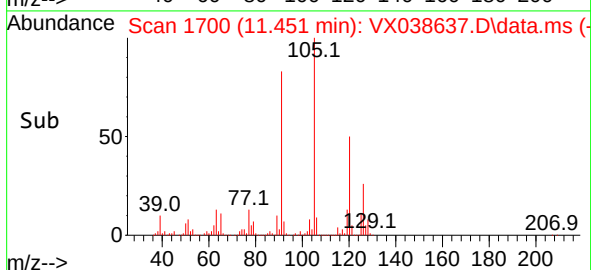
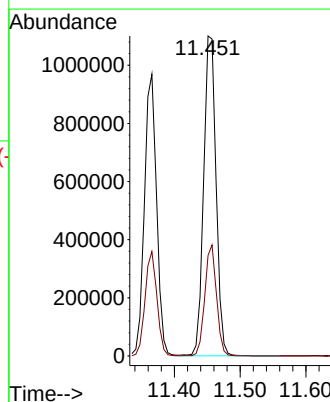
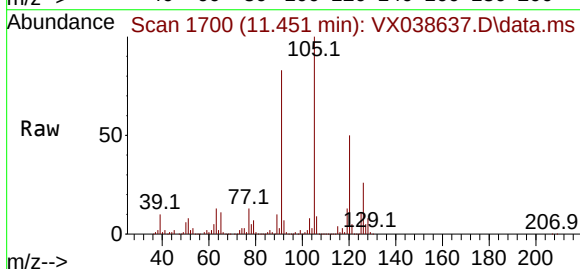
Manual Integrations
APPROVED

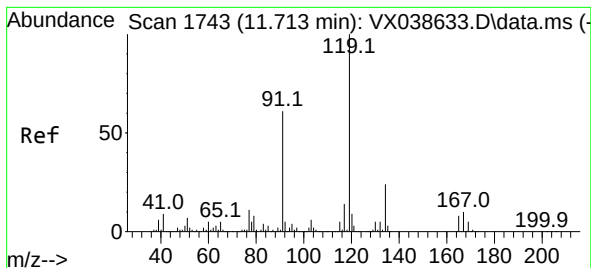
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#82
4-Chlorotoluene
Concen: 99.409 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 91 Resp: 1443892
Ion Ratio Lower Upper
91 100
126 32.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 100.546 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 1564780

Ion Ratio Lower Upper

119 100

91 57.3 31.2 93.6

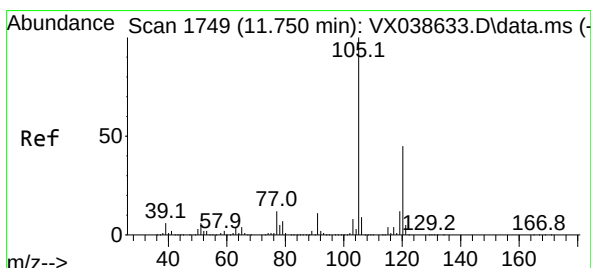
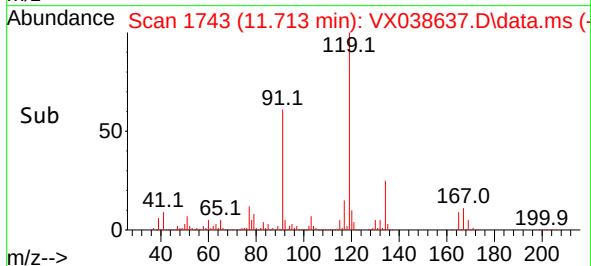
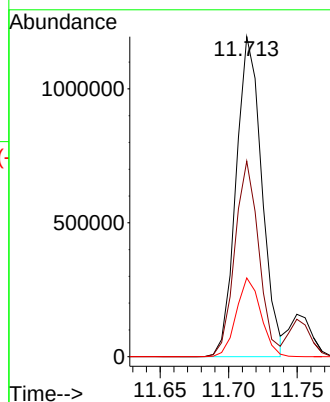
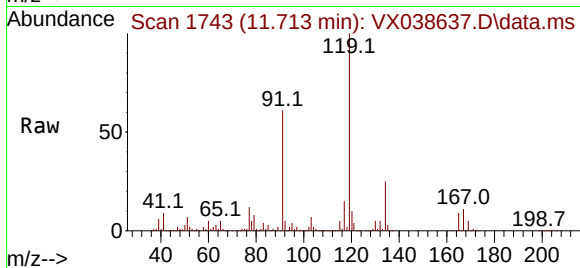
134 23.5 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#84

1,2,4-Trimethylbenzene

Concen: 102.164 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX038637.D

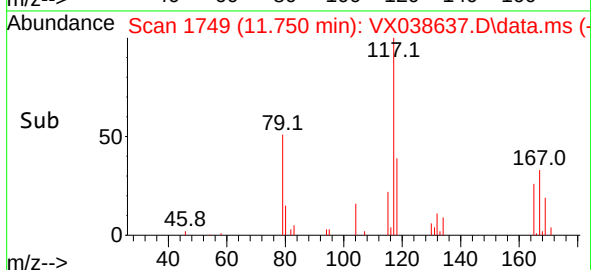
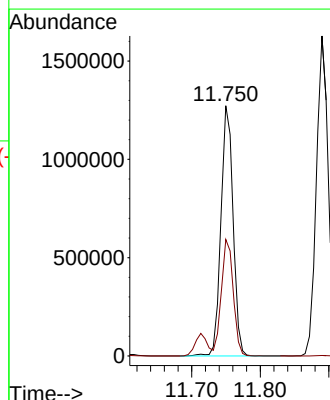
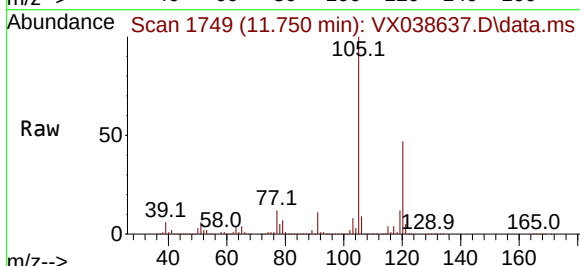
Acq: 07 Nov 2023 16:52

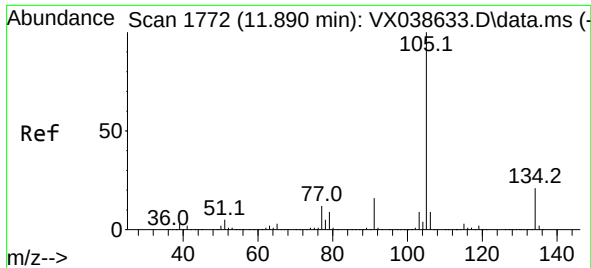
Tgt Ion:105 Resp: 1556298

Ion Ratio Lower Upper

105 100

120 45.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 101.257 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038637.D
 Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

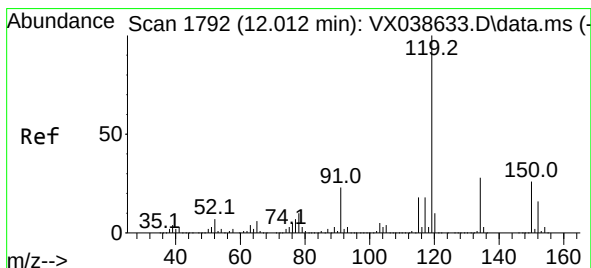
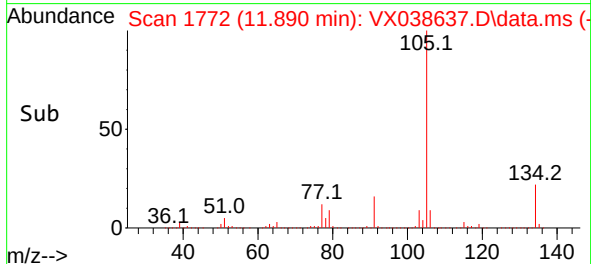
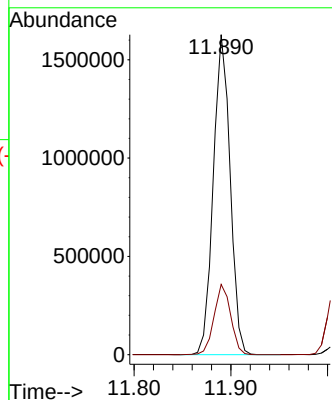
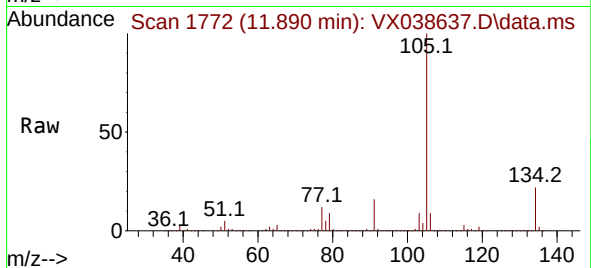
VSTDICC100

Tgt Ion:105 Resp: 1966320
 Ion Ratio Lower Upper
 105 100
 134 21.7 9.8 29.4

Manual Integrations

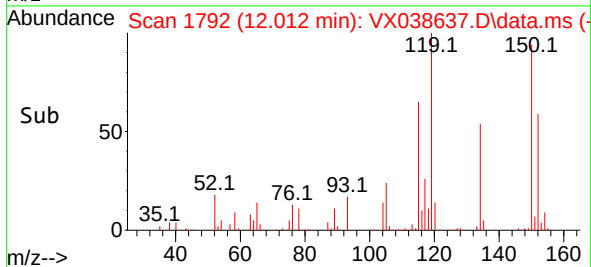
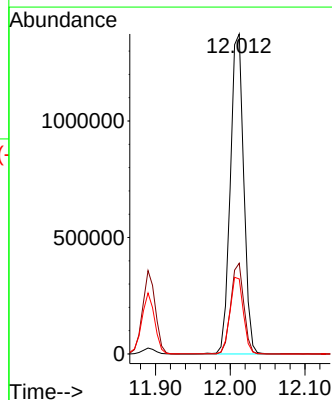
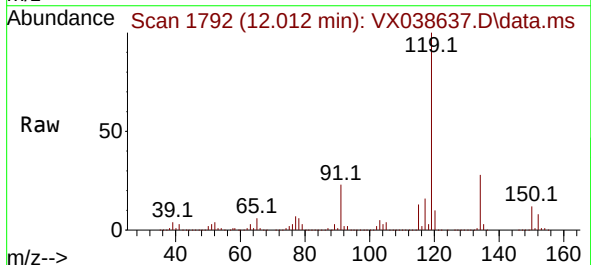
APPROVED

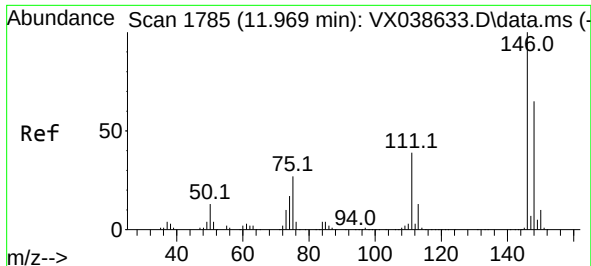
Reviewed By :John Carlone 11/08/2023
 Supervised By :Mahesh Dadoda 11/08/2023



#86
 p-Isopropyltoluene
 Concen: 103.731 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX038637.D
 Acq: 07 Nov 2023 16:52

Tgt Ion:119 Resp: 1715983
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 99.425 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038637.D

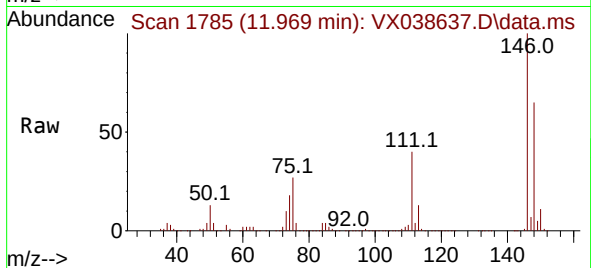
Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100



Tgt Ion:146 Resp: 931010

Ion Ratio Lower Upper

146 100

111 39.7 22.1 66.1

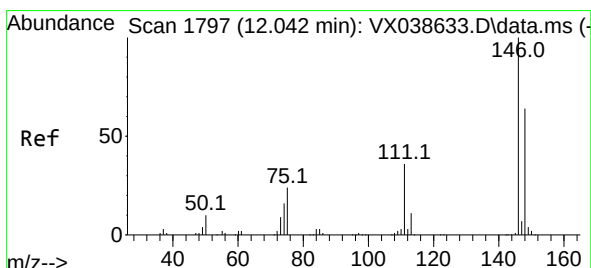
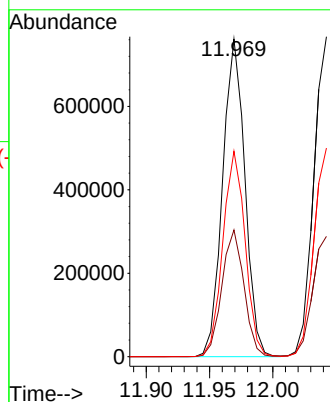
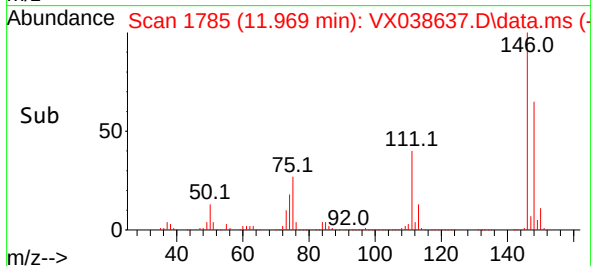
148 64.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#88

1,4-Dichlorobenzene

Concen: 97.740 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

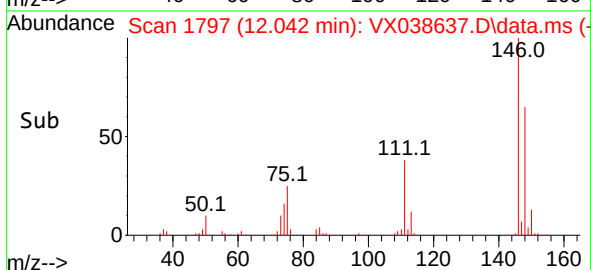
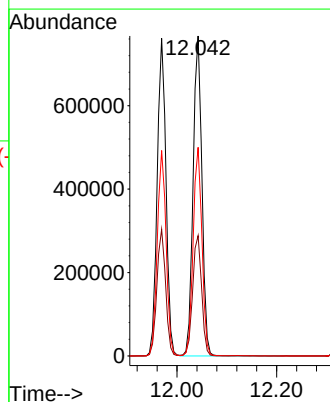
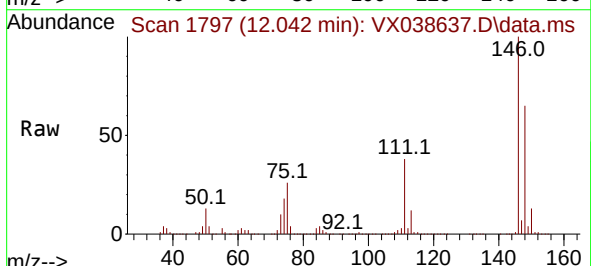
Tgt Ion:146 Resp: 940729

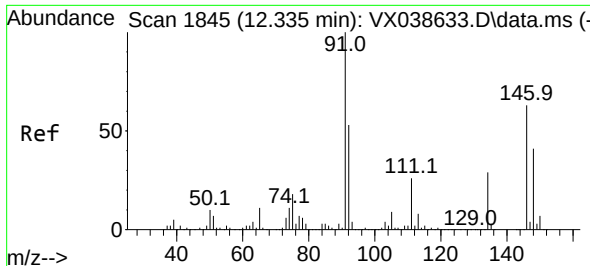
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 65.0 31.8 95.4





#89

n-Butylbenzene

Concen: 105.351 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX038637.D

Acq: 07 Nov 2023 16:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 155088

Ion Ratio Lower Upper

91 100

92 53.6 27.4 82.0

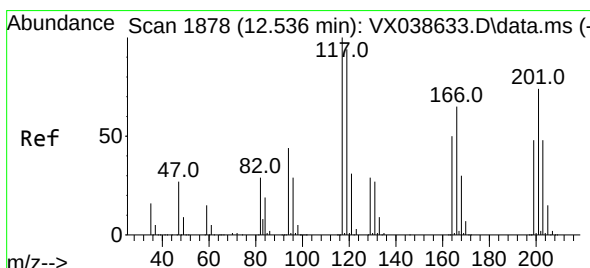
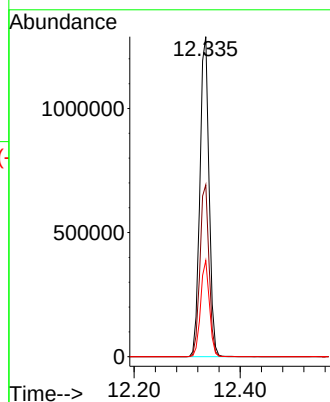
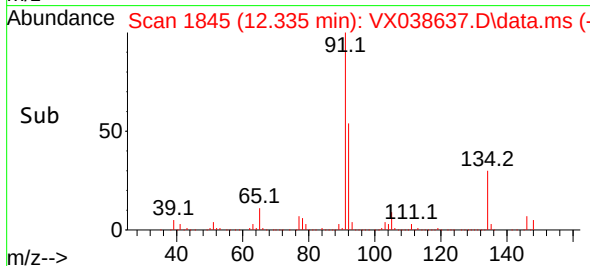
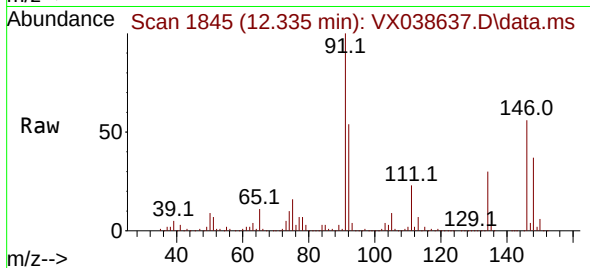
134 29.0 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/08/2023

Supervised By :Mahesh Dadoda 11/08/2023



#90

Hexachloroethane

Concen: 110.508 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038637.D

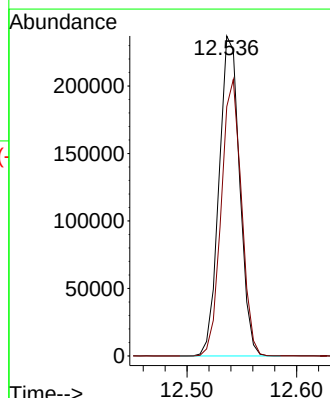
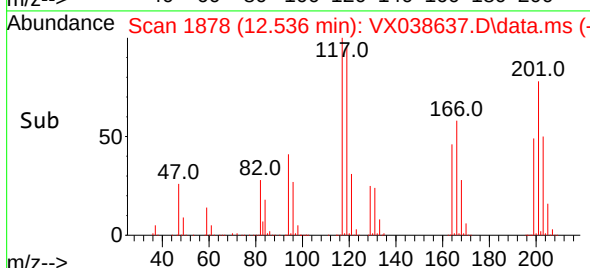
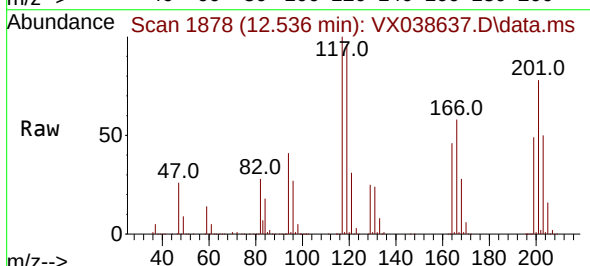
Acq: 07 Nov 2023 16:52

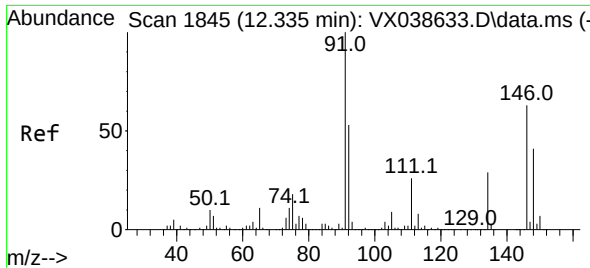
Tgt Ion:117 Resp: 309654

Ion Ratio Lower Upper

117 100

201 84.6 32.9 98.6





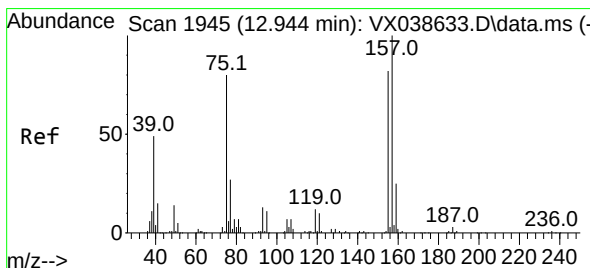
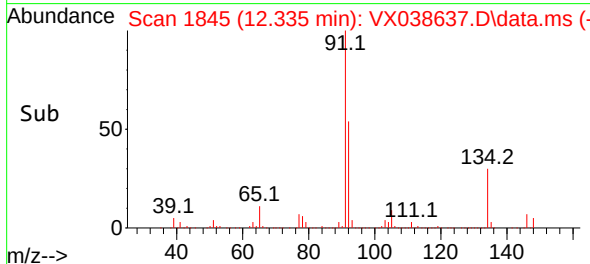
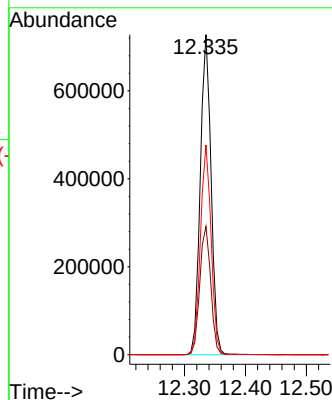
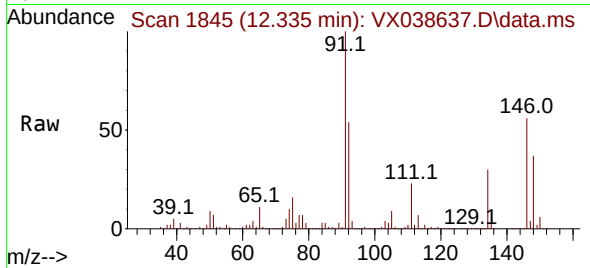
#91
1,2-Dichlorobenzene
Concen: 97.755 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 893952
Ion Ratio Lower Upper
146 100
111 40.7 22.4 67.0
148 65.0 31.6 95.0

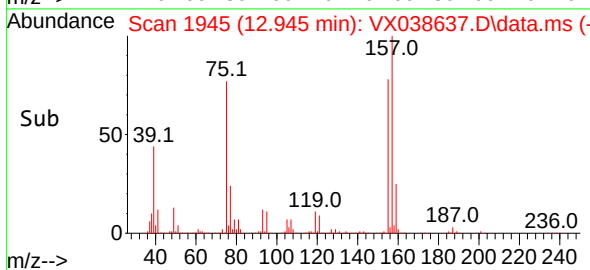
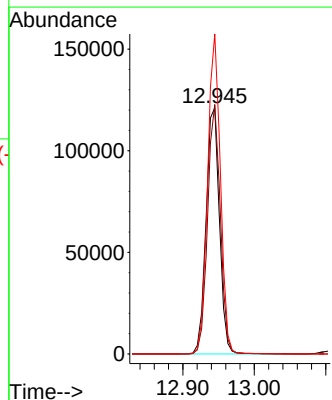
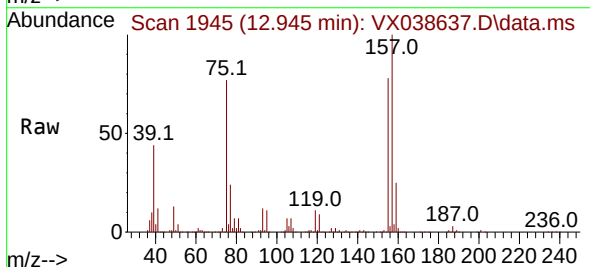
Manual Integrations
APPROVED

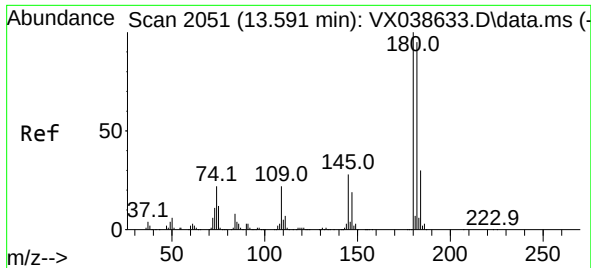
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.614 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion: 75 Resp: 157560
Ion Ratio Lower Upper
75 100
155 96.7 36.1 108.5
157 123.9 44.9 134.7





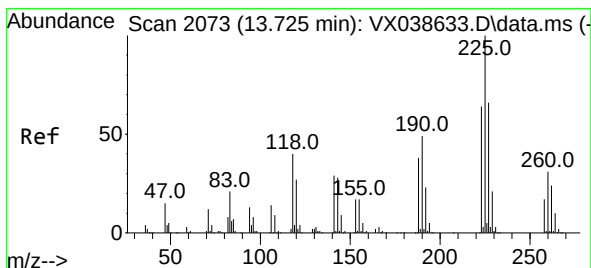
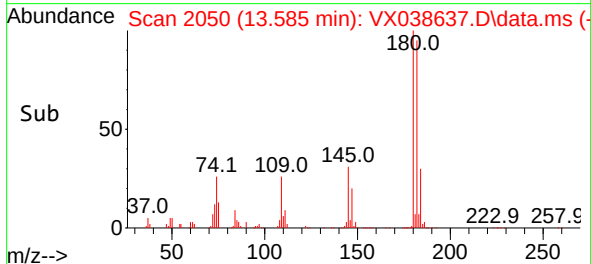
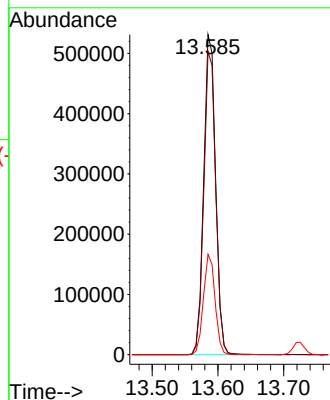
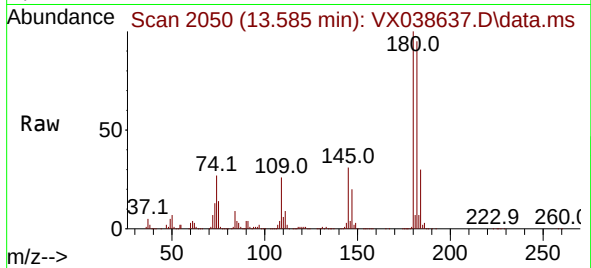
#93
1,2,4-Trichlorobenzene
Concen: 101.908 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:180 Resp: 666564
Ion Ratio Lower Upper
180 100
182 95.1 48.3 144.8
145 30.8 18.0 54.0

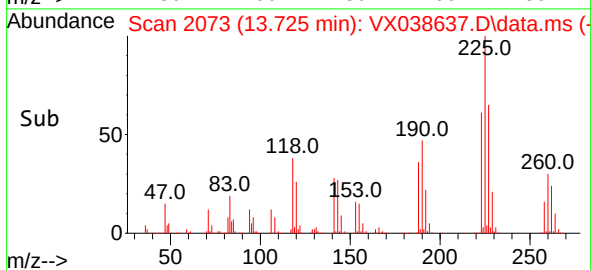
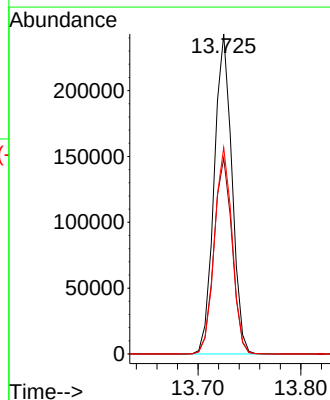
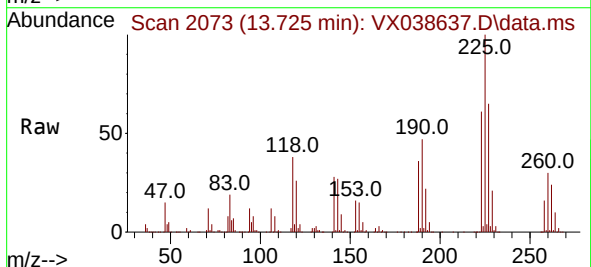
Manual Integrations
APPROVED

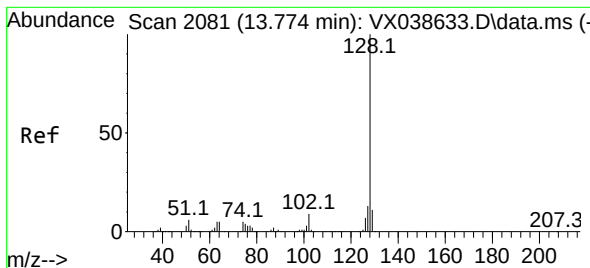
Reviewed By :John Carlone 11/08/2023
Supervised By :Mahesh Dadoda 11/08/2023



#94
Hexachlorobutadiene
Concen: 103.048 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

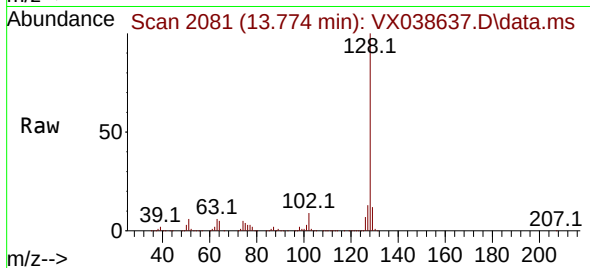
Tgt Ion:225 Resp: 290841
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 63.9 32.5 97.5





#95
Naphthalene
Concen: 101.587 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

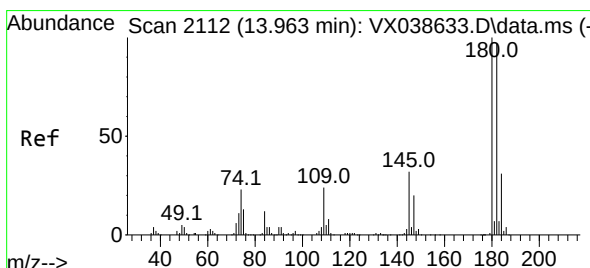
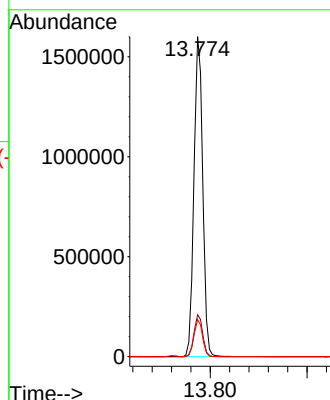
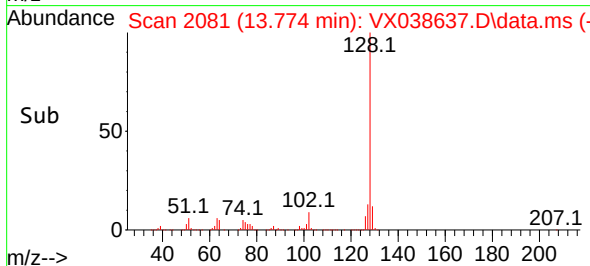
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:128 Resp: 2004309
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.3 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: 100.027 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038637.D
Acq: 07 Nov 2023 16:52

Tgt Ion:180 Resp: 644875
Ion Ratio Lower Upper
180 100
182 95.3 46.9 140.6
145 32.2 17.8 53.5

