

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111023\
 Data File : VX038744.D
 Acq On : 10 Nov 2023 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 11 02:01:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	307634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	476115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	461314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	268040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182374	47.618	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.240%		
35) Dibromofluoromethane	5.385	113	166961	48.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	8.647	98	584348	47.621	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.240%		
62) 4-Bromofluorobenzene	11.079	95	235726	49.548	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.100%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	154836	48.466	ug/l	97
3) Chloromethane	1.295	50	123659	44.783	ug/l	97
4) Vinyl Chloride	1.374	62	139913	47.596	ug/l	99
5) Bromomethane	1.599	94	101212	44.608	ug/l	100
6) Chloroethane	1.685	64	89747	48.218	ug/l	100
7) Trichlorofluoromethane	1.886	101	256836	50.679	ug/l	100
8) Diethyl Ether	2.136	74	86889	49.944	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	145023	48.397	ug/l	88
10) Methyl Iodide	2.453	142	206230	55.726	ug/l	91
11) Tert butyl alcohol	2.959	59	209973	268.185	ug/l	# 93
12) 1,1-Dichloroethene	2.319	96	140457	48.923	ug/l	# 78
13) Acrolein	2.233	56	148243	249.816	ug/l	99
14) Allyl chloride	2.660	41	190175	46.247	ug/l	# 93
15) Acrylonitrile	3.062	53	419530	253.903	ug/l	99
16) Acetone	2.380	43	366634	227.303	ug/l	# 87
17) Carbon Disulfide	2.514	76	339552	44.511	ug/l	98
18) Methyl Acetate	2.703	43	345237	50.239	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	466301	50.790	ug/l	96
20) Methylene Chloride	2.788	84	156789	48.220	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	152936	48.930	ug/l	84
22) Diisopropyl ether	3.757	45	383281	49.454	ug/l	# 92
23) Vinyl Acetate	3.721	43	1364422	248.031	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	249267	48.613	ug/l	96
25) 2-Butanone	4.550	43	570696	244.242	ug/l	# 85
26) 2,2-Dichloropropane	4.477	77	190145	42.471	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	180761	50.082	ug/l	82
28) Bromochloromethane	4.898	49	113071	49.069	ug/l	# 53
29) Tetrahydrofuran	5.001	42	362927	249.646	ug/l	# 80
30) Chloroform	5.093	83	290249	48.244	ug/l	97
31) Cyclohexane	5.477	56	194117	45.796	ug/l	86
32) 1,1,1-Trichloroethane	5.385	97	262638	49.605	ug/l	95
36) 1,1-Dichloropropene	5.690	75	200858	47.154	ug/l	94
37) Ethyl Acetate	4.715	43	210391	48.377	ug/l	# 92
38) Carbon Tetrachloride	5.678	117	236380	49.639	ug/l	98
39) Methylcyclohexane	7.379	83	240946	45.242	ug/l	89
40) Benzene	6.038	78	586653	47.816	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	111893	50.501	ug/l #	87
42) 1,2-Dichloroethane	6.086	62	217430	49.115	ug/l	95
43) Isopropyl Acetate	6.342	43	325272	48.649	ug/l #	91
44) Trichloroethene	7.123	130	187198	49.038	ug/l	92
45) 1,2-Dichloropropane	7.428	63	144185	48.614	ug/l	98
46) Dibromomethane	7.580	93	123233	49.684	ug/l #	86
47) Bromodichloromethane	7.824	83	226842	48.630	ug/l	97
48) Methyl methacrylate	7.690	41	159218	49.413	ug/l #	83
49) 1,4-Dioxane	7.659	88	80199	1093.319	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	1091900	250.652	ug/l	91
52) Toluene	8.720	92	395363	49.192	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	234087	49.291	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	248021	49.471	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	173128	50.768	ug/l	97
56) Ethyl methacrylate	9.116	69	250427	52.487	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	264867	49.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	590402	251.678	ug/l #	89
59) 2-Hexanone	9.427	43	874192	248.012	ug/l	88
60) Dibromochloromethane	9.519	129	195162	50.981	ug/l	99
61) 1,2-Dibromoethane	9.610	107	192672	50.272	ug/l	99
64) Tetrachloroethene	9.275	164	163280	47.285	ug/l	96
65) Chlorobenzene	10.079	112	459971	48.981	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	179124	50.740	ug/l	99
67) Ethyl Benzene	10.195	91	772951	48.660	ug/l	97
68) m/p-Xylenes	10.299	106	615476	97.625	ug/l	96
69) o-Xylene	10.640	106	305416	49.816	ug/l	95
70) Styrene	10.653	104	513468	50.746	ug/l	95
71) Bromoform	10.799	173	160129	51.390	ug/l #	100
73) Isopropylbenzene	10.964	105	796626	48.444	ug/l	97
74) N-amyl acetate	10.842	43	280864	49.157	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	275119	48.395	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	258966m	48.783	ug/l	
77) Bromobenzene	11.195	156	218564	48.429	ug/l	82
78) n-propylbenzene	11.305	91	914119	47.770	ug/l	96
79) 2-Chlorotoluene	11.366	91	548976	47.918	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	698615	49.363	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78270	46.484	ug/l	85
82) 4-Chlorotoluene	11.451	91	647016	48.342	ug/l	93
83) tert-Butylbenzene	11.713	119	702383	48.979	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	692681	49.347	ug/l	96
85) sec-Butylbenzene	11.890	105	854600	47.759	ug/l	96
86) p-Isopropyltoluene	12.006	119	742600	48.716	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	408449	47.337	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	417377	47.061	ug/l	97
89) n-Butylbenzene	12.329	91	634625	46.784	ug/l	96
90) Hexachloroethane	12.536	117	126464	48.978	ug/l	75
91) 1,2-Dichlorobenzene	12.335	146	406317	48.218	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	71521	50.057	ug/l	64
93) 1,2,4-Trichlorobenzene	13.585	180	287953	47.776	ug/l	97
94) Hexachlorobutadiene	13.725	225	119613	45.992	ug/l	99
95) Naphthalene	13.774	128	914007	50.274	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	281306	47.353	ug/l	97

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VSTDCCC050EC

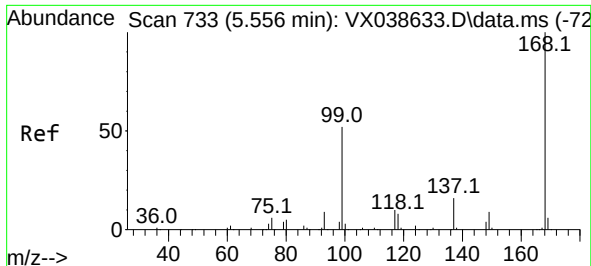
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 11/13/2023

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Quant Title : SW846 8260
QLast Update : Wed Nov 08 03:19:07 2023
Response via : Initial Calibration

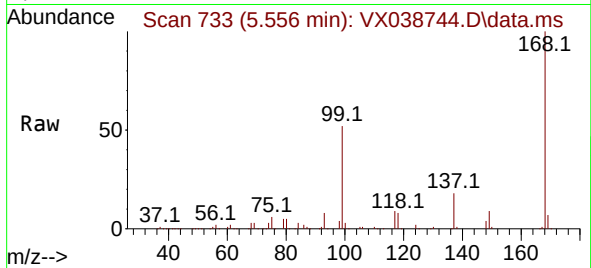
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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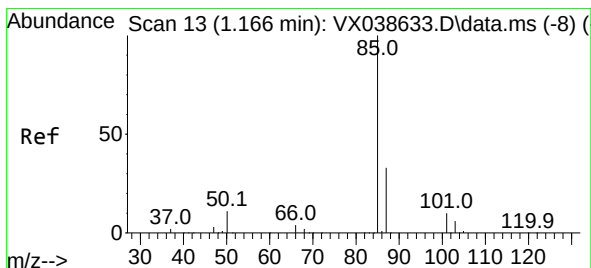
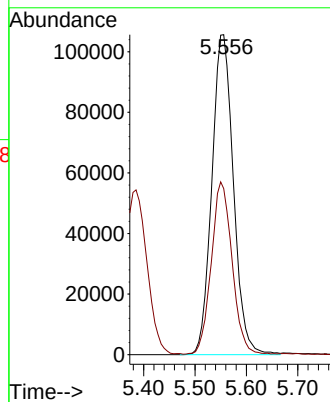
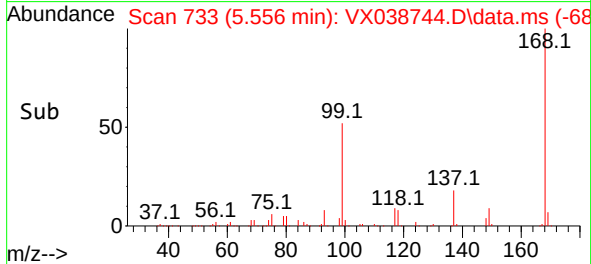
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 307634
Ion Ratio Lower Upper
168 100
99 51.6 56.6 85.0

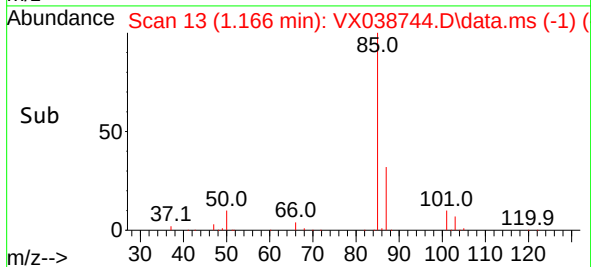
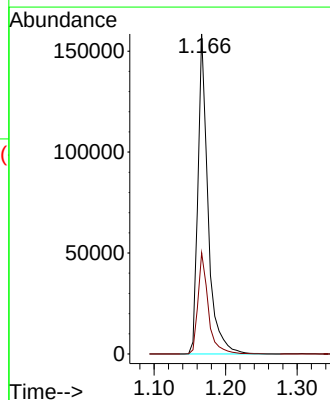
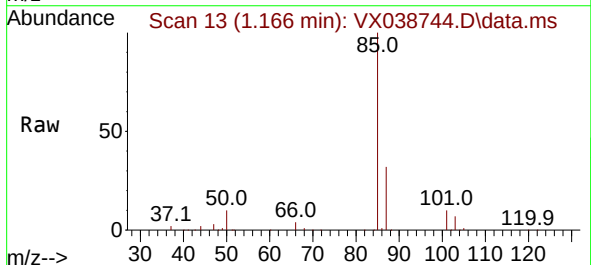
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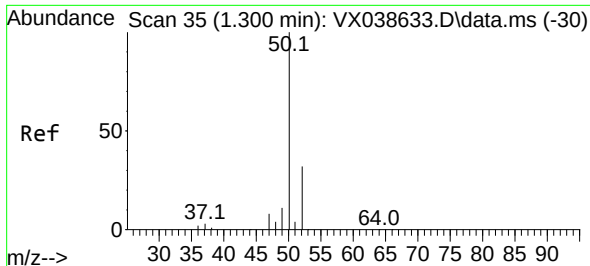
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#2
Dichlorodifluoromethane
Concen: 48.466 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

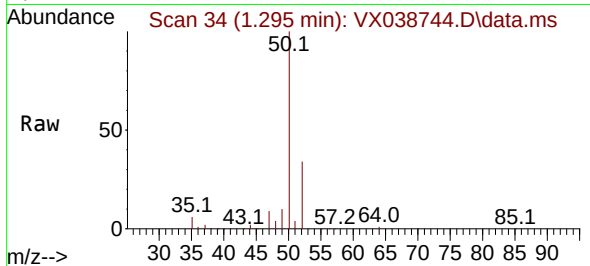
Tgt Ion: 85 Resp: 154836
Ion Ratio Lower Upper
85 100
87 31.6 16.7 50.1





#3
Chloromethane
Concen: 44.783 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

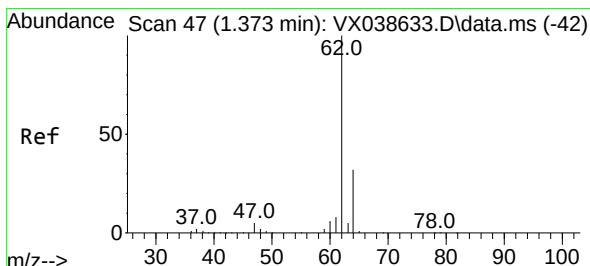
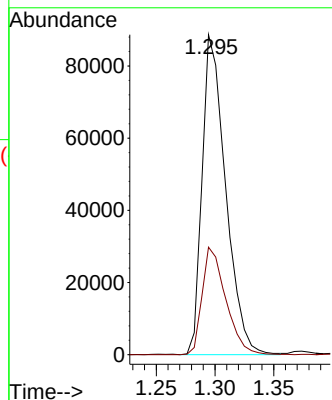
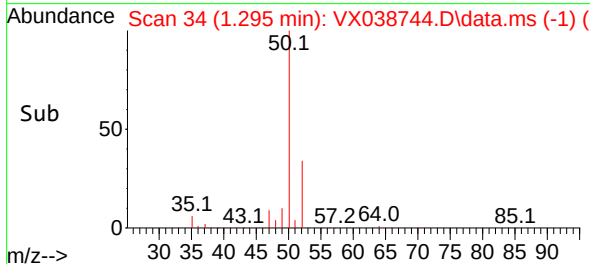
Instrument :
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VSTDCCC050EC



Tgt Ion: 50 Resp: 123659
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

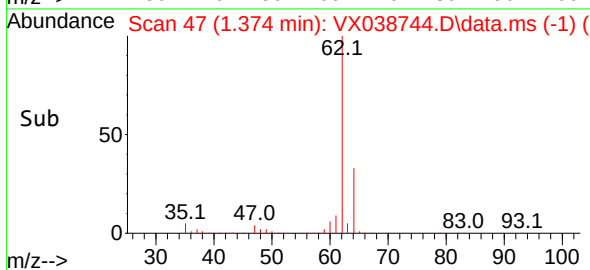
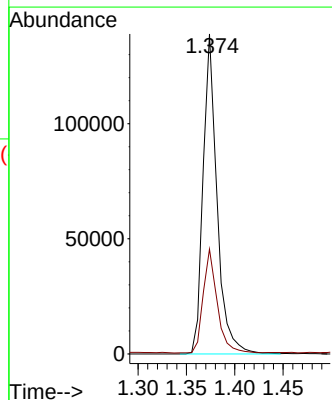
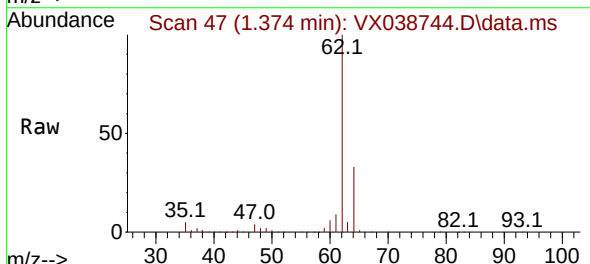
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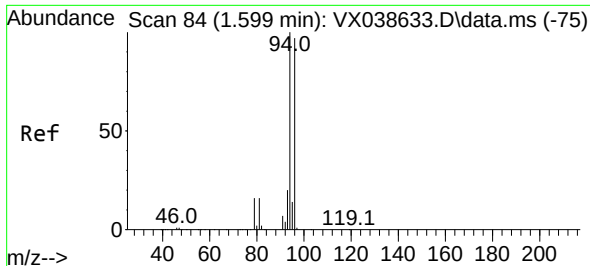
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#4
Vinyl Chloride
Concen: 47.596 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

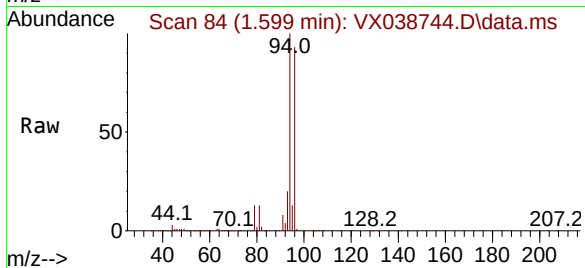
Tgt Ion: 62 Resp: 139913
Ion Ratio Lower Upper
62 100
64 32.4 25.4 38.0





#5
Bromomethane
Concen: 44.608 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

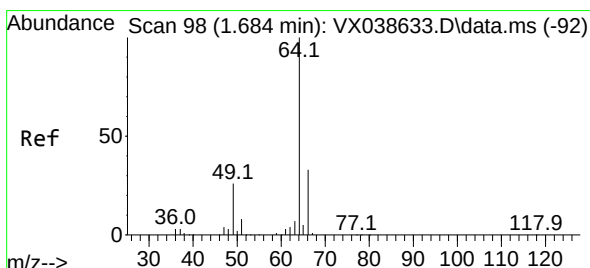
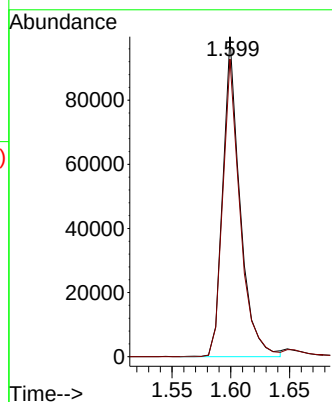
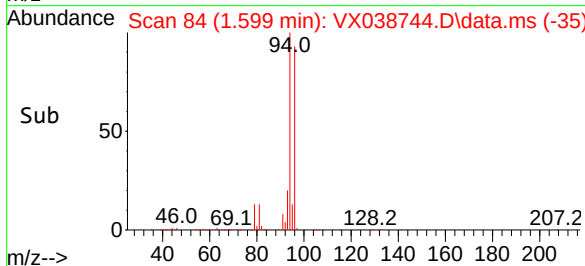
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 101212
Ion Ratio Lower Upper
94 100
96 93.0 74.6 111.8

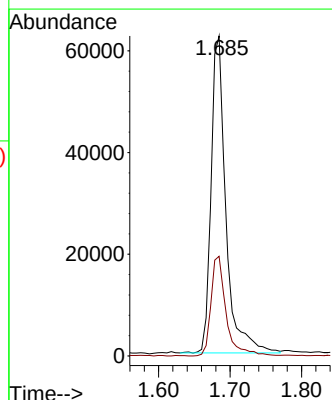
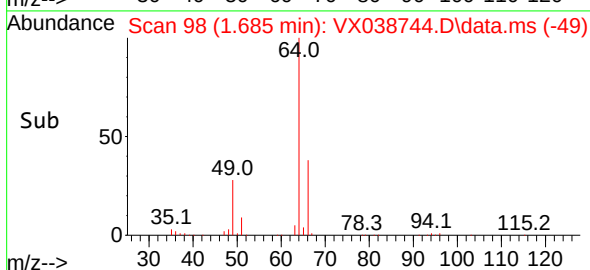
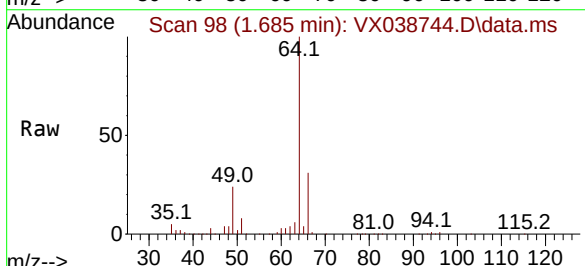
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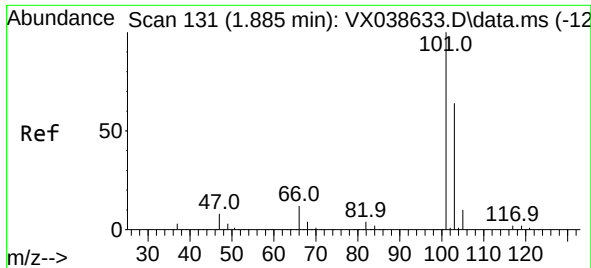
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#6
Chloroethane
Concen: 48.218 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038744.D
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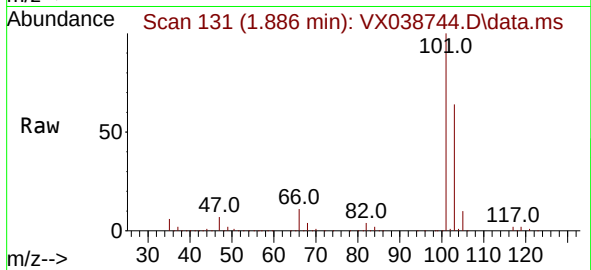
Tgt Ion: 64 Resp: 89747
Ion Ratio Lower Upper
64 100
66 31.3 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 50.679 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10

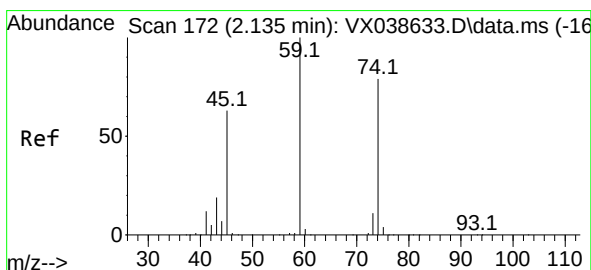
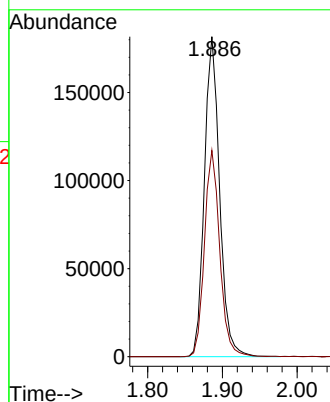
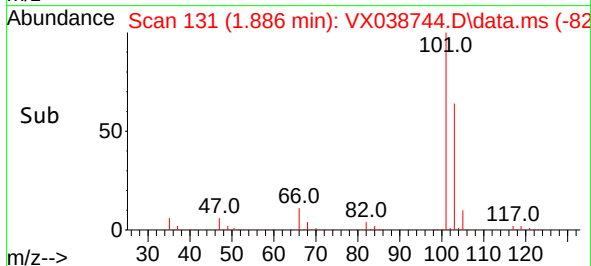
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 256830
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

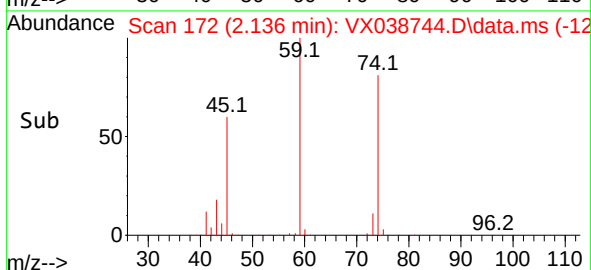
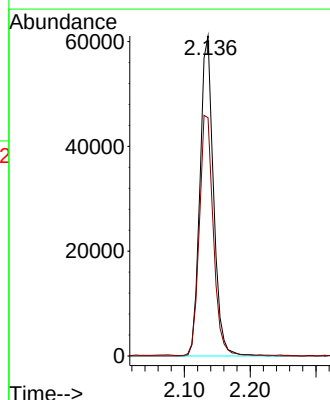
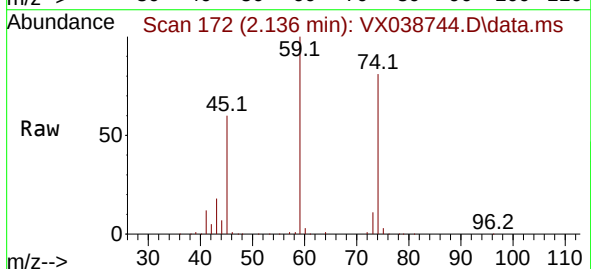
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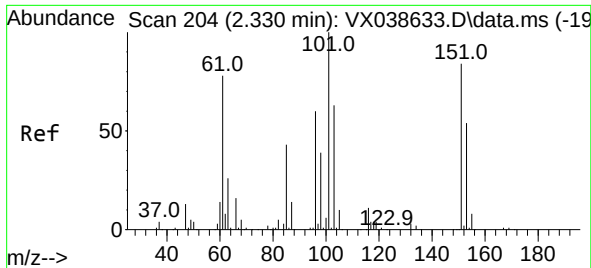
Reviewed By :John Carlone 11/13/2023
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#8
 Diethyl Ether
 Concen: 49.944 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 86889
 Ion Ratio Lower Upper
 74 100
 45 77.8 53.3 159.8





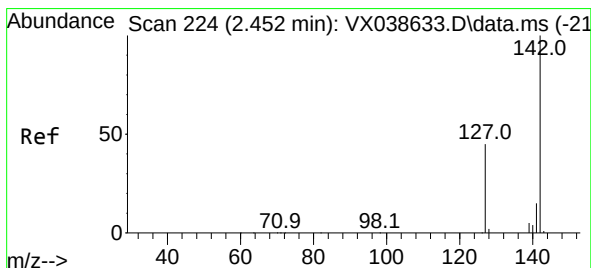
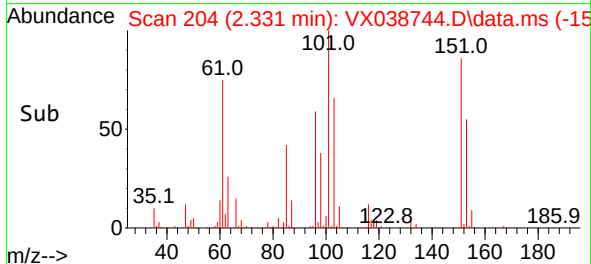
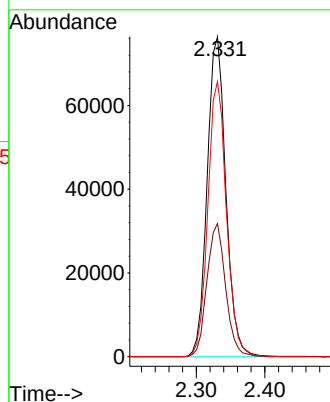
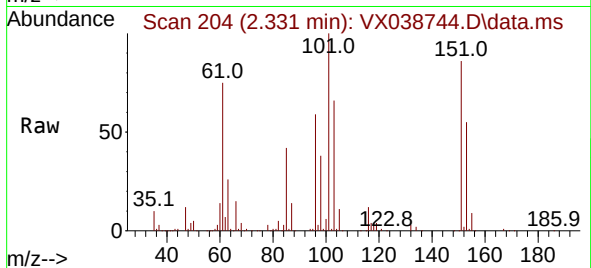
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.397 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 14502
Ion Ratio Lower Upper
101 100
85 41.6 37.0 55.6
151 85.8 58.6 87.8

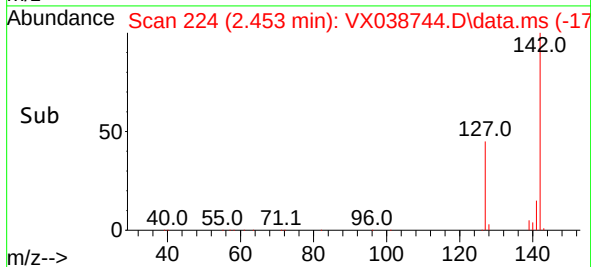
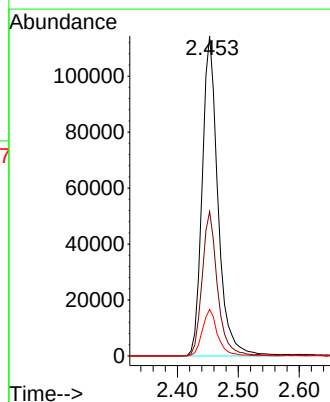
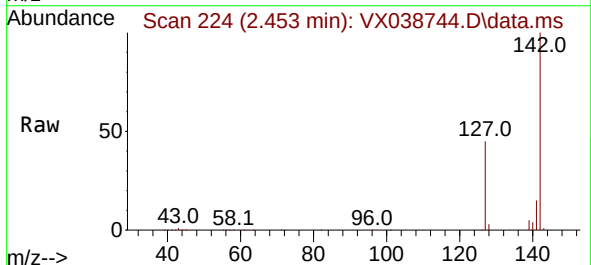
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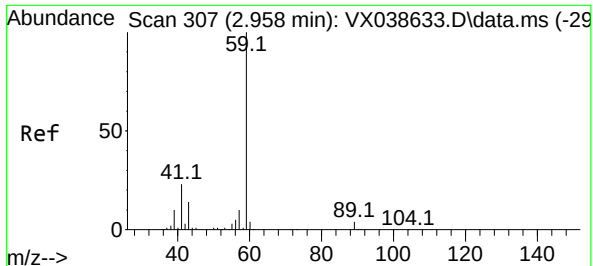
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#10
Methyl Iodide
Concen: 55.726 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:142 Resp: 206230
Ion Ratio Lower Upper
142 100
127 44.2 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 268.185 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 20997

Ion Ratio Lower Upper

59 100

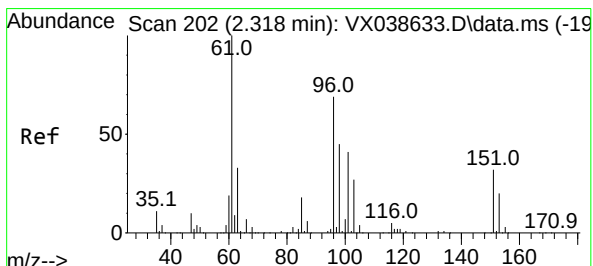
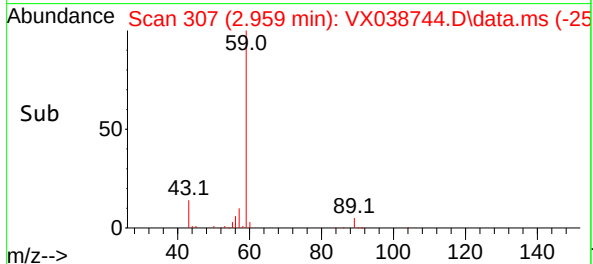
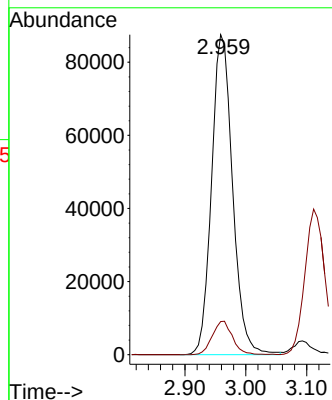
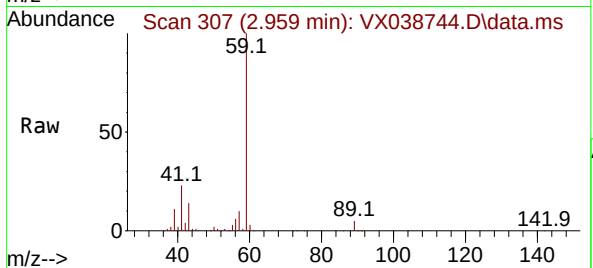
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#12

1,1-Dichloroethene

Concen: 48.923 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

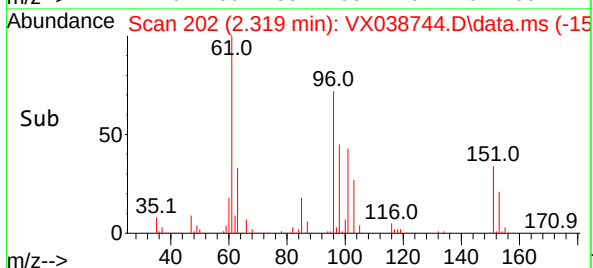
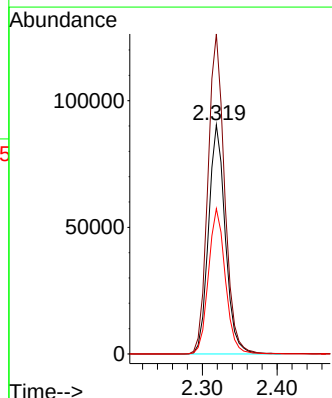
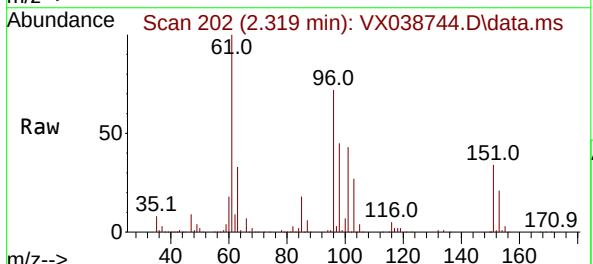
Tgt Ion: 96 Resp: 140457

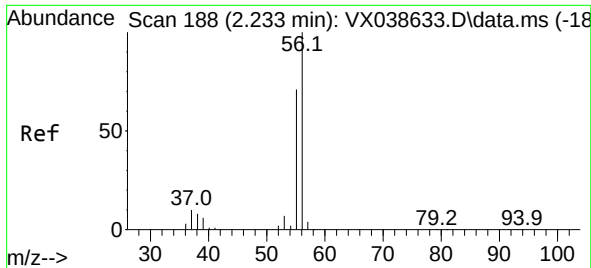
Ion Ratio Lower Upper

96 100

61 139.7 144.6 216.8

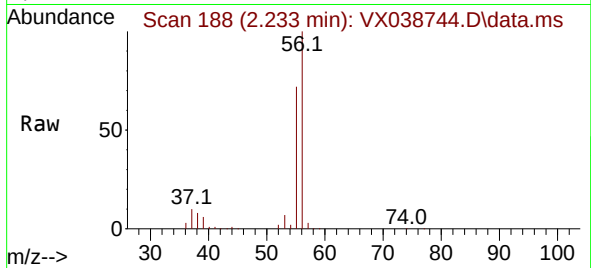
98 63.4 50.4 75.6





#13
Acrolein
Concen: 249.816 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

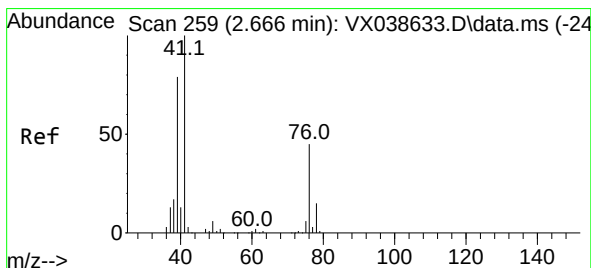
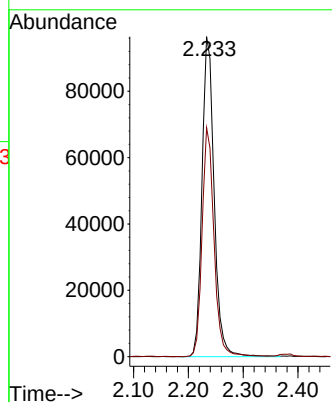
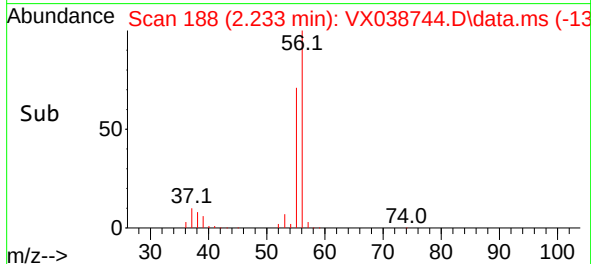
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14824
Ion Ratio Lower Upper
56 100
55 70.6 57.1 85.7

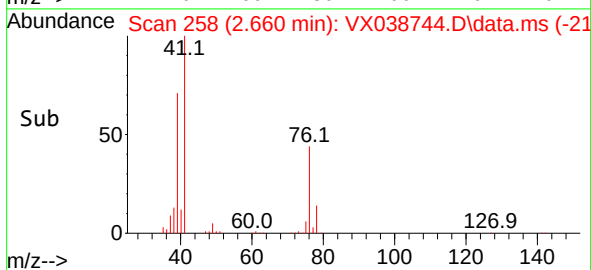
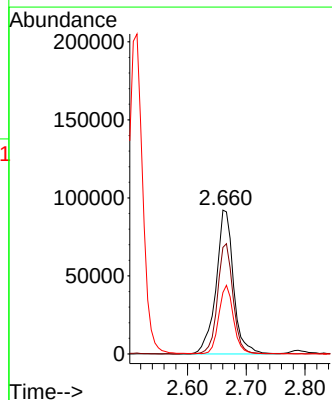
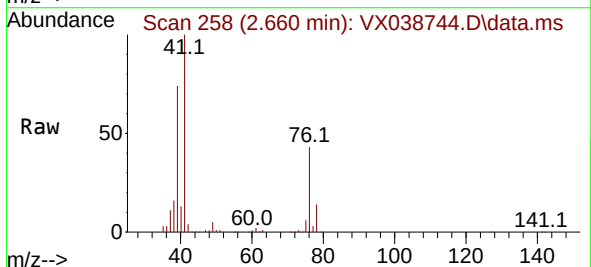
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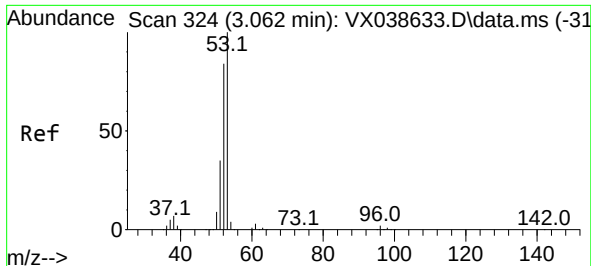
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#14
Allyl chloride
Concen: 46.247 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

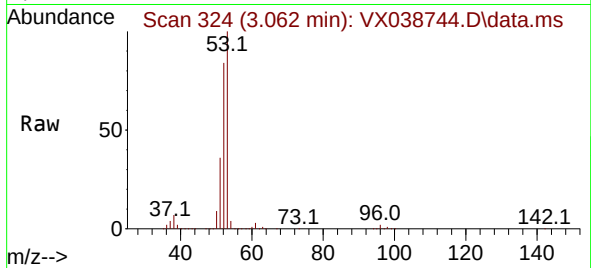
Tgt Ion: 41 Resp: 190175
Ion Ratio Lower Upper
41 100
39 68.0 55.8 83.6
76 39.9 24.3 36.5





#15
Acrylonitrile
Concen: 253.903 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

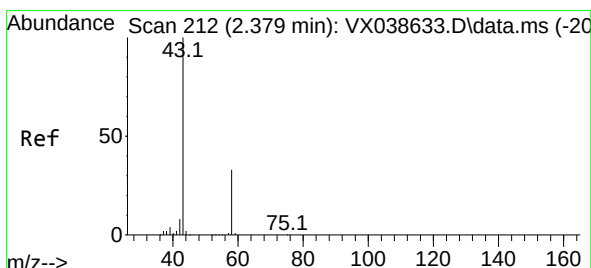
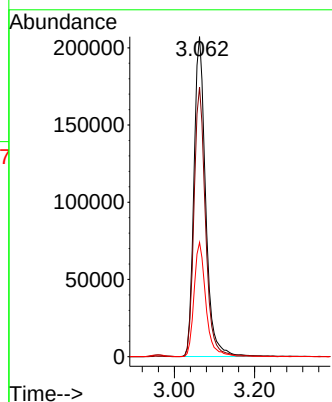
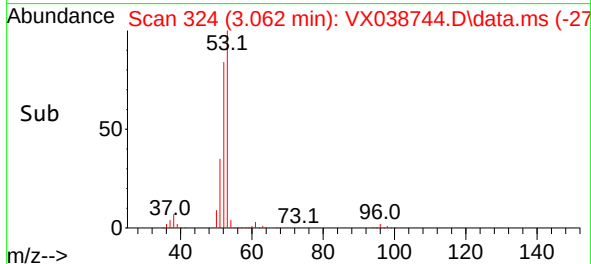
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 419530
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.0 29.8 44.6

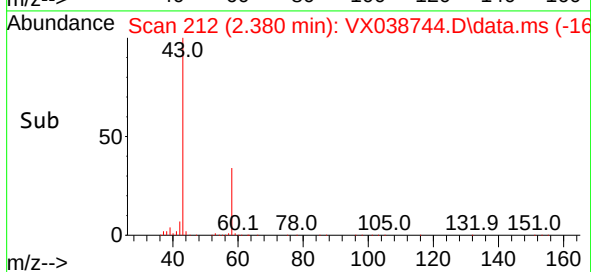
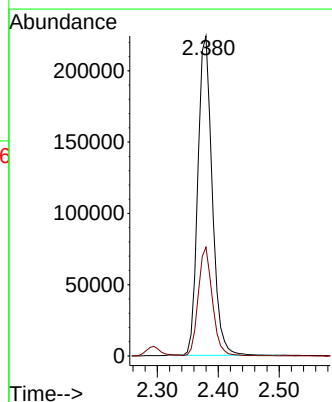
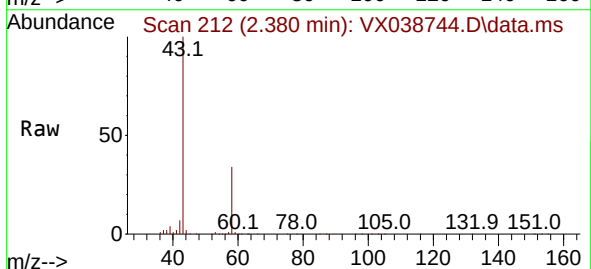
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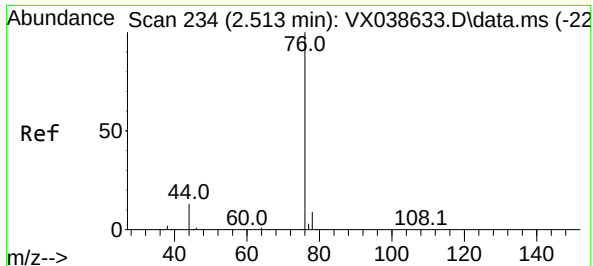
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 227.303 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion: 43 Resp: 366634
Ion Ratio Lower Upper
43 100
58 34.0 21.9 32.9





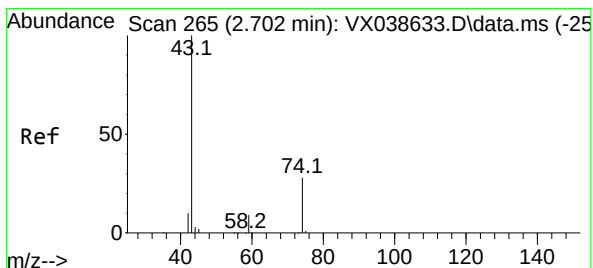
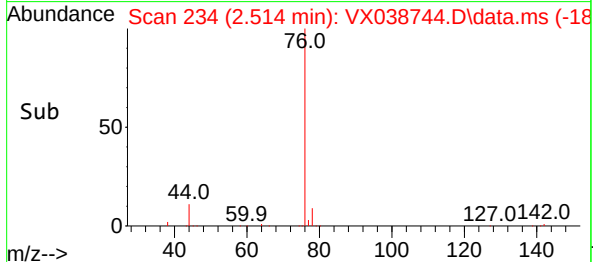
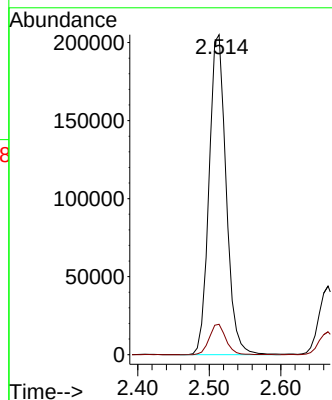
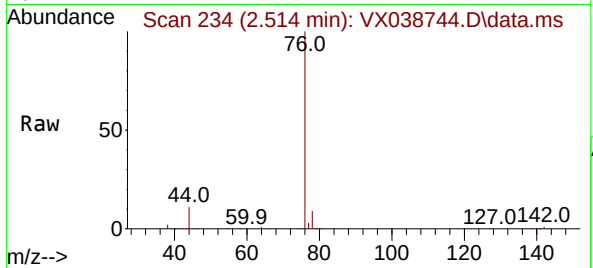
#17
Carbon Disulfide
Concen: 44.511 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 339552
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6

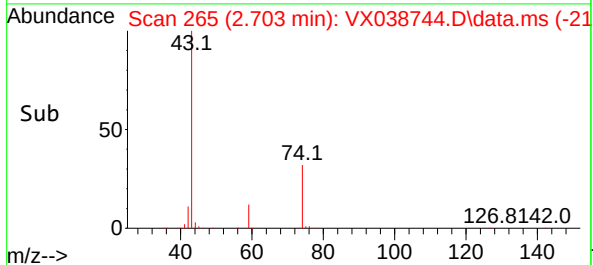
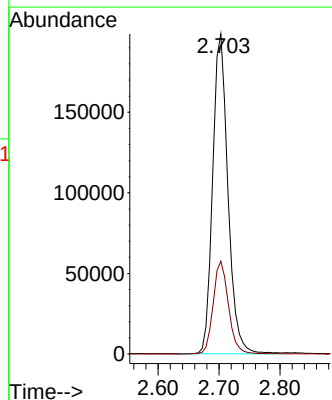
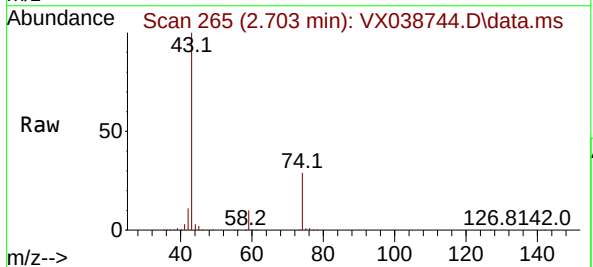
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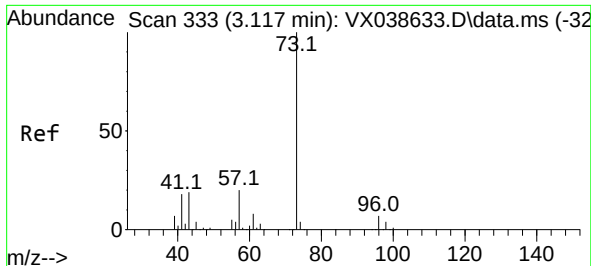
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#18
Methyl Acetate
Concen: 50.239 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

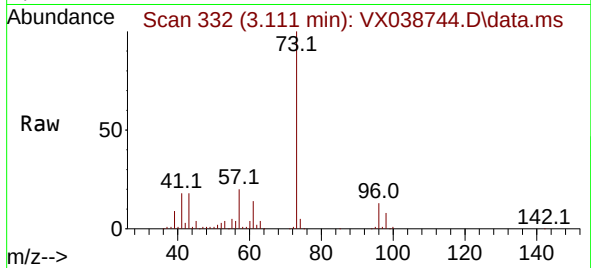
Tgt Ion: 43 Resp: 345237
Ion Ratio Lower Upper
43 100
74 29.2 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 50.790 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

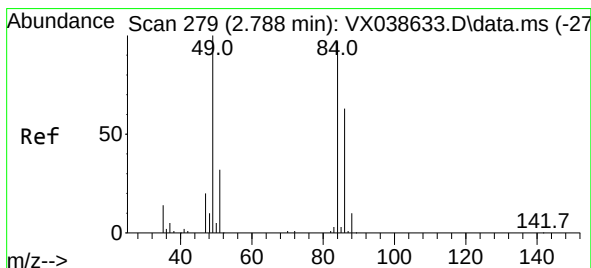
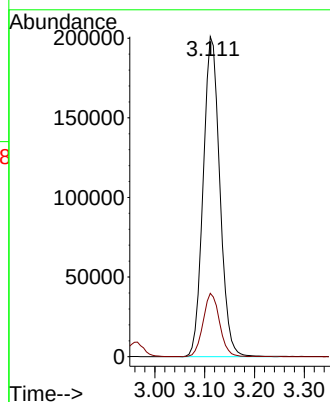
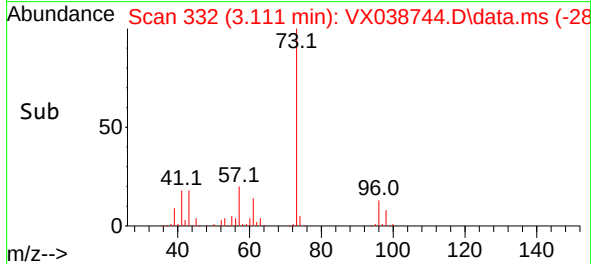
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 46630
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9

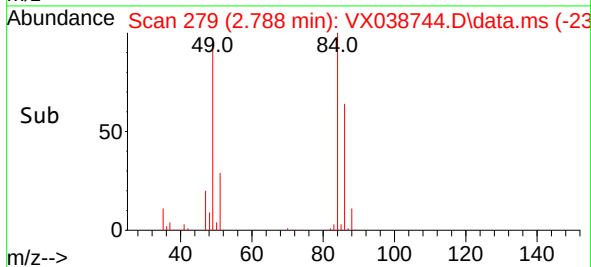
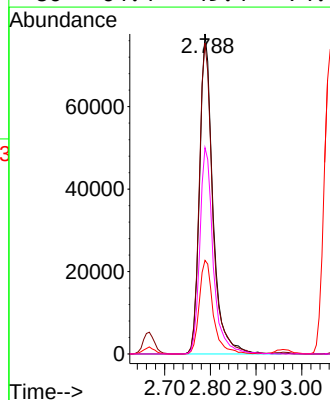
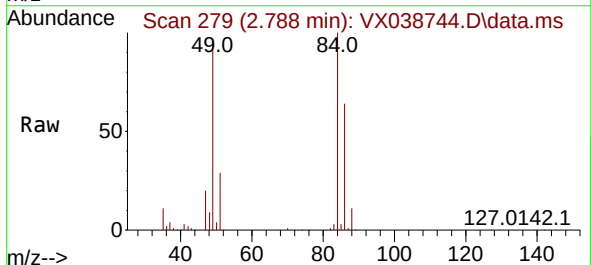
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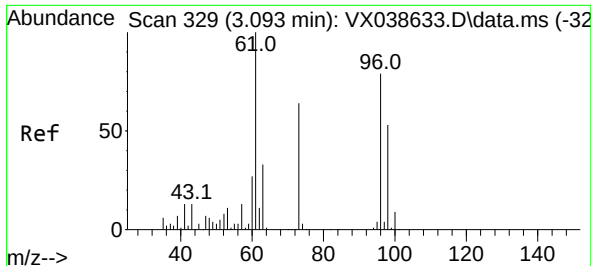
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 48.220 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

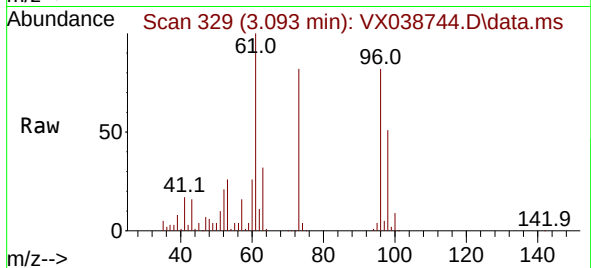
Tgt Ion: 84 Resp: 156789
Ion Ratio Lower Upper
84 100
49 97.1 103.6 155.4#
51 29.3 33.8 50.6#
86 64.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.930 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

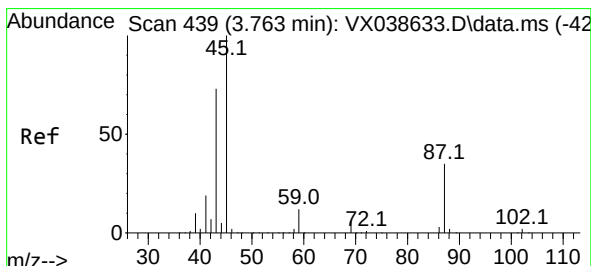
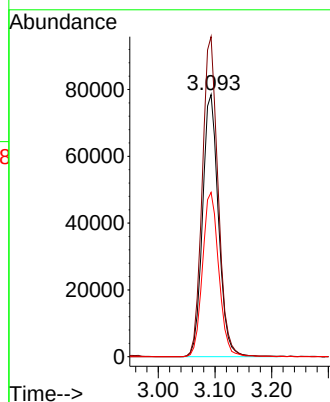
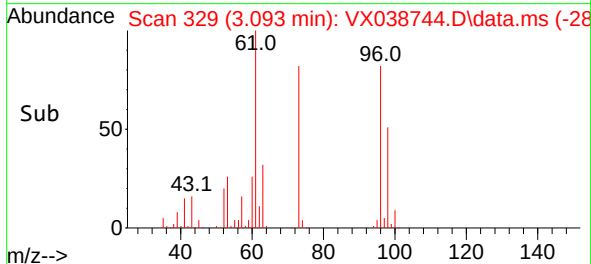
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 152930
Ion Ratio Lower Upper
96 100
61 122.1 119.2 178.8
98 62.7 48.7 73.1

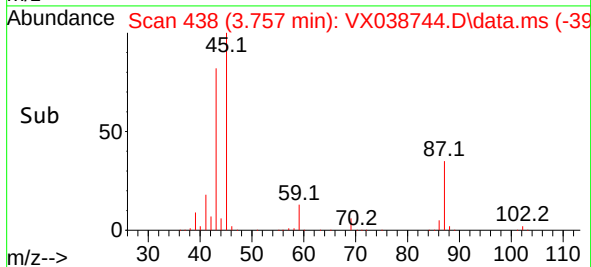
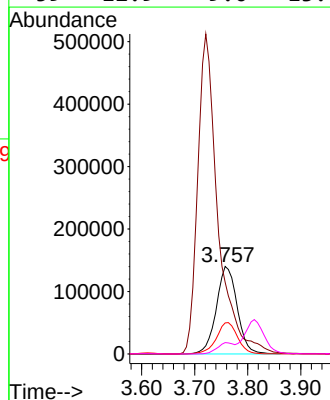
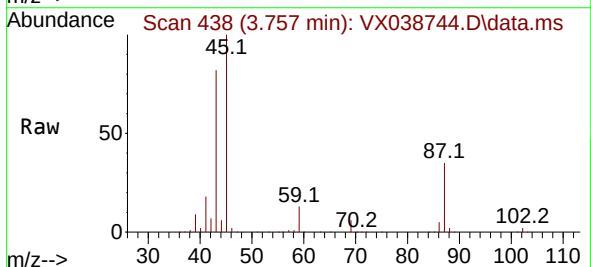
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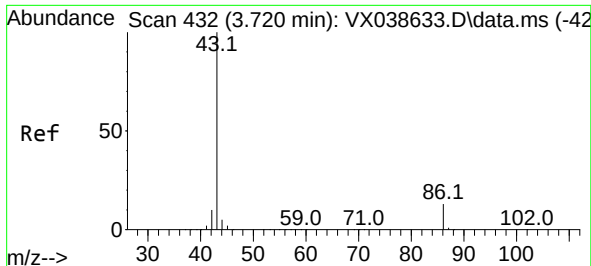
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#22
Diisopropyl ether
Concen: 49.454 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion: 45 Resp: 383281
Ion Ratio Lower Upper
45 100
43 81.8 69.7 104.5
87 35.4 20.8 31.2#
59 12.9 9.0 13.4





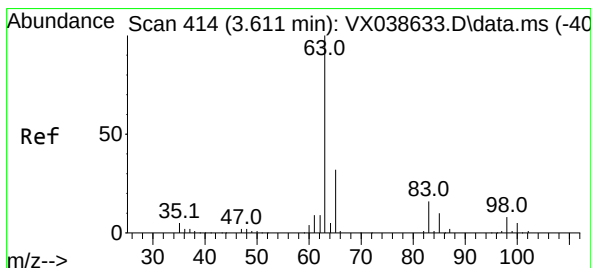
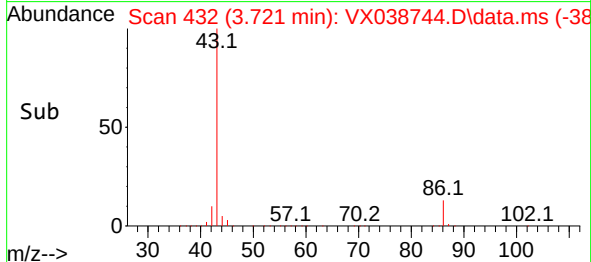
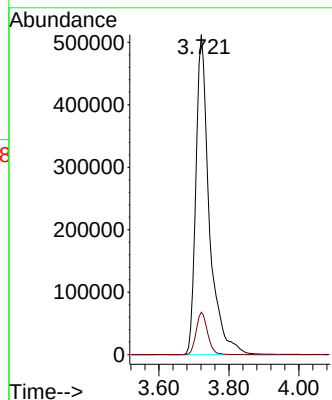
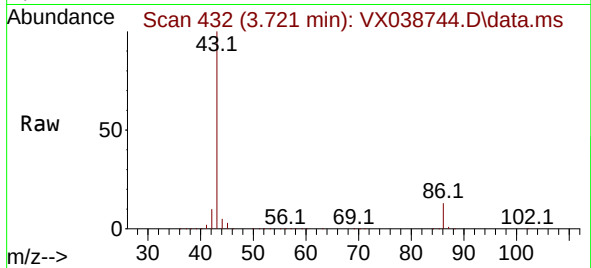
#23
 Vinyl Acetate
 Concen: 248.031 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 136442
 Ion Ratio Lower Upper
 43 100
 86 13.2 7.8 11.8

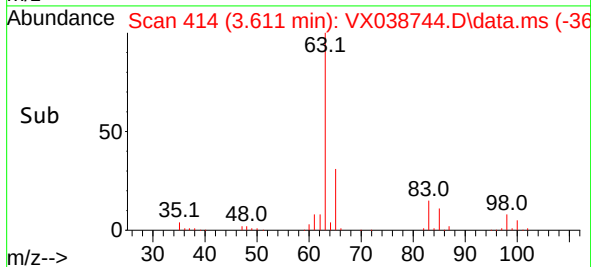
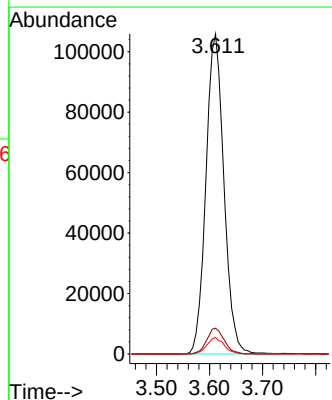
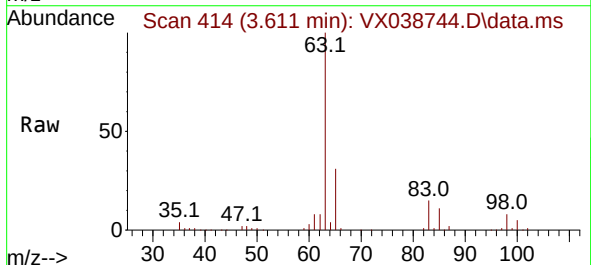
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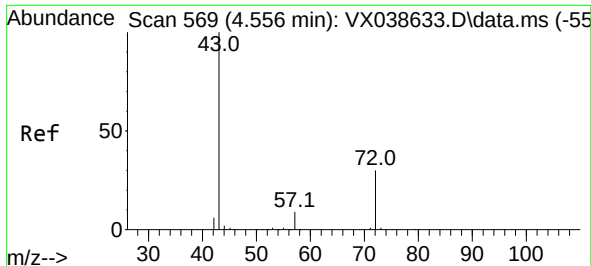
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#24
 1,1-Dichloroethane
 Concen: 48.613 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10

Tgt Ion: 63 Resp: 249267
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.3 9.8
 100 5.2 2.1 6.5





#25

2-Butanone

Concen: 244.242 ug/l

RT: 4.550 min Scan# 50

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 570690

Ion Ratio Lower Upper

43 100

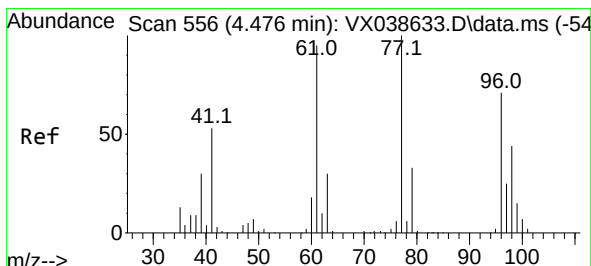
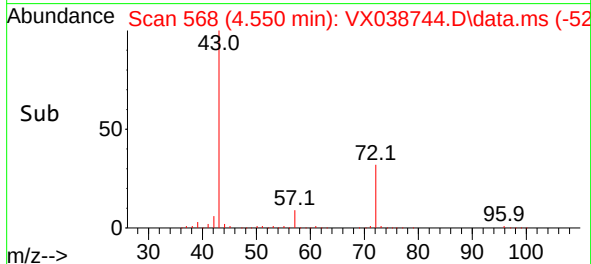
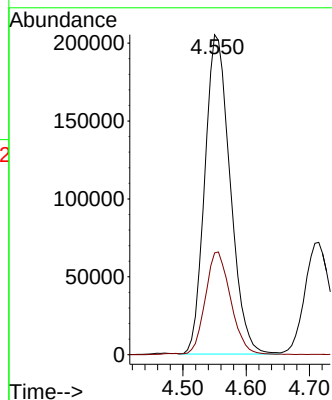
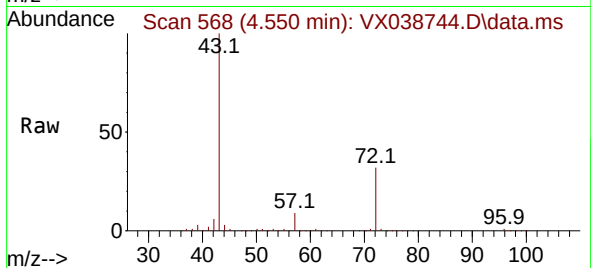
72 31.7 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#26

2,2-Dichloropropane

Concen: 42.471 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX038744.D

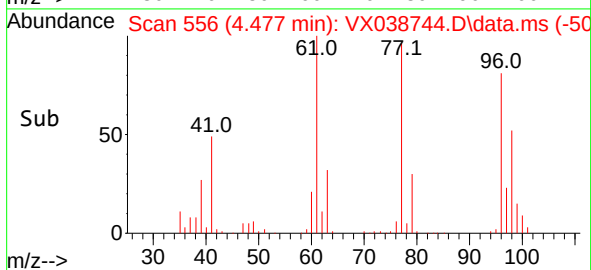
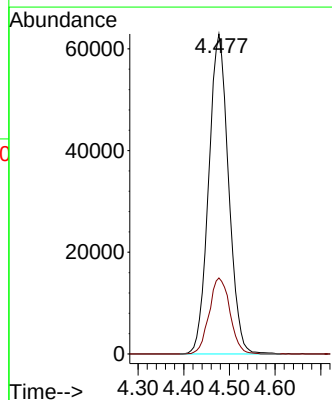
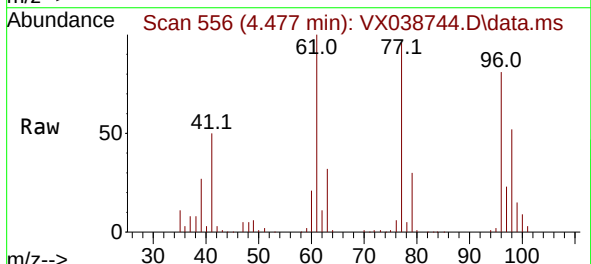
Acq: 10 Nov 2023 21:10

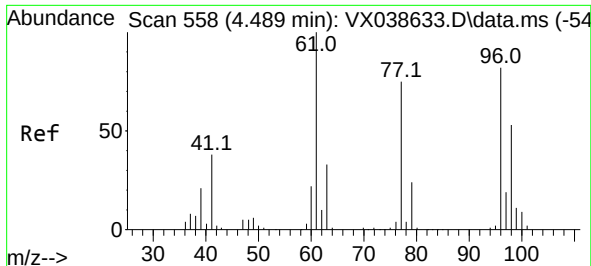
Tgt Ion: 77 Resp: 190145

Ion Ratio Lower Upper

77 100

97 24.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.082 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 18076

Ion Ratio Lower Upper

96 100

61 122.7 0.0 312.2

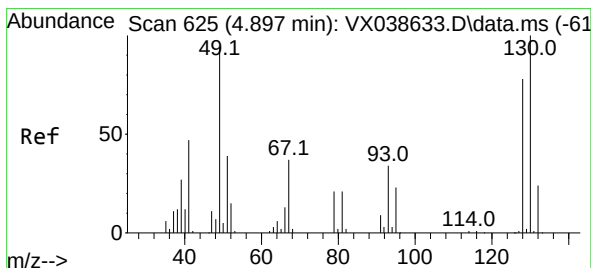
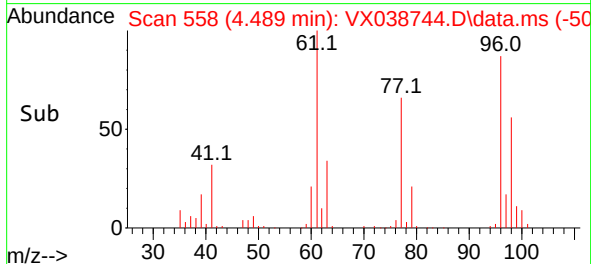
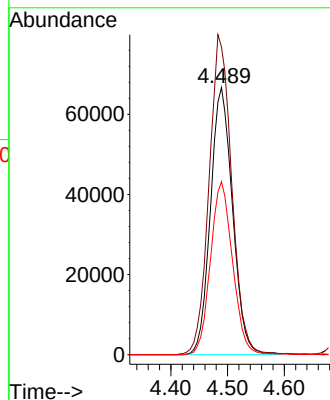
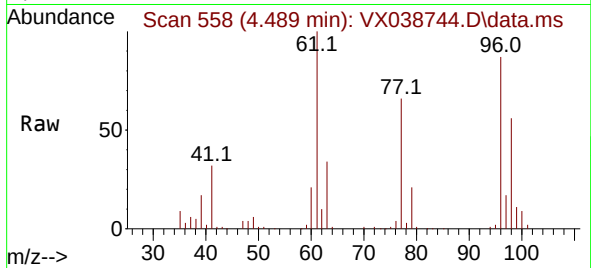
98 64.7 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 49.069 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

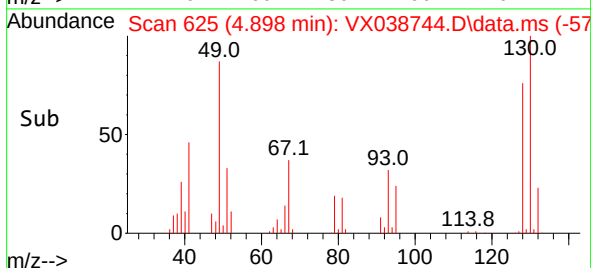
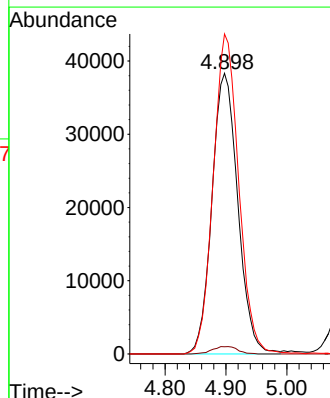
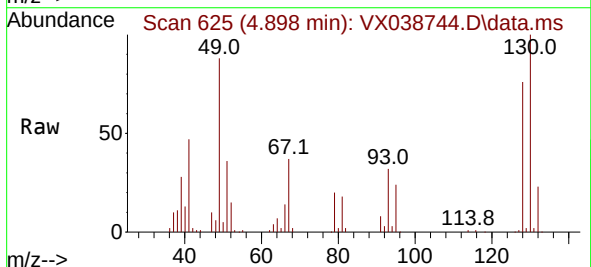
Tgt Ion: 49 Resp: 113071

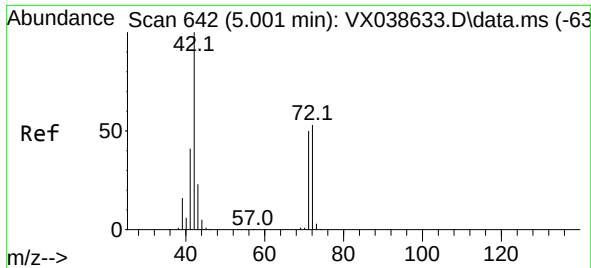
Ion Ratio Lower Upper

49 100

129 2.6 0.0 3.8

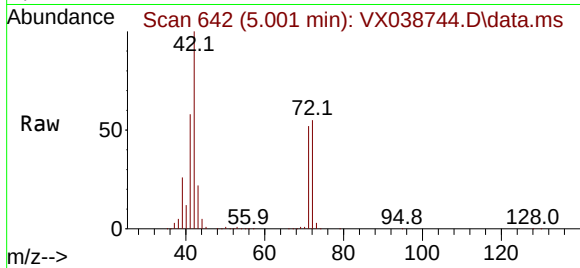
130 112.1 57.5 86.3#





#29
Tetrahydrofuran
Concen: 249.646 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

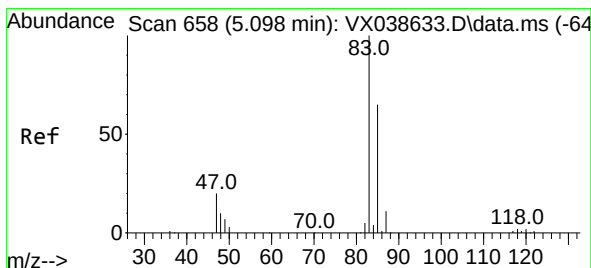
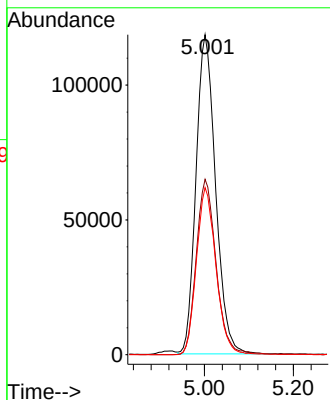
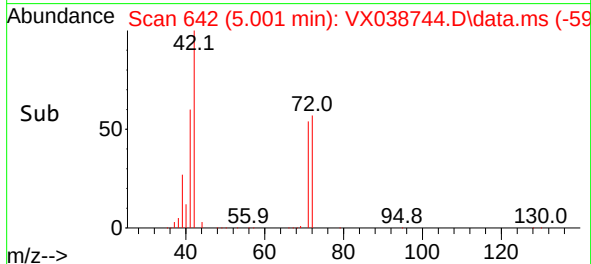
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 42 Resp: 362927
Ion Ratio Lower Upper
42 100
72 55.7 34.2 51.4
71 52.3 32.2 48.2

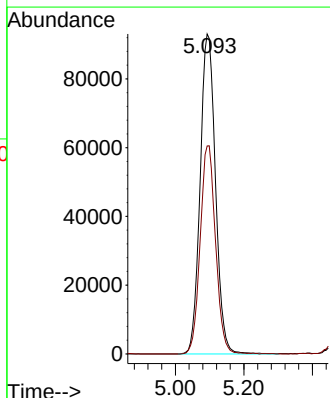
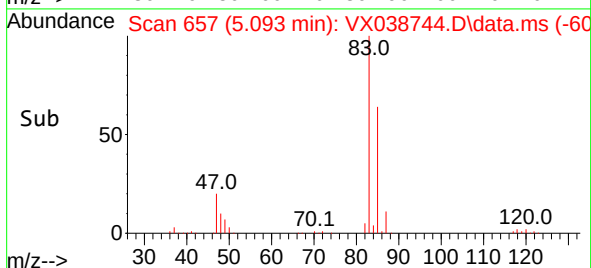
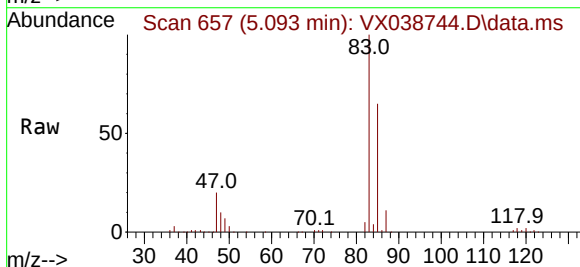
Manual Integrations
APPROVED

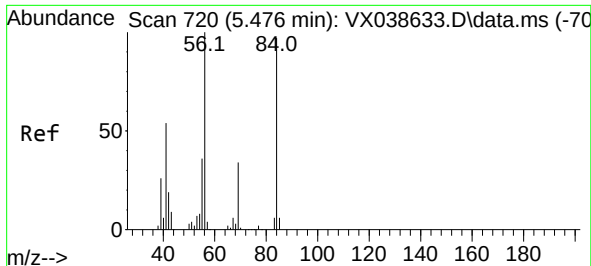
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#30
Chloroform
Concen: 48.244 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

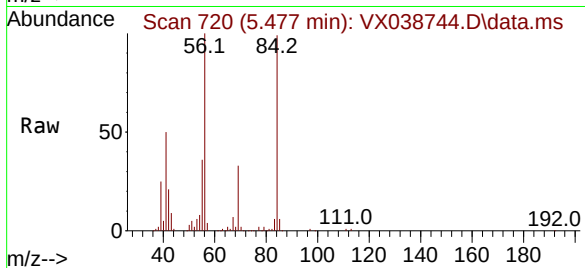
Tgt Ion: 83 Resp: 290249
Ion Ratio Lower Upper
83 100
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 45.796 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

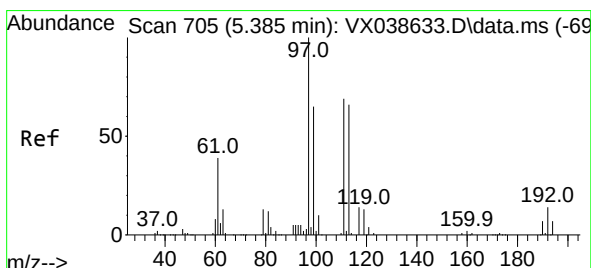
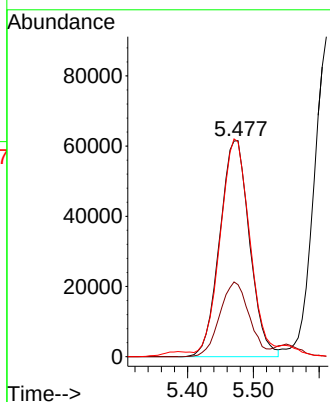
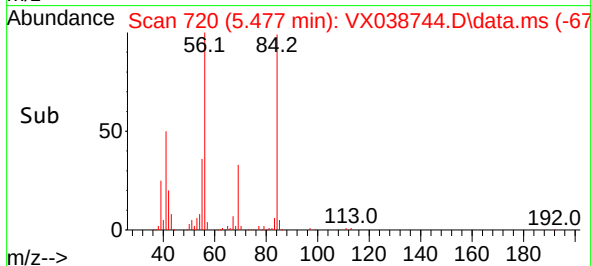
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 19411
Ion Ratio Lower Upper
56 100
69 33.4 23.4 35.2
84 97.1 65.9 98.9

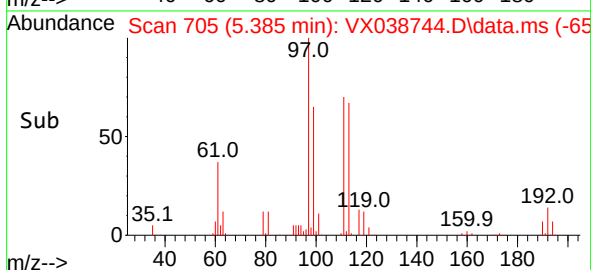
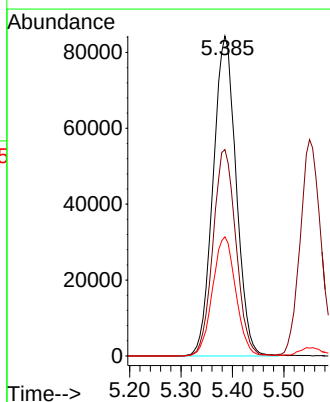
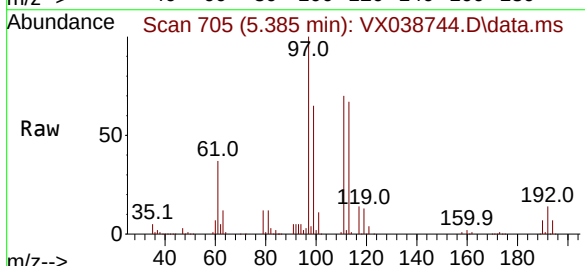
Manual Integrations
APPROVED

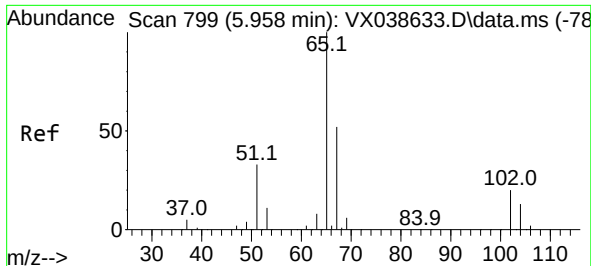
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#32
1,1,1-Trichloroethane
Concen: 49.605 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion: 97 Resp: 262638
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 37.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.618 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 182374

Ion Ratio Lower Upper

65 100

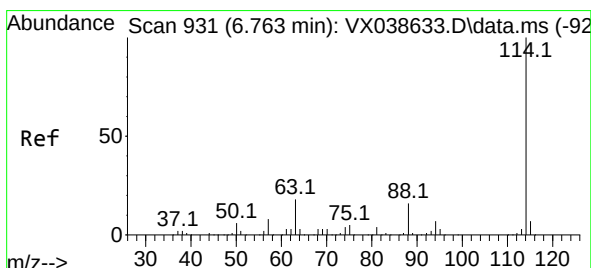
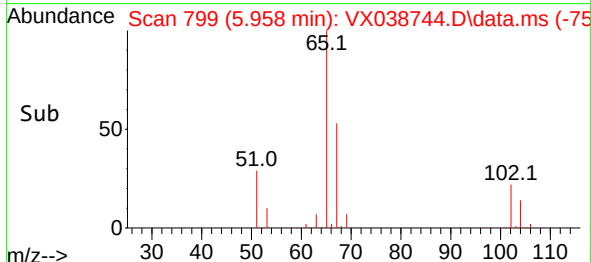
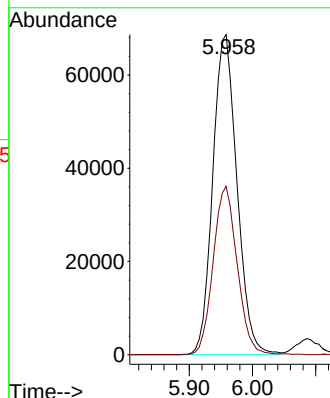
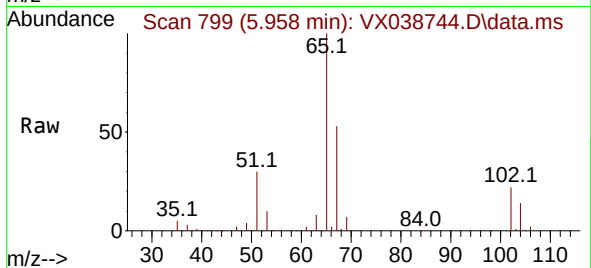
67 52.2 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

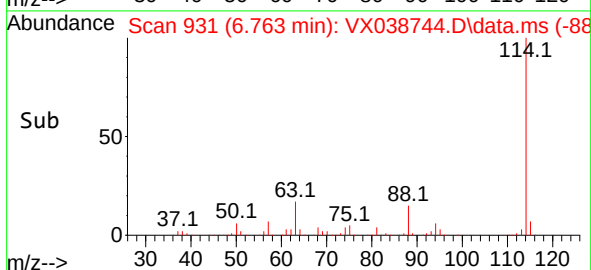
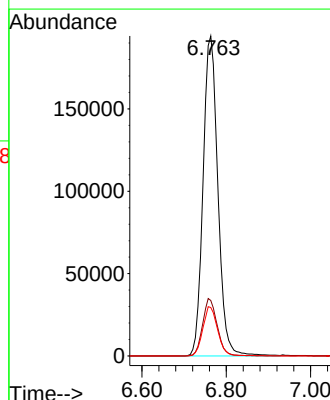
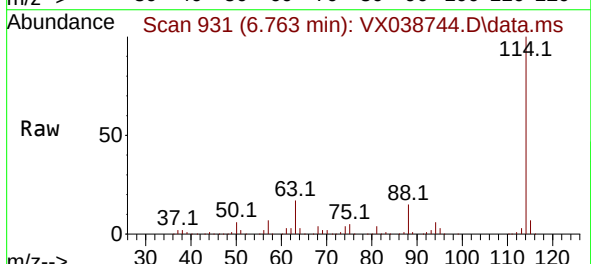
Tgt Ion:114 Resp: 476115

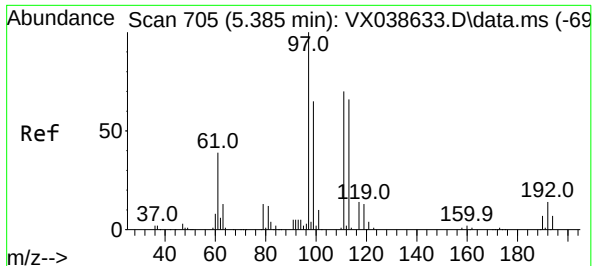
Ion Ratio Lower Upper

114 100

63 17.3 0.0 45.0

88 15.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.689 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038744.D

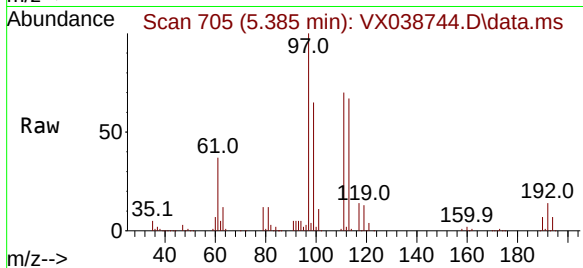
Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 113 Resp: 16696

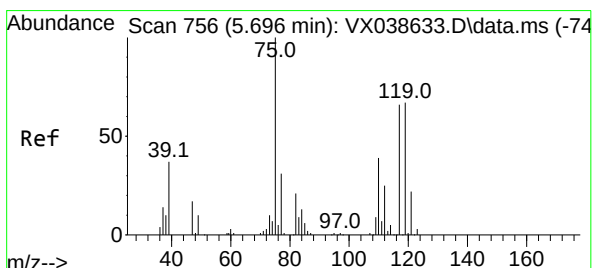
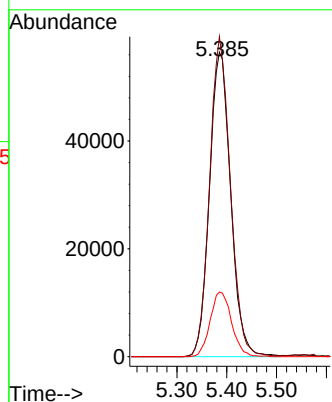
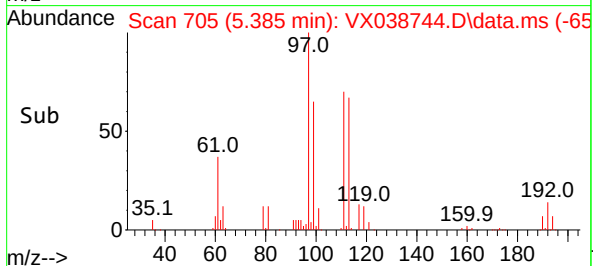
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	21.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#36

1,1-Dichloropropene

Concen: 47.154 ug/l

RT: 5.690 min Scan# 755

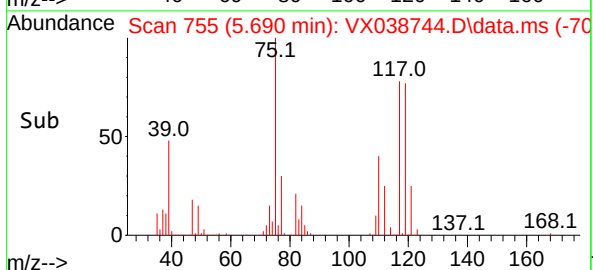
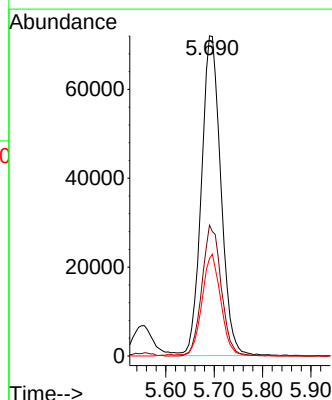
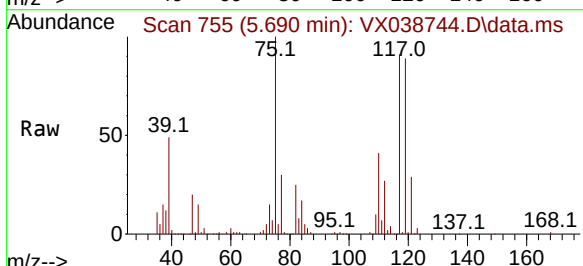
Delta R.T. -0.006 min

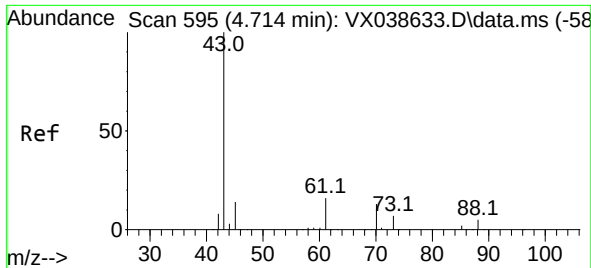
Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Tgt Ion: 75 Resp: 200858

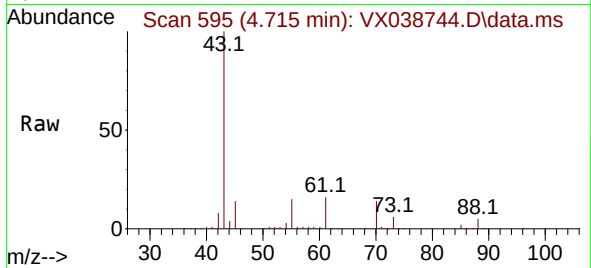
Ion	Ratio	Lower	Upper
75	100		
110	40.5	17.0	50.9
77	30.9	24.7	37.1





#37
Ethyl Acetate
Concen: 48.377 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

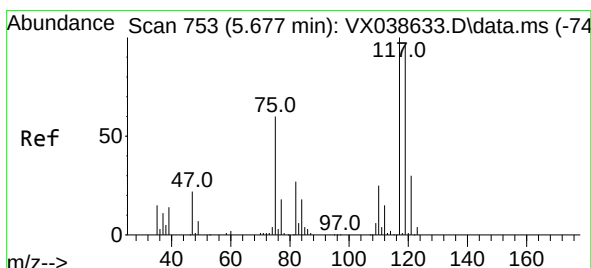
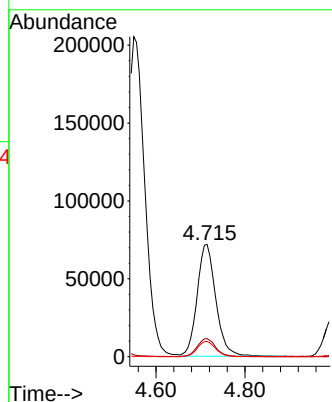
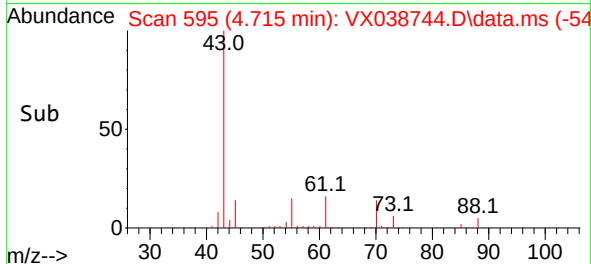
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21039
Ion Ratio Lower Upper
43 100
61 16.2 10.6 16.0
70 13.4 8.3 12.5

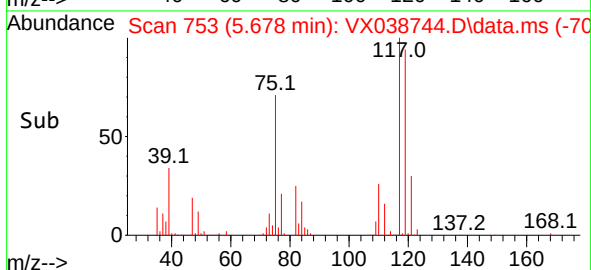
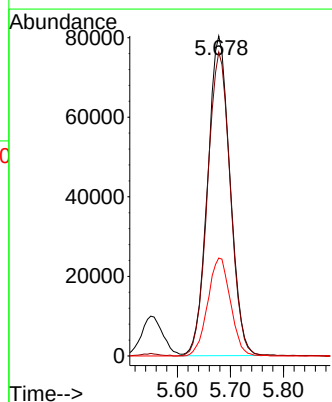
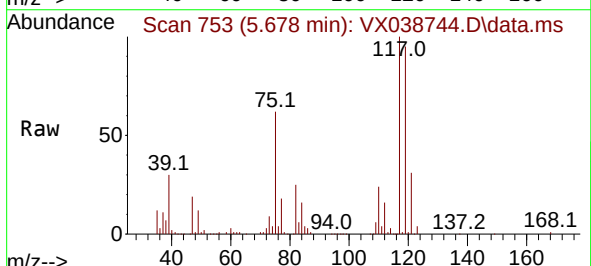
Manual Integrations
APPROVED

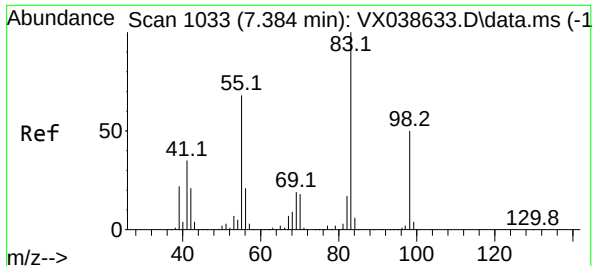
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#38
Carbon Tetrachloride
Concen: 49.639 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:117 Resp: 236380
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.2
121 30.6 24.4 36.6





#39

Methylcyclohexane

Concen: 45.242 ug/l

RT: 7.379 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 240940

Ion Ratio Lower Upper

83 100

55 67.9 64.6 97.0

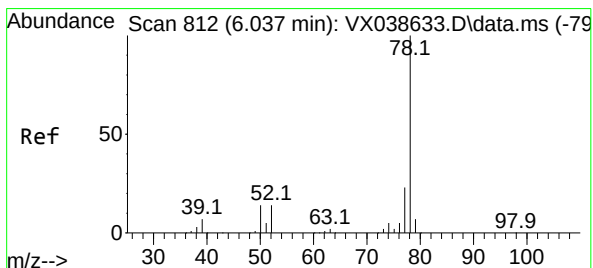
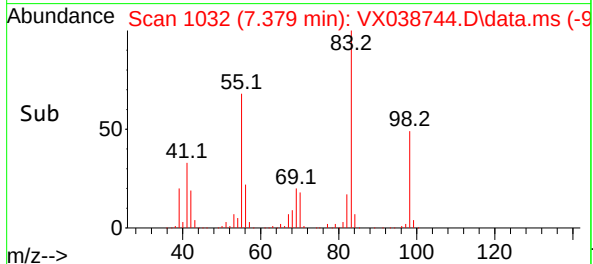
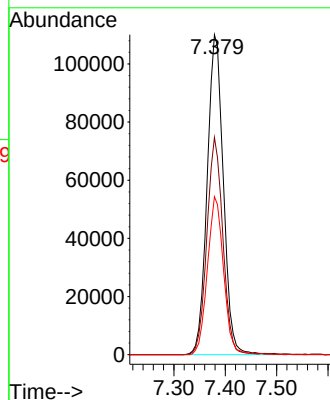
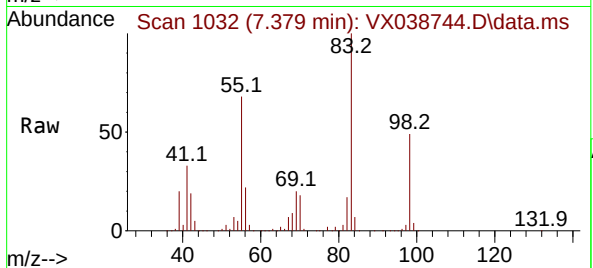
98 49.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 47.816 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038744.D

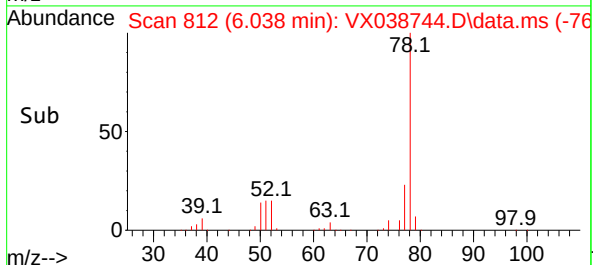
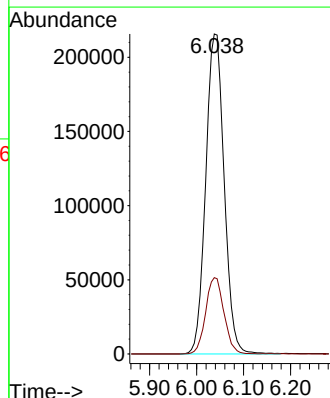
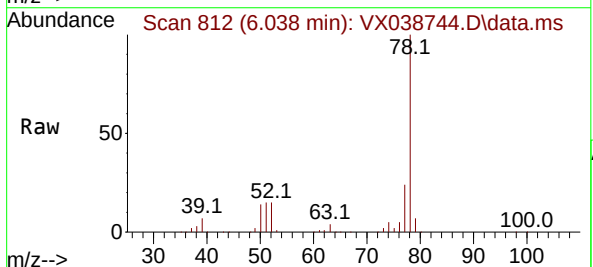
Acq: 10 Nov 2023 21:10

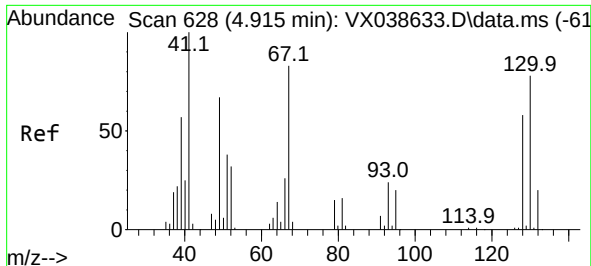
Tgt Ion: 78 Resp: 586653

Ion Ratio Lower Upper

78 100

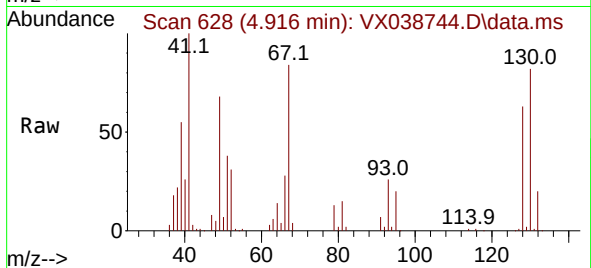
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 50.501 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

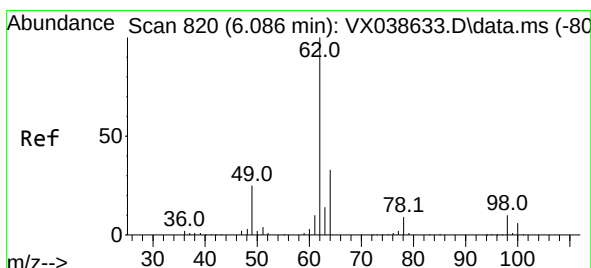
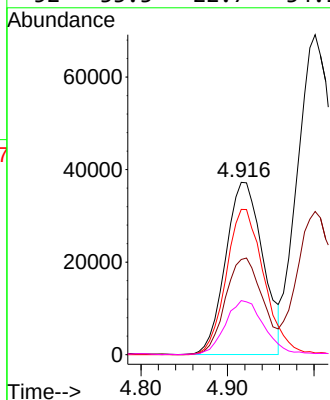
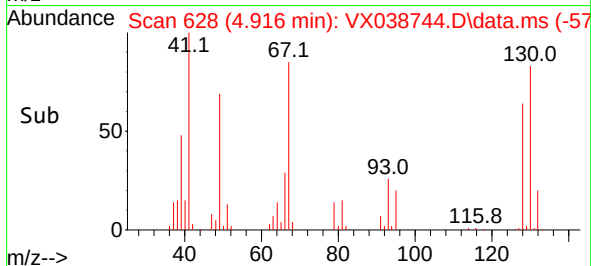
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 11189
Ion Ratio Lower Upper
41 100
39 56.2 45.2 67.8
67 85.7 52.6 78.8
52 33.3 22.7 34.1

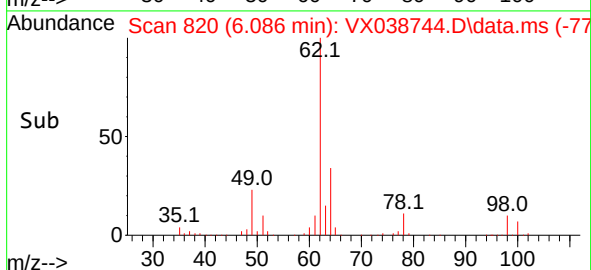
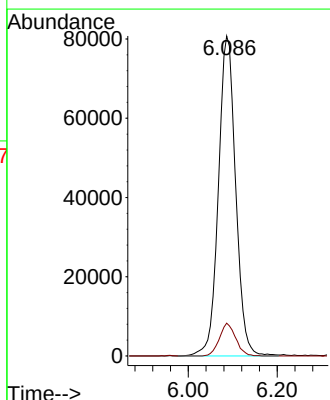
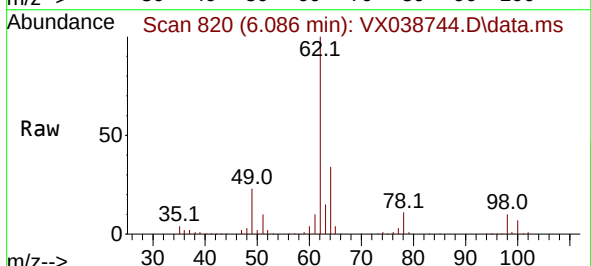
Manual Integrations
APPROVED

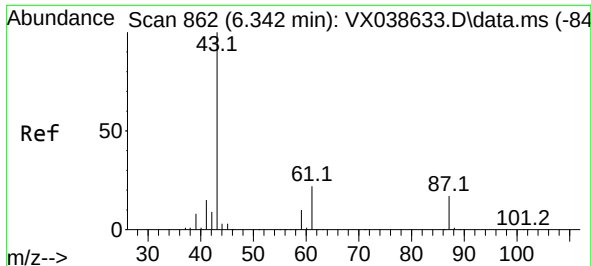
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 49.115 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

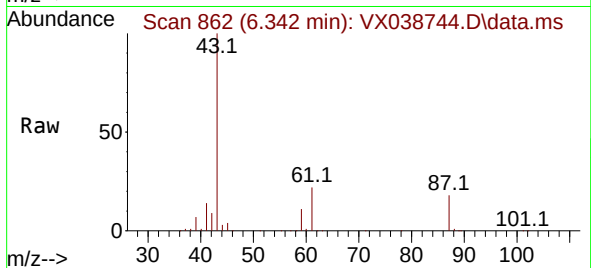
Tgt Ion: 62 Resp: 217430
Ion Ratio Lower Upper
62 100
98 9.7 0.0 16.0





#43
Isopropyl Acetate
Concen: 48.649 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

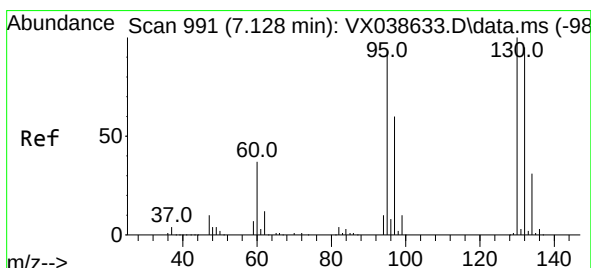
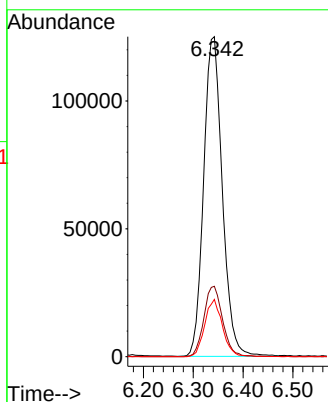
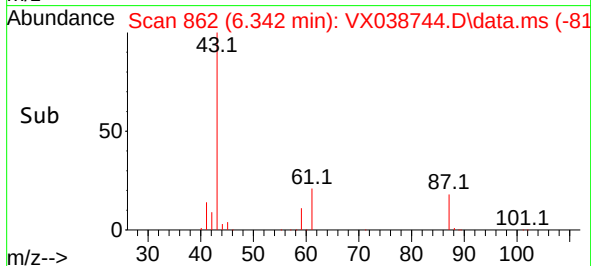
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 325272
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 17.1 9.8 14.6

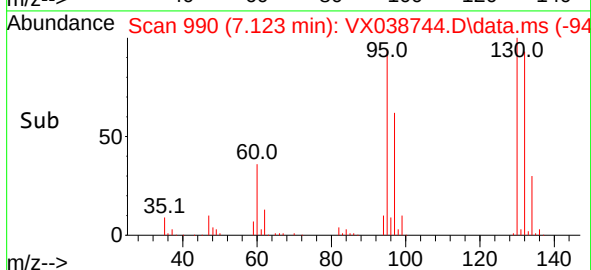
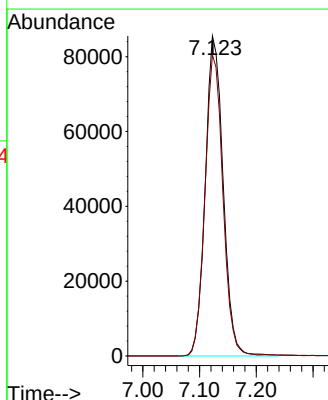
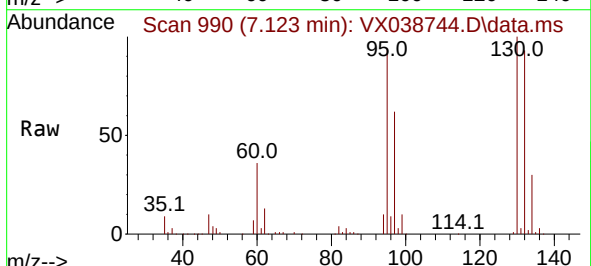
Manual Integrations
APPROVED

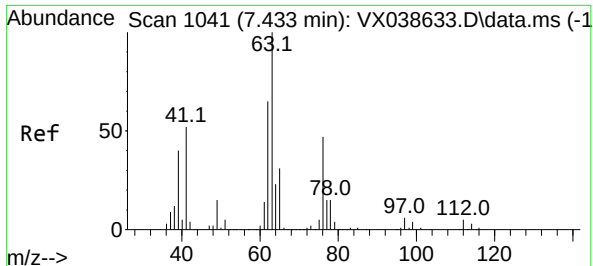
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Trichloroethene
Concen: 49.038 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:130 Resp: 187198
Ion Ratio Lower Upper
130 100
95 94.1 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.614 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14418

Ion Ratio Lower Upper

63 100

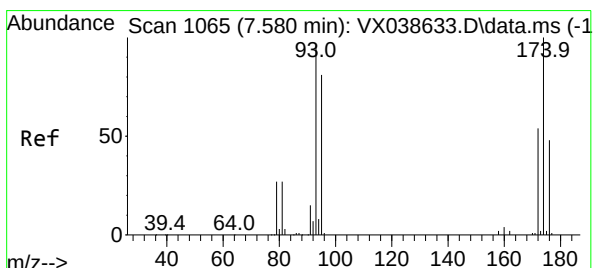
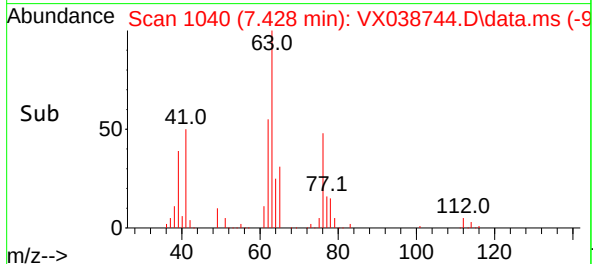
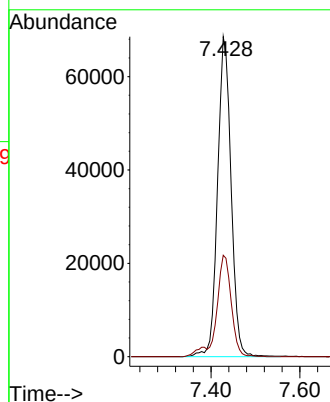
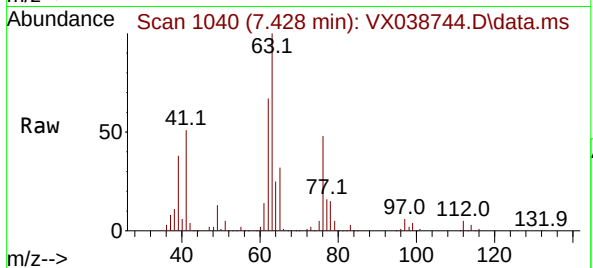
65 31.7 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 49.684 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

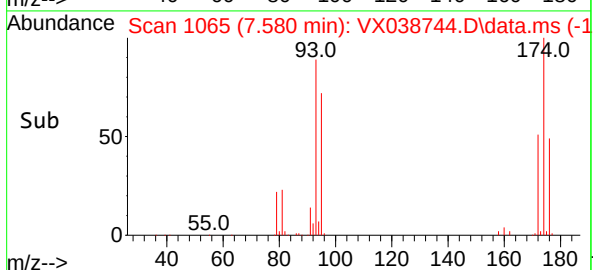
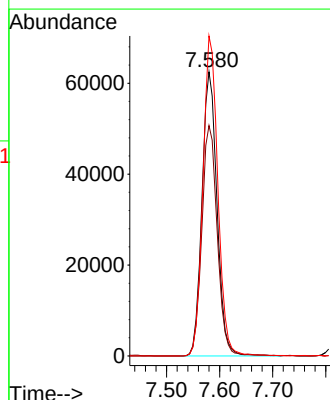
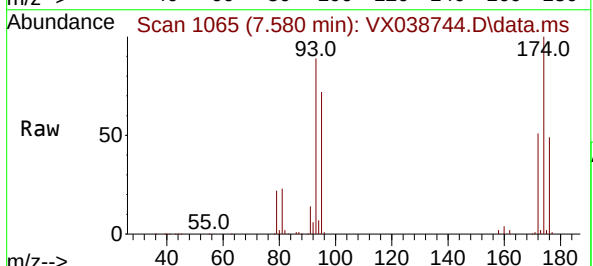
Tgt Ion: 93 Resp: 123233

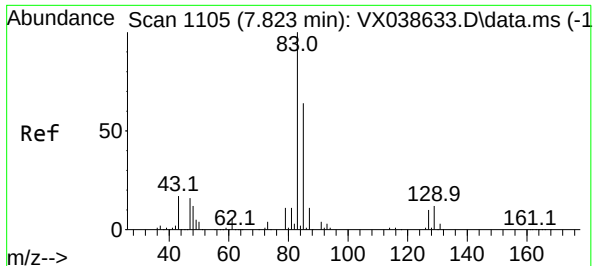
Ion Ratio Lower Upper

93 100

95 83.1 66.6 100.0

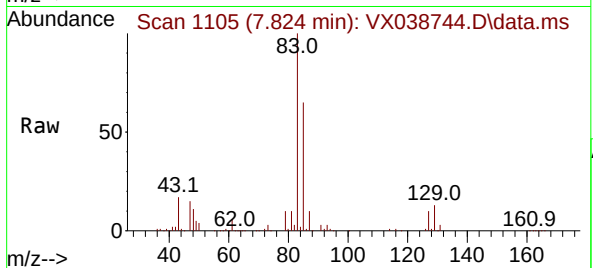
174 112.1 69.4 104.0#





#47
Bromodichloromethane
Concen: 48.630 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

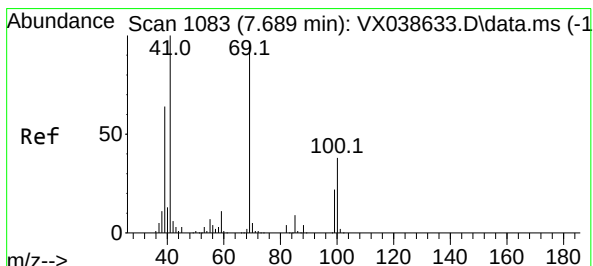
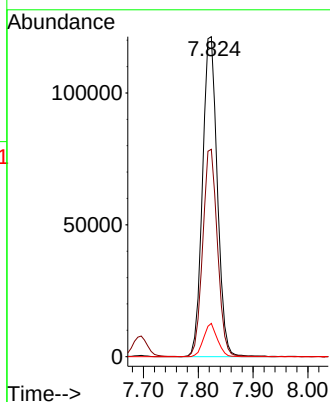
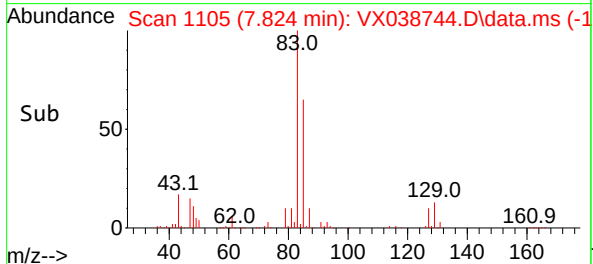
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



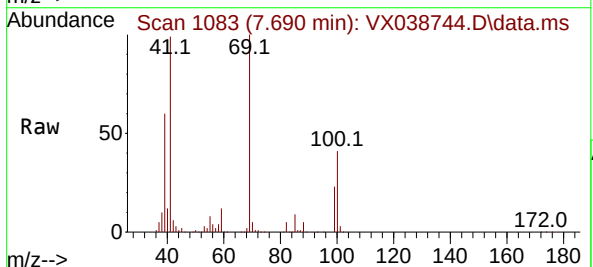
Tgt Ion: 83 Resp: 22684
Ion Ratio Lower Upper
83 100
85 64.7 49.8 74.6
127 10.4 7.1 10.7

Manual Integrations
APPROVED

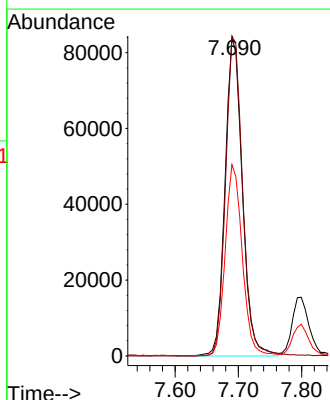
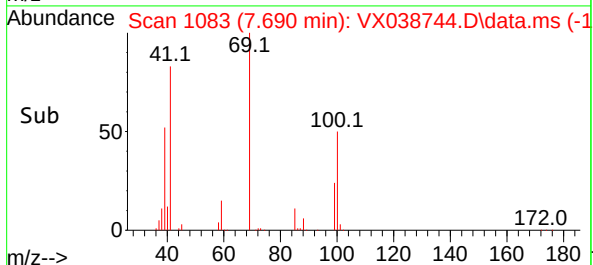
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

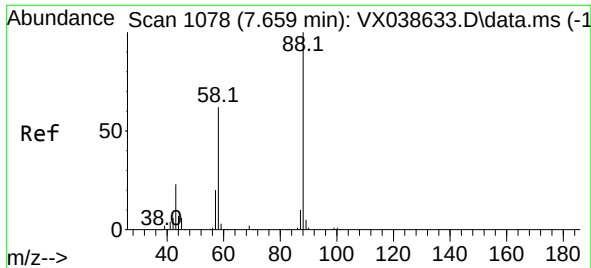


#48
Methyl methacrylate
Concen: 49.413 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10



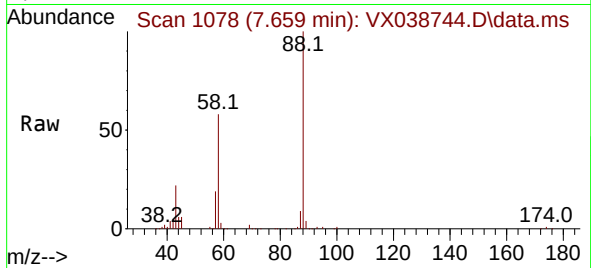
Tgt Ion: 41 Resp: 159218
Ion Ratio Lower Upper
41 100
69 99.7 59.2 88.8#
39 59.2 47.7 71.5





#49
1,4-Dioxane
Concen: 1093.319 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

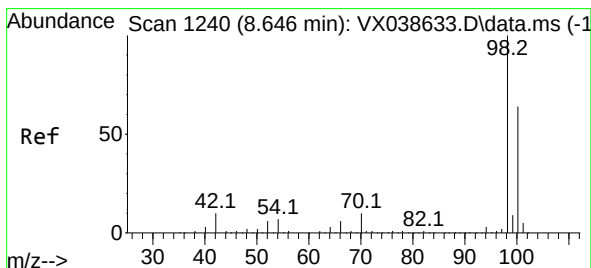
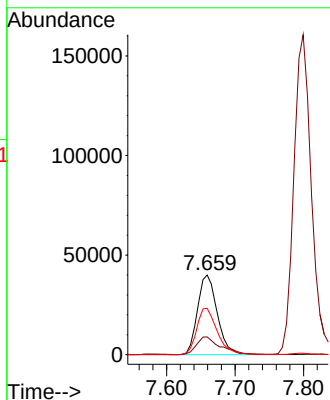
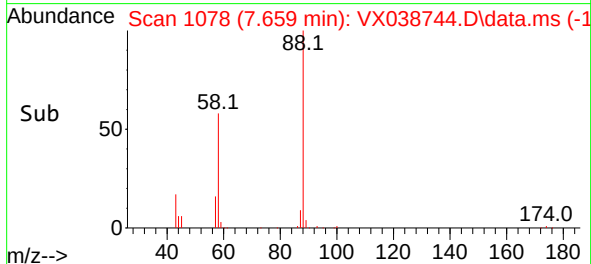
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 80199
Ion Ratio Lower Upper
88 100
43 26.7 0.0 0.0
58 60.8 60.1 90.1

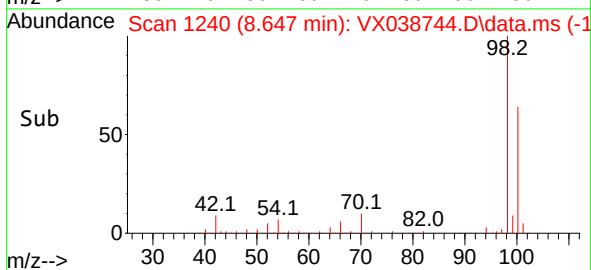
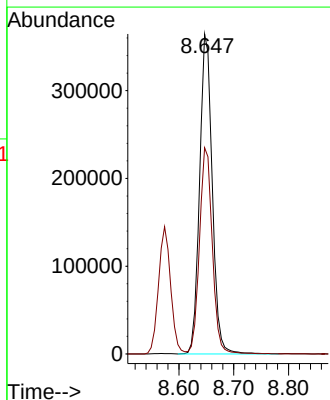
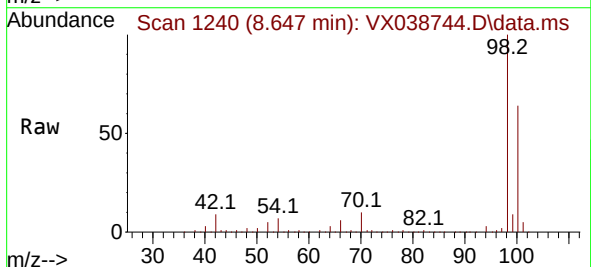
Manual Integrations
APPROVED

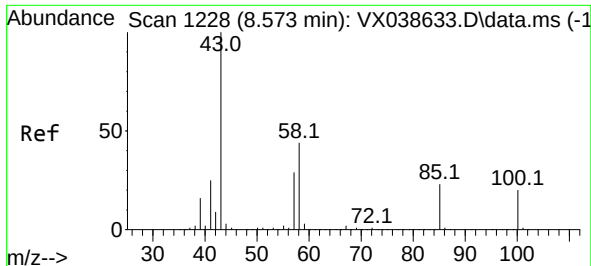
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 47.621 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion: 98 Resp: 584348
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 250.652 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

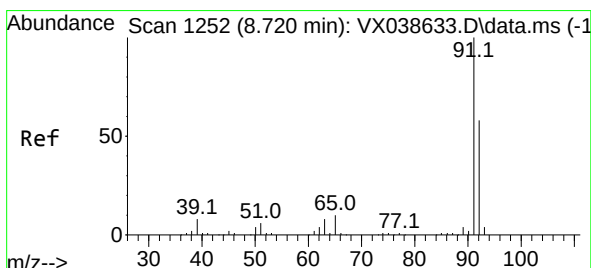
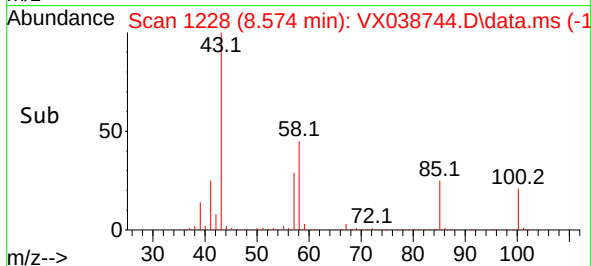
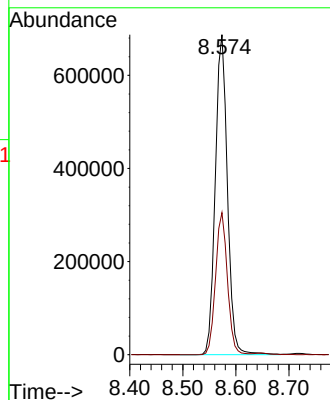
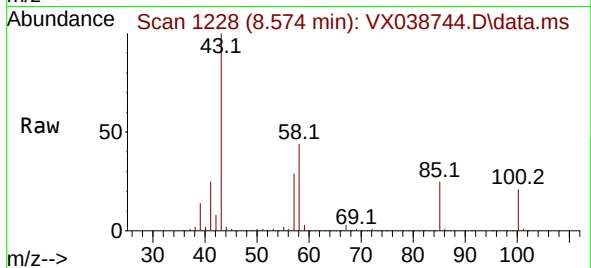
VSTDCCC050EC

Tgt Ion: 43 Resp: 1091900
Ion Ratio Lower Upper
43 100
58 43.5 30.4 45.6

Manual Integrations

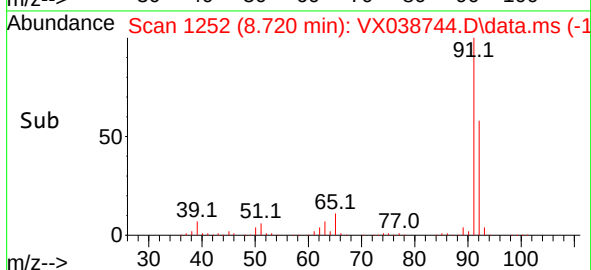
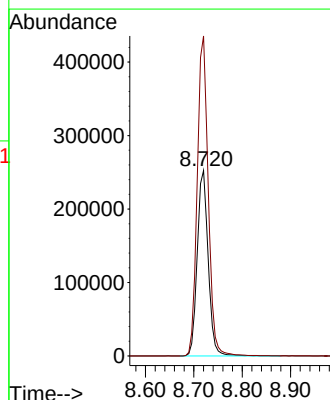
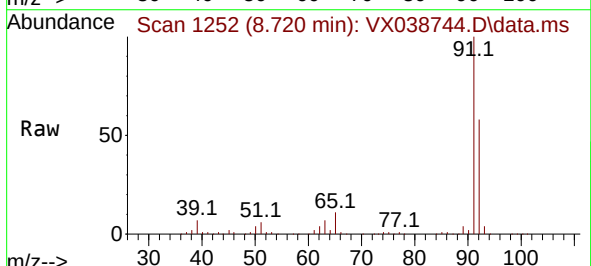
APPROVED

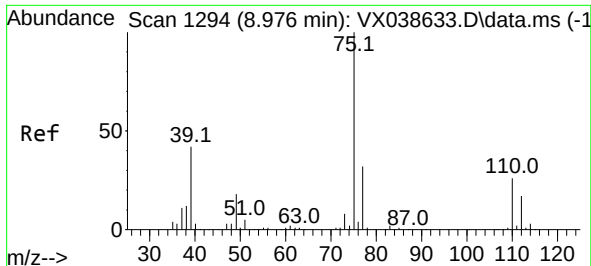
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Toluene
Concen: 49.192 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion: 92 Resp: 395363
Ion Ratio Lower Upper
92 100
91 173.4 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 49.291 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 23408

Ion Ratio Lower Upper

75 100

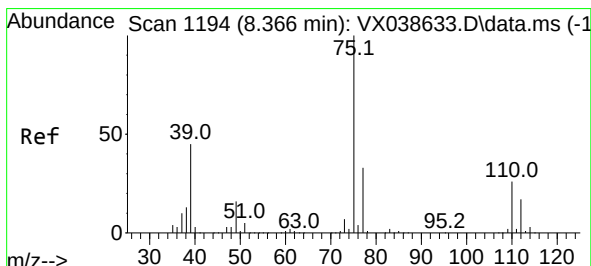
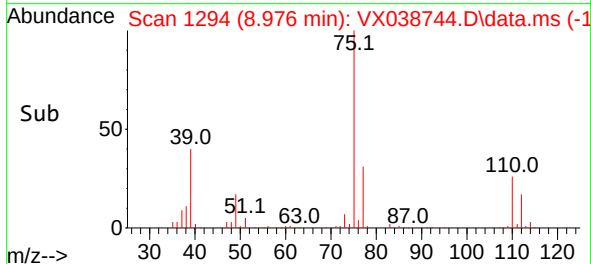
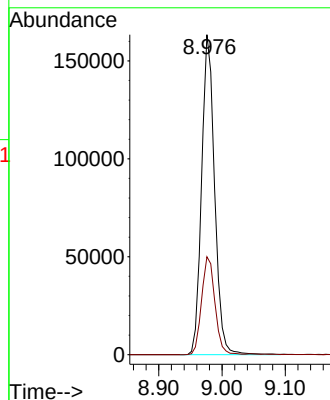
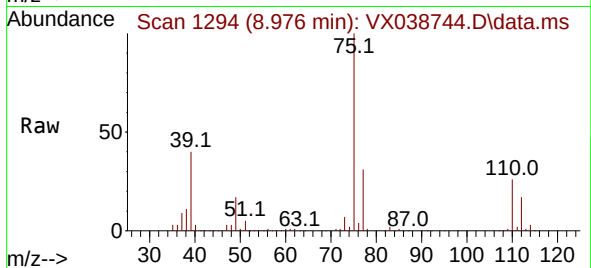
77 30.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

cis-1,3-Dichloropropene

Concen: 49.471 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

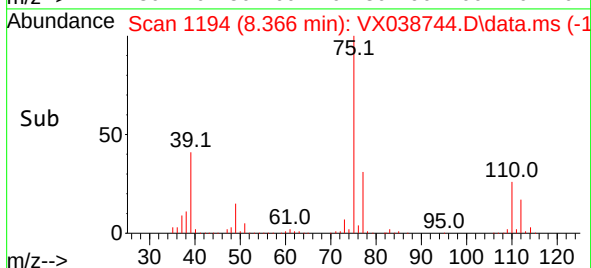
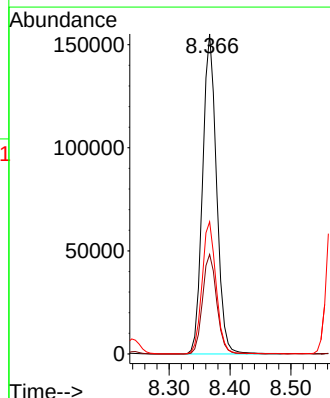
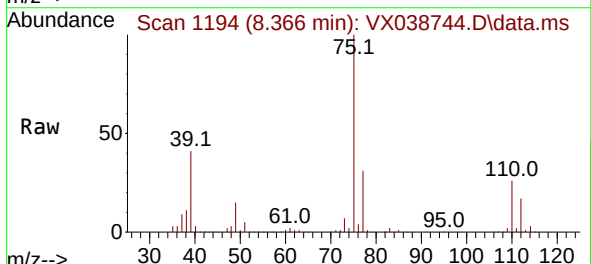
Tgt Ion: 75 Resp: 248021

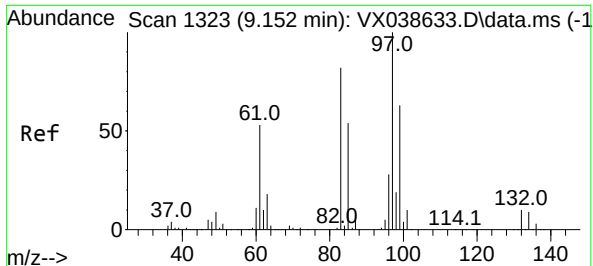
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 41.2 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 50.768 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 173128

Ion Ratio Lower Upper

97 100

83 80.3 65.8 98.8

85 54.0 41.6 62.4

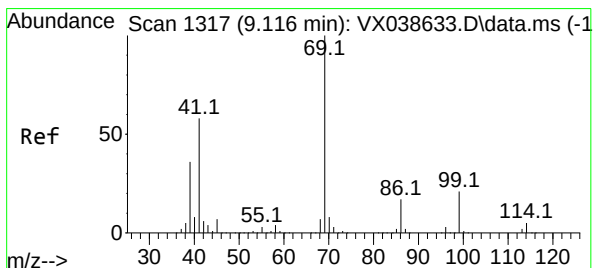
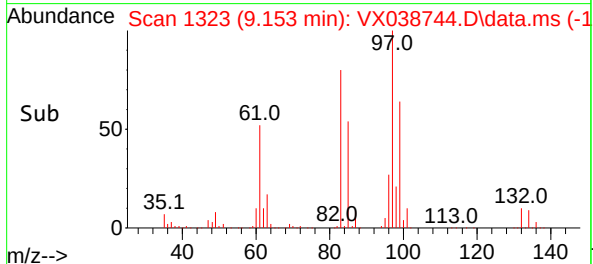
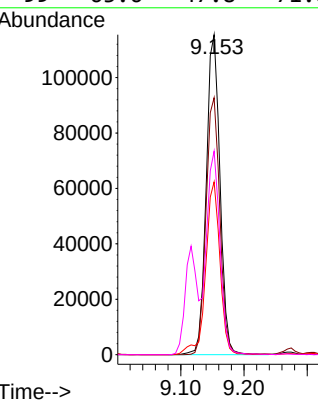
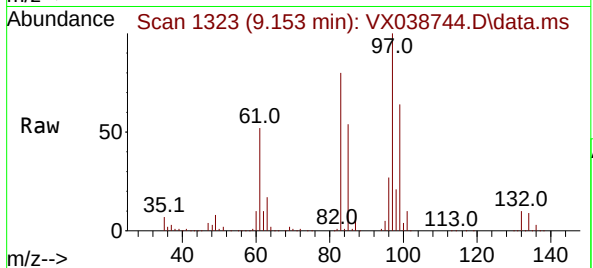
99 63.6 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#56

Ethyl methacrylate

Concen: 52.487 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

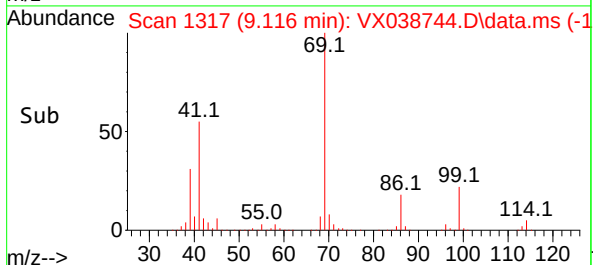
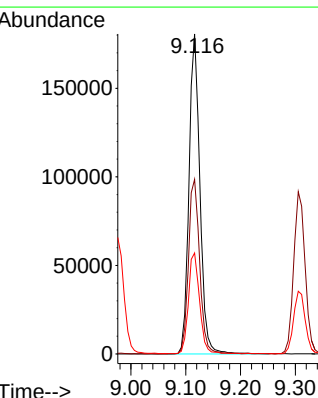
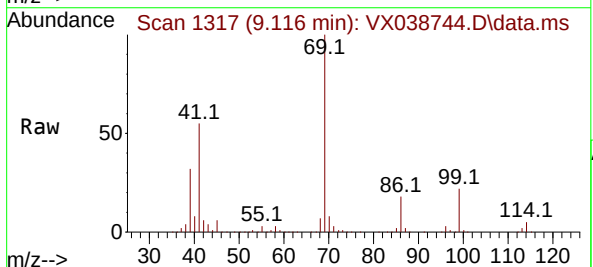
Tgt Ion: 69 Resp: 250427

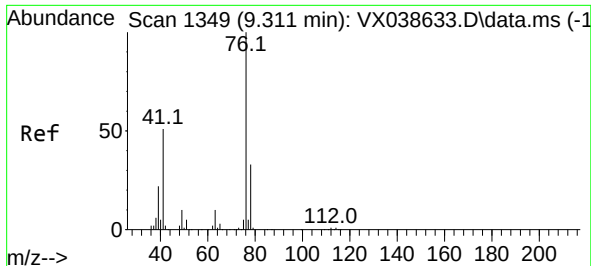
Ion Ratio Lower Upper

69 100

41 56.0 56.8 85.2#

39 32.1 32.0 48.0





#57

1,3-Dichloropropane

Concen: 49.867 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 26486

Ion Ratio Lower Upper

76 100

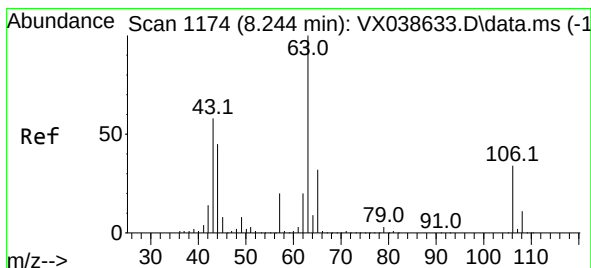
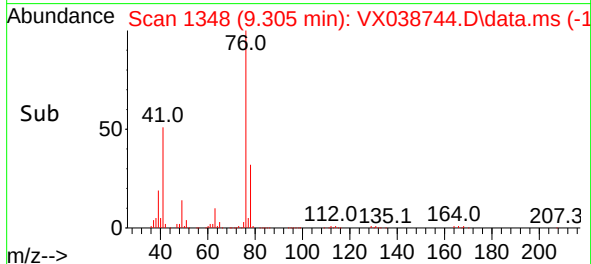
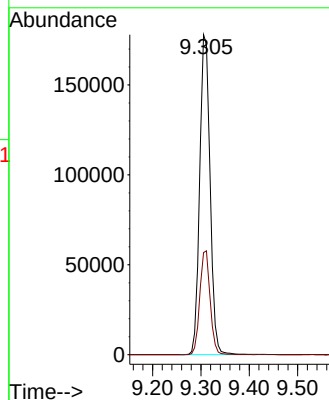
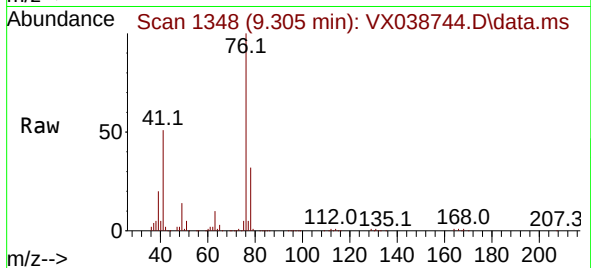
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.678 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038744.D

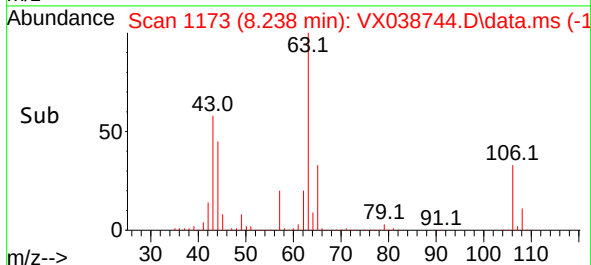
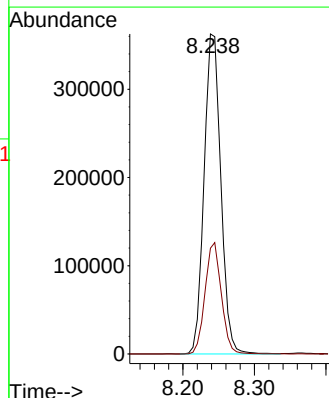
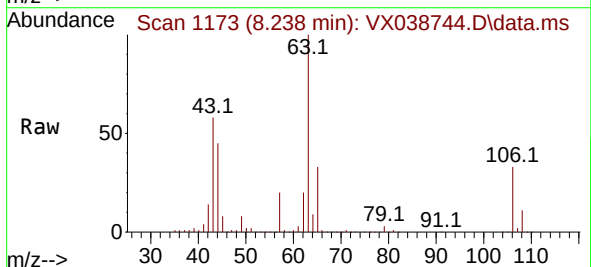
Acq: 10 Nov 2023 21:10

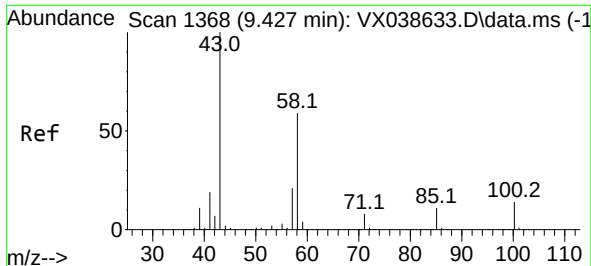
Tgt Ion: 63 Resp: 590402

Ion Ratio Lower Upper

63 100

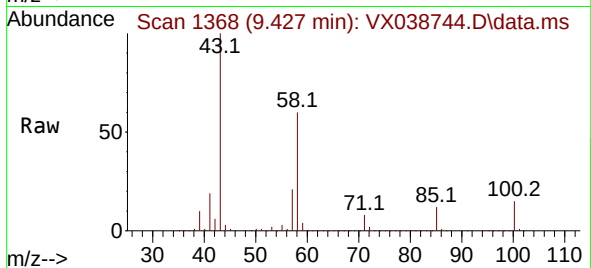
106 33.9 22.5 33.7#





#59
2-Hexanone
Concen: 248.012 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

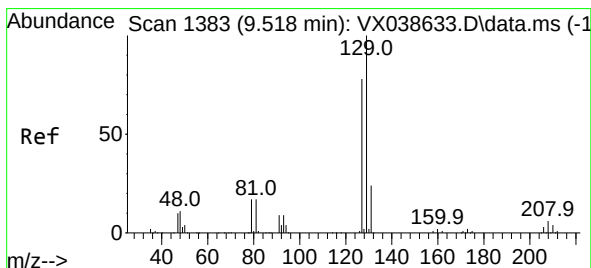
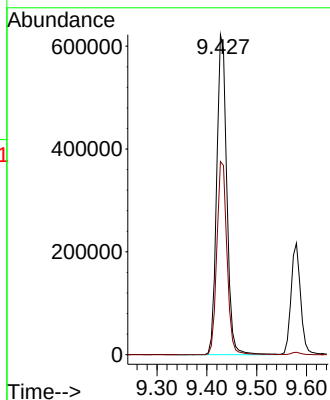
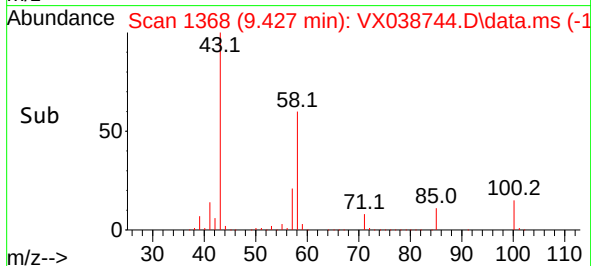
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 874192
Ion Ratio Lower Upper
43 100
58 60.6 26.2 78.5

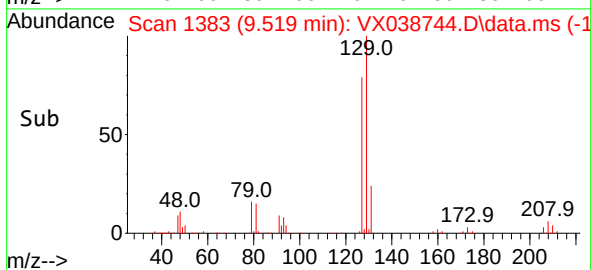
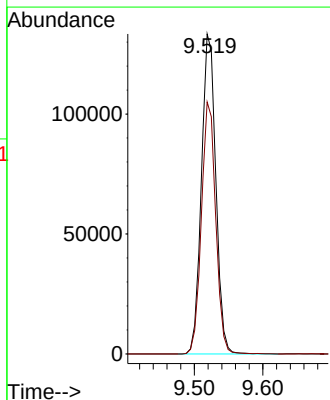
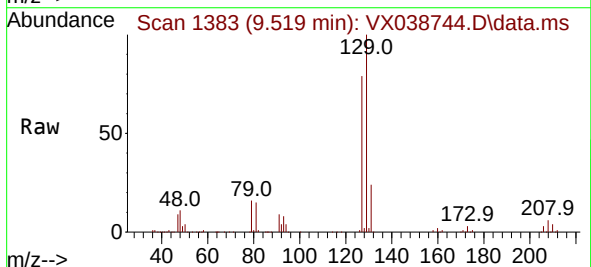
Manual Integrations
APPROVED

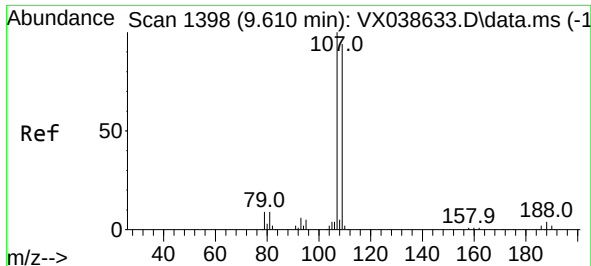
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#60
Dibromochloromethane
Concen: 50.981 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

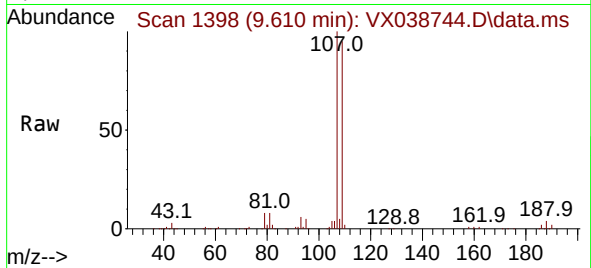
Tgt Ion:129 Resp: 195162
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.272 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

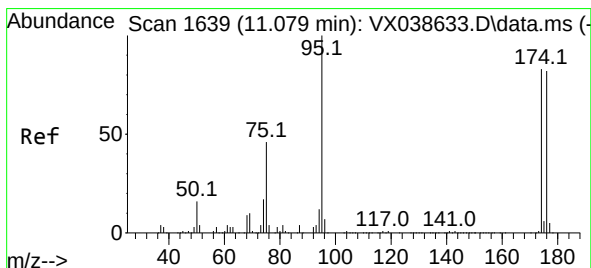
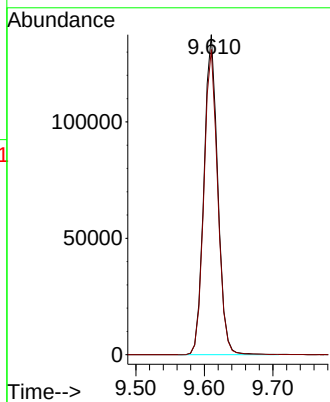
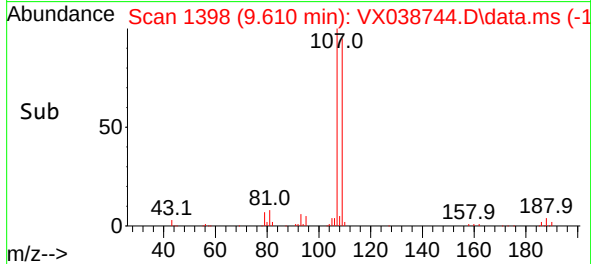
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



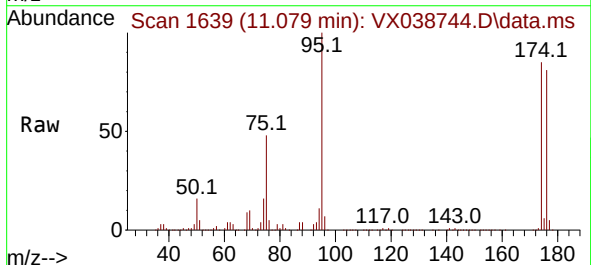
Tgt Ion:107 Resp: 192672
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

Manual Integrations
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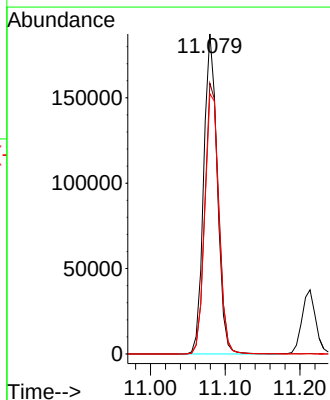
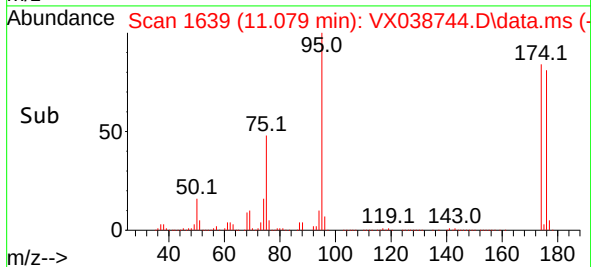
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

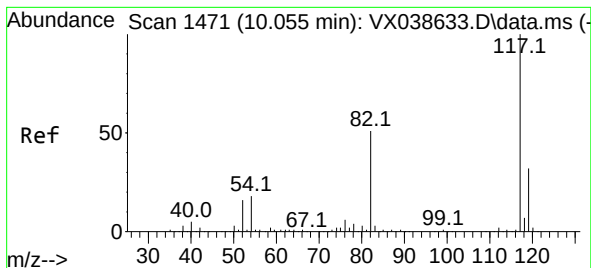


#62
4-Bromofluorobenzene
Concen: 49.548 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10



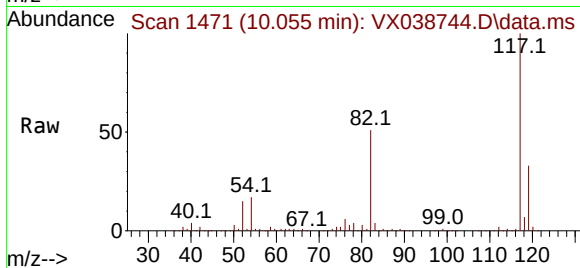
Tgt Ion: 95 Resp: 235726
Ion Ratio Lower Upper
95 100
174 87.2 0.0 135.6
176 84.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

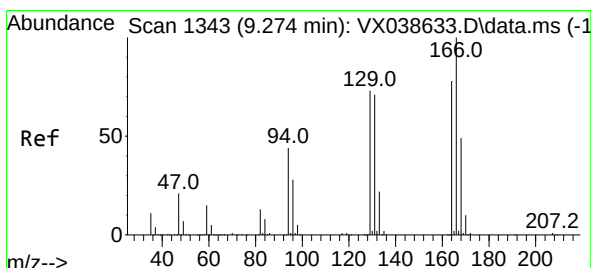
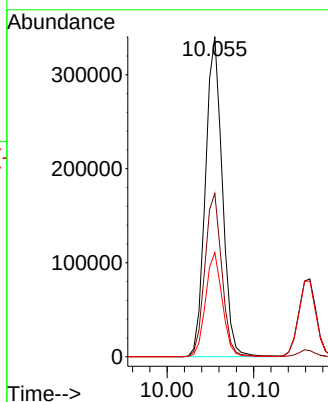
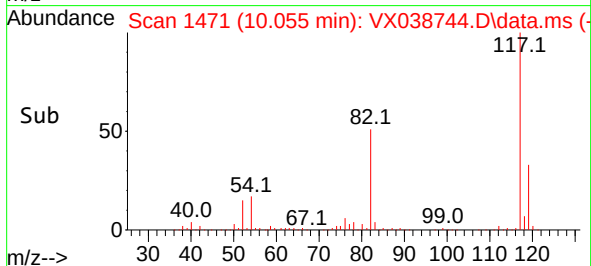
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 461314
Ion Ratio Lower Upper
117 100
82 51.0 46.2 69.4
119 32.5 25.5 38.3

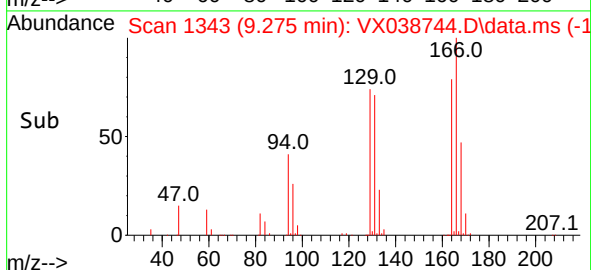
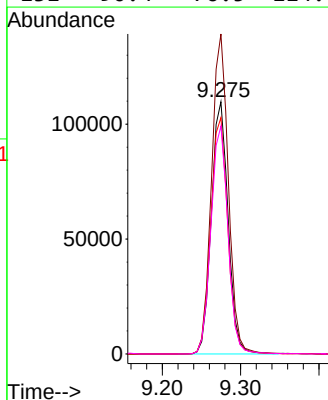
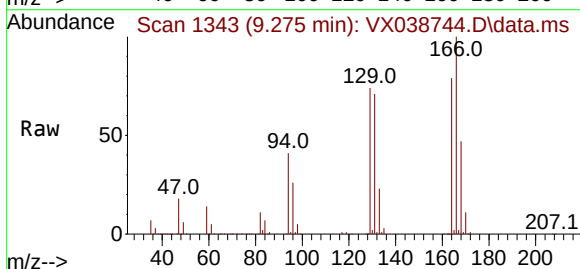
Manual Integrations
APPROVED

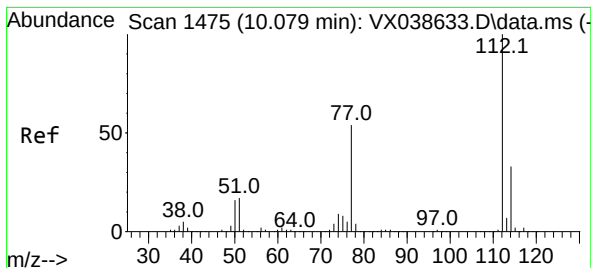
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 47.285 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

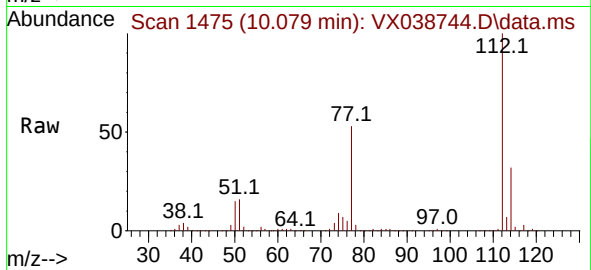
Tgt Ion:164 Resp: 163280
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 93.8 80.4 120.6
131 90.4 76.5 114.7





#65
Chlorobenzene
Concen: 48.981 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

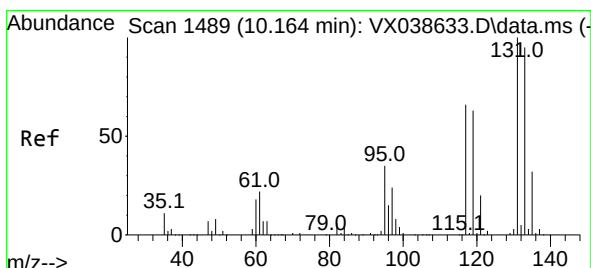
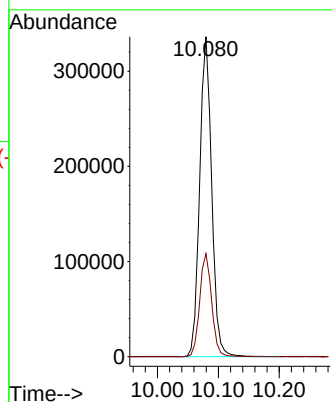
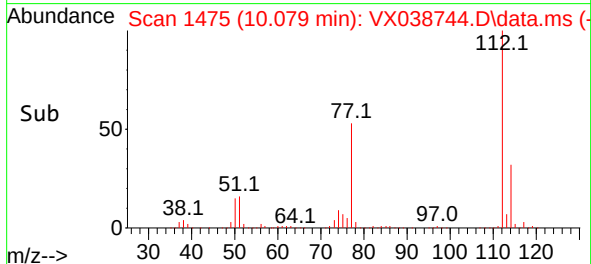
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



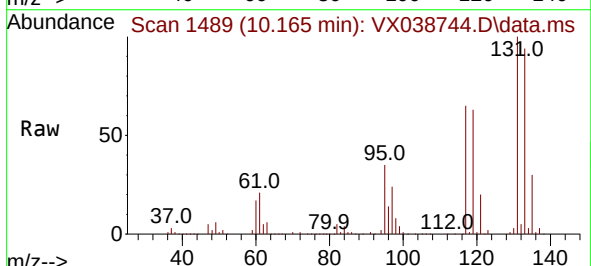
Tgt Ion:112 Resp: 45997
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

Manual Integrations
APPROVED

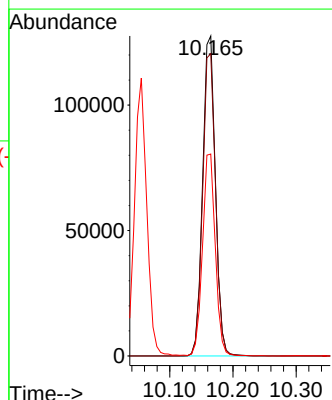
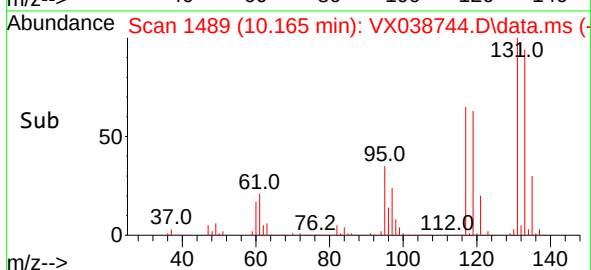
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

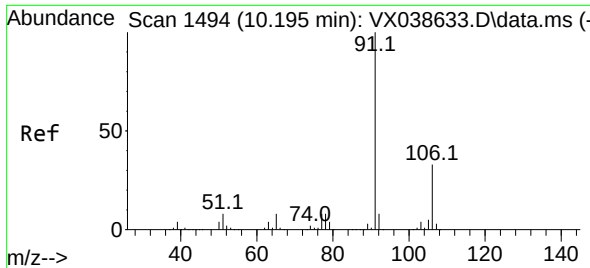


#66
1,1,1,2-Tetrachloroethane
Concen: 50.740 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10



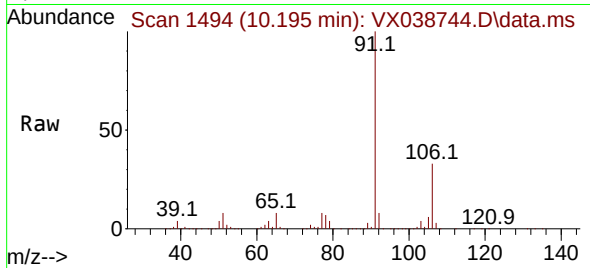
Tgt Ion:131 Resp: 179124
Ion Ratio Lower Upper
131 100
133 95.7 47.1 141.4
119 63.4 32.2 96.6





#67
Ethyl Benzene
Concen: 48.660 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

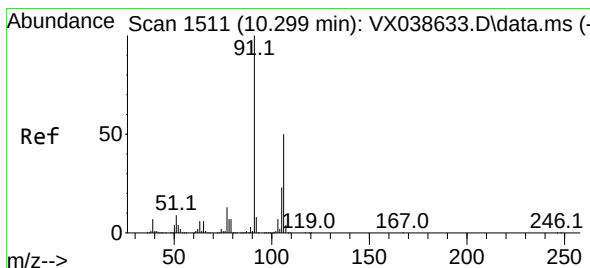
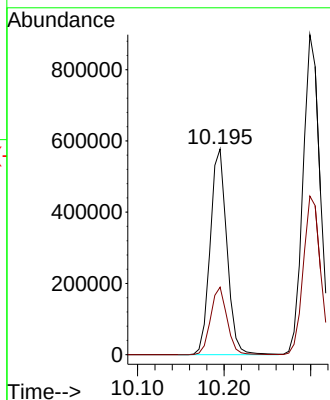
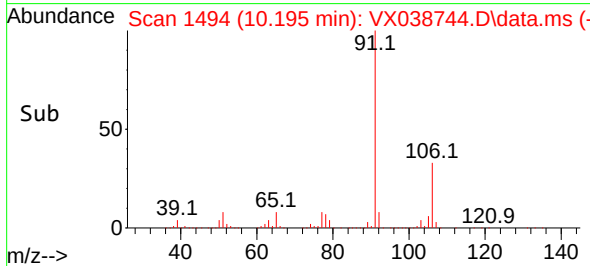
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 77295
Ion Ratio Lower Upper
91 100
106 32.9 24.9 37.3

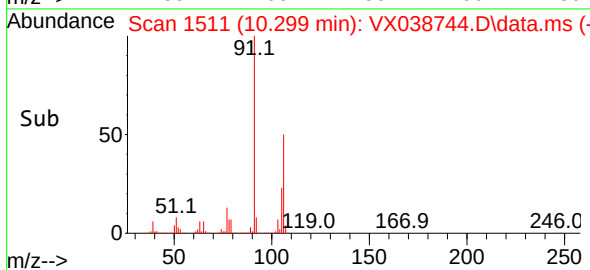
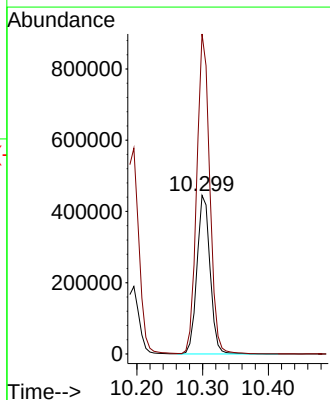
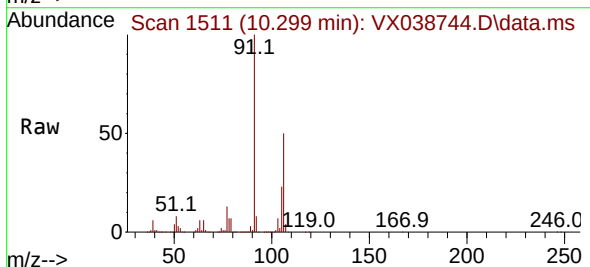
Manual Integrations
APPROVED

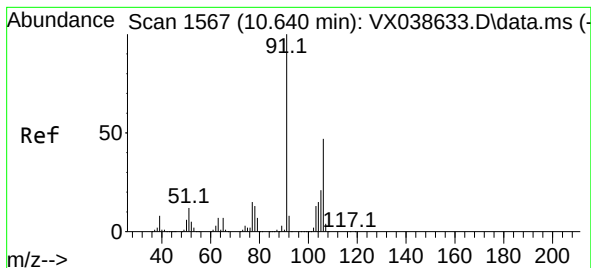
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#68
m/p-Xylenes
Concen: 97.625 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

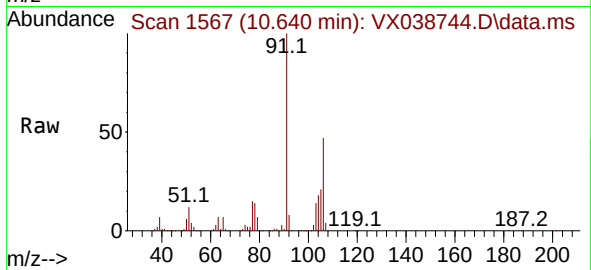
Tgt Ion:106 Resp: 615476
Ion Ratio Lower Upper
106 100
91 200.2 165.5 248.3





#69
o-Xylene
Concen: 49.816 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

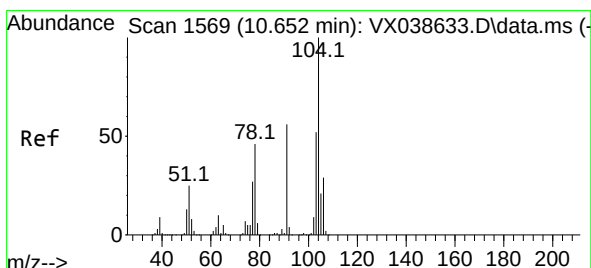
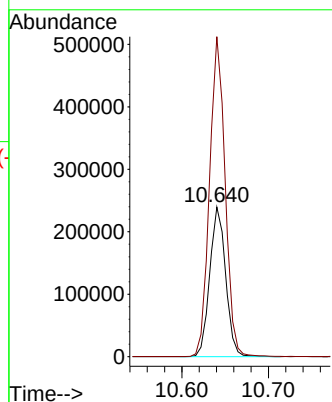
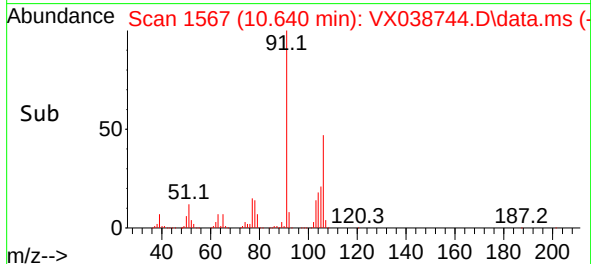
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 305410
Ion Ratio Lower Upper
106 100
91 209.7 108.9 326.8

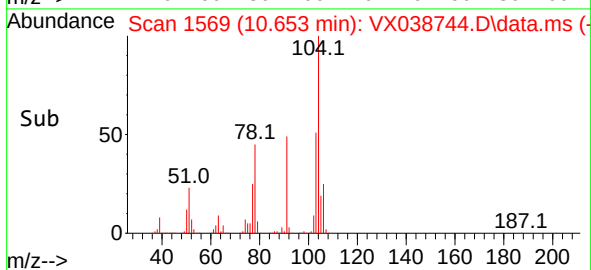
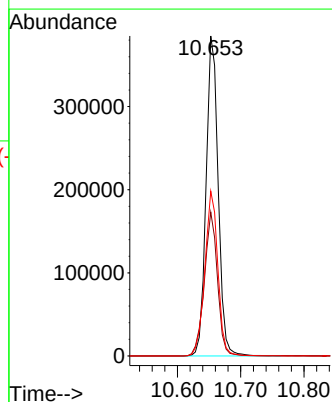
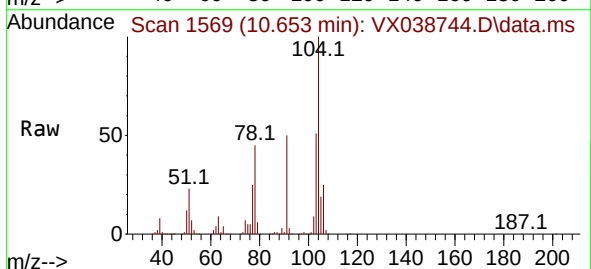
Manual Integrations
APPROVED

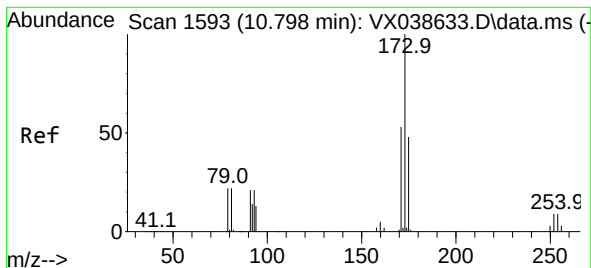
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Styrene
Concen: 50.746 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:104 Resp: 513468
Ion Ratio Lower Upper
104 100
78 48.8 43.6 65.4
103 55.5 43.6 65.4





#71

Bromoform

Concen: 51.390 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 160129

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

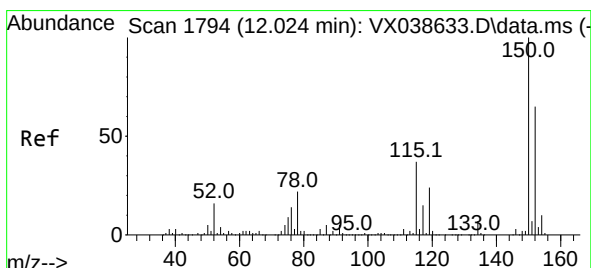
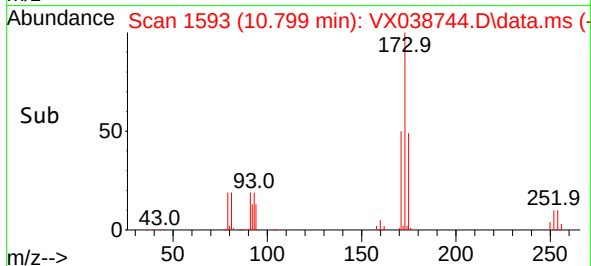
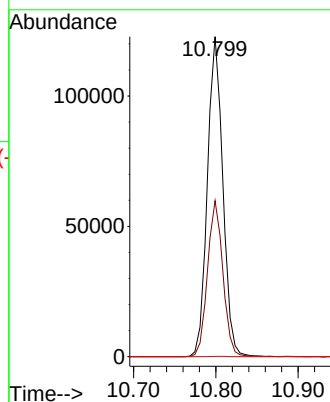
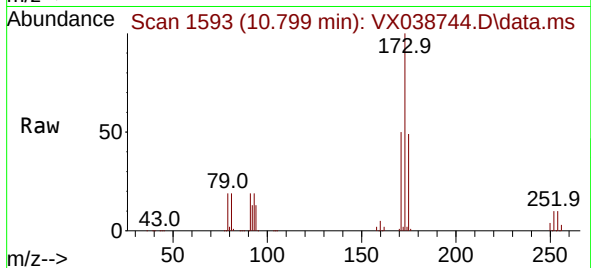
254 0.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

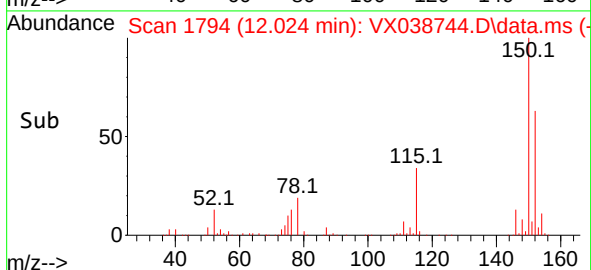
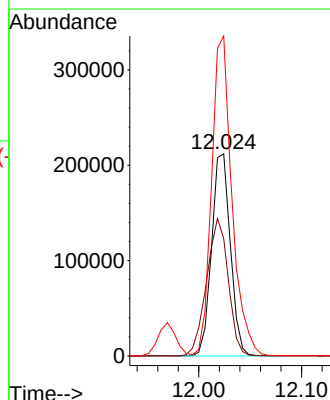
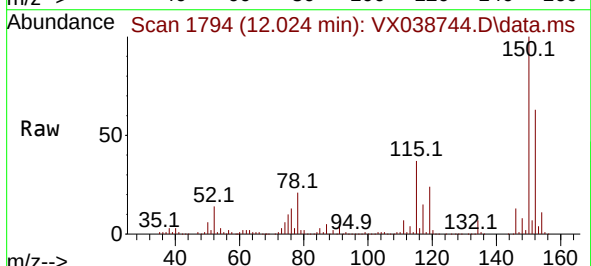
Tgt Ion:152 Resp: 268040

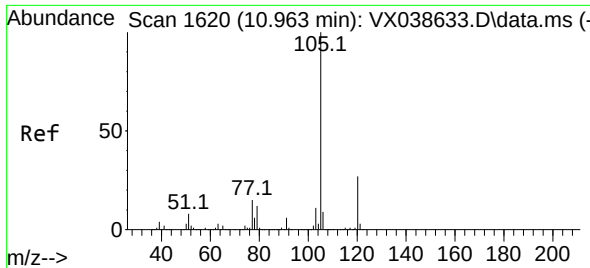
Ion Ratio Lower Upper

152 100

115 78.6 43.3 129.9

150 171.4 0.0 345.0





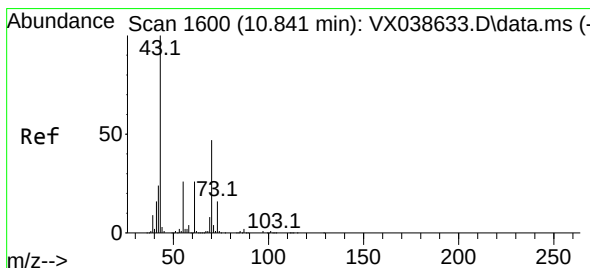
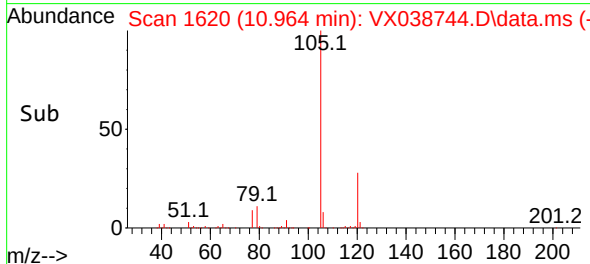
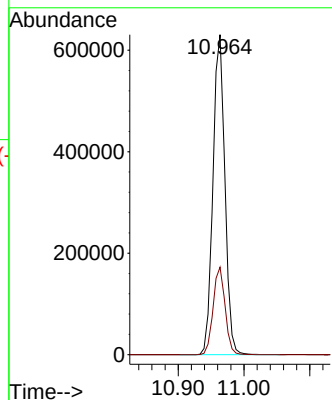
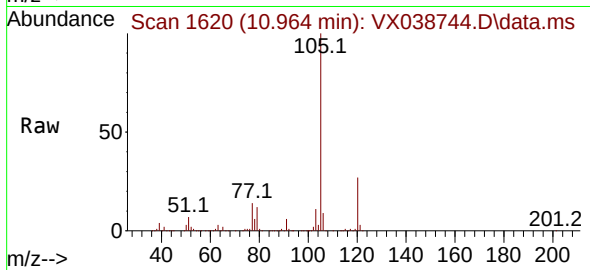
#73
Isopropylbenzene
Concen: 48.444 ug/l
RT: 10.964 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 796620
Ion Ratio Lower Upper
105 100
120 27.4 12.9 38.6

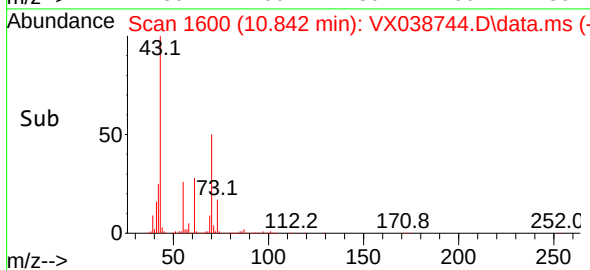
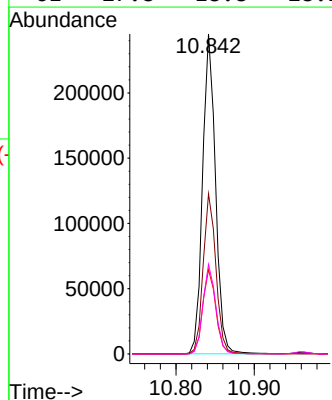
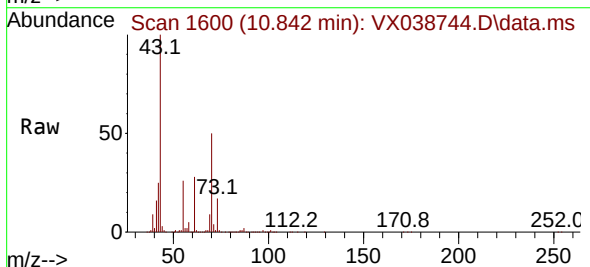
Manual Integrations
APPROVED

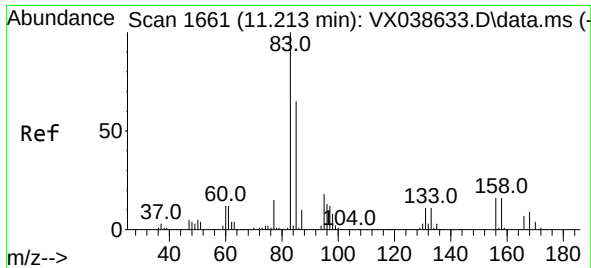
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#74
N-ethyl acetate
Concen: 49.157 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

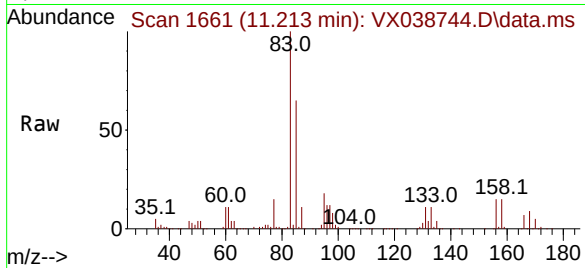
Tgt Ion: 43 Resp: 280864
Ion Ratio Lower Upper
43 100
70 49.7 32.9 49.3#
55 26.8 19.3 28.9
61 27.8 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.395 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

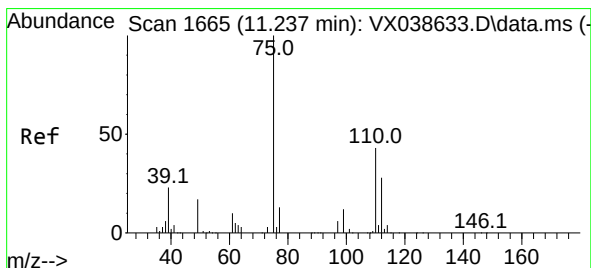
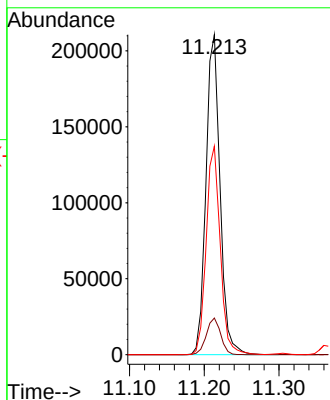
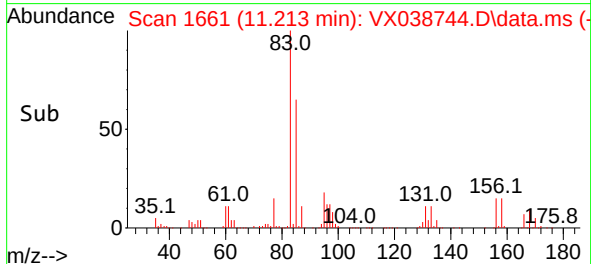
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 275119
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.2 32.0 96.2

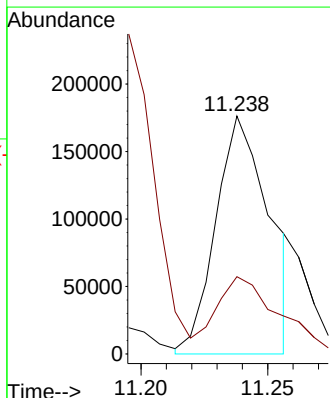
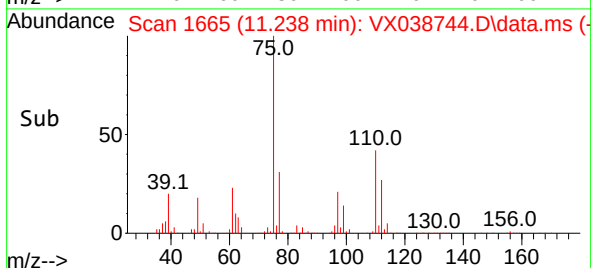
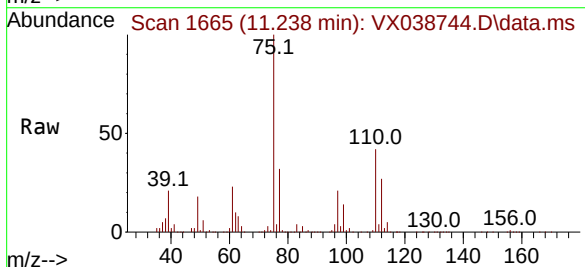
Manual Integrations
APPROVED

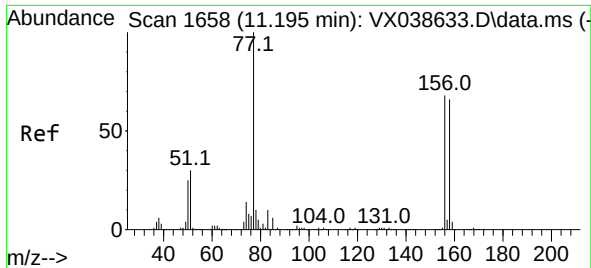
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#76
1,2,3-Trichloropropane
Concen: 48.783 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

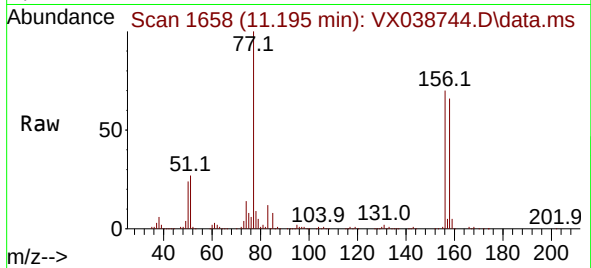
Tgt Ion: 75 Resp: 258966
Ion Ratio Lower Upper
75 100
77 38.2 19.1 57.5





#77
Bromobenzene
Concen: 48.429 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

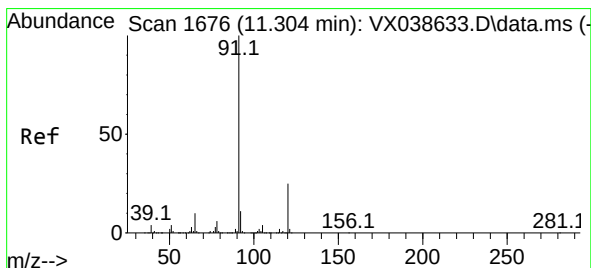
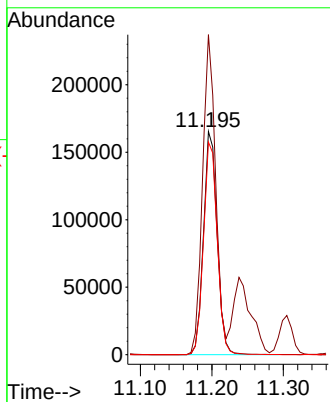
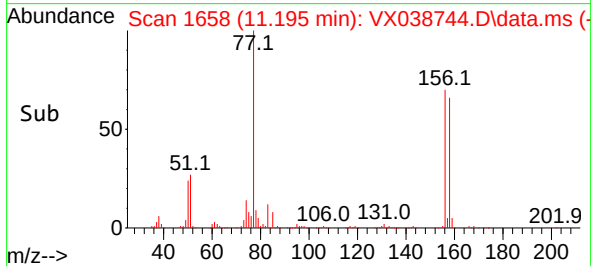
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 218564
Ion Ratio Lower Upper
156 100
77 137.7 88.4 265.3
158 96.3 48.0 144.0

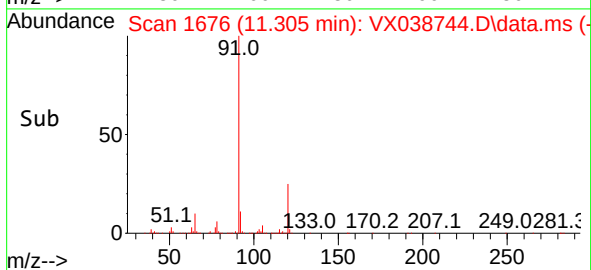
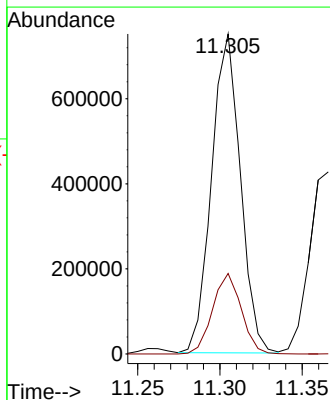
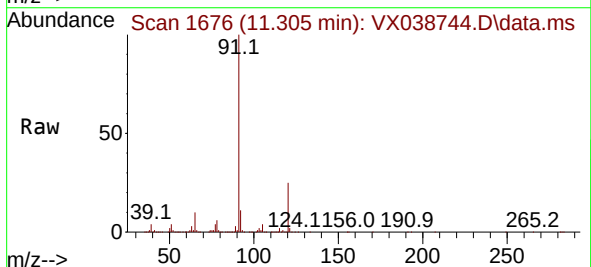
Manual Integrations
APPROVED

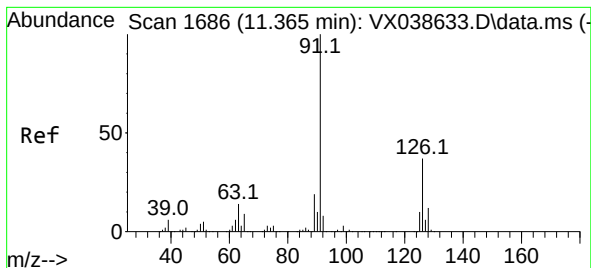
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#78
n-propylbenzene
Concen: 47.770 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

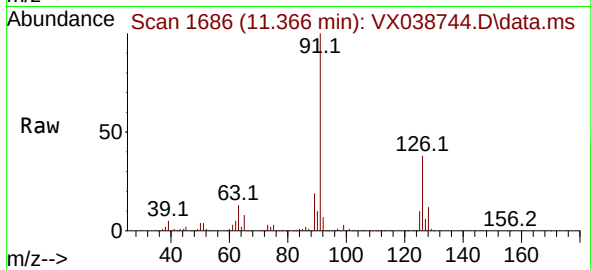
Tgt Ion: 91 Resp: 914119
Ion Ratio Lower Upper
91 100
120 25.1 11.5 34.4





#79
2-Chlorotoluene
Concen: 47.918 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

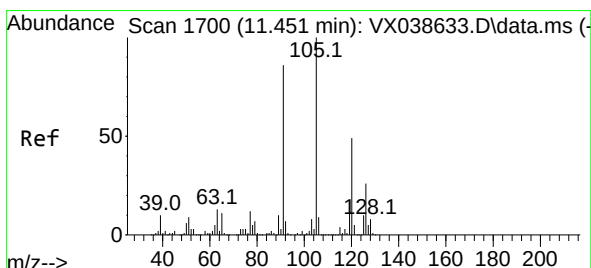
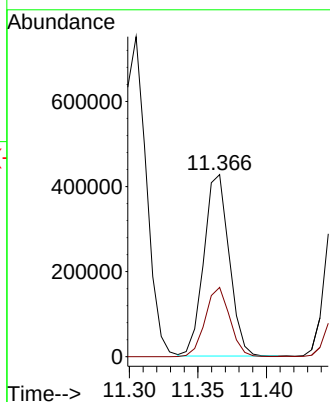
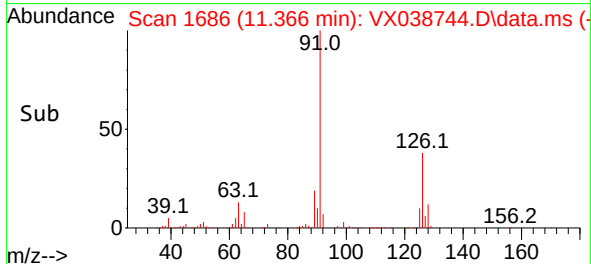
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 548970
Ion Ratio Lower Upper
91 100
126 37.1 16.3 48.8

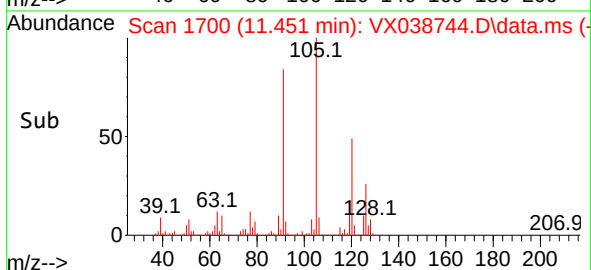
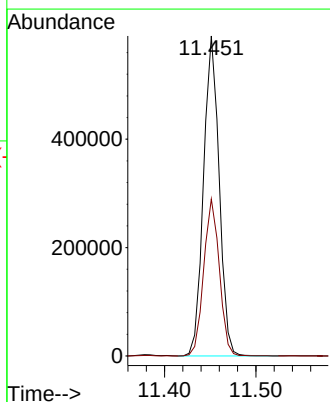
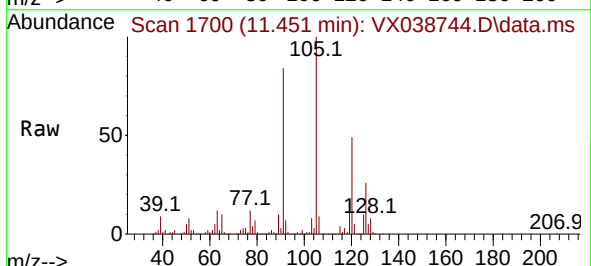
Manual Integrations
APPROVED

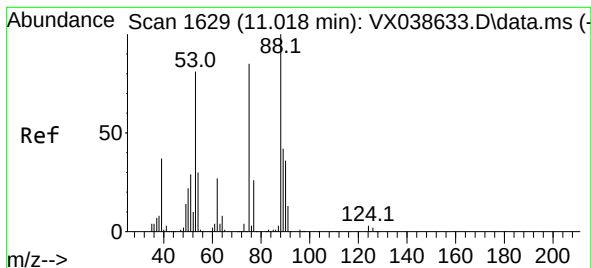
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.363 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:105 Resp: 698615
Ion Ratio Lower Upper
105 100
120 49.0 24.1 72.3





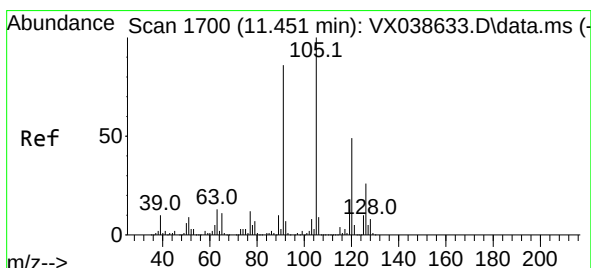
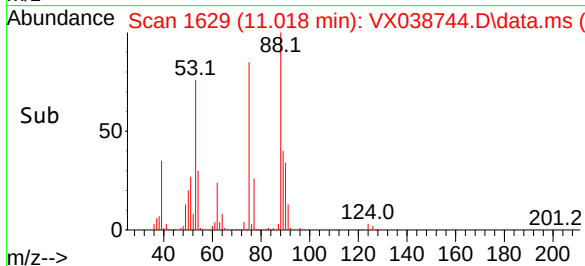
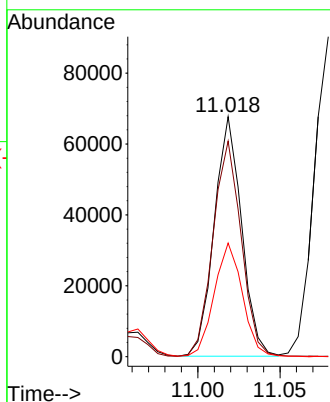
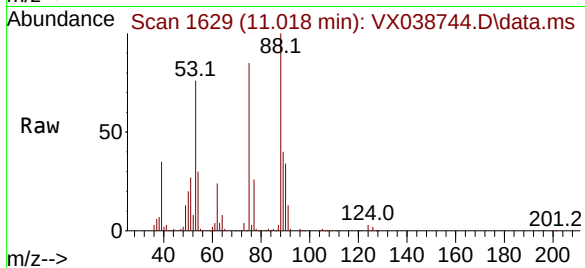
#81
trans-1,4-Dichloro-2-butene
Concen: 46.484 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 78270
Ion Ratio Lower Upper
75 100
53 92.6 90.5 135.7
89 49.1 36.9 55.3

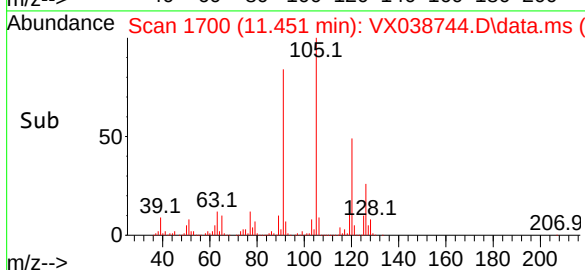
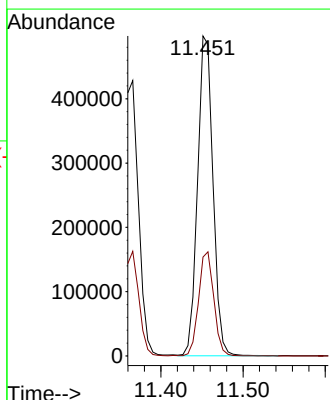
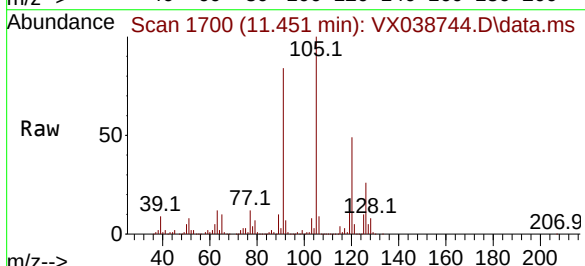
Manual Integrations
APPROVED

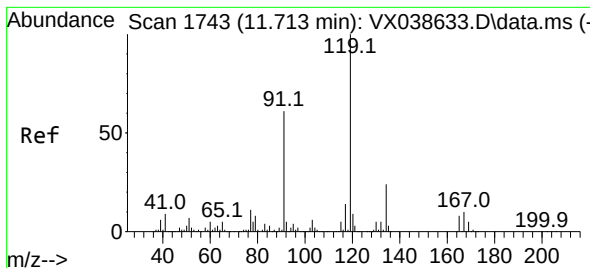
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 48.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

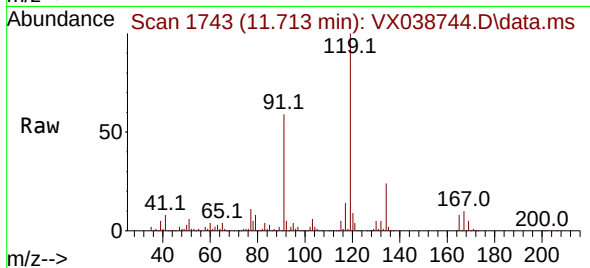
Tgt Ion: 91 Resp: 647016
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.979 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

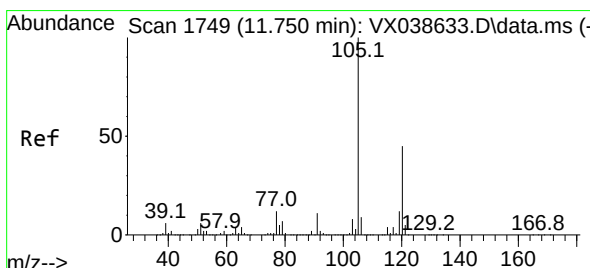
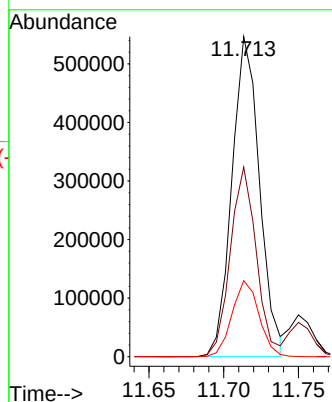
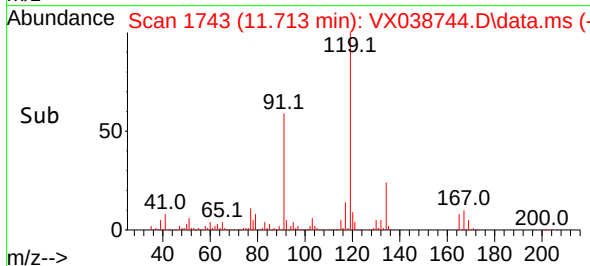
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



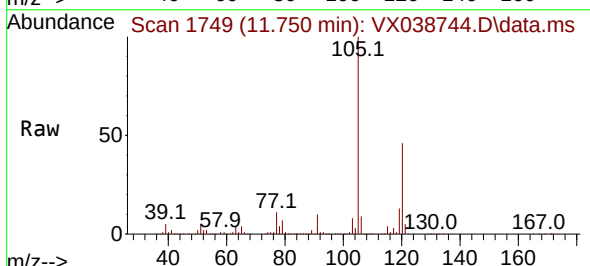
Tgt Ion:119 Resp: 702381
Ion Ratio Lower Upper
119 100
91 56.0 31.2 93.6
134 23.2 11.7 35.0

Manual Integrations
APPROVED

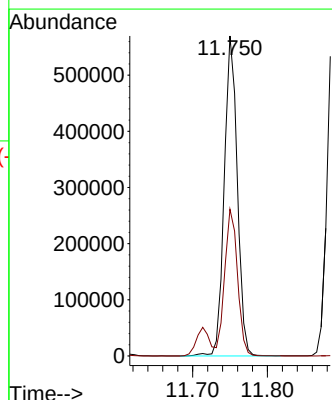
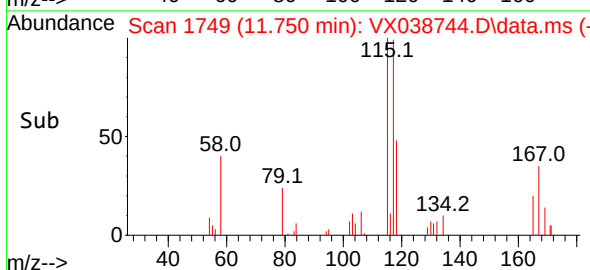
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

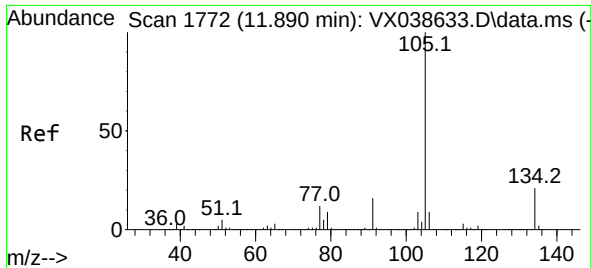


#84
1,2,4-Trimethylbenzene
Concen: 49.347 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10



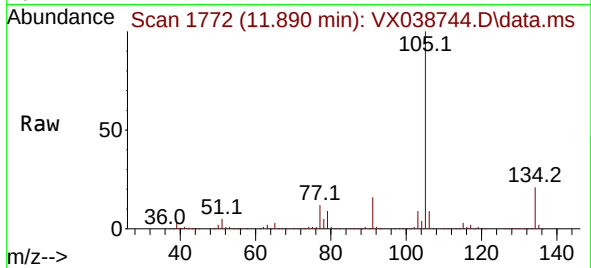
Tgt Ion:105 Resp: 692681
Ion Ratio Lower Upper
105 100
120 44.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.759 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10

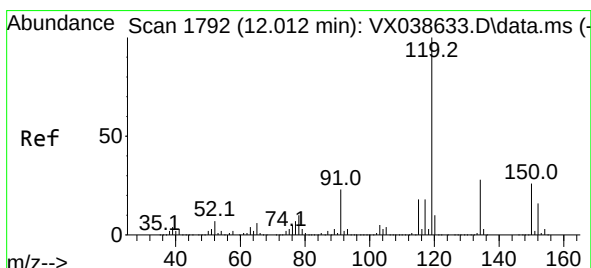
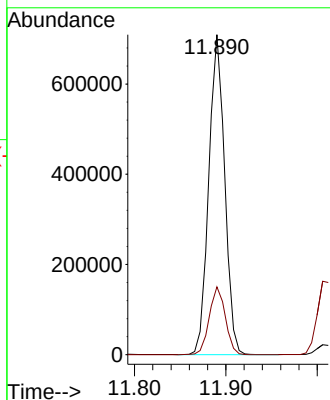
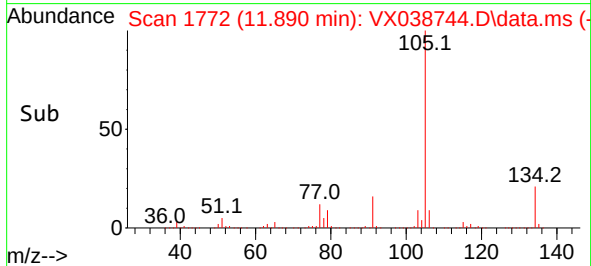
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



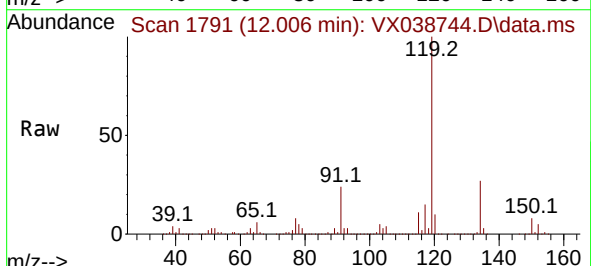
Tgt Ion:105 Resp: 854600
 Ion Ratio Lower Upper
 105 100
 134 21.4 9.8 29.4

Manual Integrations
 APPROVED

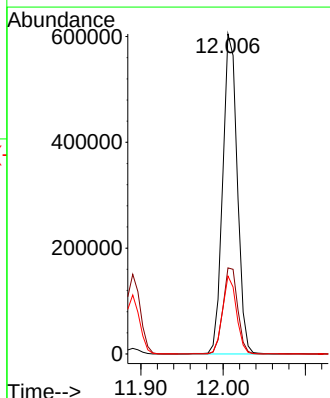
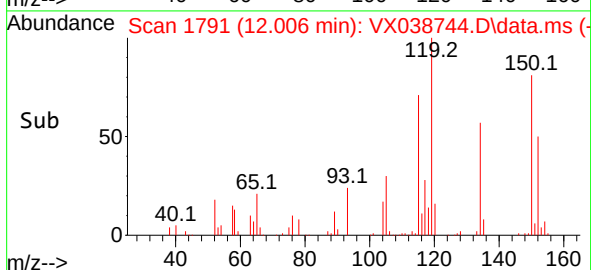
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

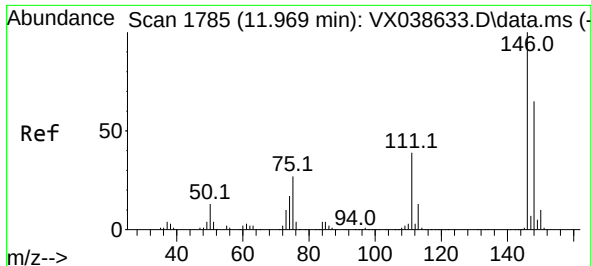


#86
 p-Isopropyltoluene
 Concen: 48.716 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10



Tgt Ion:119 Resp: 742600
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.8 38.3
 91 23.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.337 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038744.D

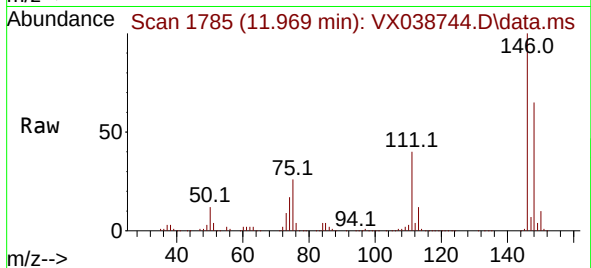
Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 408449

Ion Ratio Lower Upper

146 100

111 39.5 22.1 66.1

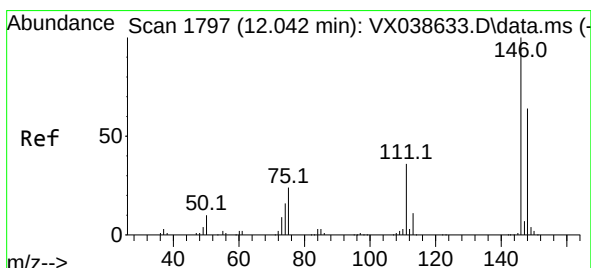
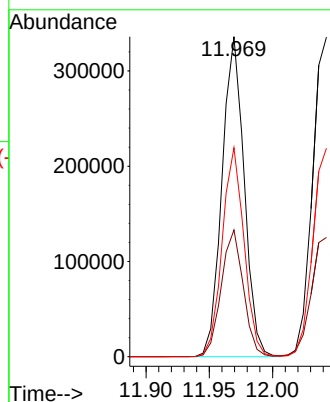
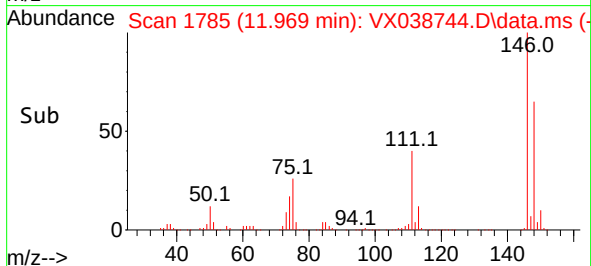
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 47.061 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

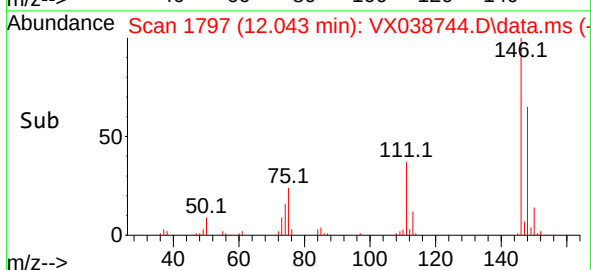
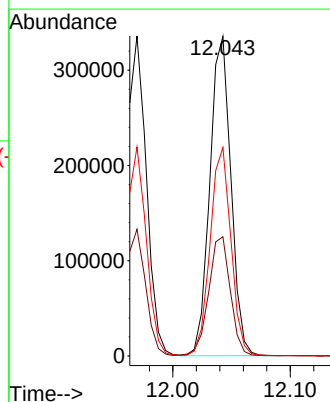
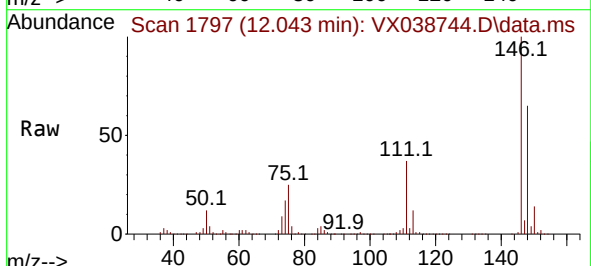
Tgt Ion:146 Resp: 417377

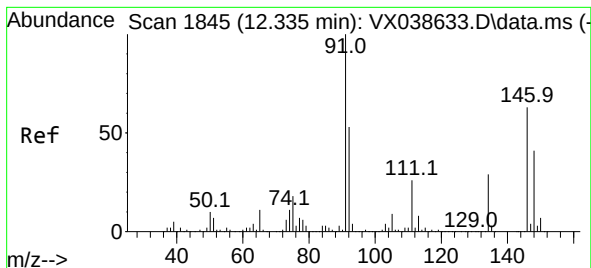
Ion Ratio Lower Upper

146 100

111 38.4 21.3 63.7

148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 46.784 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX038744.D

Acq: 10 Nov 2023 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 63462

Ion Ratio Lower Upper

91 100

92 52.7 27.4 82.0

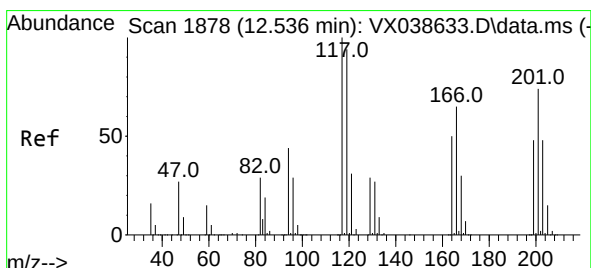
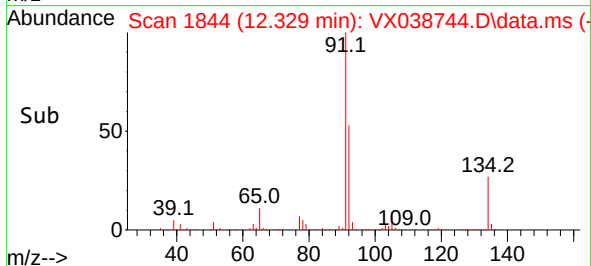
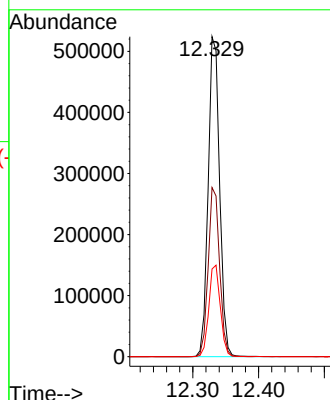
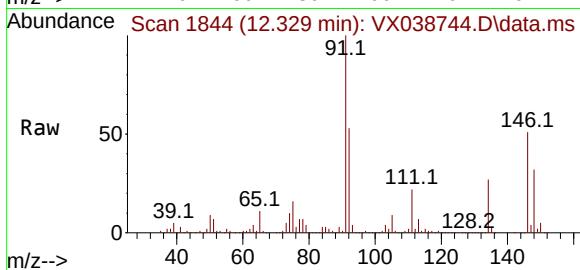
134 28.7 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#90

Hexachloroethane

Concen: 48.978 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX038744.D

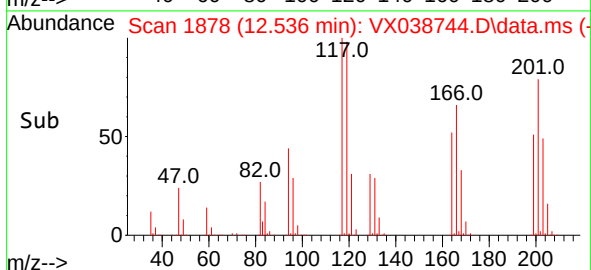
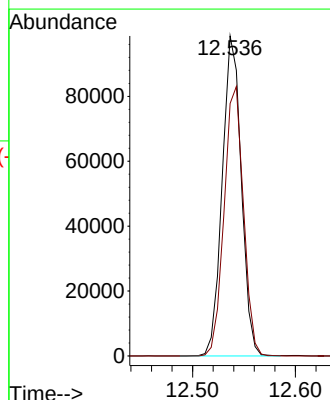
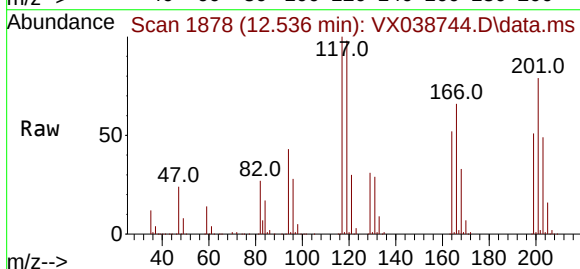
Acq: 10 Nov 2023 21:10

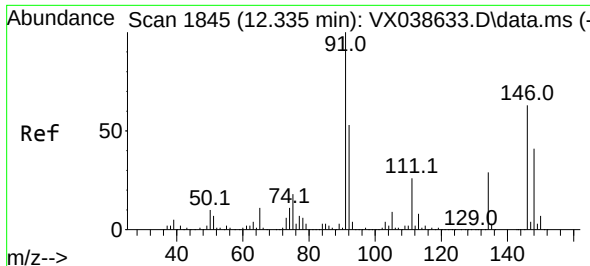
Tgt Ion:117 Resp: 126464

Ion Ratio Lower Upper

117 100

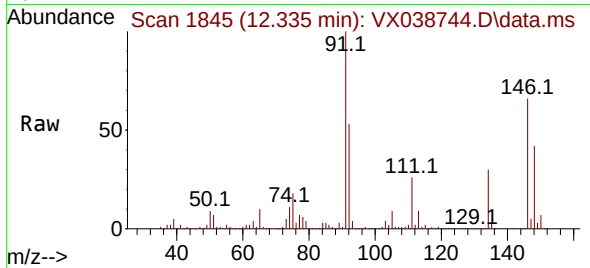
201 85.5 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.218 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

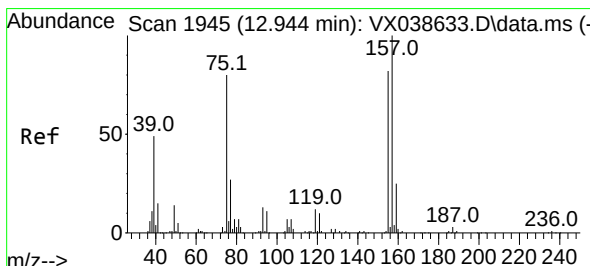
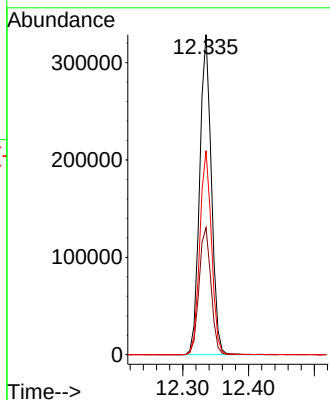
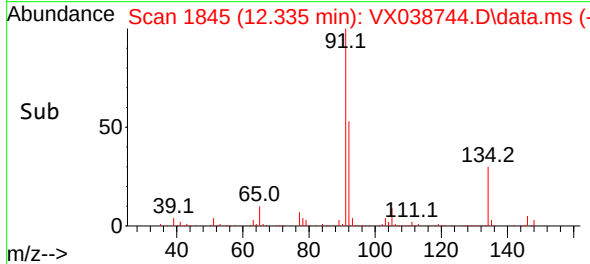
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 40631
Ion Ratio Lower Upper
146 100
111 40.6 22.4 67.0
148 63.9 31.6 95.0

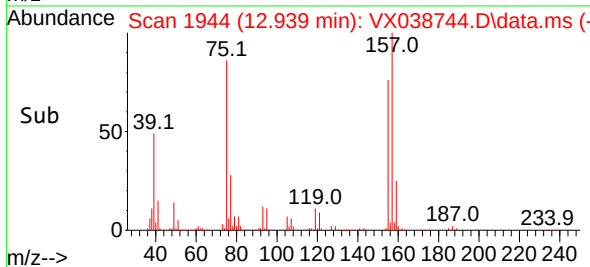
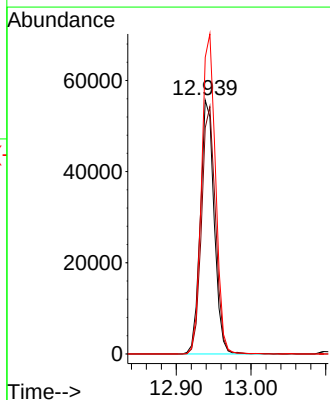
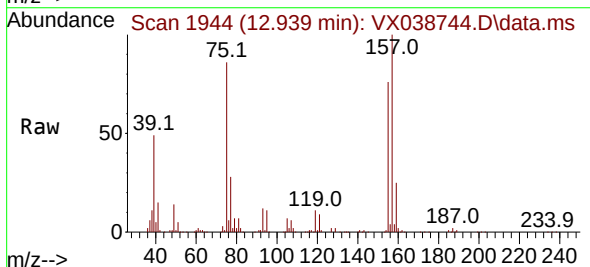
Manual Integrations
APPROVED

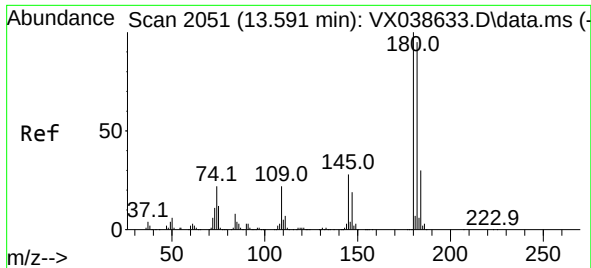
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.057 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

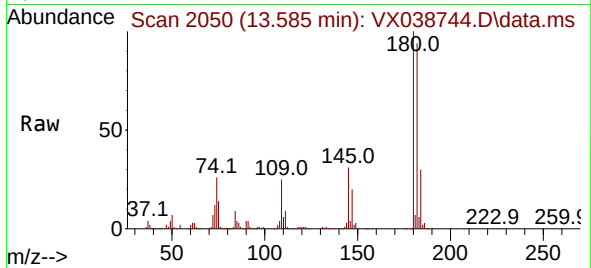
Tgt Ion: 75 Resp: 71521
Ion Ratio Lower Upper
75 100
155 97.9 36.1 108.5
157 127.6 44.9 134.7





#93
 1,2,4-Trichlorobenzene
 Concen: 47.776 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.006 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10

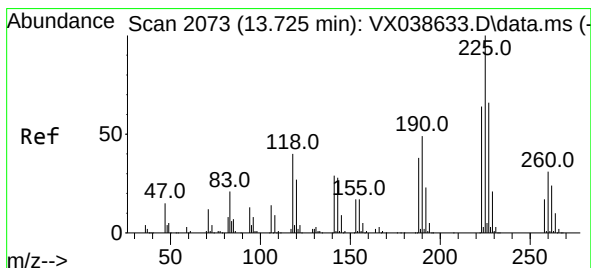
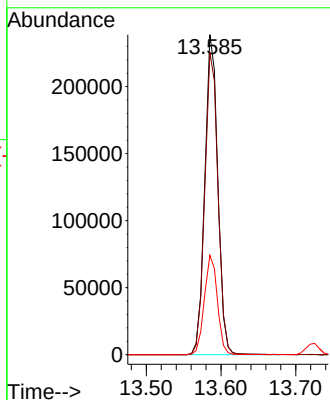
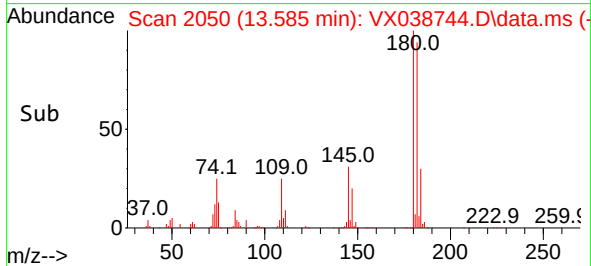
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



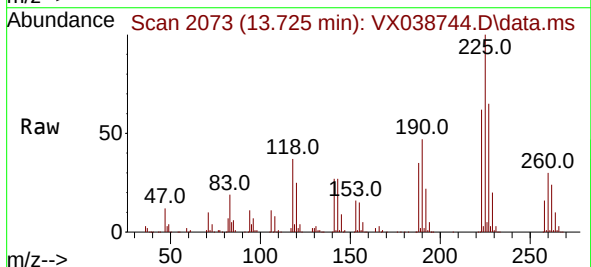
Tgt Ion:180 Resp: 28795
 Ion Ratio Lower Upper
 180 100
 182 96.1 48.3 144.8
 145 31.2 18.0 54.0

Manual Integrations
 APPROVED

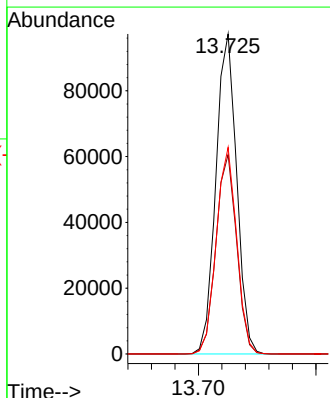
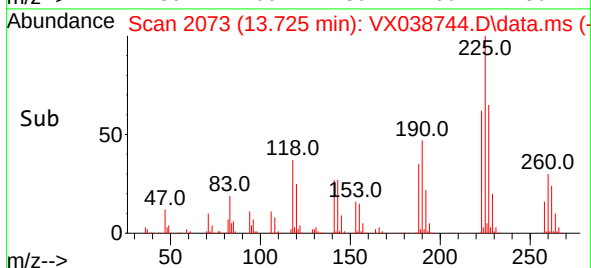
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

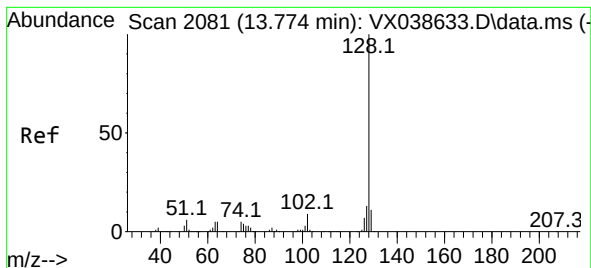


#94
 Hexachlorobutadiene
 Concen: 45.992 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX038744.D
 Acq: 10 Nov 2023 21:10



Tgt Ion:225 Resp: 119613
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 63.5 32.5 97.5





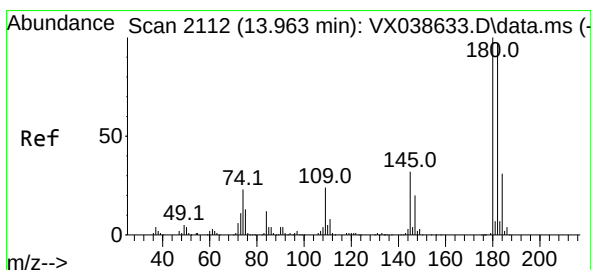
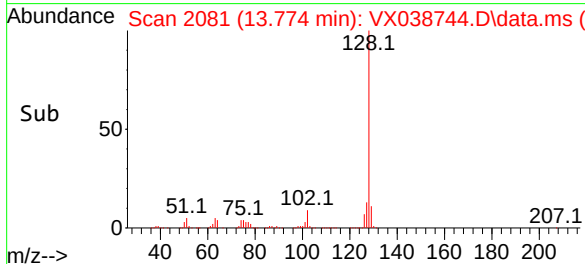
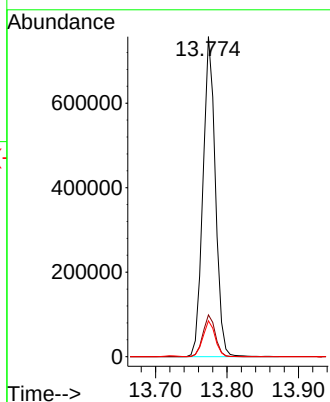
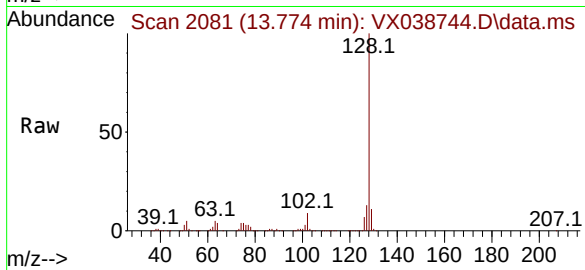
#95
Naphthalene
Concen: 50.274 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 91400
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.353 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX038744.D
Acq: 10 Nov 2023 21:10

Tgt Ion:180 Resp: 281306
Ion Ratio Lower Upper
180 100
182 95.4 46.9 140.6
145 33.0 17.8 53.5

