

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034222.D
 Acq On : 22 Feb 2023 12:30
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL05

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 03:18:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	319335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	519527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	456183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190579	44.314	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.620%		
35) Dibromofluoromethane	5.379	113	163931	48.463	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.920%		
50) Toluene-d8	8.647	98	605670	49.871	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.740%		
62) 4-Bromofluorobenzene	11.079	95	214751	46.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.460%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	1138	0.412	ug/l	94
3) Chloromethane	1.294	50	2082	0.524	ug/l	99
4) Vinyl Chloride	1.374	62	1621	0.448	ug/l	88
5) Bromomethane	1.618	94	1462	1.019	ug/l	91
6) Chloroethane	1.691	64	1148	0.631	ug/l	91
7) Trichlorofluoromethane	1.892	101	2476	0.506	ug/l	97
8) Diethyl Ether	2.130	74	1080	0.548	ug/l	55
9) 1,1,2-Trichlorotrifluo...	2.331	101	1342	0.389	ug/l	99
10) Methyl Iodide	2.447	142	1275	0.304	ug/l #	86
11) Tert butyl alcohol	2.947	59	4418	4.593	ug/l #	95
12) 1,1-Dichloroethene	2.325	96	1326	0.384	ug/l	94
13) Acrolein	2.239	56	1300	2.961	ug/l	85
14) Allyl chloride	2.660	41	2783	0.380	ug/l	100
15) Acrylonitrile	3.075	53	4160	1.982	ug/l	93
16) Acetone	2.380	43	3942	1.777	ug/l	98
17) Carbon Disulfide	2.514	76	4071	0.410	ug/l #	90
18) Methyl Acetate	2.703	43	2526	0.368	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	4687	0.384	ug/l	99
20) Methylene Chloride	2.794	84	2644	0.661	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	1447	0.400	ug/l	97
22) Diisopropyl ether	3.751	45	5502	0.428	ug/l #	50
23) Vinyl Acetate	3.733	43	18948	1.841	ug/l	98
24) 1,1-Dichloroethane	3.611	63	2533	0.359	ug/l #	78
25) 2-Butanone	4.568	43	5547	1.728	ug/l	98
26) 2,2-Dichloropropane	4.477	77	2229	0.349	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	1678	0.392	ug/l	97
28) Bromochloromethane	4.891	49	1234	0.392	ug/l #	97
29) Tetrahydrofuran	5.013	42	3804	1.943	ug/l	96
30) Chloroform	5.093	83	2857	0.422	ug/l	86
31) Cyclohexane	5.477	56	2392	0.373	ug/l	86
32) 1,1,1-Trichloroethane	5.373	97	2258	0.372	ug/l #	42
36) 1,1-Dichloropropene	5.702	75	2085	0.417	ug/l #	74
37) Ethyl Acetate	4.733	43	2977m	0.532	ug/l	
38) Carbon Tetrachloride	5.666	117	2276	0.442	ug/l	93
39) Methylcyclohexane	7.373	83	2405	0.374	ug/l	94
40) Benzene	6.037	78	5831	0.393	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 23 03:17:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	1319m	0.423	ug/l	
42) 1,2-Dichloroethane	6.086	62	2265	0.434	ug/l	84
43) Isopropyl Acetate	6.336	43	3674	0.372	ug/l #	94
44) Trichloroethene	7.129	130	1621	0.426	ug/l	96
45) 1,2-Dichloropropane	7.434	63	1681	0.426	ug/l #	79
46) Dibromomethane	7.592	93	1172	0.451	ug/l #	78
47) Bromodichloromethane	7.824	83	2043	0.383	ug/l #	95
48) Methyl methacrylate	7.702	41	1929	0.412	ug/l	87
49) 1,4-Dioxane	7.696	88	642	6.874	ug/l #	94
51) 4-Methyl-2-Pentanone	8.574	43	10346	1.906	ug/l	92
52) Toluene	8.720	92	3510	0.391	ug/l	86
53) t-1,3-Dichloropropene	8.982	75	2130	0.347	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	2488	0.379	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	1370	0.378	ug/l	92
56) Ethyl methacrylate	9.128	69	2283	0.372	ug/l	97
57) 1,3-Dichloropropane	9.311	76	2488	0.394	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.244	63	6304	2.373	ug/l	93
59) 2-Hexanone	9.439	43	6793	1.642	ug/l	99
60) Dibromochloromethane	9.525	129	1428	0.356	ug/l	98
61) 1,2-Dibromoethane	9.610	107	1373	0.358	ug/l	95
64) Tetrachloroethene	9.269	164	1472	0.457	ug/l	90
65) Chlorobenzene	10.079	112	3886	0.409	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	1286	0.349	ug/l #	63
67) Ethyl Benzene	10.195	91	6836	0.400	ug/l	92
68) m/p-Xylenes	10.299	106	5154	0.788	ug/l	94
69) o-Xylene	10.640	106	2484	0.382	ug/l	95
70) Styrene	10.659	104	4059	0.383	ug/l	97
71) Bromoform	10.799	173	1050	0.349	ug/l #	99
73) Isopropylbenzene	10.963	105	6336	0.393	ug/l	98
74) N-amyl acetate	10.848	43	3092	0.381	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	1928	0.349	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	1923m	0.361	ug/l	
77) Bromobenzene	11.195	156	1700	0.438	ug/l	85
78) n-propylbenzene	11.305	91	7601	0.405	ug/l	93
79) 2-Chlorotoluene	11.366	91	4405	0.383	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	5407	0.398	ug/l	93
81) trans-1,4-Dichloro-2-b...	11.018	75	493m	0.238	ug/l	
82) 4-Chlorotoluene	11.457	91	5493	0.419	ug/l	97
83) tert-Butylbenzene	11.713	119	5308	0.382	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	4948	0.361	ug/l	93
85) sec-Butylbenzene	11.890	105	6266	0.371	ug/l	100
86) p-Isopropyltoluene	12.012	119	5378	0.385	ug/l #	84
87) 1,3-Dichlorobenzene	11.969	146	2853	0.392	ug/l	90
88) 1,4-Dichlorobenzene	12.043	146	2979m	0.405	ug/l	
89) n-Butylbenzene	12.335	91	4114	0.331	ug/l	93
90) Hexachloroethane	12.542	117	1044	0.358	ug/l	77
91) 1,2-Dichlorobenzene	12.341	146	2801	0.393	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	430	0.327	ug/l	68
93) 1,2,4-Trichlorobenzene	13.591	180	1900	0.415	ug/l	94
94) Hexachlorobutadiene	13.725	225	818	0.431	ug/l	91
95) Naphthalene	13.780	128	5383	0.349	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1560	0.343	ug/l	85

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Instrument :
MSVOA_X
ClientSampleId :
MDL05

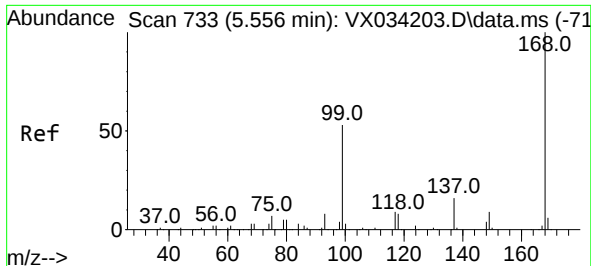
Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 02/23/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 23 03:17:23 2023
Response via : Initial Calibration

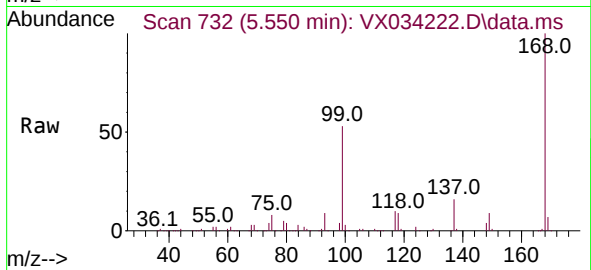
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

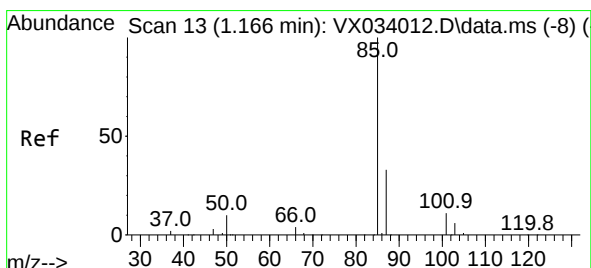
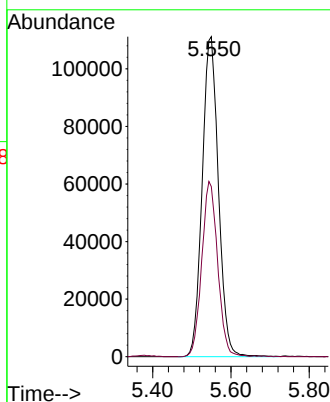
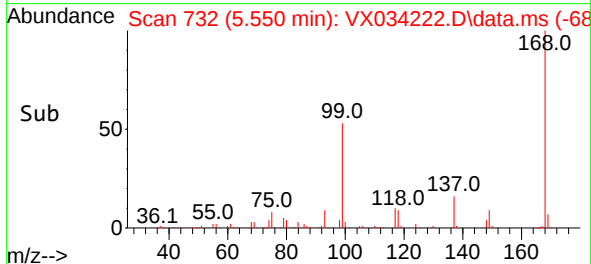
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion:168 Resp: 31933
Ion Ratio Lower Upper
168 100
99 53.2 39.6 59.4

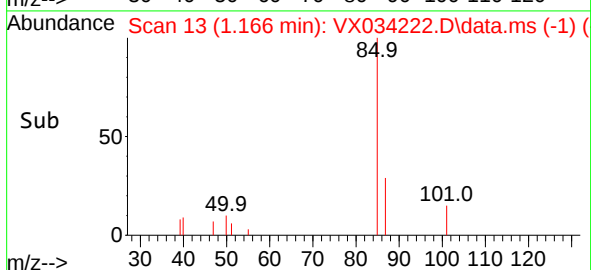
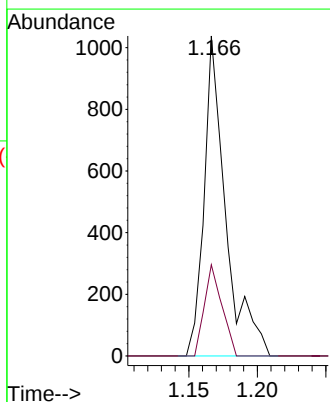
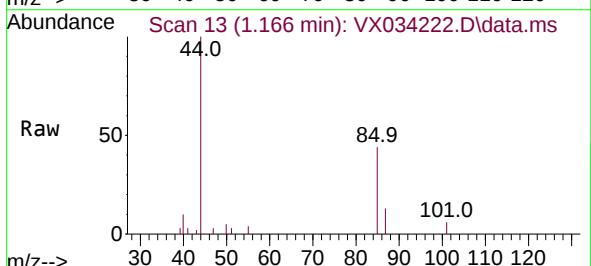
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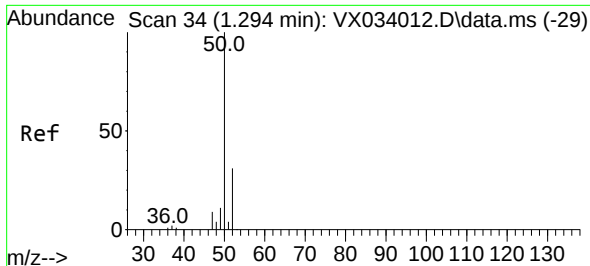
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.412 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

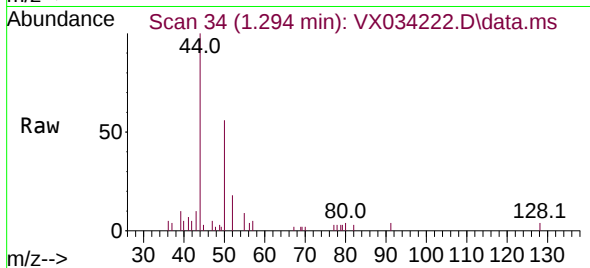
Tgt Ion: 85 Resp: 1138
Ion Ratio Lower Upper
85 100
87 28.5 15.8 47.4





#3
Chloromethane
Concen: 0.524 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

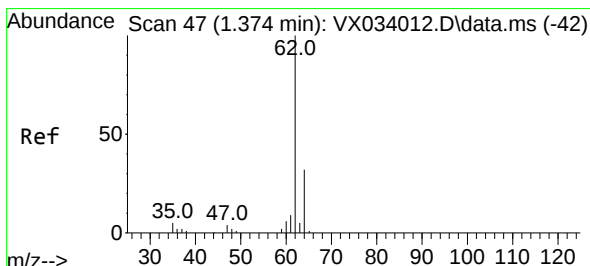
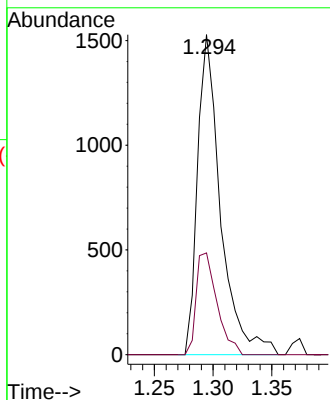
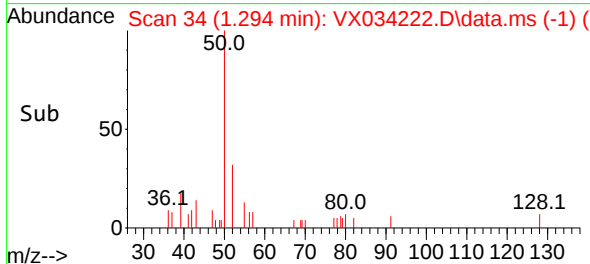
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 31.8 25.2 37.8

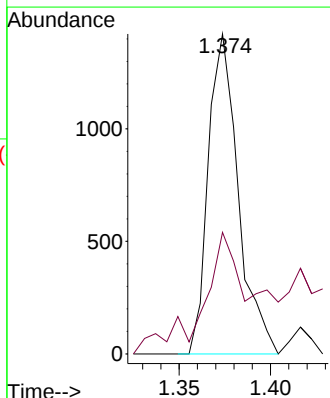
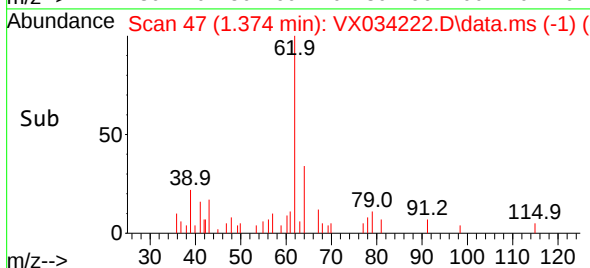
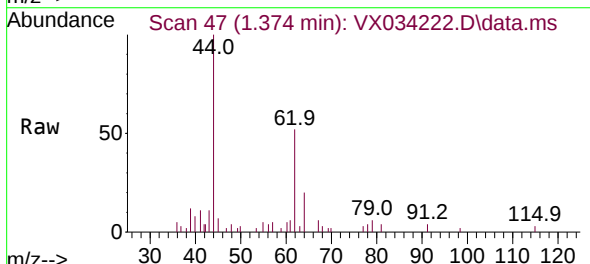
Manual Integrations
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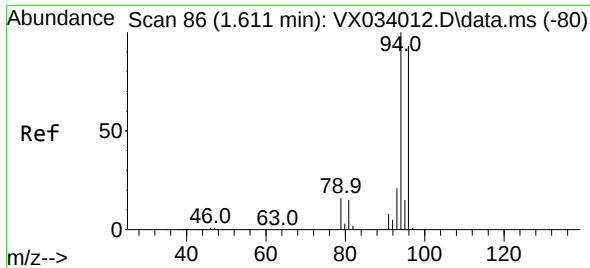
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Vinyl Chloride
Concen: 0.448 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

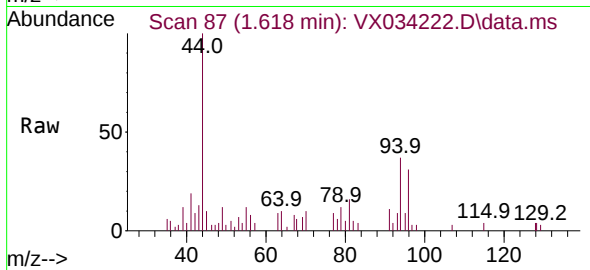
Tgt Ion: 62 Resp: 1621
Ion Ratio Lower Upper
62 100
64 26.3 26.2 39.4





#5
Bromomethane
Concen: 1.019 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

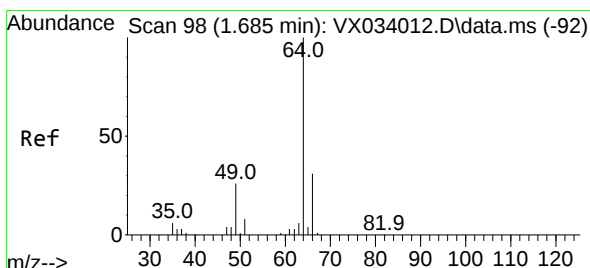
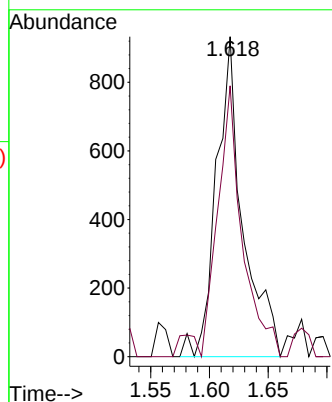
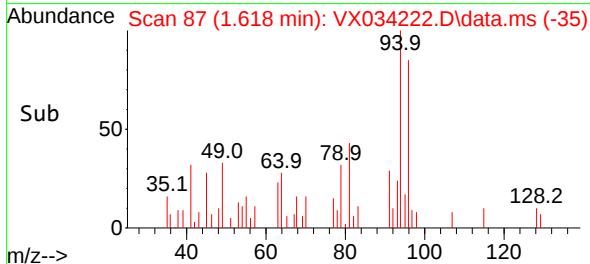
Instrument :
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Tgt Ion: 94 Resp: 1462
Ion Ratio Lower Upper
94 100
96 84.7 74.3 111.5

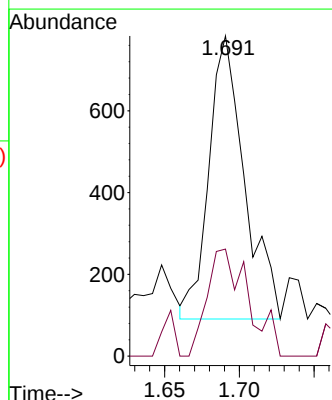
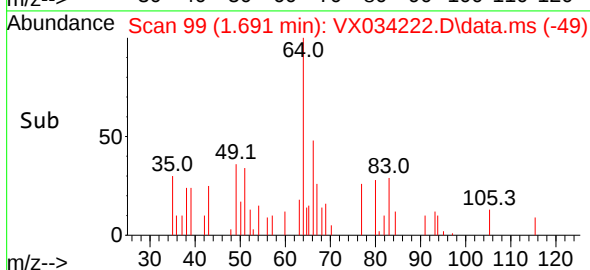
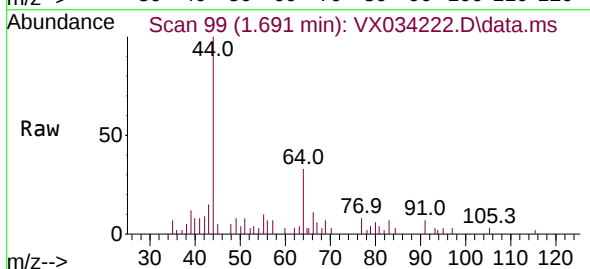
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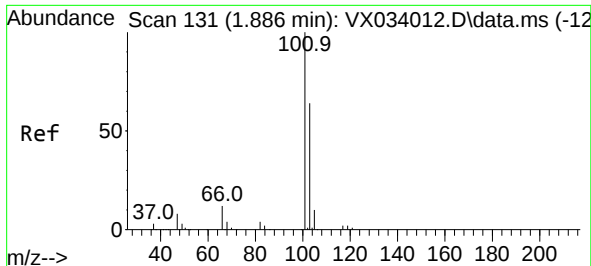
Reviewed By :John Carlone 02/23/2023
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#6
Chloroethane
Concen: 0.631 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

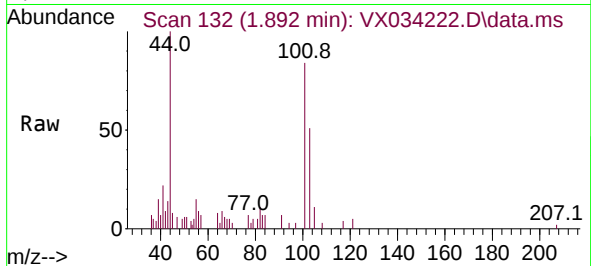
Tgt Ion: 64 Resp: 1148
Ion Ratio Lower Upper
64 100
66 37.9 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 0.506 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX034222.D
 Acq: 22 Feb 2023 12:30

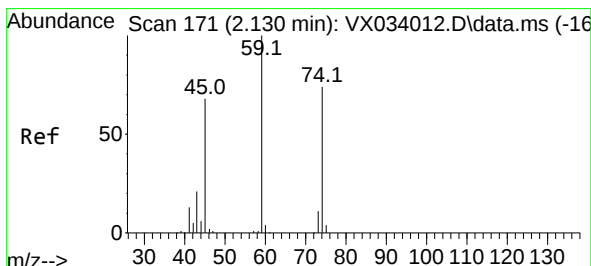
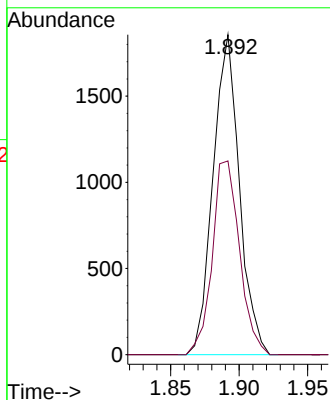
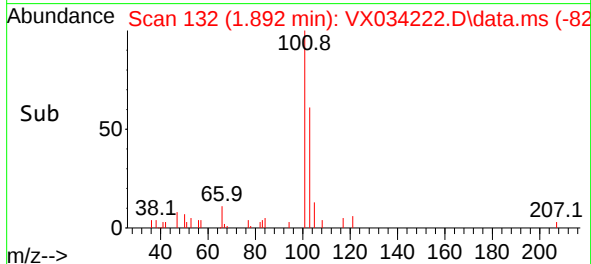
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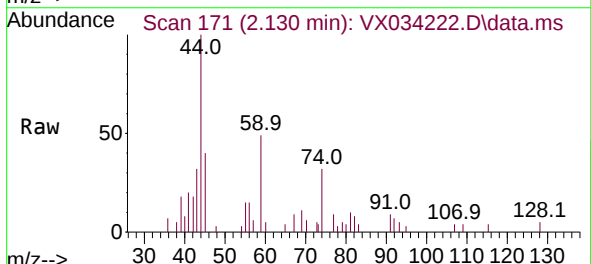
Tgt Ion:101 Resp: 2470
 Ion Ratio Lower Upper
 101 100
 103 60.5 50.6 75.8

Manual Integrations
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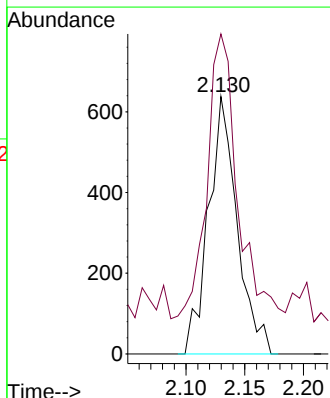
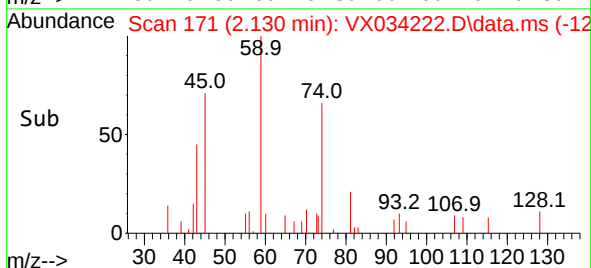
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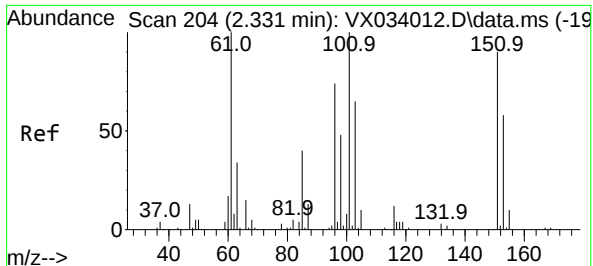


#8
 Diethyl Ether
 Concen: 0.548 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 1080
 Ion Ratio Lower Upper
 74 100
 45 148.4 51.5 154.5





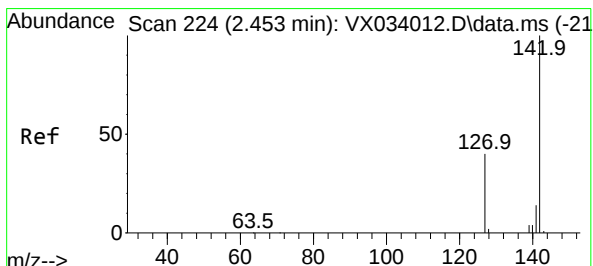
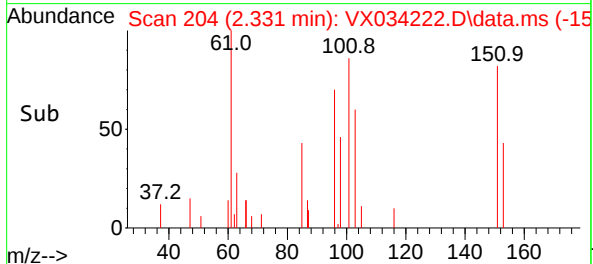
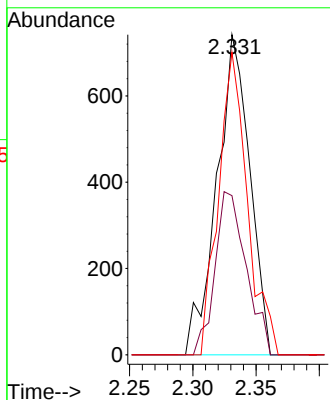
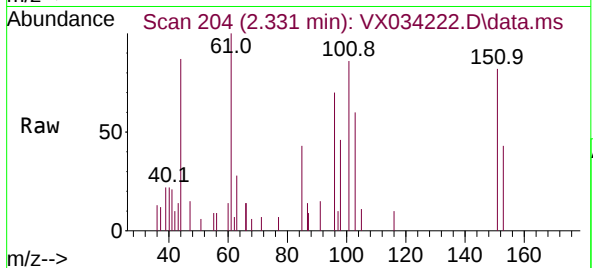
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.389 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:101 Resp: 134
Ion Ratio Lower Upper
101 100
85 48.3 36.7 55.1
151 82.9 66.5 99.7

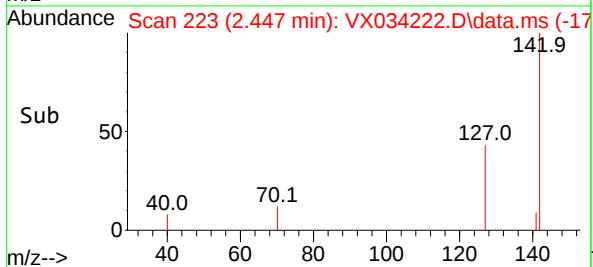
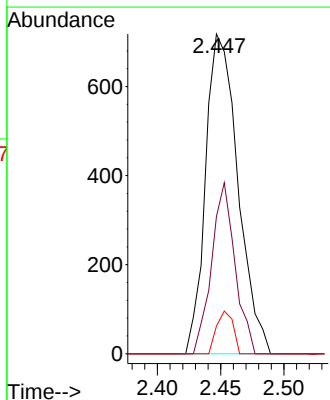
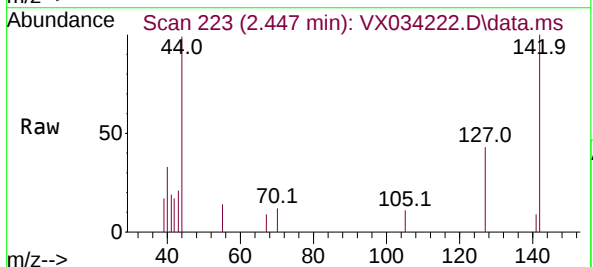
Manual Integrations
APPROVED

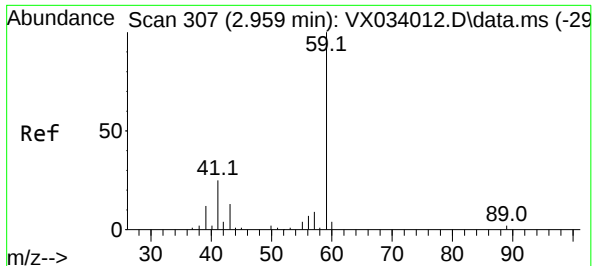
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 0.304 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

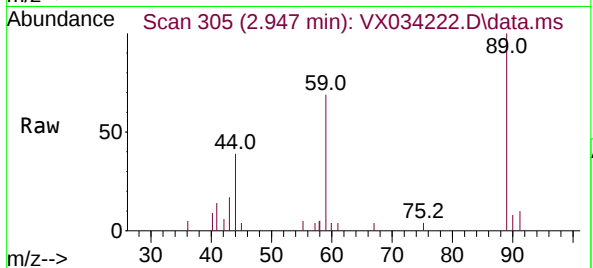
Tgt Ion:142 Resp: 1275
Ion Ratio Lower Upper
142 100
127 38.6 37.3 55.9
141 6.7 11.5 17.3#





#11
Tert butyl alcohol
Concen: 4.593 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

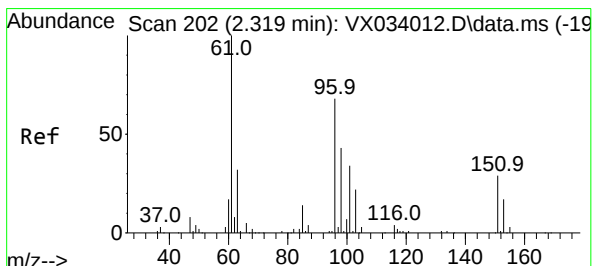
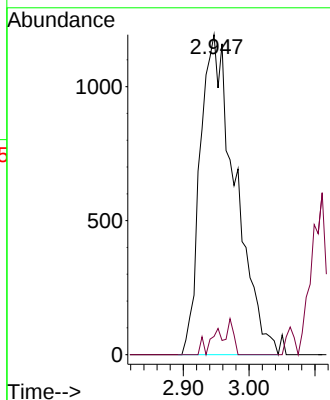
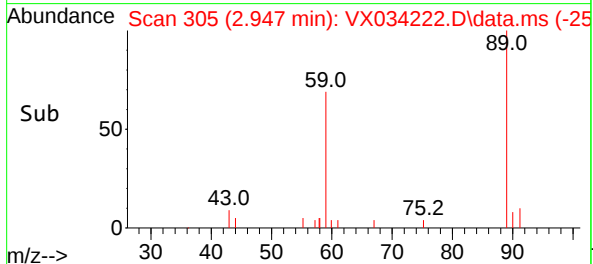
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 59 Resp: 4418
Ion Ratio Lower Upper
59 100
57 2.9 3.7 5.5

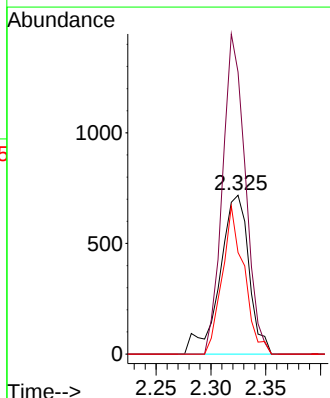
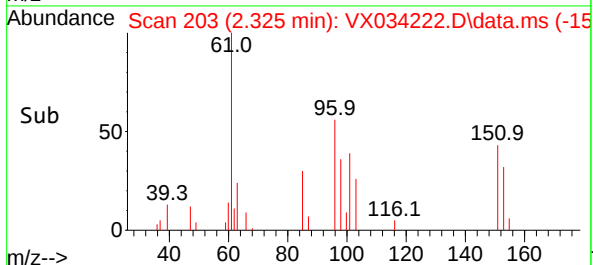
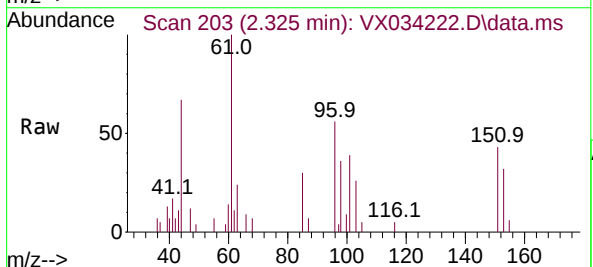
Manual Integrations
APPROVED

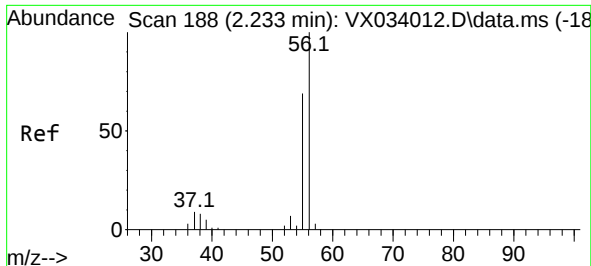
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1-Dichloroethene
Concen: 0.384 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 96 Resp: 1326
Ion Ratio Lower Upper
96 100
61 177.6 134.2 201.4
98 63.9 50.2 75.2





#13

Acrolein

Concen: 2.961 ug/l

RT: 2.239 min Scan# 188

Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 56 Resp: 1300

Ion Ratio Lower Upper

56 100

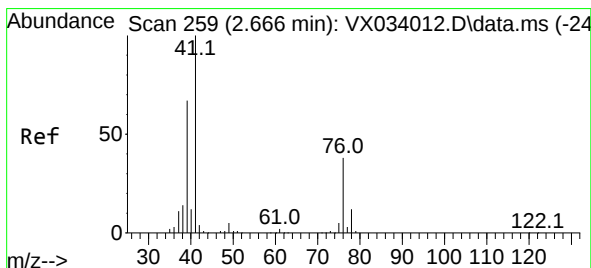
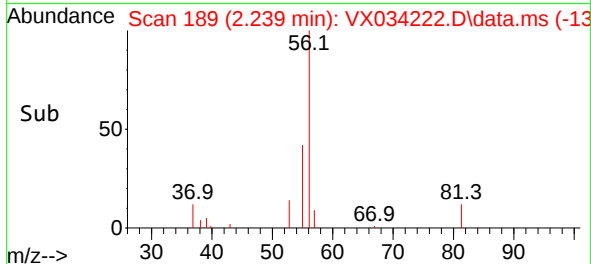
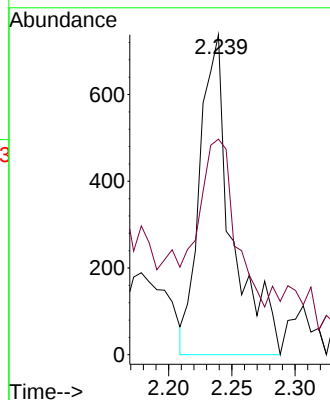
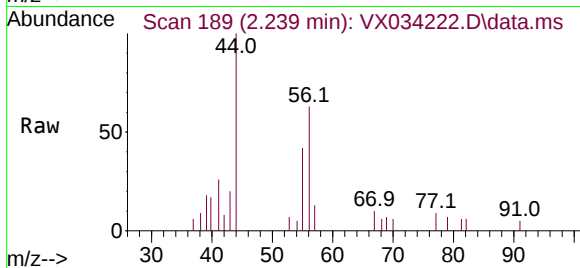
55 58.0 56.3 84.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#14

Allyl chloride

Concen: 0.380 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

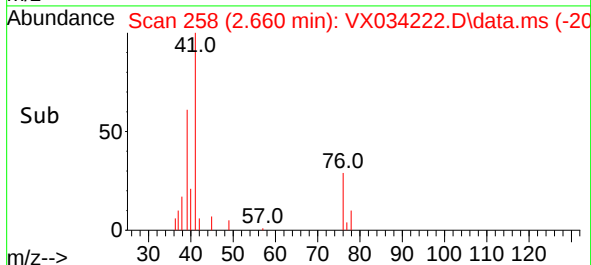
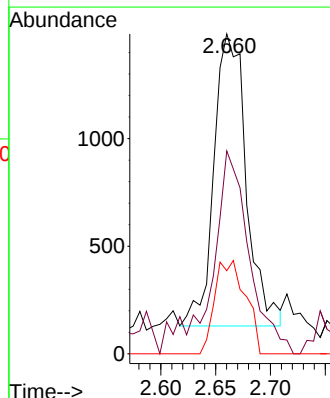
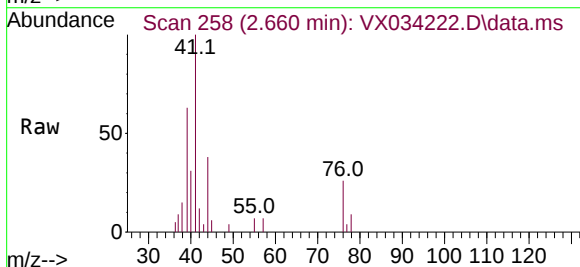
Tgt Ion: 41 Resp: 2783

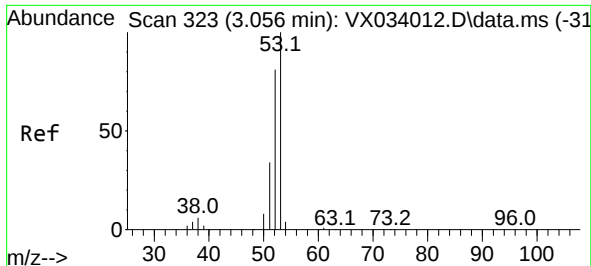
Ion Ratio Lower Upper

41 100

39 73.6 59.0 88.4

76 30.4 24.6 37.0





#15

Acrylonitrile

Concen: 1.982 ug/l

RT: 3.075 min Scan# 31

Delta R.T. 0.018 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

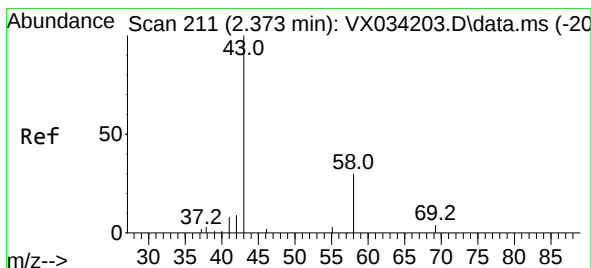
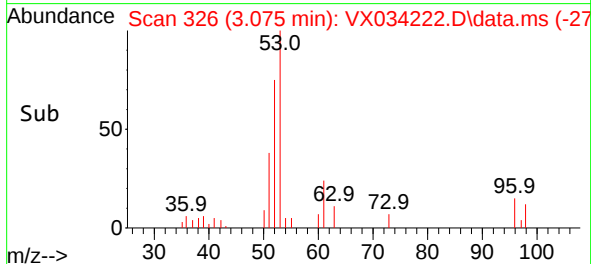
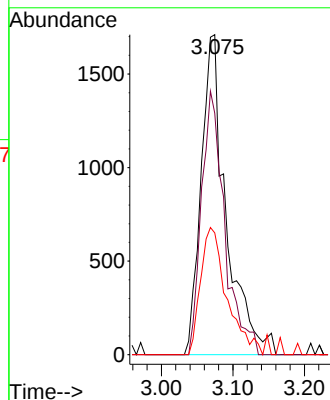
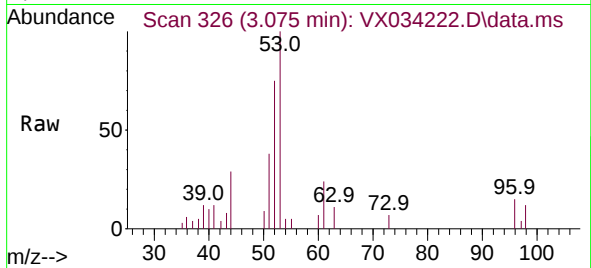
Tgt Ion: 53	Resp: 4160
Ion Ratio	Lower Upper
53 100	
52 76.2	65.7 98.5
51 41.7	29.0 43.4

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#16

Acetone

Concen: 1.777 ug/l

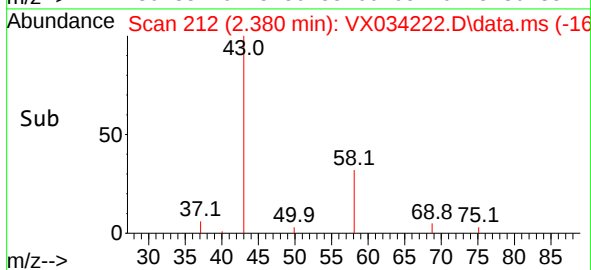
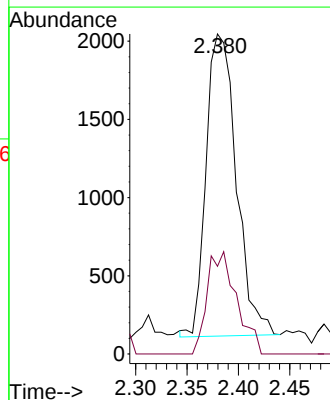
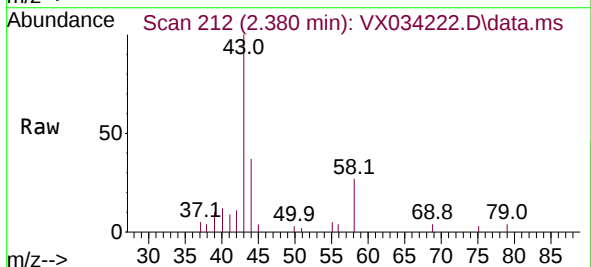
RT: 2.380 min Scan# 212

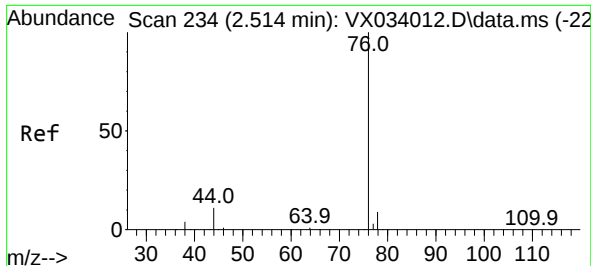
Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Tgt Ion: 43	Resp: 3942
Ion Ratio	Lower Upper
43 100	
58 29.2	22.6 33.8





#17

Carbon Disulfide

Concen: 0.410 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 76 Resp: 407

Ion Ratio Lower Upper

76 100

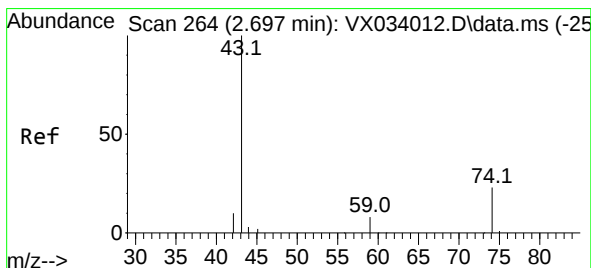
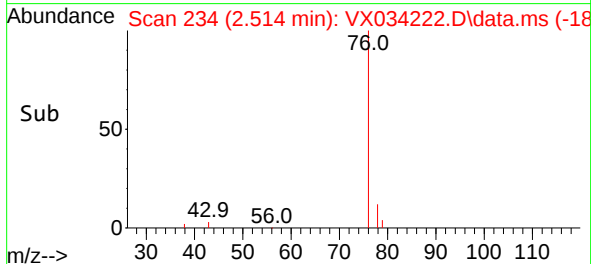
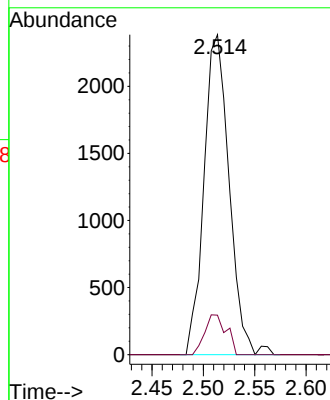
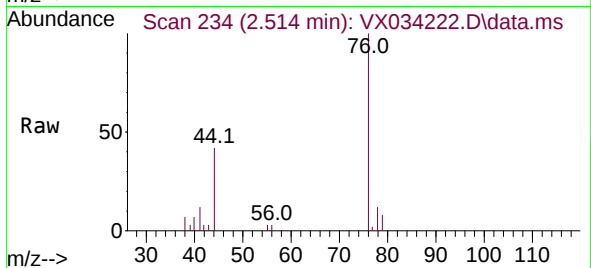
78 12.3 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

Methyl Acetate

Concen: 0.368 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX034222.D

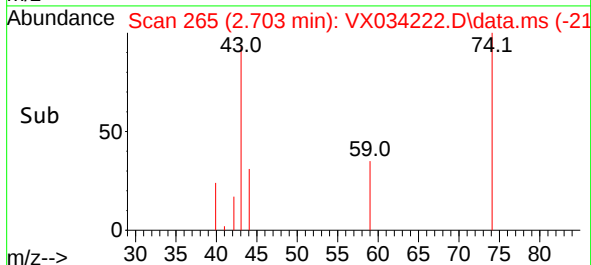
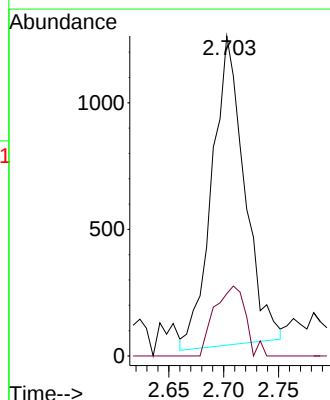
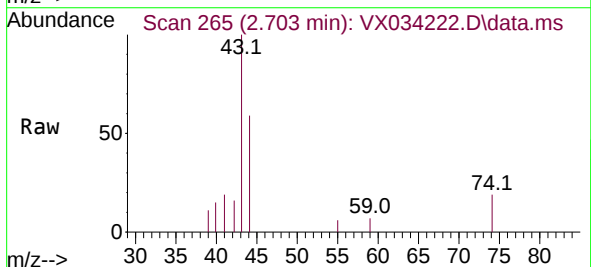
Acq: 22 Feb 2023 12:30

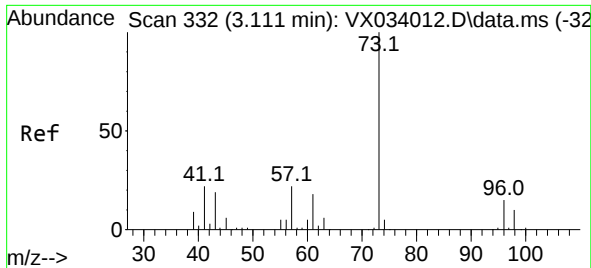
Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

74 21.5 18.2 27.4





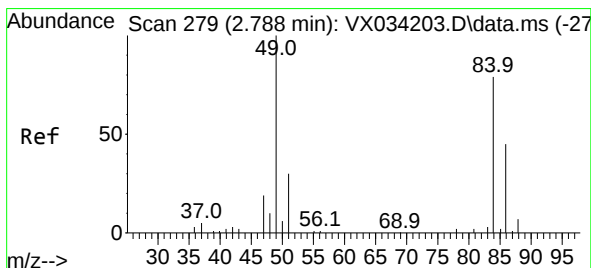
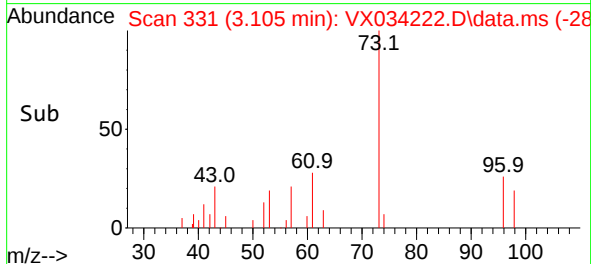
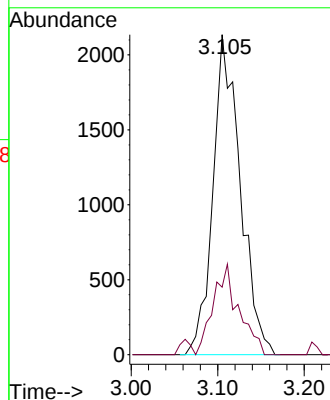
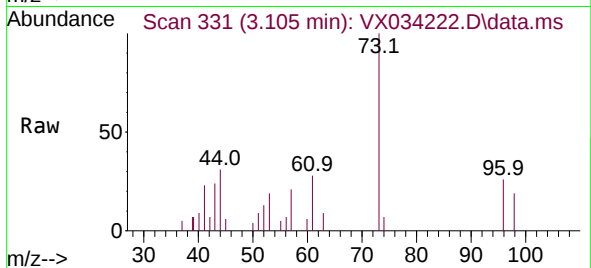
#19
Methyl tert-butyl Ether
Concen: 0.384 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 73 Resp: 468
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.0

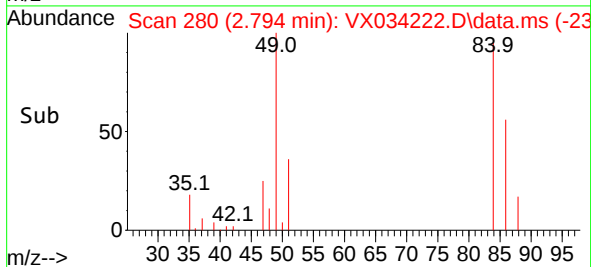
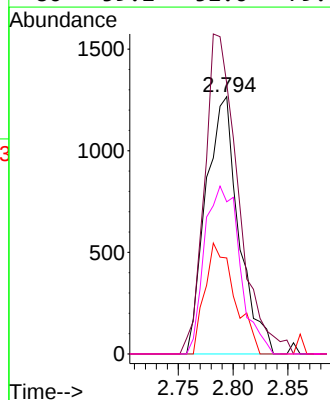
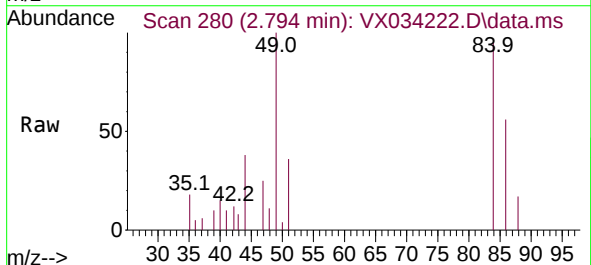
Manual Integrations
APPROVED

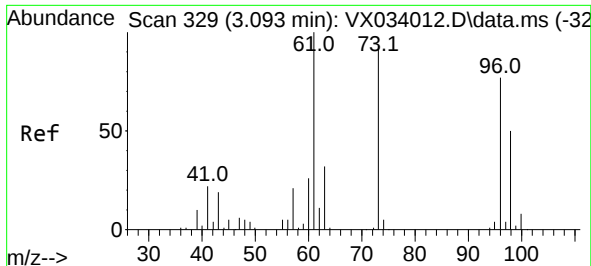
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 0.661 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

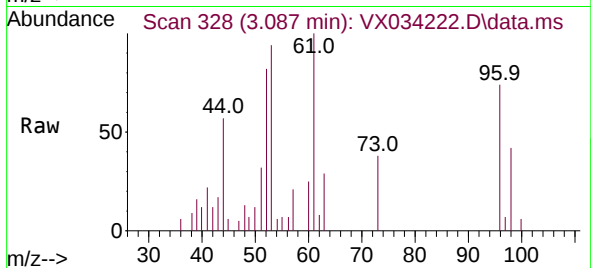
Tgt Ion: 84 Resp: 2644
Ion Ratio Lower Upper
84 100
49 105.1 101.1 151.7
51 37.4 31.0 46.6
86 59.2 52.6 79.0





#21
trans-1,2-Dichloroethene
Concen: 0.400 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

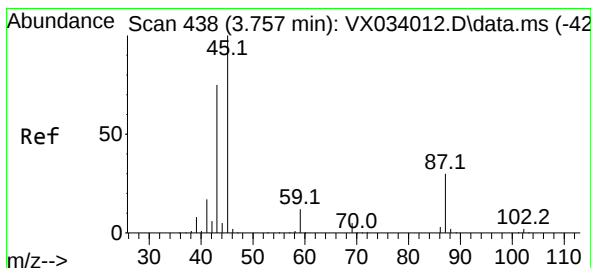
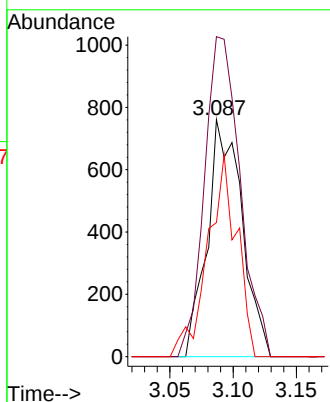
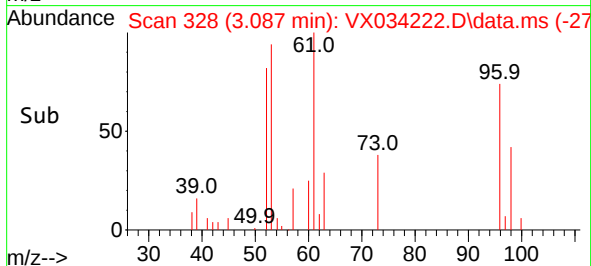
Instrument :
MSVOA_X
ClientSampleId :
MDL05



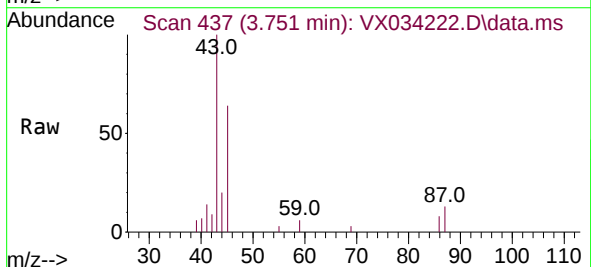
Tgt Ion: 96 Resp: 144
Ion Ratio Lower Upper
96 100
61 135.0 106.7 160.1
98 56.5 50.0 75.0

Manual Integrations
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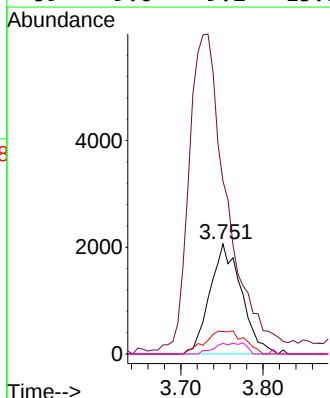
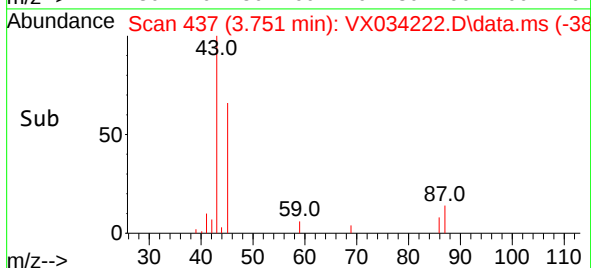
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

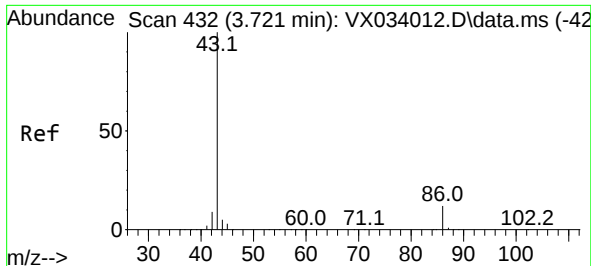


#22
Diisopropyl ether
Concen: 0.428 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30



Tgt Ion: 45 Resp: 5502
Ion Ratio Lower Upper
45 100
43 141.6 64.6 97.0#
87 20.4 21.9 32.9#
59 9.6 9.2 13.8





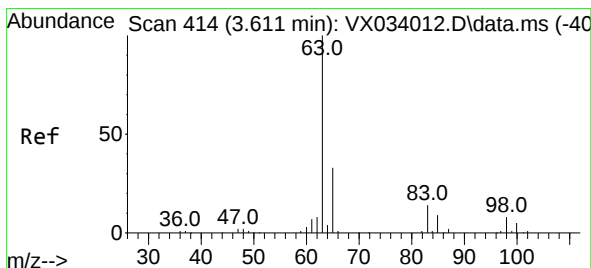
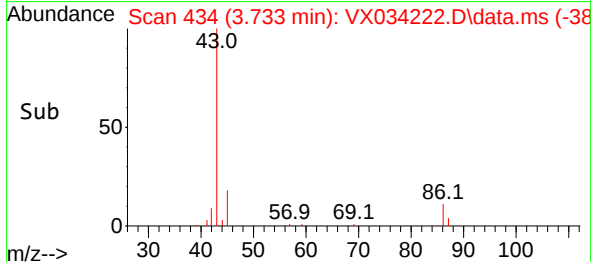
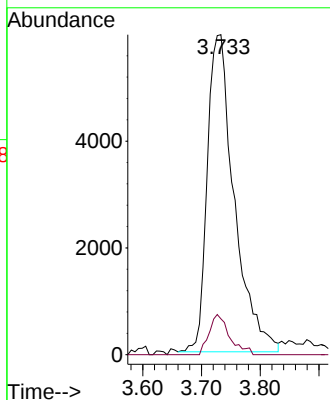
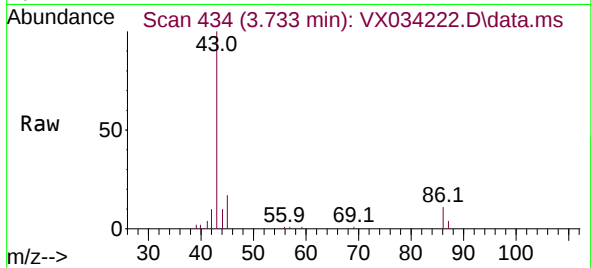
#23
Vinyl Acetate
Concen: 1.841 ug/l
RT: 3.733 min Scan# 41
Delta R.T. 0.018 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 43 Resp: 1894
Ion Ratio Lower Upper
43 100
86 11.3 8.4 12.6

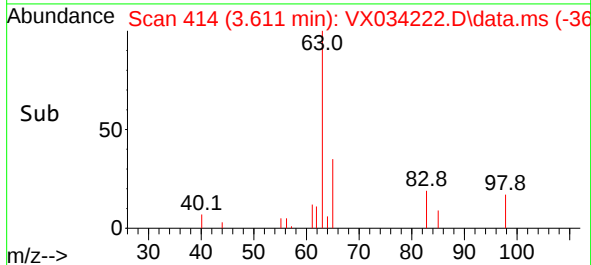
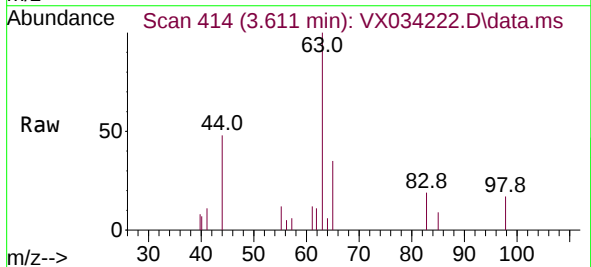
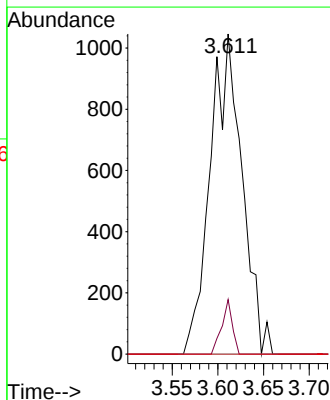
Manual Integrations
APPROVED

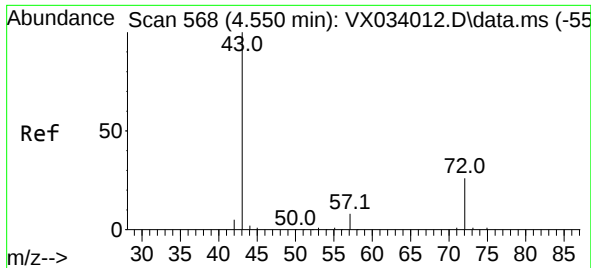
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#24
1,1-Dichloroethane
Concen: 0.359 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

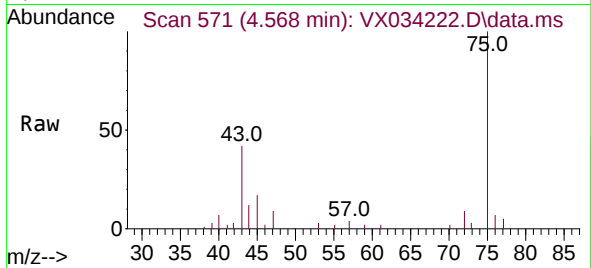
Tgt Ion: 63 Resp: 2533
Ion Ratio Lower Upper
63 100
98 17.0 3.8 11.2#
100 0.0 2.4 7.2#





#25
2-Butanone
Concen: 1.728 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

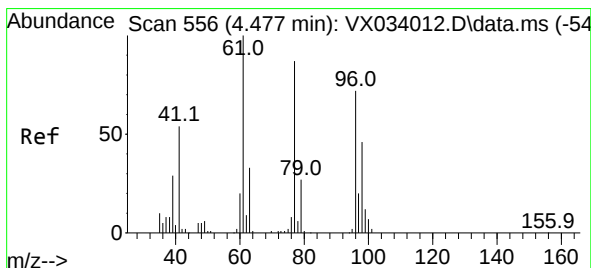
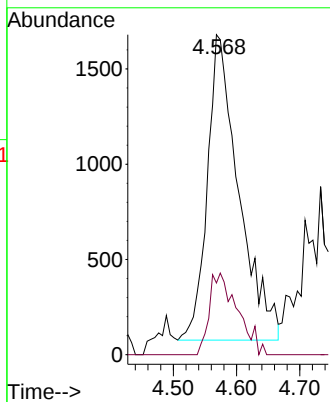
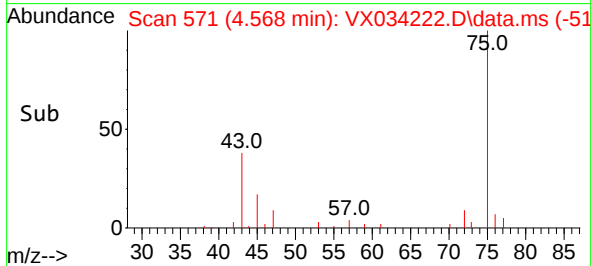
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 554
Ion Ratio Lower Upper
43 100
72 23.5 19.4 29.2

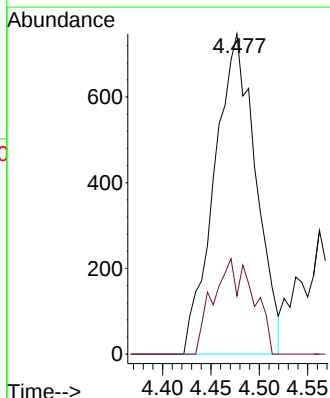
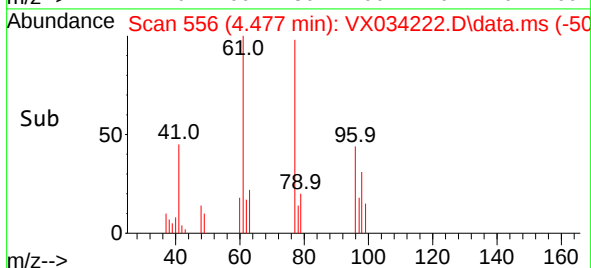
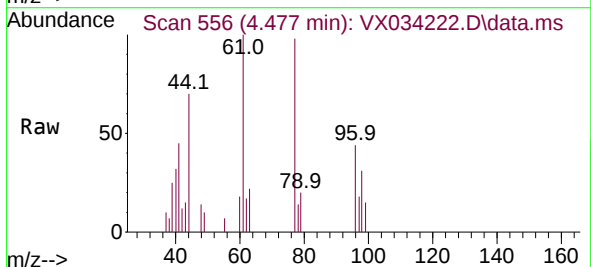
Manual Integrations
APPROVED

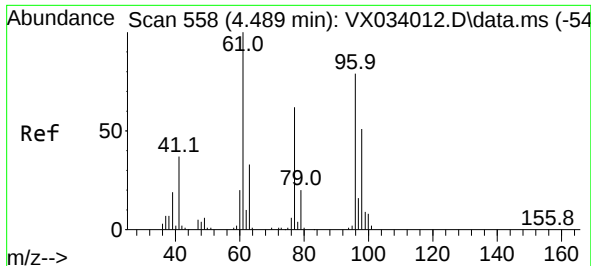
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 0.349 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 77 Resp: 2229
Ion Ratio Lower Upper
77 100
97 28.6 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 0.392 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 96 Resp: 1678

Ion Ratio Lower Upper

96 100

61 143.6 0.0 277.6

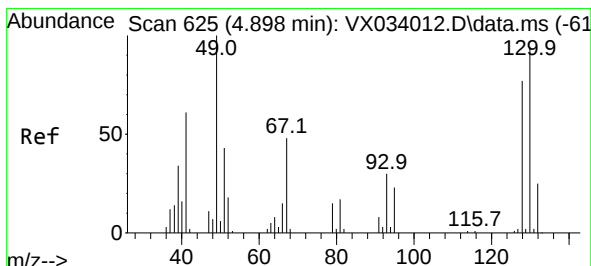
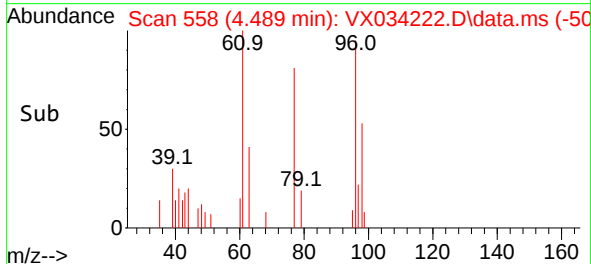
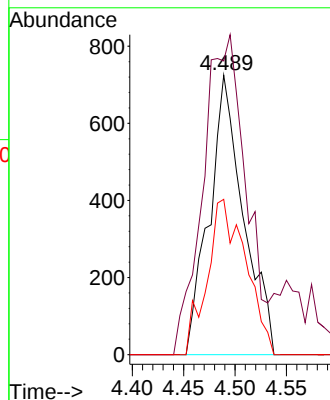
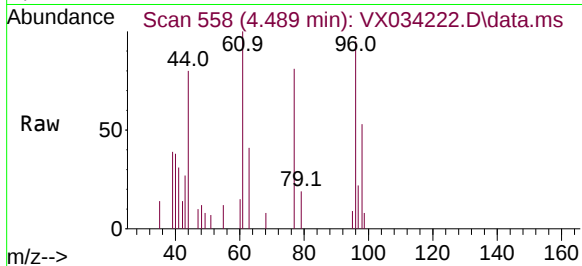
98 62.6 0.0 128.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#28

Bromochloromethane

Concen: 0.392 ug/l

RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

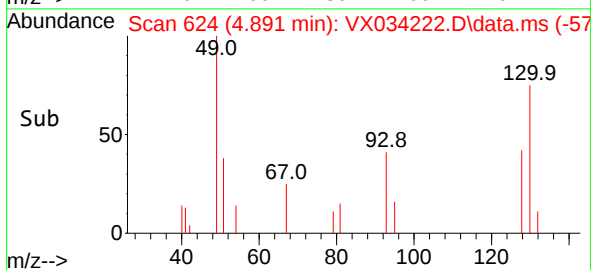
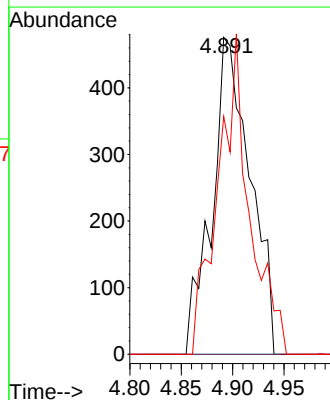
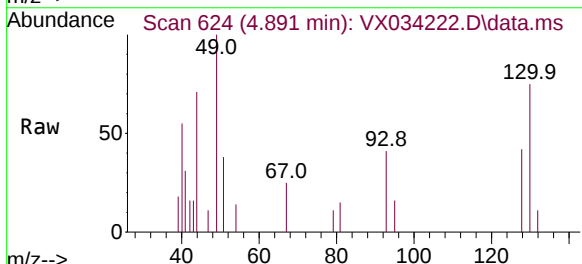
Tgt Ion: 49 Resp: 1234

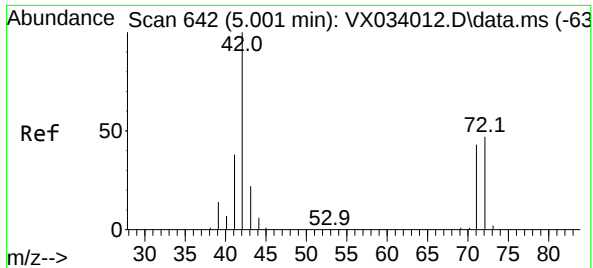
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 83.2 68.5 102.7





#29

Tetrahydrofuran

Concen: 1.943 ug/l

RT: 5.013 min Scan# 642

Delta R.T. 0.018 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

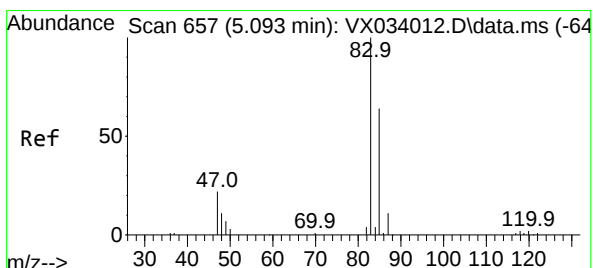
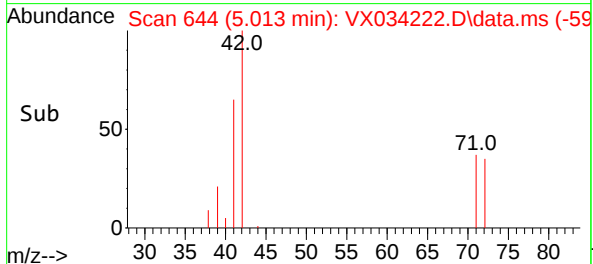
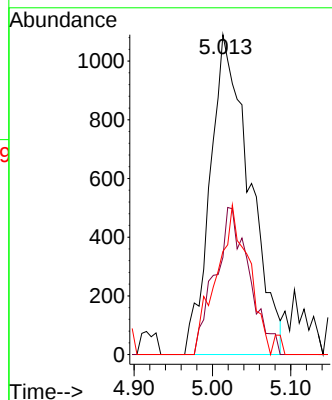
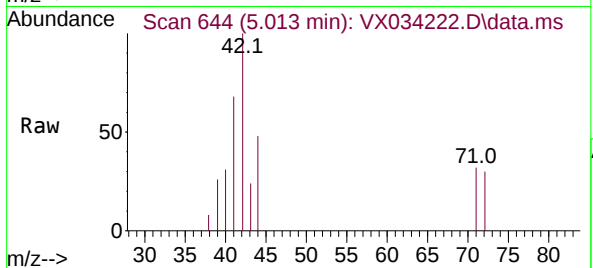
Tgt Ion: 42	Resp: 3804
Ion Ratio	Lower Upper
42 100	
72 40.1	34.8 52.2
71 38.2	32.2 48.2

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 0.422 ug/l

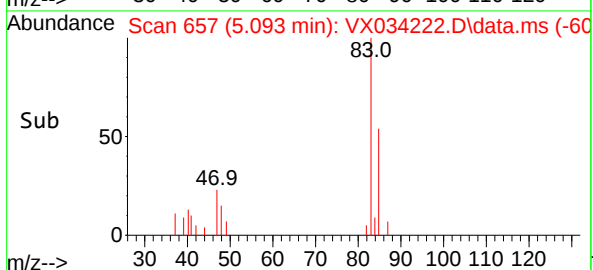
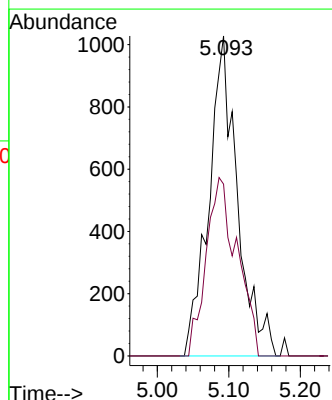
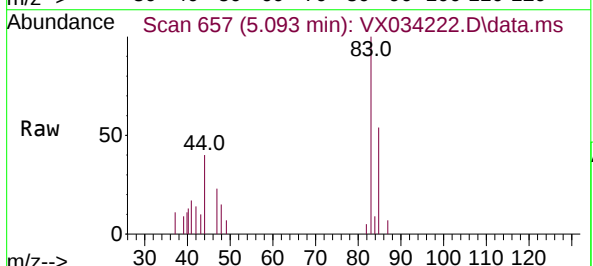
RT: 5.093 min Scan# 657

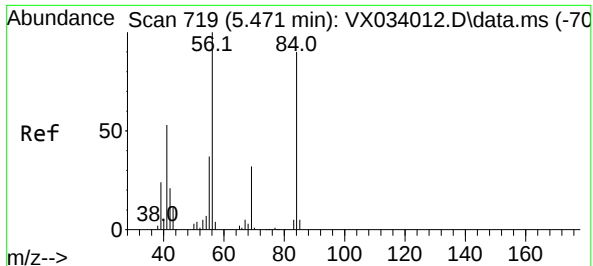
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

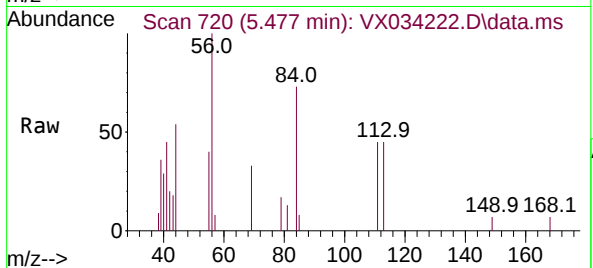
Tgt Ion: 83	Resp: 2857
Ion Ratio	Lower Upper
83 100	
85 53.7	52.1 78.1





#31
Cyclohexane
Concen: 0.373 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

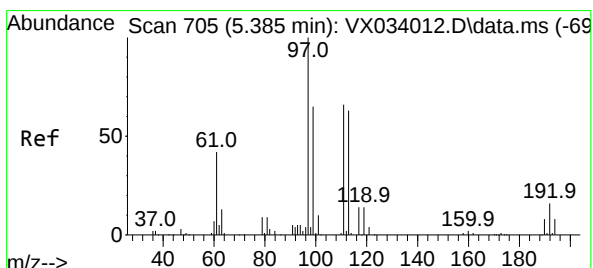
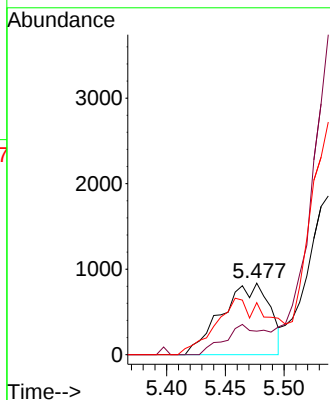
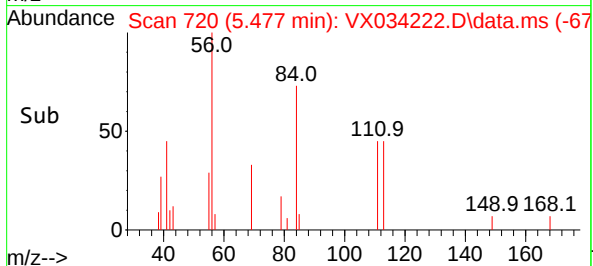
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 56 Resp: 2392
Ion Ratio Lower Upper
56 100
69 33.0 24.6 37.0
84 72.8 71.0 106.6

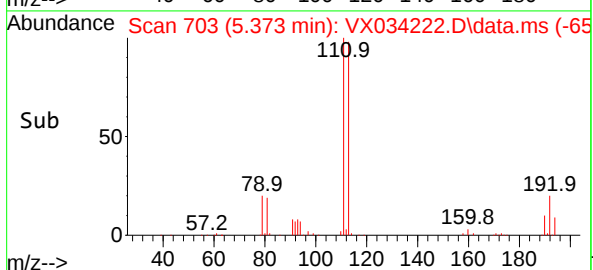
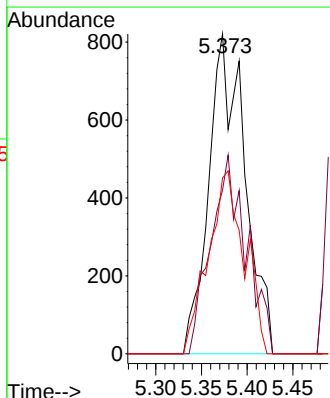
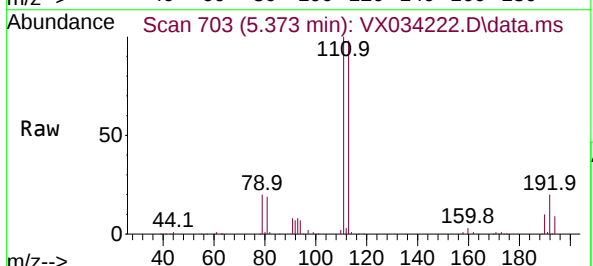
Manual Integrations
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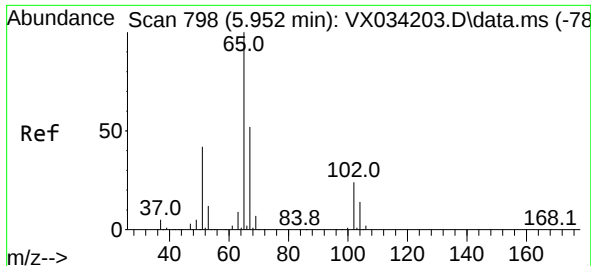
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 0.372 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 97 Resp: 2258
Ion Ratio Lower Upper
97 100
99 0.0 52.3 78.5#
61 57.4 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 44.314 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 65 Resp: 190579

Ion Ratio Lower Upper

65 100

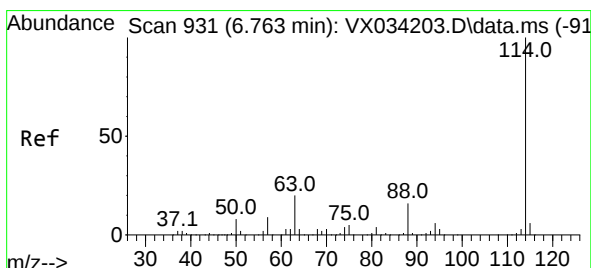
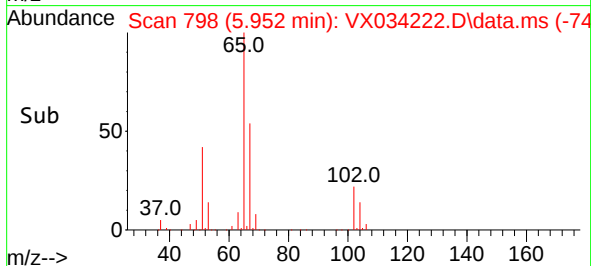
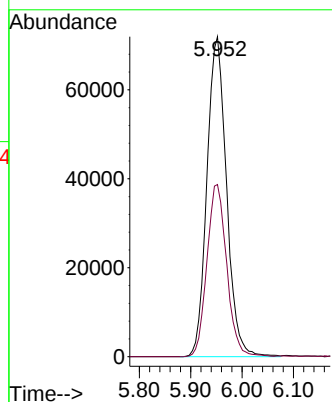
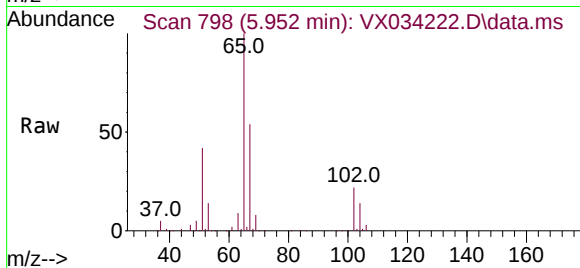
67 54.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

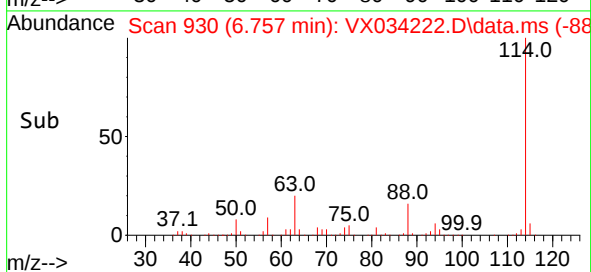
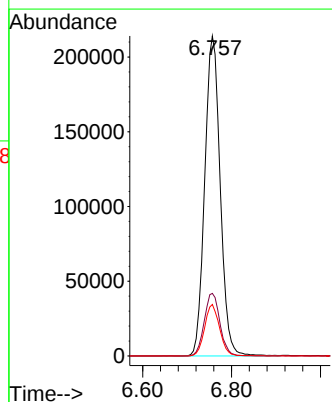
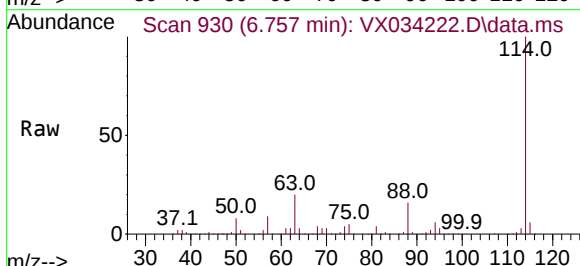
Tgt Ion:114 Resp: 519527

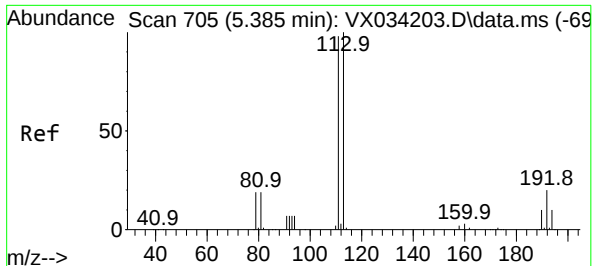
Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.463 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion:113 Resp: 16393

Ion Ratio Lower Upper

113 100

111 102.9 83.0 124.6

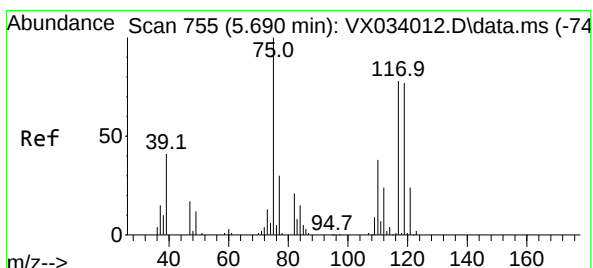
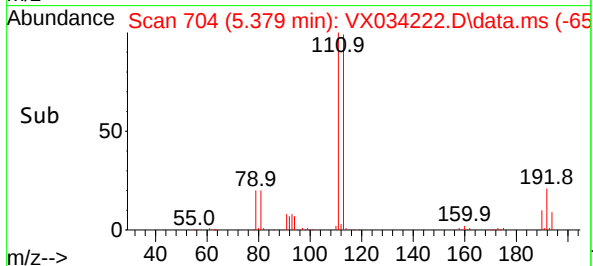
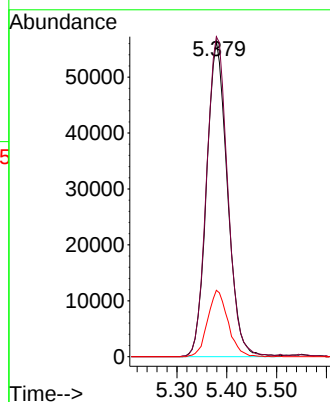
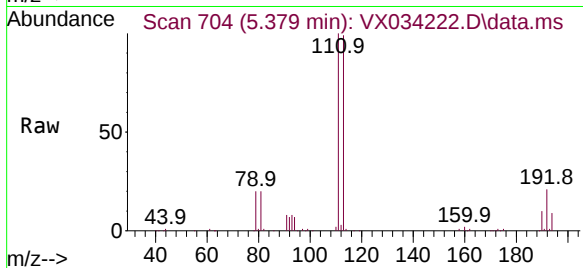
192 20.5 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#36

1,1-Dichloropropene

Concen: 0.417 ug/l

RT: 5.702 min Scan# 757

Delta R.T. 0.012 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

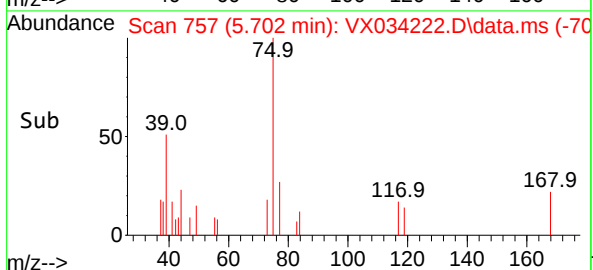
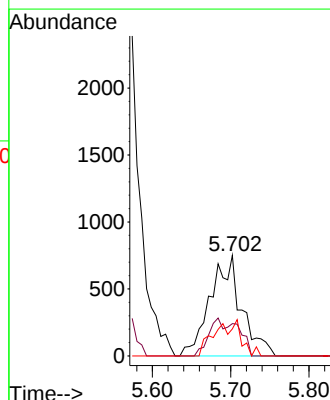
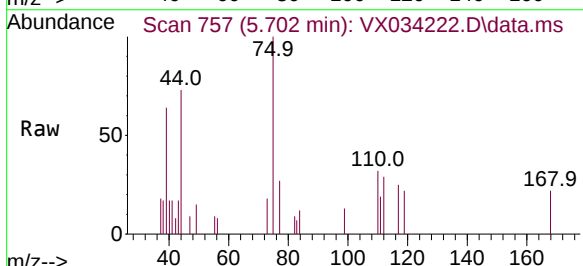
Tgt Ion: 75 Resp: 2085

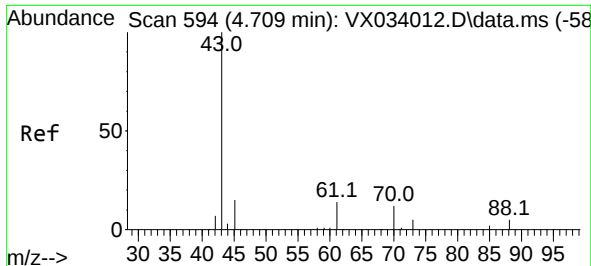
Ion Ratio Lower Upper

75 100

110 21.3 18.8 56.4

77 17.7 25.1 37.7#





#37

Ethyl Acetate

Concen: 0.532 ug/l m

RT: 4.733 min Scan# 594

Delta R.T. 0.025 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

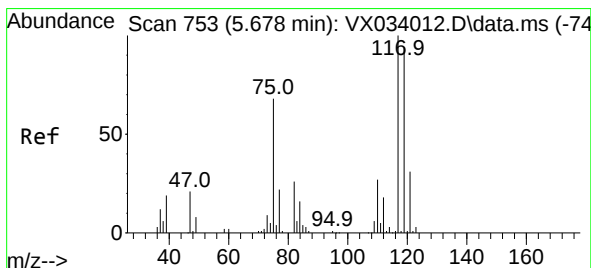
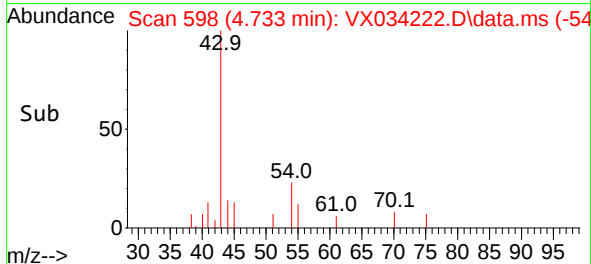
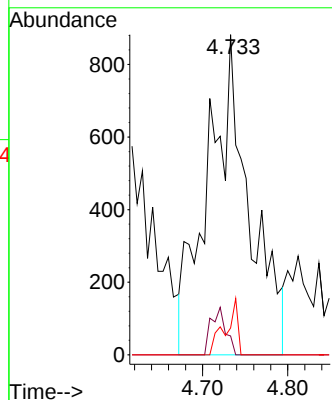
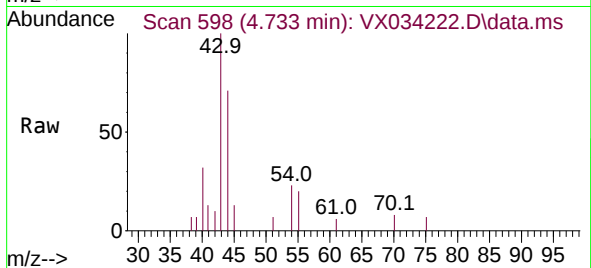
Tgt Ion: 43	Resp: 297
Ion Ratio	Lower Upper
43 100	
61 0.0	11.1 16.7
70 0.0	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#38

Carbon Tetrachloride

Concen: 0.442 ug/l

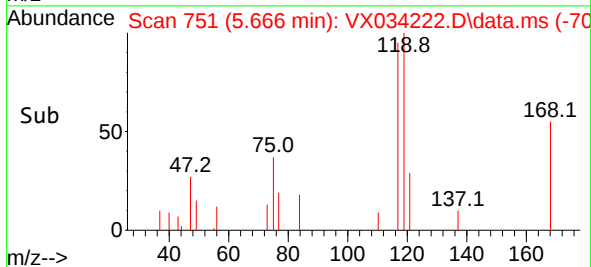
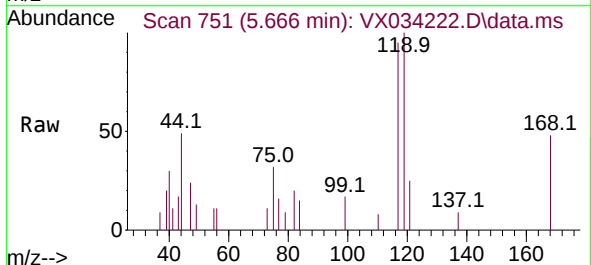
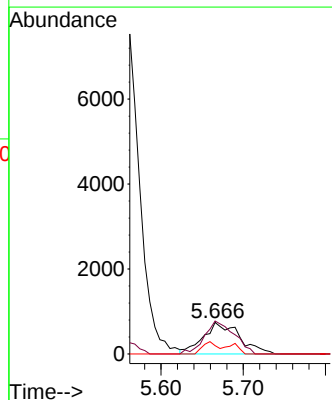
RT: 5.666 min Scan# 751

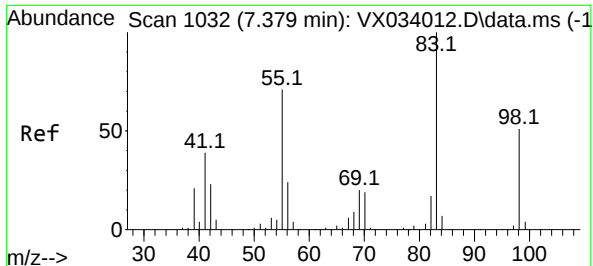
Delta R.T. -0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Tgt Ion:117	Resp: 2276
Ion Ratio	Lower Upper
117 100	
119 104.7	78.0 117.0
121 26.5	24.4 36.6





#39

Methylcyclohexane

Concen: 0.374 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

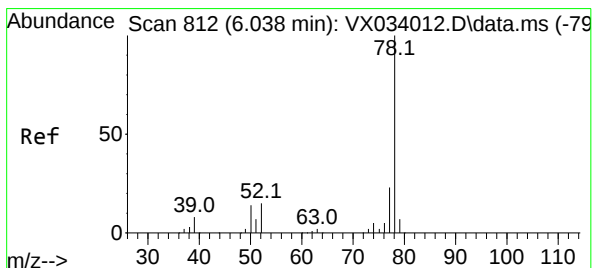
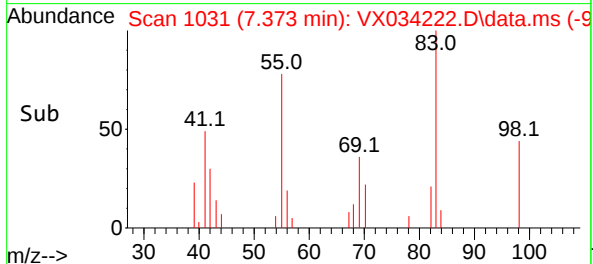
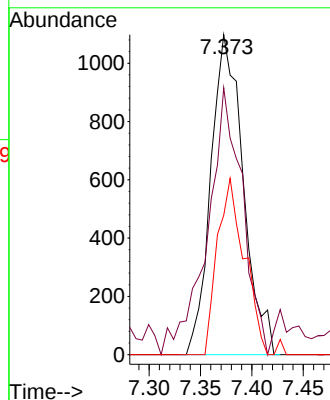
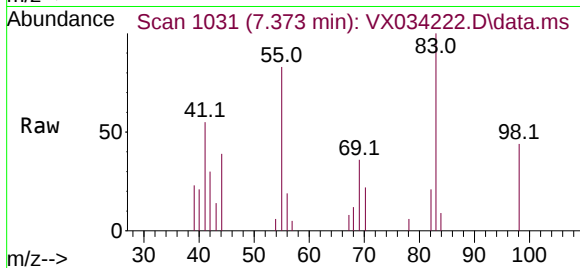
Tgt Ion: 83	Resp: 240
Ion Ratio	Lower Upper
83 100	
55 73.2	61.8 92.6
98 43.5	39.3 58.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 0.393 ug/l

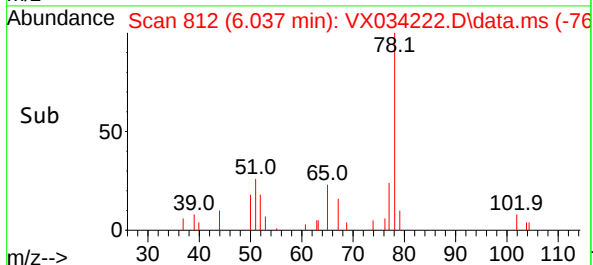
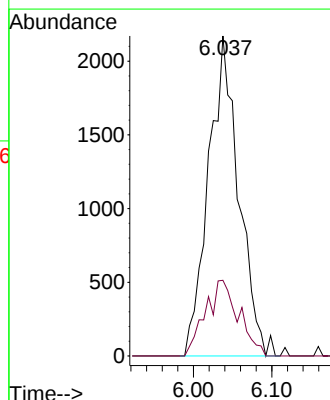
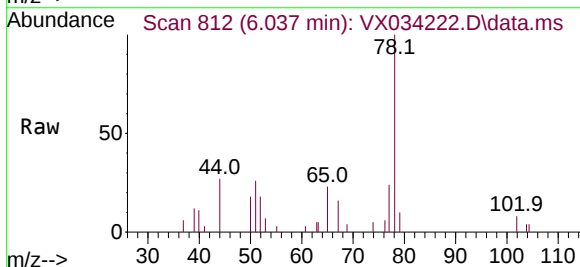
RT: 6.037 min Scan# 812

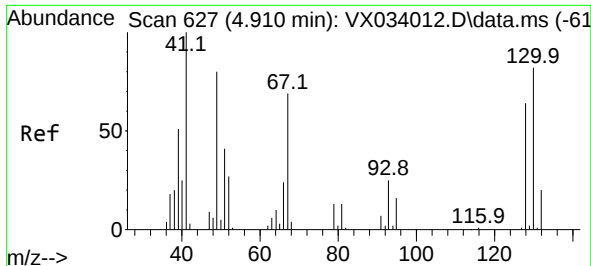
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

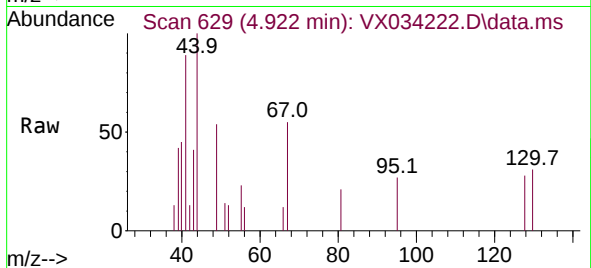
Tgt Ion: 78	Resp: 5831
Ion Ratio	Lower Upper
78 100	
77 23.7	19.0 28.4





#41
Methacrylonitrile
Concen: 0.423 ug/l m
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

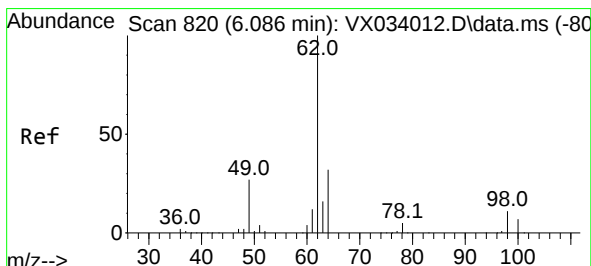
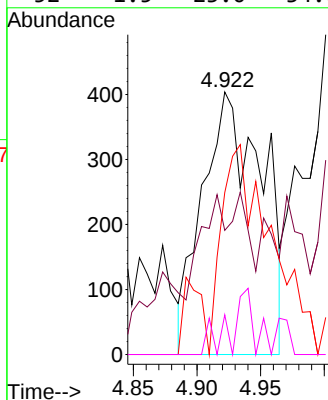
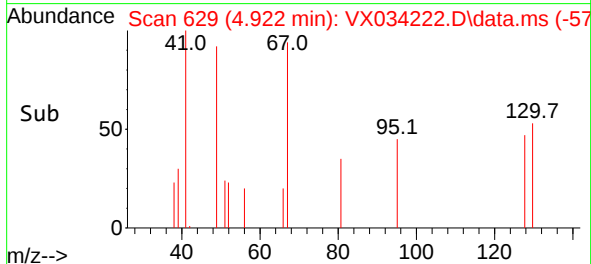
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 41 Resp: 1319
Ion Ratio Lower Upper
41 100
39 15.6 43.8 65.6
67 0.0 54.8 82.2
52 1.5 23.0 34.6

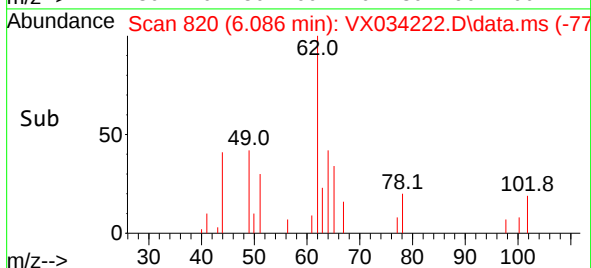
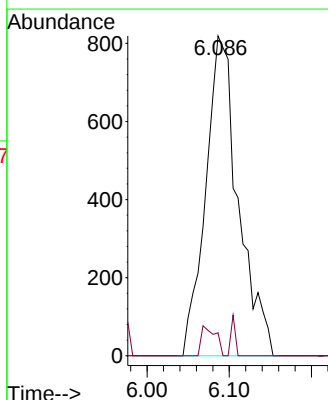
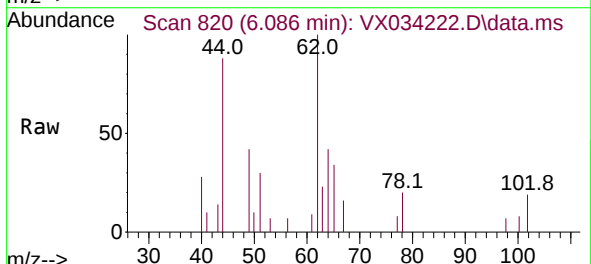
Manual Integrations
APPROVED

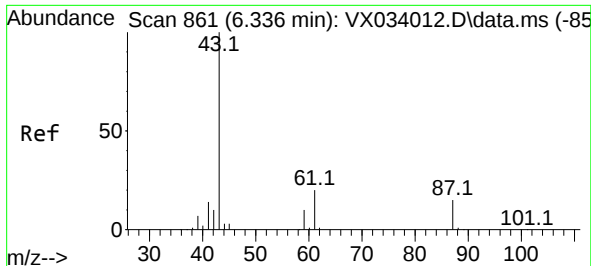
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 0.434 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

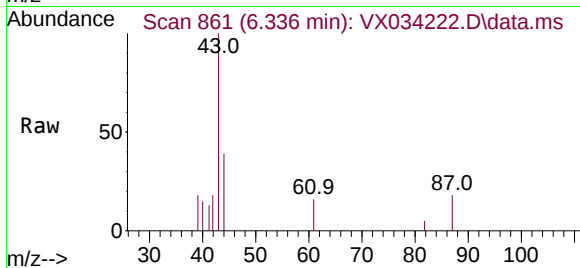
Tgt Ion: 62 Resp: 2265
Ion Ratio Lower Upper
62 100
98 4.2 0.0 20.2





#43
Isopropyl Acetate
Concen: 0.372 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

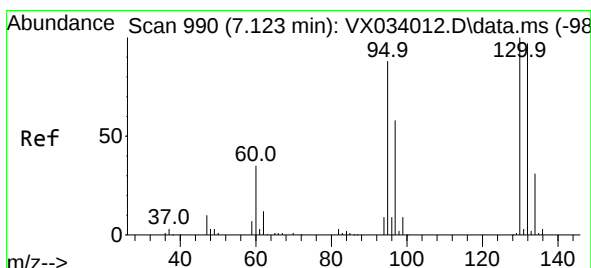
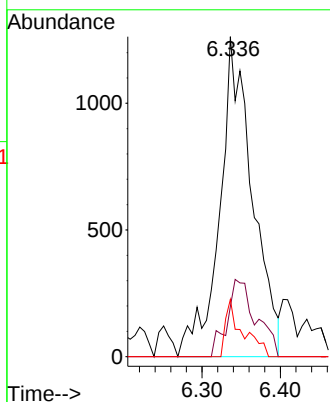
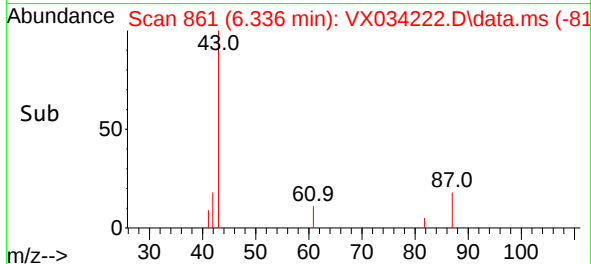
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 3674
Ion Ratio Lower Upper
43 100
61 21.3 15.7 23.5
87 9.4 10.6 15.8

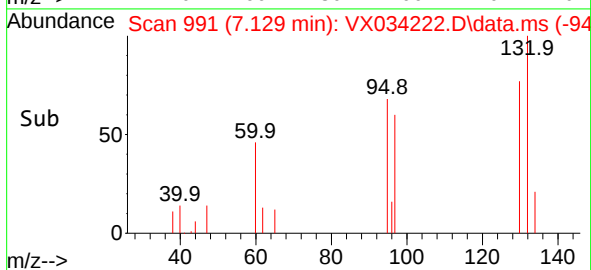
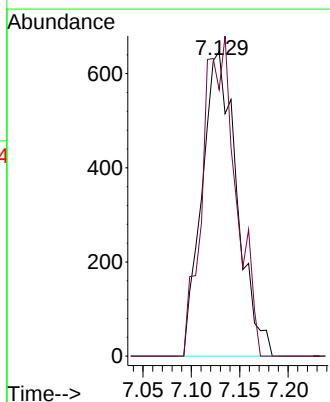
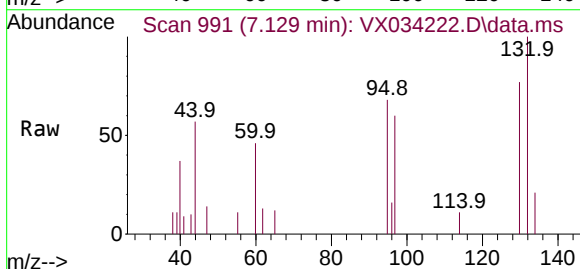
Manual Integrations
APPROVED

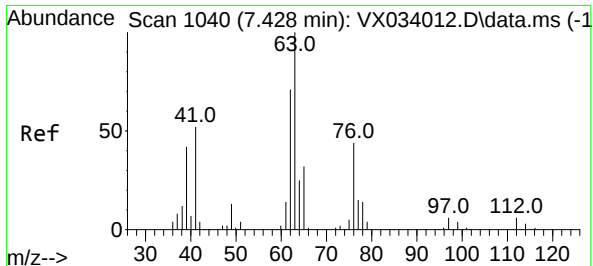
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
Trichloroethene
Concen: 0.426 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:130 Resp: 1621
Ion Ratio Lower Upper
130 100
95 87.5 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.426 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 63 Resp: 168

Ion Ratio Lower Upper

63 100

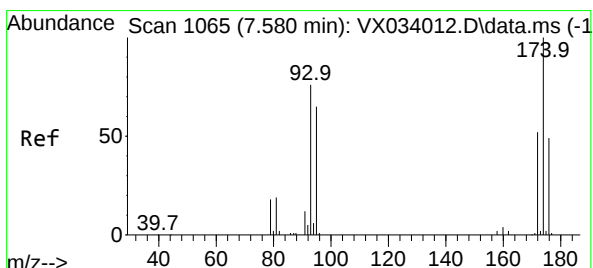
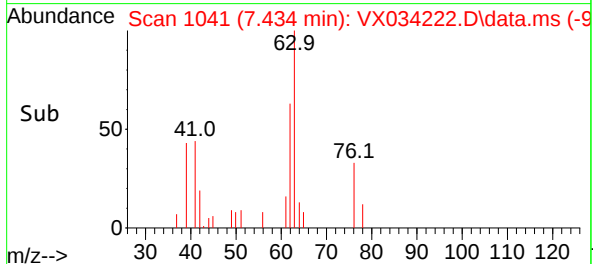
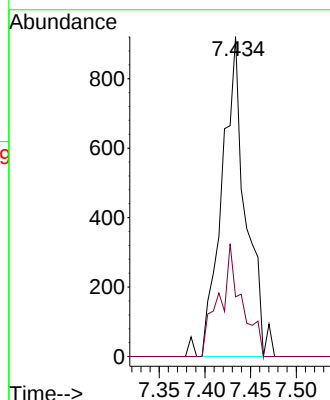
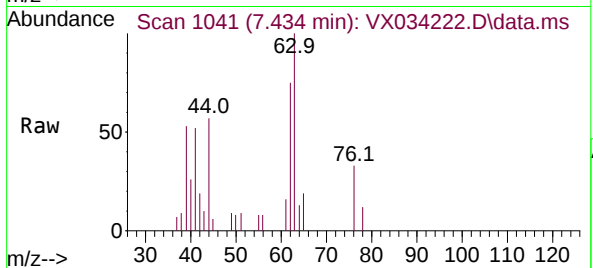
65 18.7 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 0.451 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

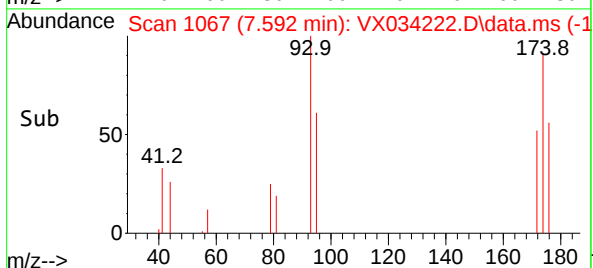
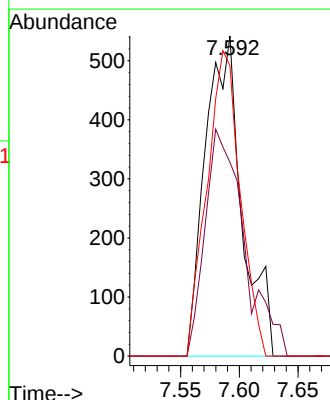
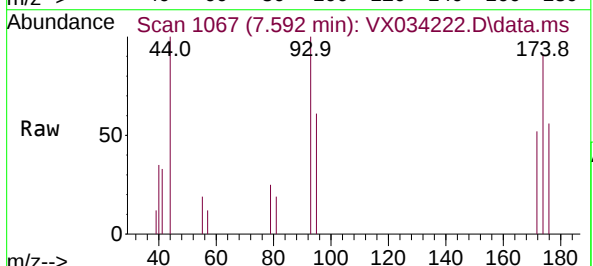
Tgt Ion: 93 Resp: 1172

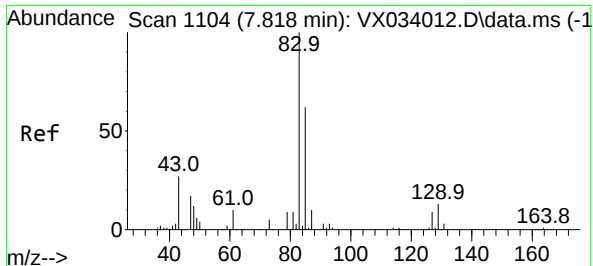
Ion Ratio Lower Upper

93 100

95 76.1 67.6 101.4

174 87.2 97.4 146.0#





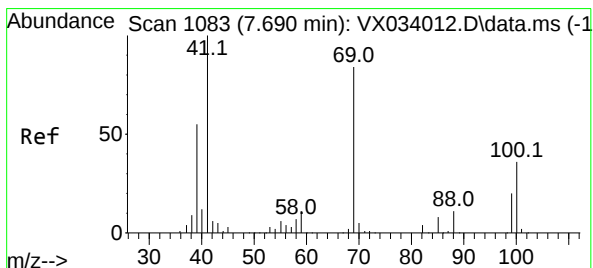
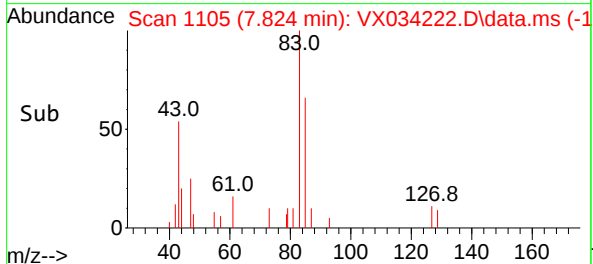
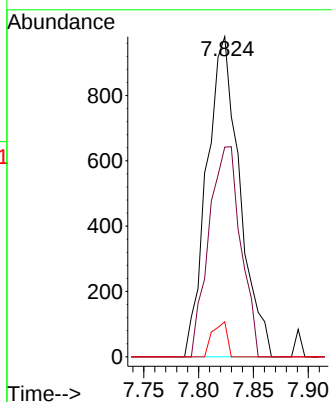
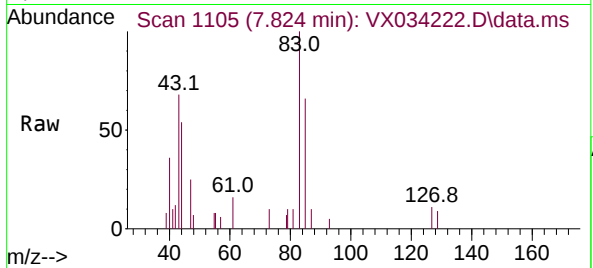
#47
Bromodichloromethane
Concen: 0.383 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 83 Resp: 204
Ion Ratio Lower Upper
83 100
85 65.5 49.8 74.6
127 10.9 7.0 10.4

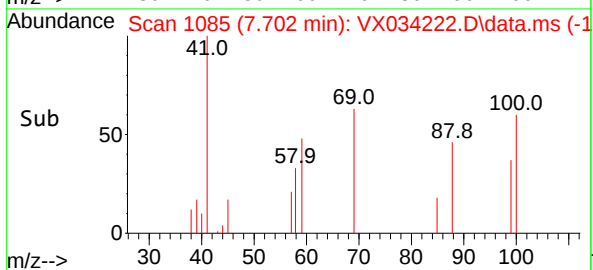
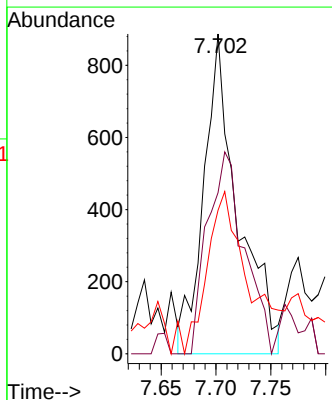
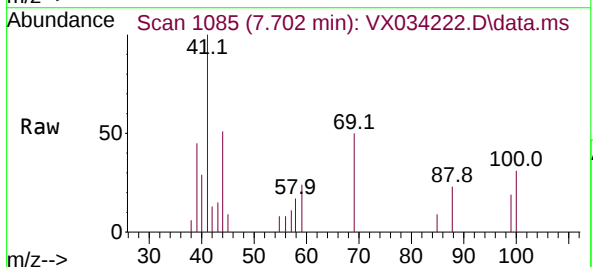
Manual Integrations
APPROVED

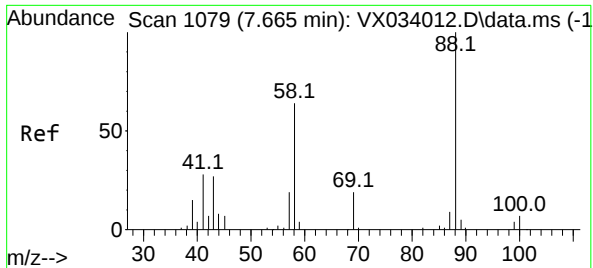
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#48
Methyl methacrylate
Concen: 0.412 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 41 Resp: 1929
Ion Ratio Lower Upper
41 100
69 67.9 63.1 94.7
39 63.1 43.2 64.8





#49

1,4-Dioxane

Concen: 6.874 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.043 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

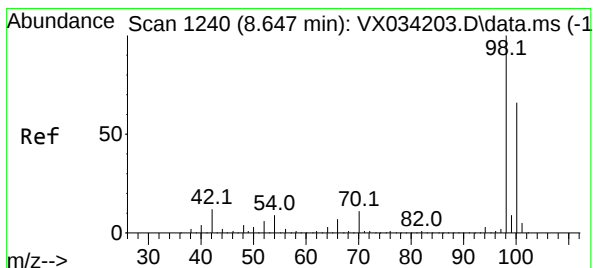
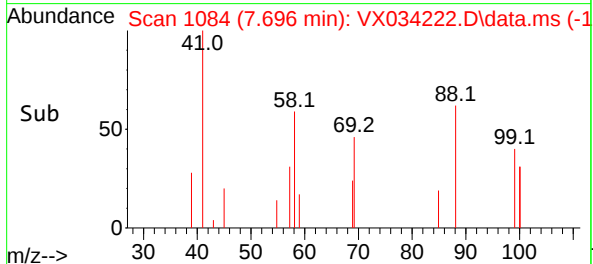
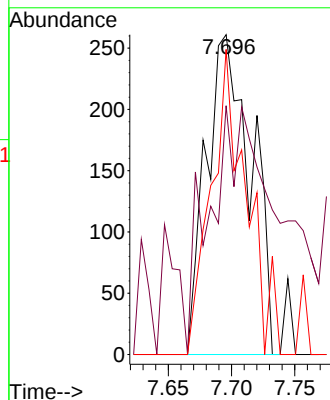
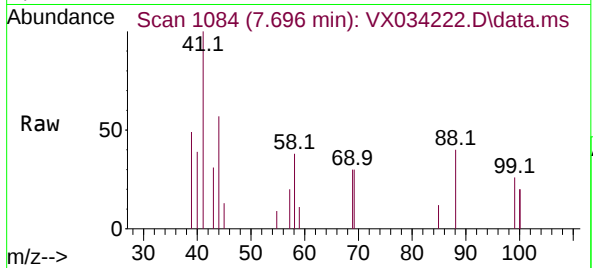
Tgt Ion:	88	Resp:	64
Ion	Ratio	Lower	Upper
88	100		
43	122.6	0.0	0.0
58	75.4	56.5	84.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 49.871 ug/l

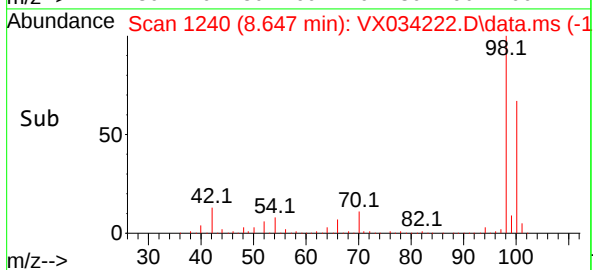
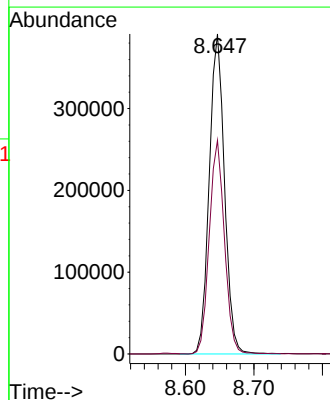
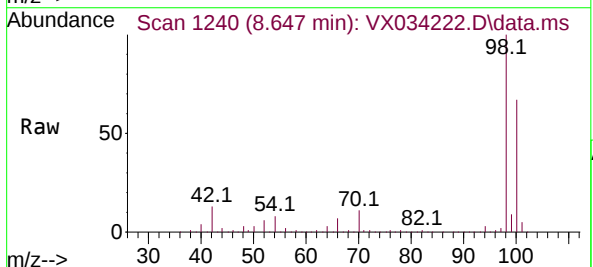
RT: 8.647 min Scan# 1240

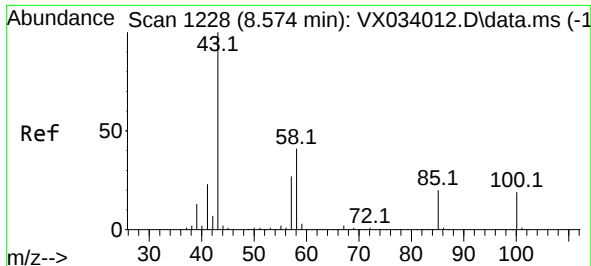
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

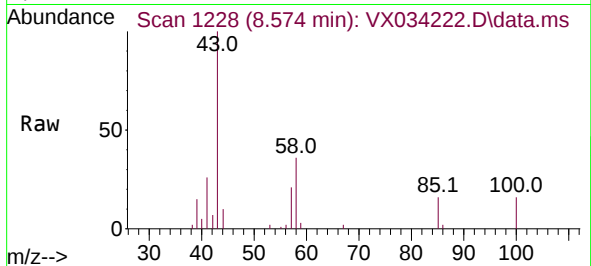
Tgt Ion:	98	Resp:	605670
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.6	80.4





#51
4-Methyl-2-Pentanone
Concen: 1.906 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

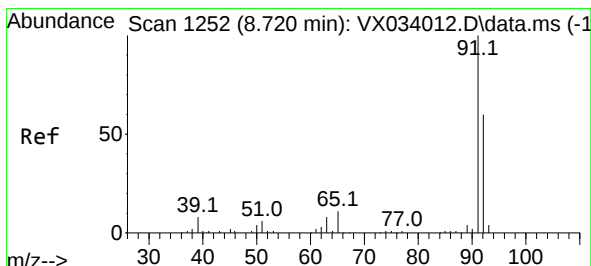
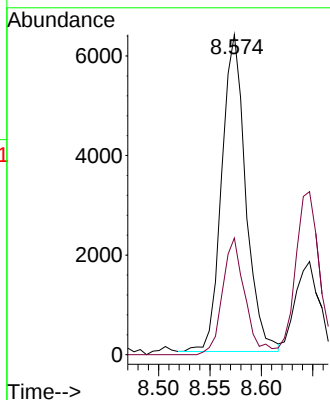
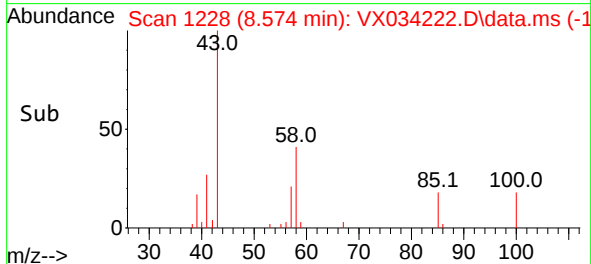
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 10340
Ion Ratio Lower Upper
43 100
58 34.2 31.2 46.8

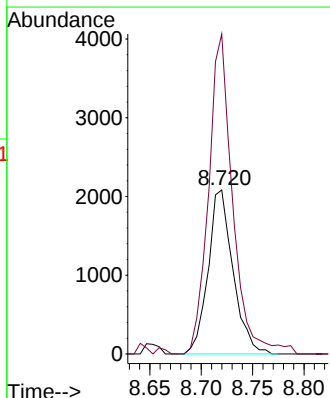
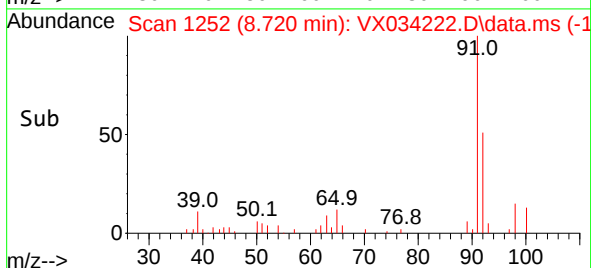
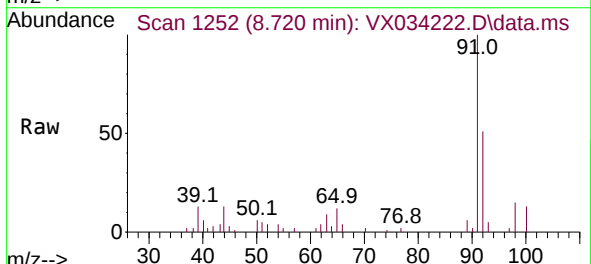
Manual Integrations
APPROVED

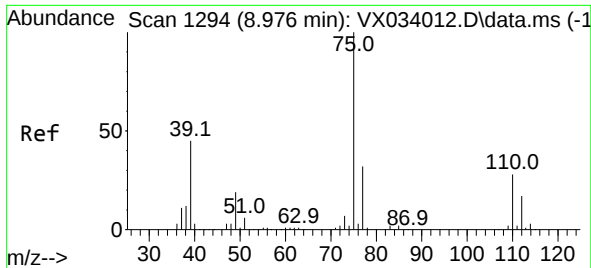
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Toluene
Concen: 0.391 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 92 Resp: 3510
Ion Ratio Lower Upper
92 100
91 189.2 135.5 203.3





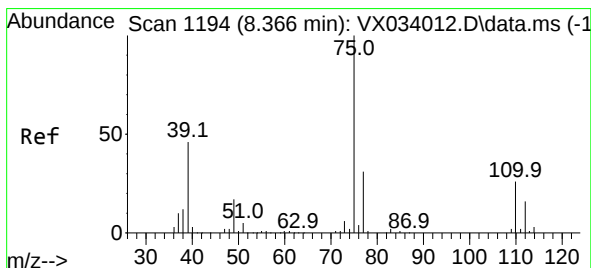
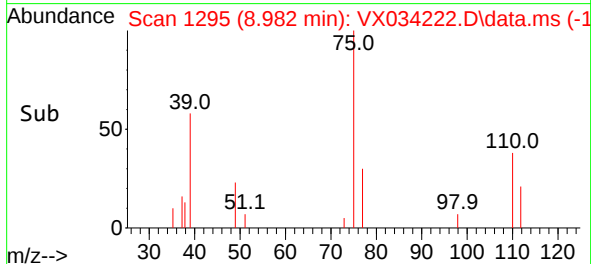
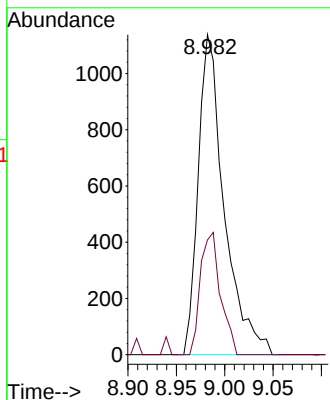
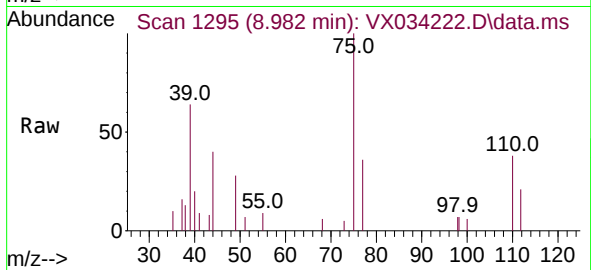
#53
t-1,3-Dichloropropene
Concen: 0.347 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
77 35.9 25.5 38.3

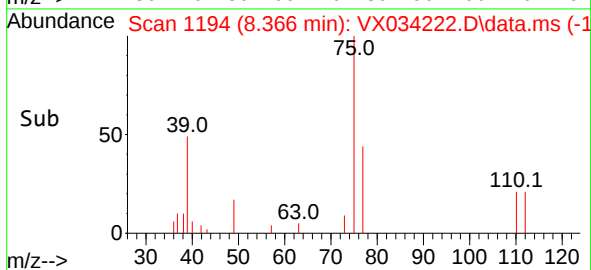
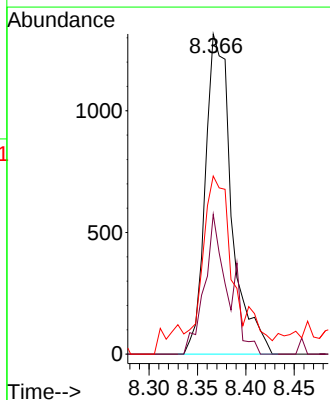
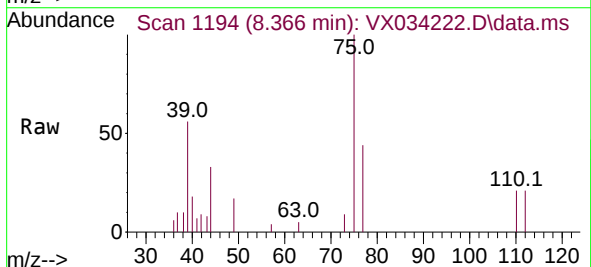
Manual Integrations
APPROVED

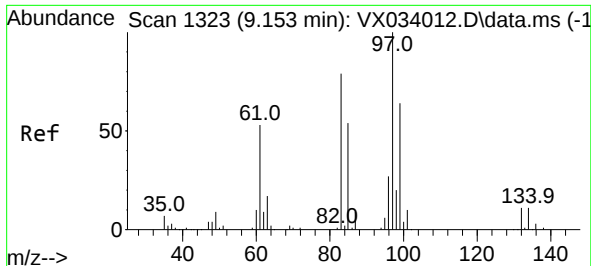
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#54
cis-1,3-Dichloropropene
Concen: 0.379 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

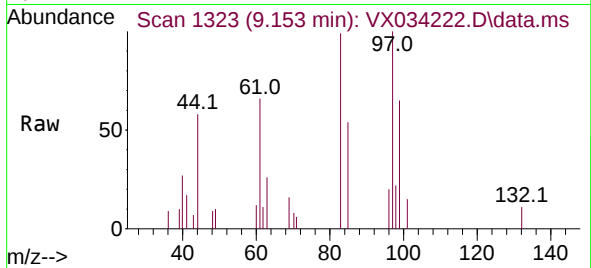
Tgt Ion: 75 Resp: 2488
Ion Ratio Lower Upper
75 100
77 43.6 25.0 37.6#
39 49.2 38.6 58.0





#55
1,1,2-Trichloroethane
Concen: 0.378 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

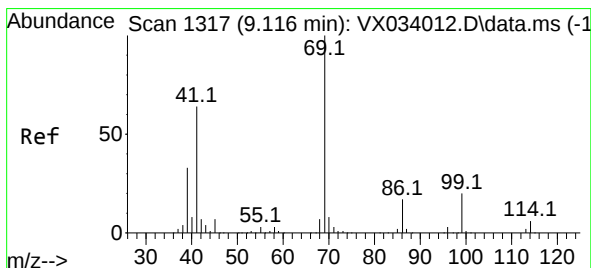
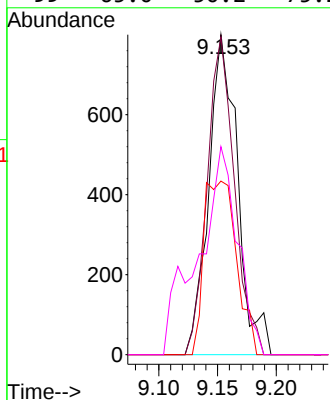
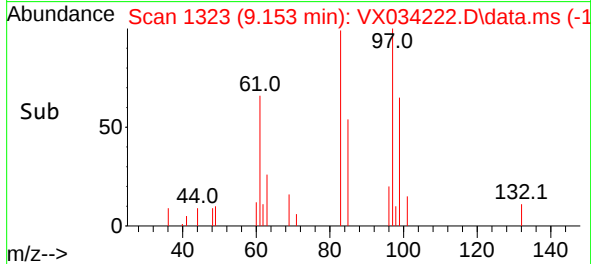


Tgt Ion: 97 Resp: 1370

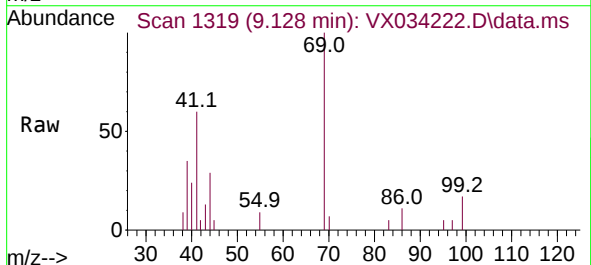
Ion	Ratio	Lower	Upper
97	100		
83	99.3	67.4	101.0
85	54.3	43.2	64.8
99	65.0	50.2	75.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

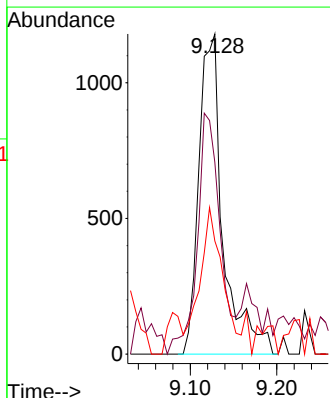
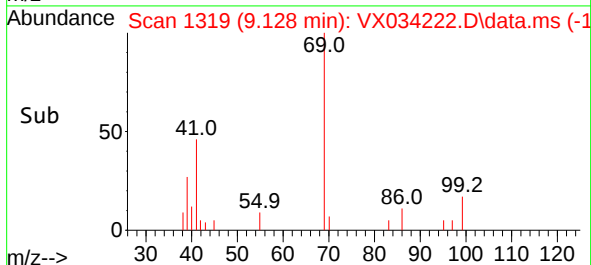


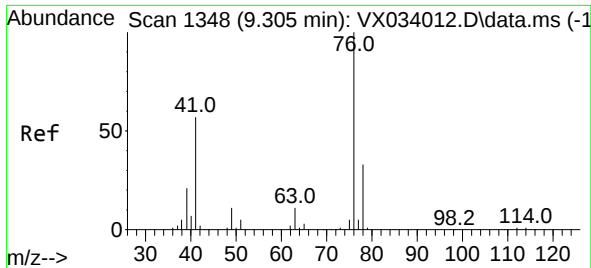
#56
Ethyl methacrylate
Concen: 0.372 ug/l
RT: 9.128 min Scan# 1319
Delta R.T. 0.012 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30



Tgt Ion: 69 Resp: 2283

Ion	Ratio	Lower	Upper
69	100		
41	71.2	55.1	82.7
39	37.1	28.5	42.7





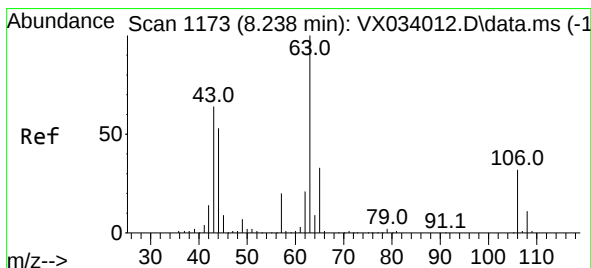
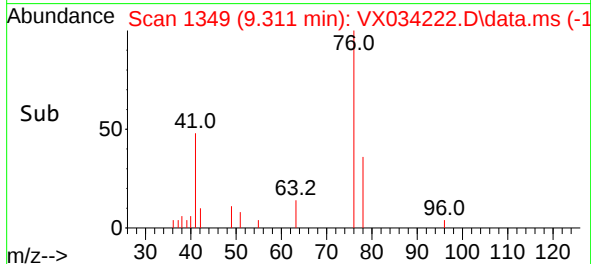
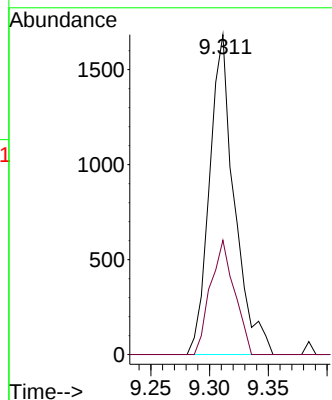
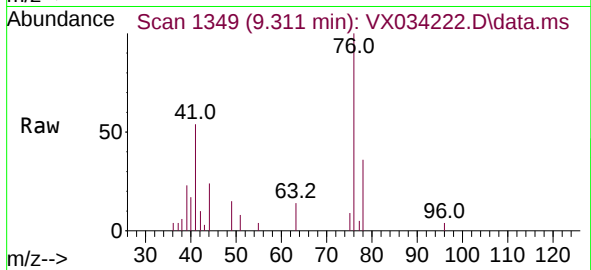
#57
1,3-Dichloropropane
Concen: 0.394 ug/l
RT: 9.311 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 76 Resp: 248
Ion Ratio Lower Upper
76 100
78 34.4 25.6 38.4

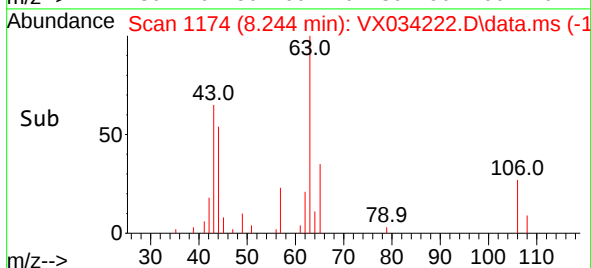
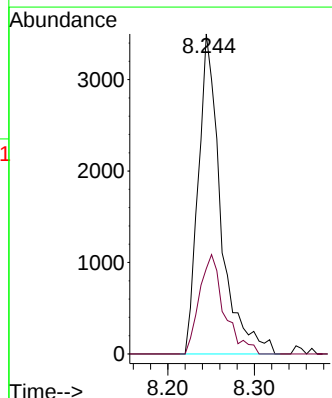
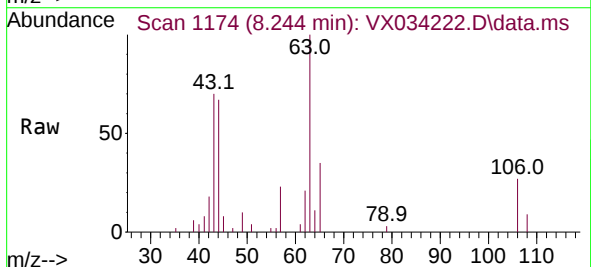
Manual Integrations
APPROVED

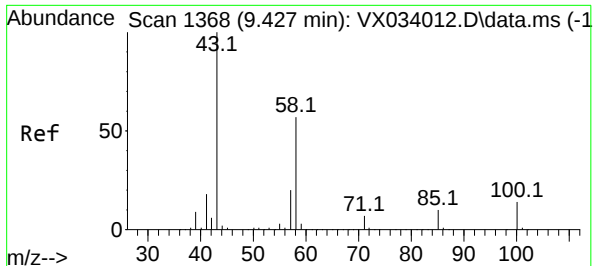
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 2.373 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

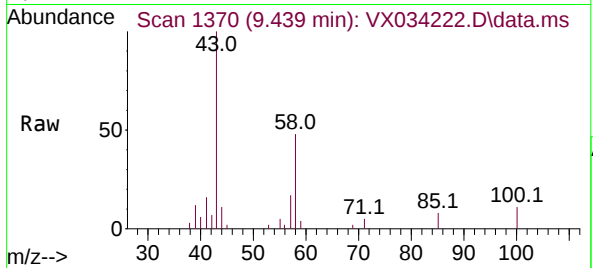
Tgt Ion: 63 Resp: 6304
Ion Ratio Lower Upper
63 100
106 34.3 24.5 36.7





#59
2-Hexanone
Concen: 1.642 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.012 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

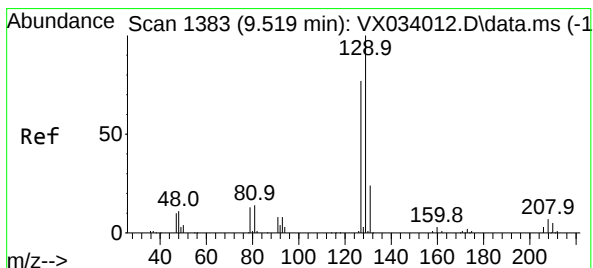
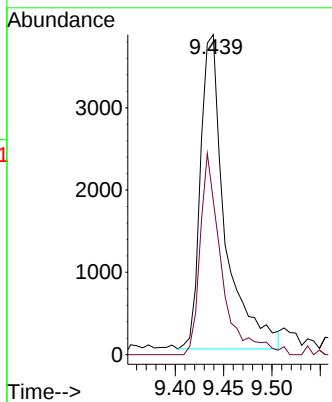
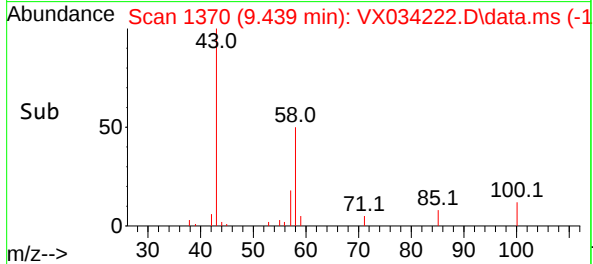
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion: 43 Resp: 679
Ion Ratio Lower Upper
43 100
58 55.8 27.4 82.0

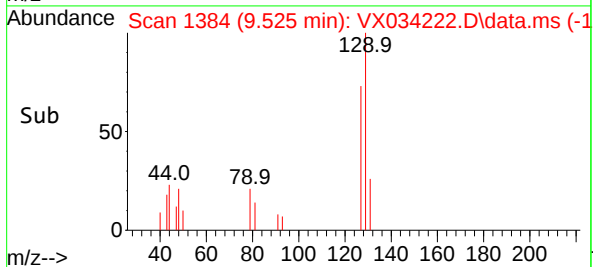
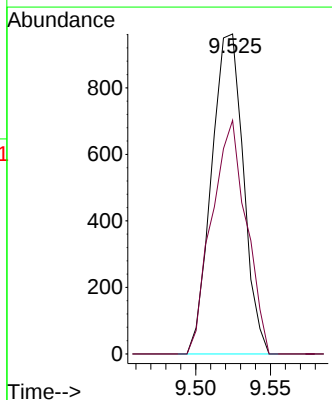
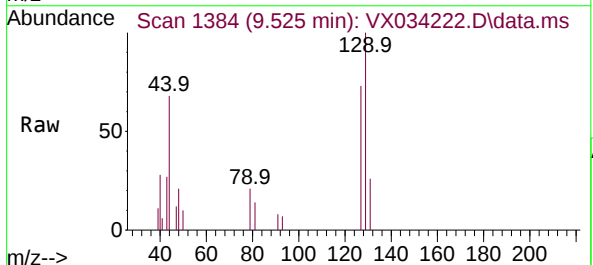
Manual Integrations
APPROVED

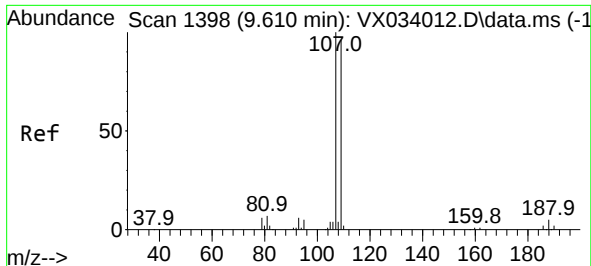
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 0.356 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

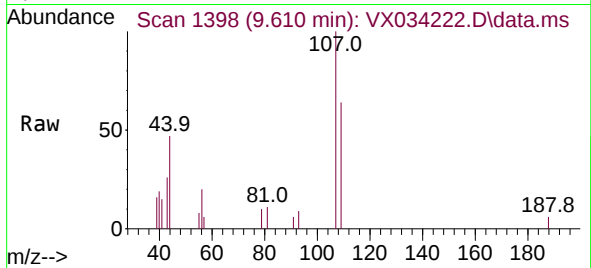
Tgt Ion:129 Resp: 1428
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.3





#61
1,2-Dibromoethane
Concen: 0.358 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

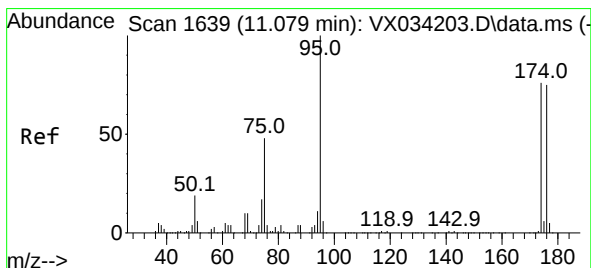
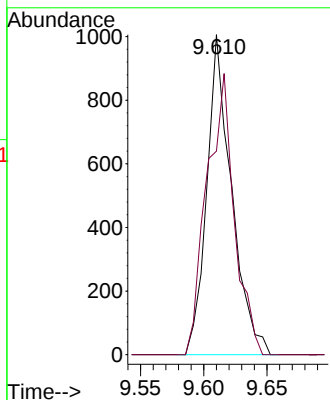
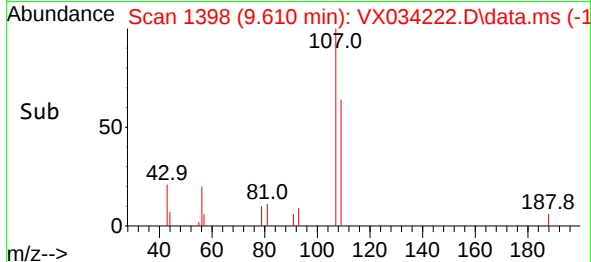
Instrument :
MSVOA_X
ClientSampleId :
MDL05



Tgt Ion:107 Resp: 137
Ion Ratio Lower Upper
107 100
109 97.1 74.2 111.2

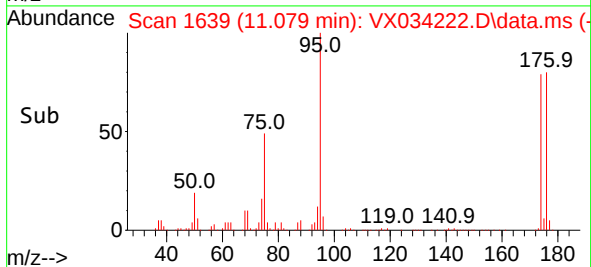
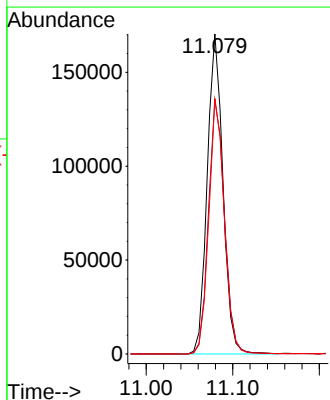
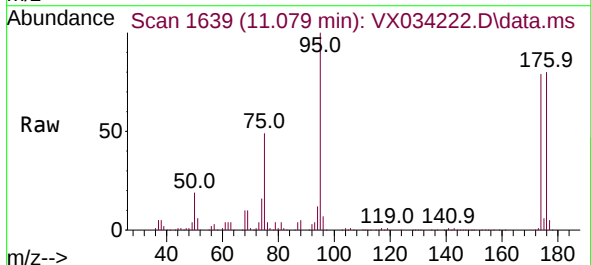
Manual Integrations
APPROVED

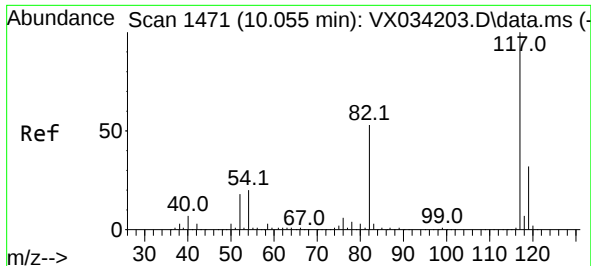
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 46.228 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 95 Resp: 214751
Ion Ratio Lower Upper
95 100
174 81.2 0.0 184.4
176 78.9 0.0 178.8





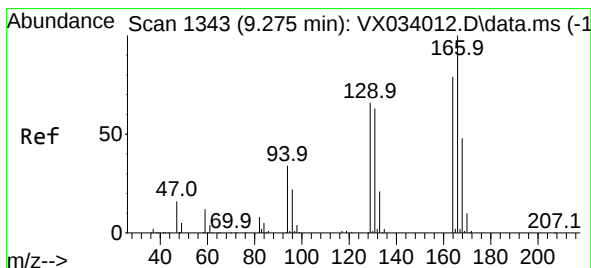
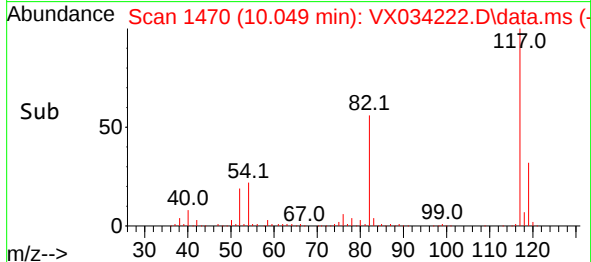
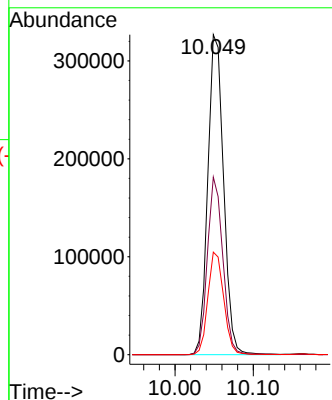
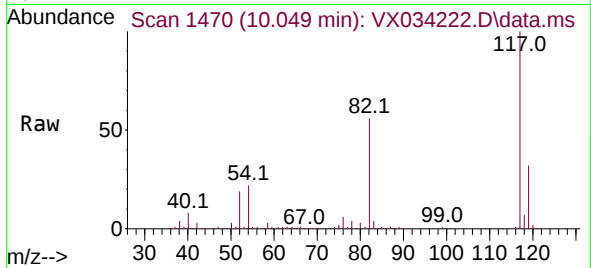
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:117 Resp: 45618
Ion Ratio Lower Upper
117 100
82 55.5 40.6 60.8
119 32.0 25.6 38.4

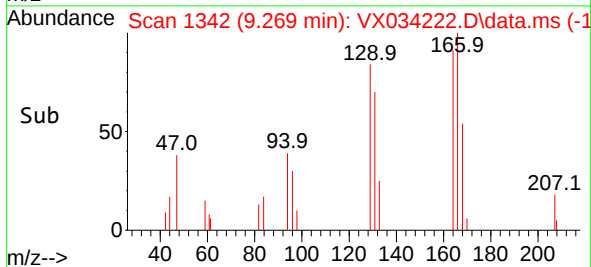
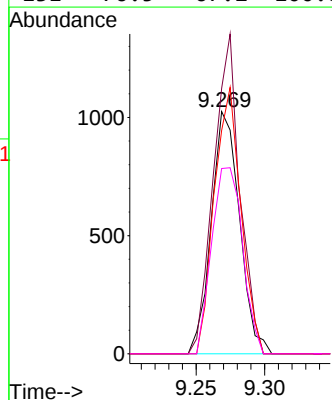
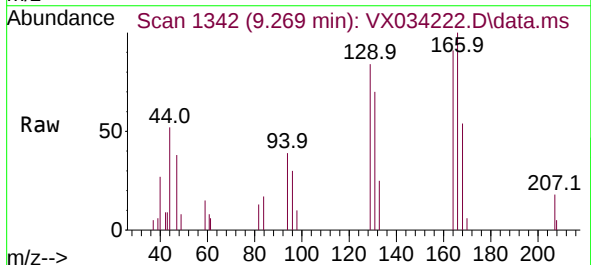
Manual Integrations
APPROVED

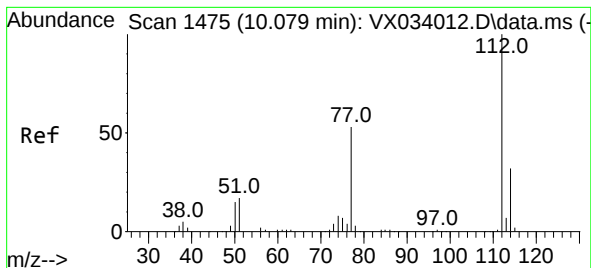
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 0.457 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

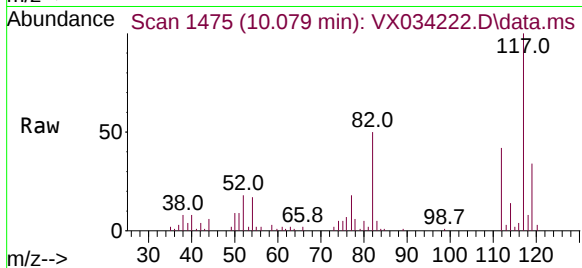
Tgt Ion:164 Resp: 1472
Ion Ratio Lower Upper
164 100
166 109.6 100.2 150.2
129 92.2 69.2 103.8
131 76.5 67.2 100.8





#65
Chlorobenzene
Concen: 0.409 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

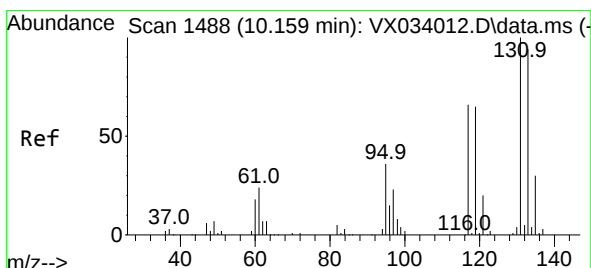
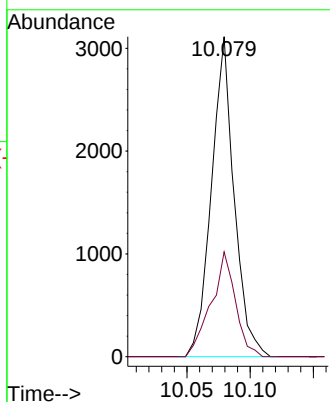
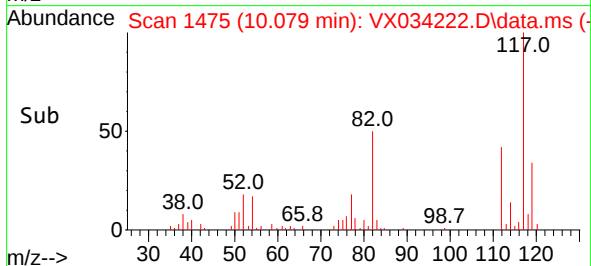
Instrument :
MSVOA_X
ClientSampleId :
MDL05



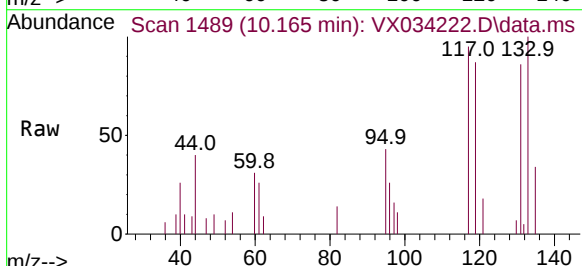
Tgt Ion:112 Resp: 3880
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

Manual Integrations
APPROVED

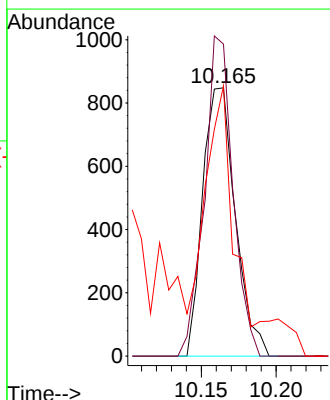
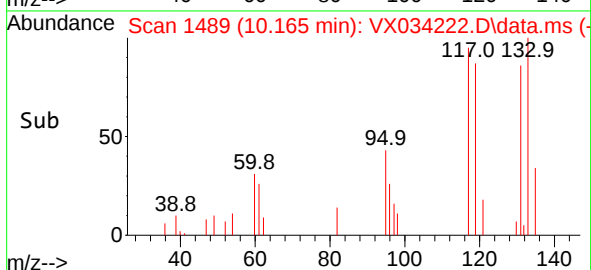
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

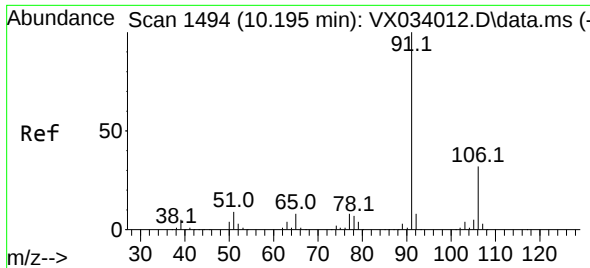


#66
1,1,1,2-Tetrachloroethane
Concen: 0.349 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30



Tgt Ion:131 Resp: 1286
Ion Ratio Lower Upper
131 100
133 104.6 48.4 145.0
119 0.0 31.9 95.7#





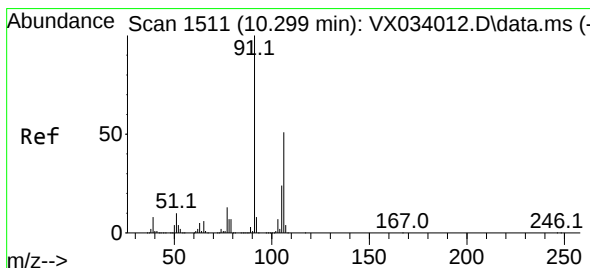
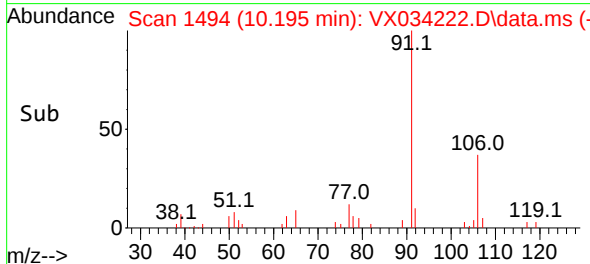
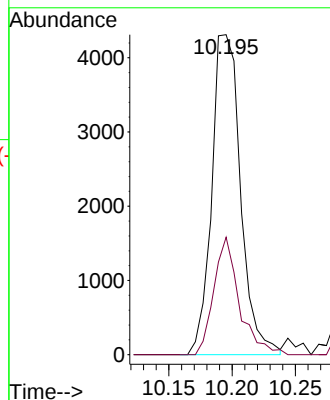
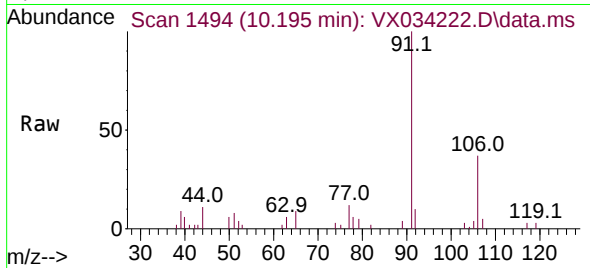
#67
Ethyl Benzene
Concen: 0.400 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 6830
Ion Ratio Lower Upper
91 100
106 36.7 25.8 38.8

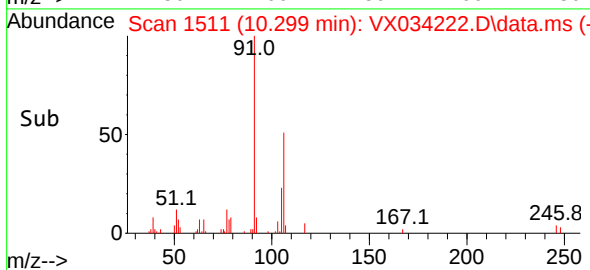
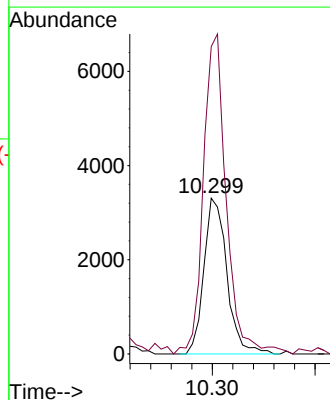
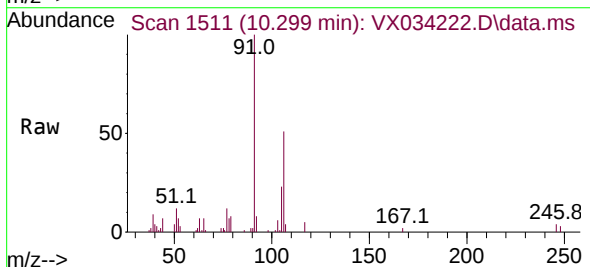
Manual Integrations
APPROVED

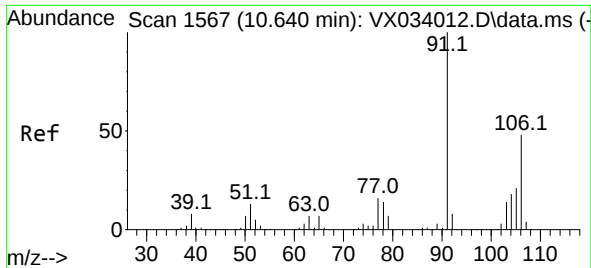
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
m/p-Xylenes
Concen: 0.788 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:106 Resp: 5154
Ion Ratio Lower Upper
106 100
91 203.9 156.4 234.6





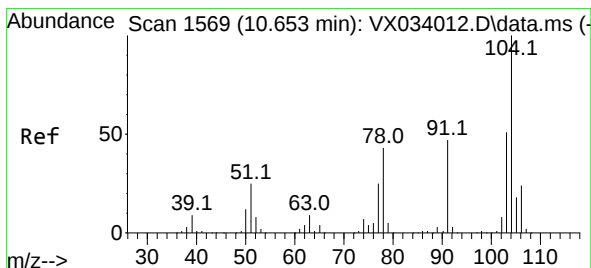
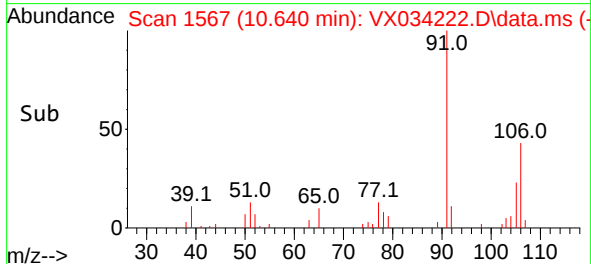
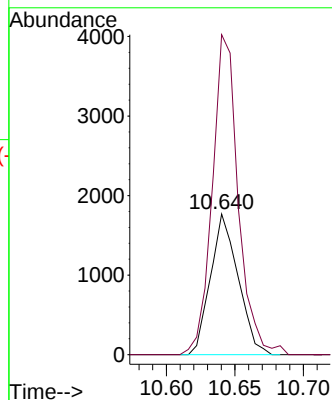
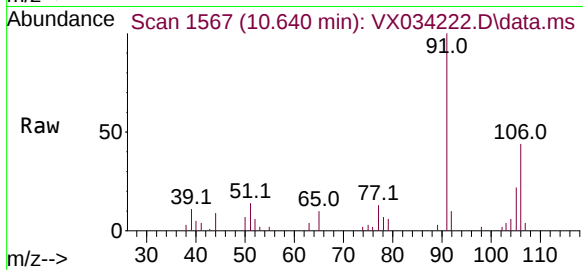
#69
o-Xylene
Concen: 0.382 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:106 Resp: 2484
Ion Ratio Lower Upper
106 100
91 213.6 103.1 309.3

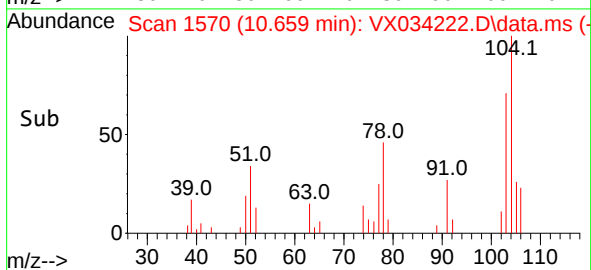
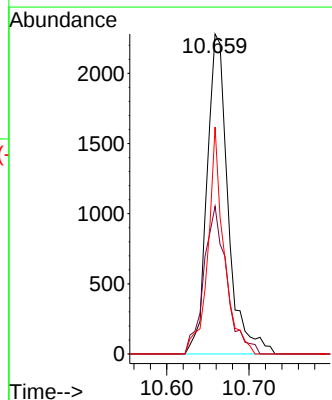
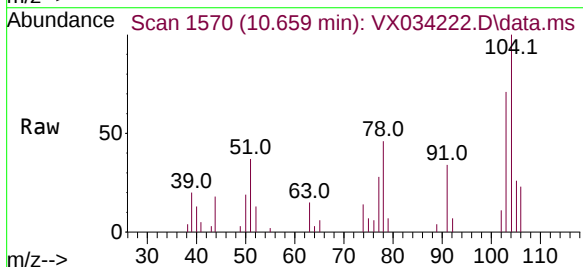
Manual Integrations
APPROVED

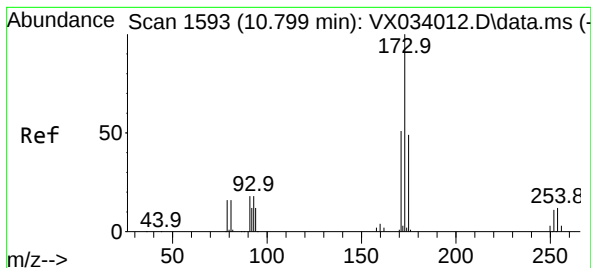
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 0.383 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:104 Resp: 4059
Ion Ratio Lower Upper
104 100
78 50.4 37.5 56.3
103 53.7 43.3 64.9





#71

Bromoform

Concen: 0.349 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

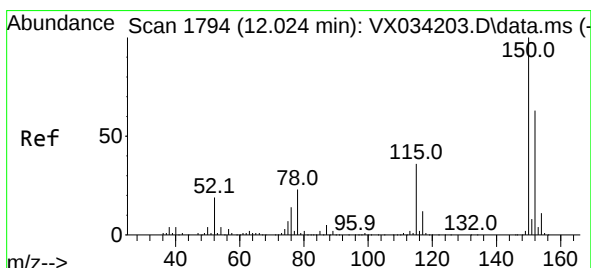
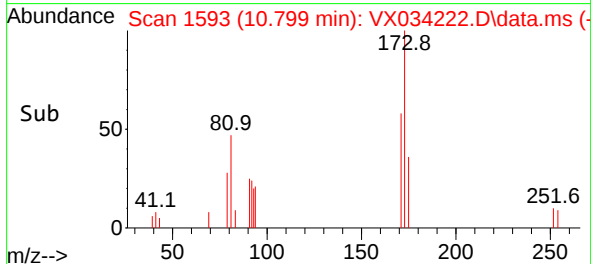
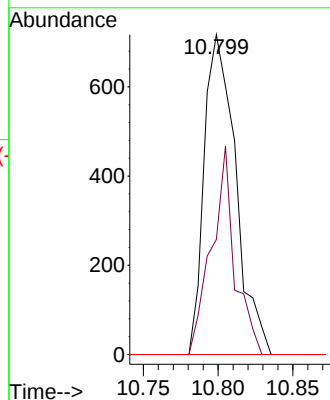
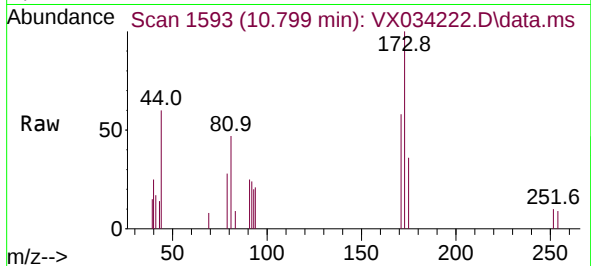
Tgt Ion:173	Resp:	1050
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.1 72.3
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

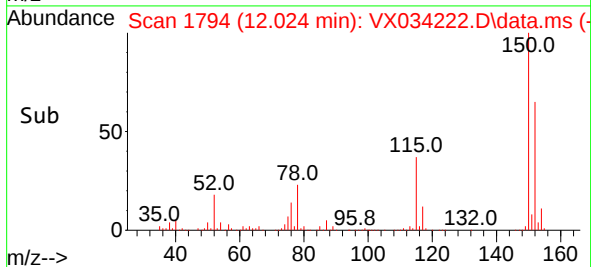
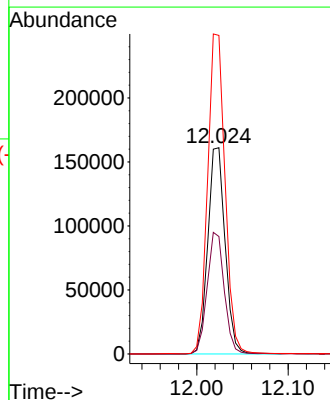
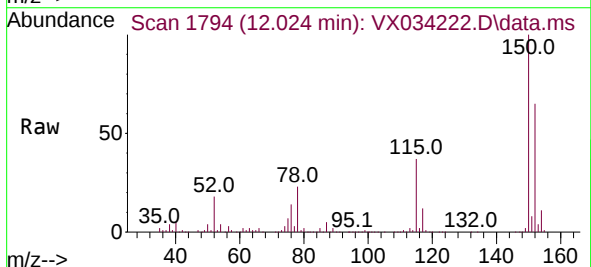
RT: 12.024 min Scan# 1794

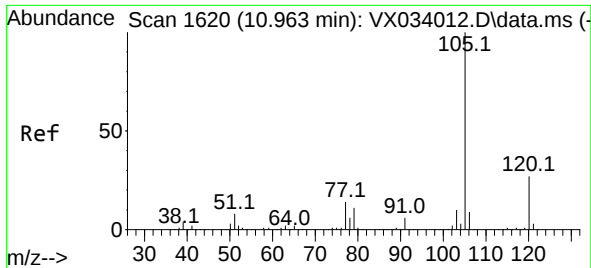
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

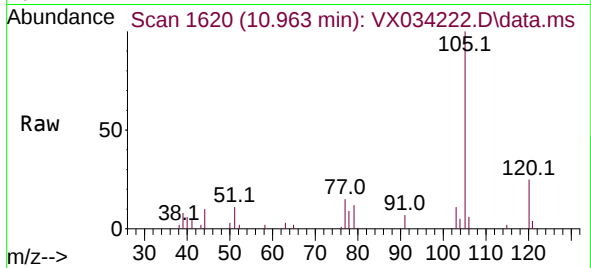
Tgt Ion:152	Resp:	211756
Ion Ratio	Lower	Upper
152	100	
115	58.3	38.7 116.1
150	156.2	0.0 348.2





#73
Isopropylbenzene
Concen: 0.393 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

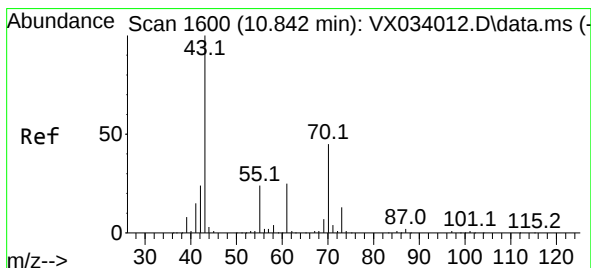
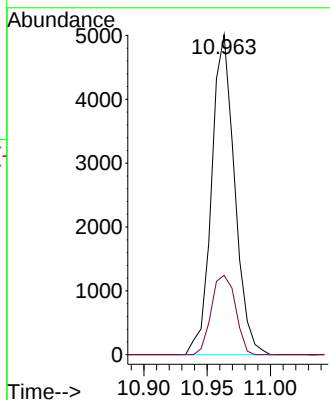
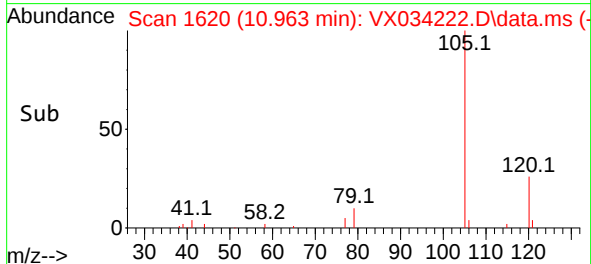
Instrument :
MSVOA_X
ClientSampleId :
MDL05



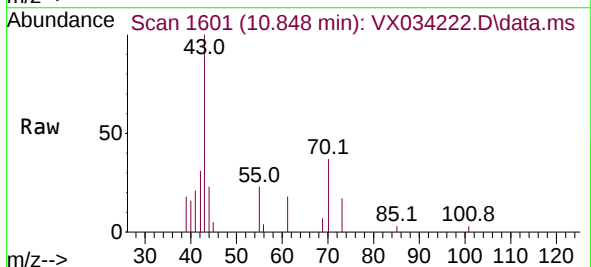
Tgt Ion:105 Resp: 6330
Ion Ratio Lower Upper
105 100
120 26.0 13.6 40.8

Manual Integrations
APPROVED

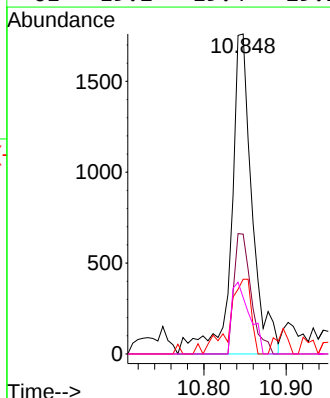
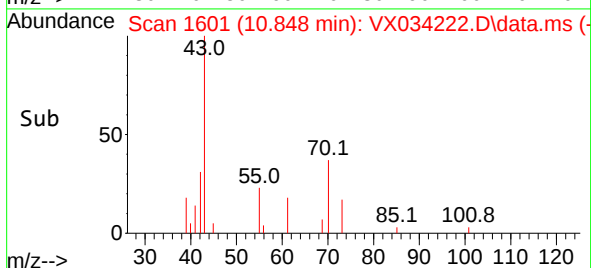
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

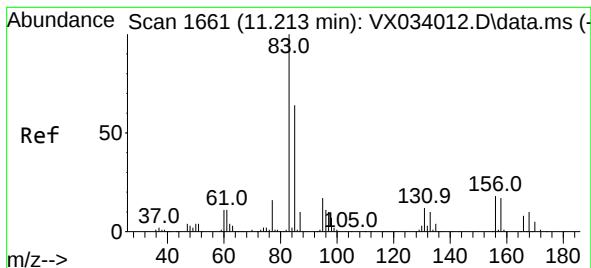


#74
N-ethyl acetate
Concen: 0.381 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30



Tgt Ion: 43 Resp: 3092
Ion Ratio Lower Upper
43 100
70 31.1 34.8 52.2#
55 24.9 19.4 29.0
61 19.2 19.4 29.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.349 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

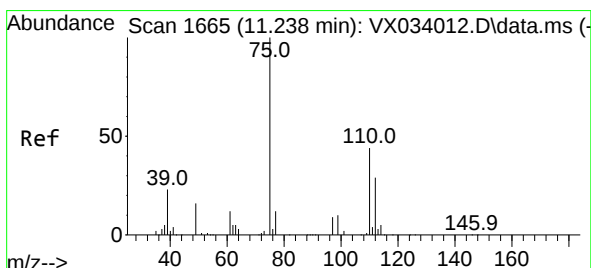
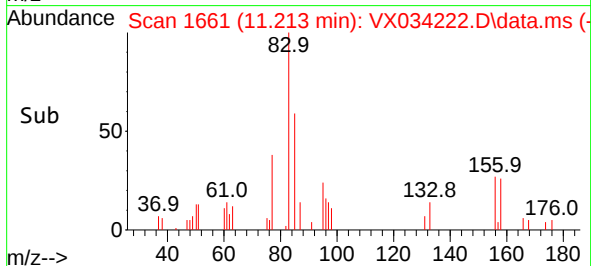
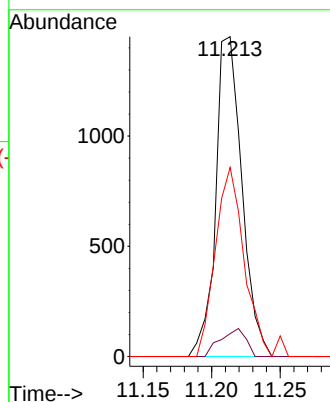
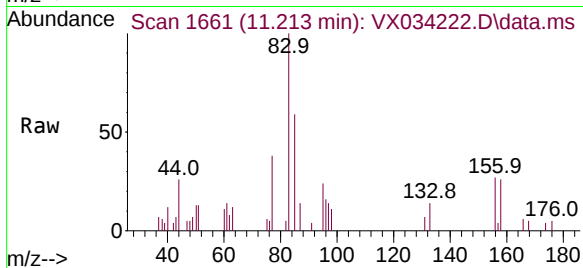
Tgt Ion: 83 Resp: 1928
 Ion Ratio Lower Upper
 83 100
 131 8.5 5.5 16.7
 85 64.4 32.3 96.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#76

1,2,3-Trichloropropane

Concen: 0.361 ug/l m

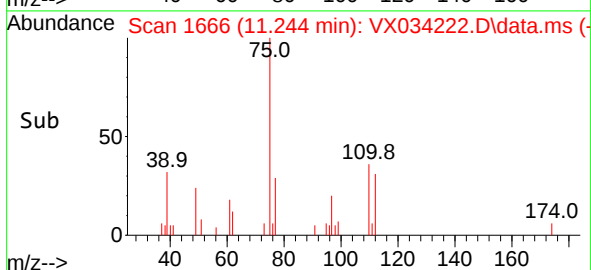
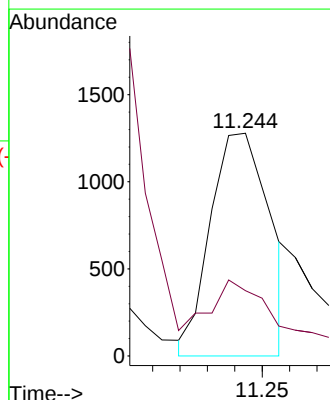
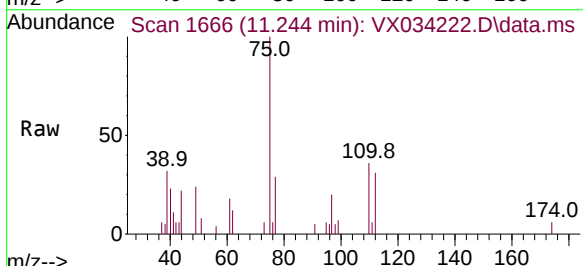
RT: 11.244 min Scan# 1666

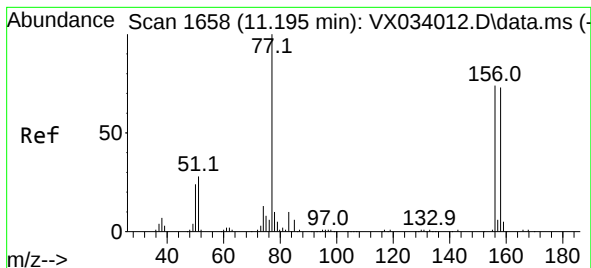
Delta R.T. 0.006 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Tgt Ion: 75 Resp: 1923
 Ion Ratio Lower Upper
 75 100
 77 73.7 21.8 65.4#





#77

Bromobenzene

Concen: 0.438 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

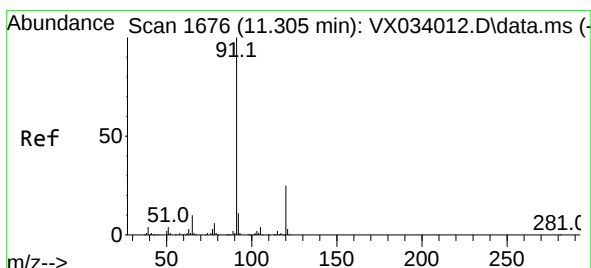
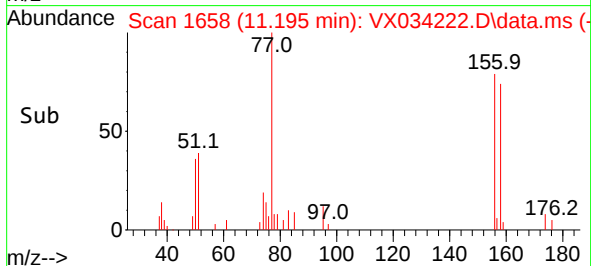
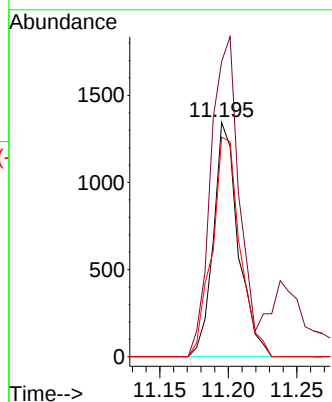
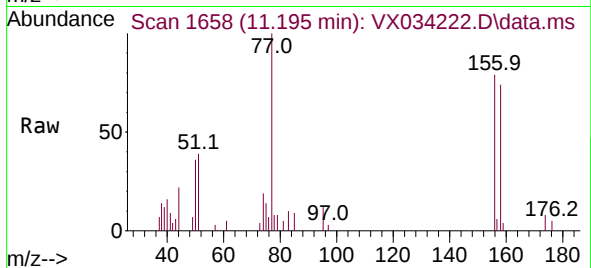
Tgt Ion:	156	Resp:	1700
Ion Ratio	Lower	Upper	
156	100		
77	159.5	68.1	204.3
158	105.1	48.0	144.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#78

n-propylbenzene

Concen: 0.405 ug/l

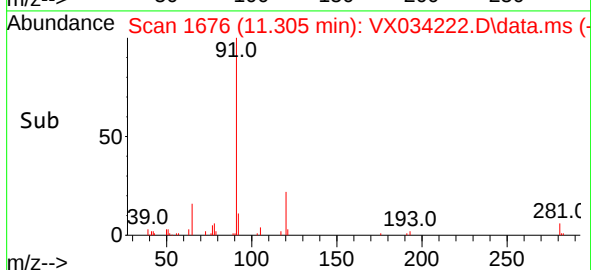
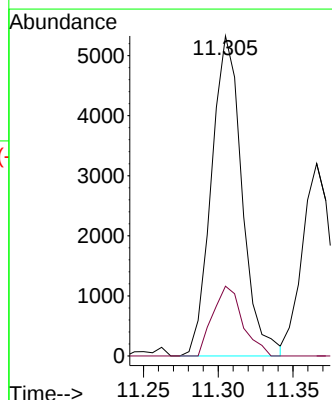
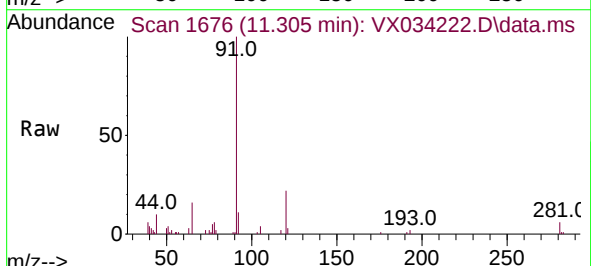
RT: 11.305 min Scan# 1676

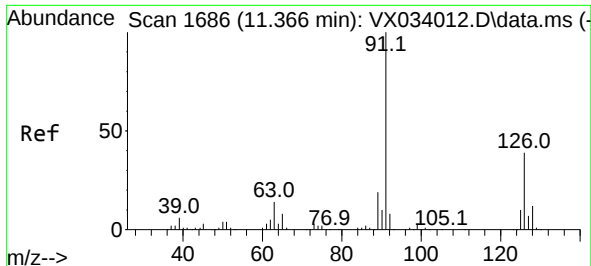
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Tgt Ion:	91	Resp:	7601
Ion Ratio	Lower	Upper	
91	100		
120	21.2	12.3	36.8





#79

2-Chlorotoluene

Concen: 0.383 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion: 91 Resp: 440

Ion Ratio Lower Upper

91 100

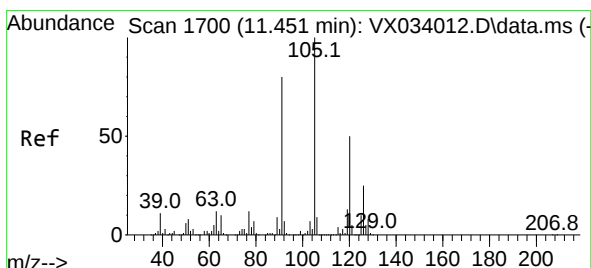
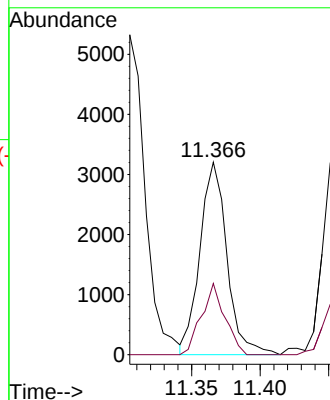
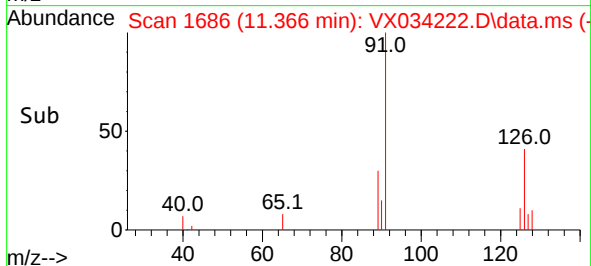
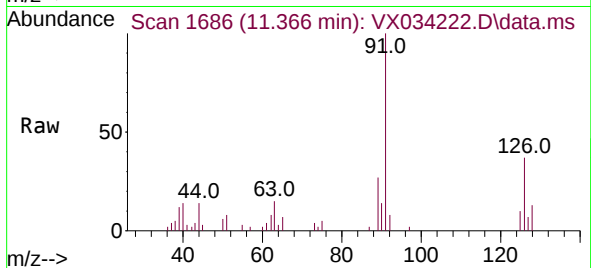
126 32.1 18.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#80

1,3,5-Trimethylbenzene

Concen: 0.398 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034222.D

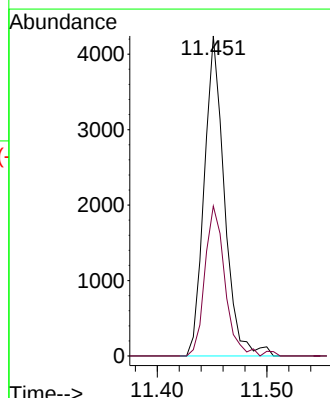
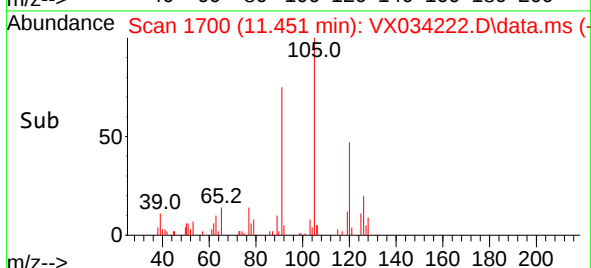
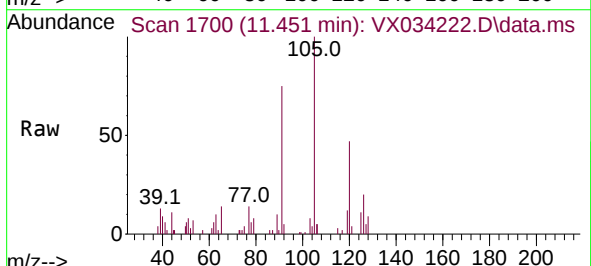
Acq: 22 Feb 2023 12:30

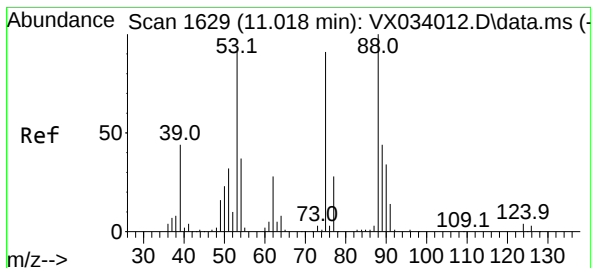
Tgt Ion:105 Resp: 5407

Ion Ratio Lower Upper

105 100

120 46.3 25.6 76.8





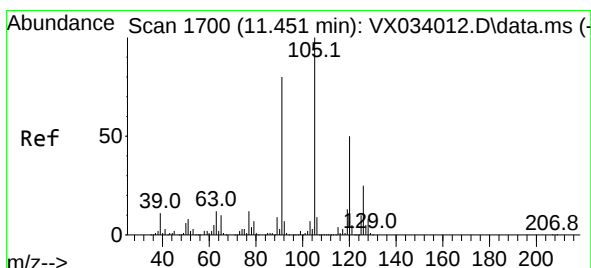
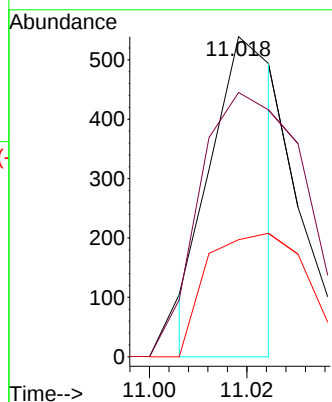
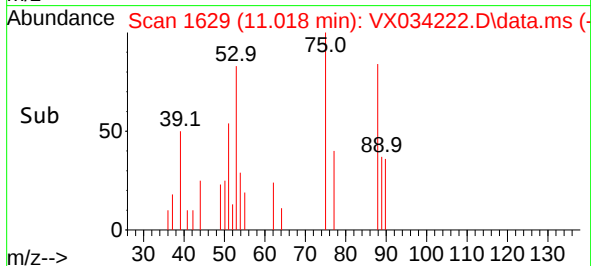
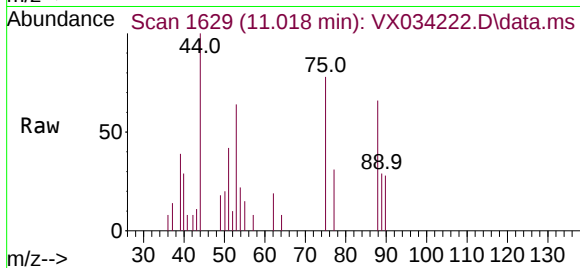
#81
trans-1,4-Dichloro-2-butene
Concen: 0.238 ug/l m
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 75 Resp: 493
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6
89 4.1 37.7 56.5

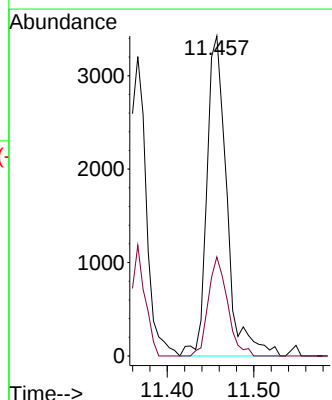
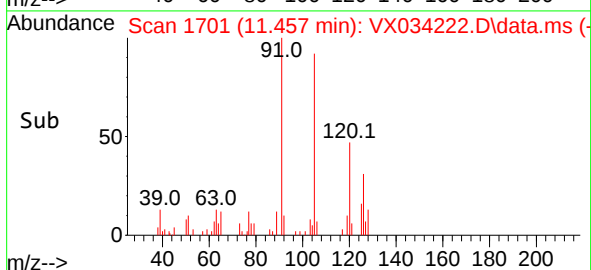
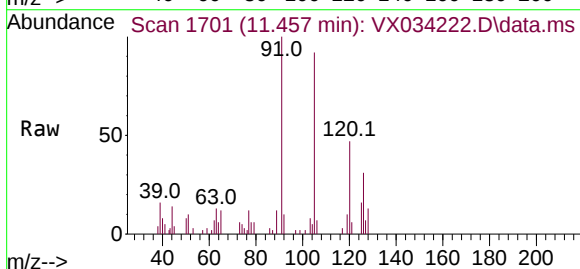
Manual Integrations
APPROVED

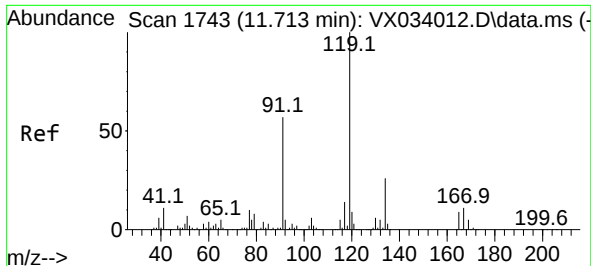
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#82
4-Chlorotoluene
Concen: 0.419 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion: 91 Resp: 5493
Ion Ratio Lower Upper
91 100
126 29.8 15.8 47.4





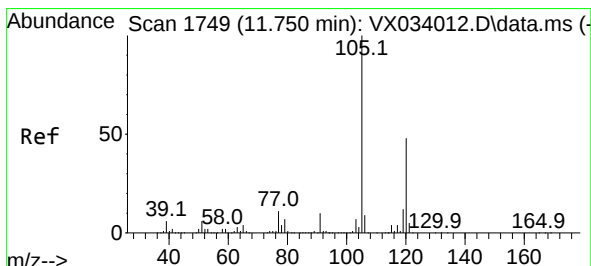
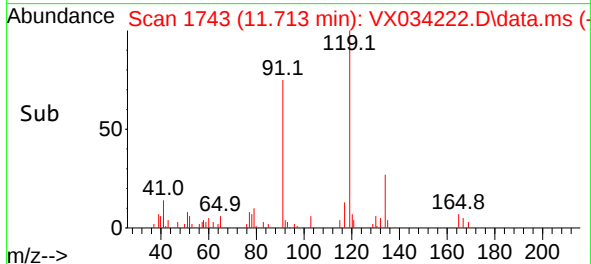
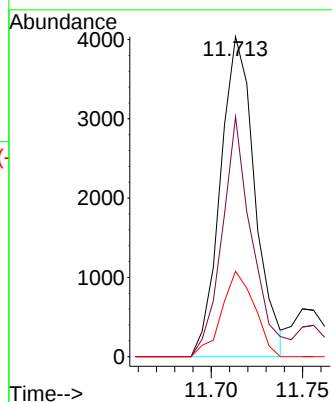
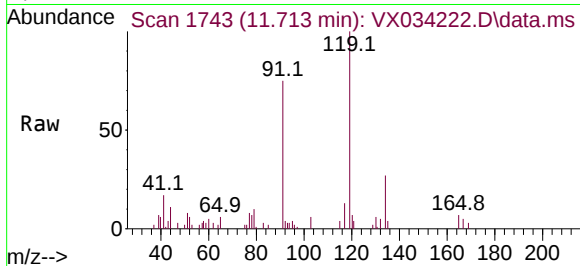
#83
tert-Butylbenzene
Concen: 0.382 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:119 Resp: 5308
Ion Ratio Lower Upper
119 100
91 66.0 26.9 80.7
134 25.4 12.3 36.8

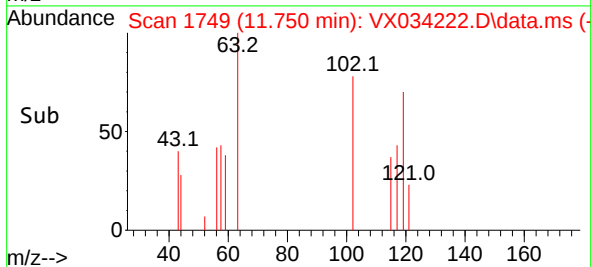
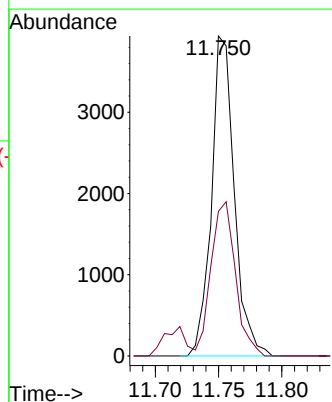
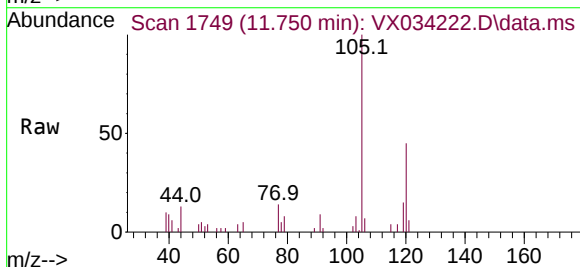
Manual Integrations
APPROVED

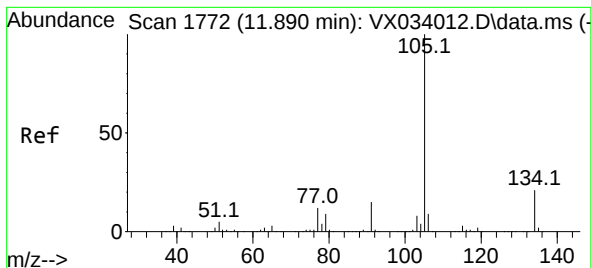
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.361 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:105 Resp: 4948
Ion Ratio Lower Upper
105 100
120 51.5 23.4 70.2





#85

sec-Butylbenzene

Concen: 0.371 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

Tgt Ion:105 Resp: 6260

Ion Ratio Lower Upper

105 100

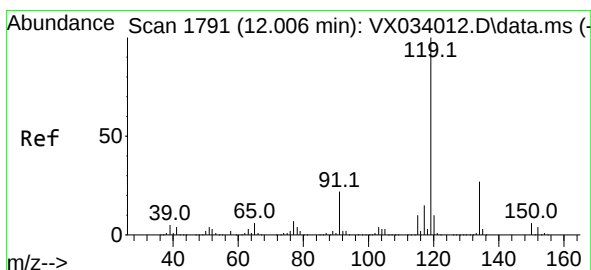
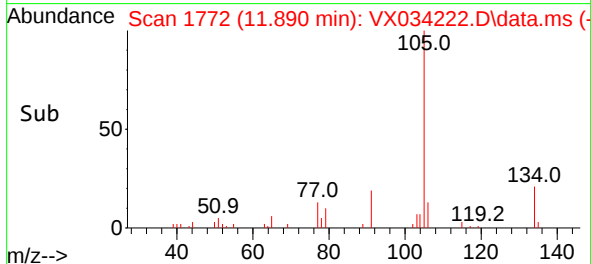
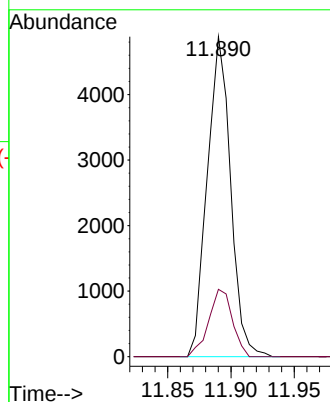
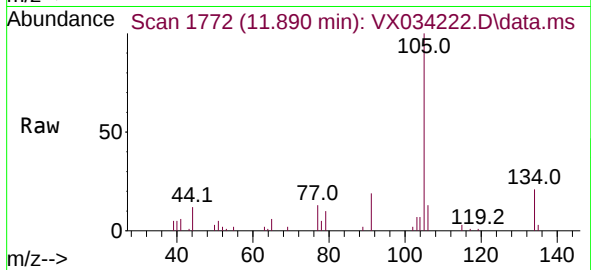
134 21.4 10.8 32.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#86

p-Isopropyltoluene

Concen: 0.385 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

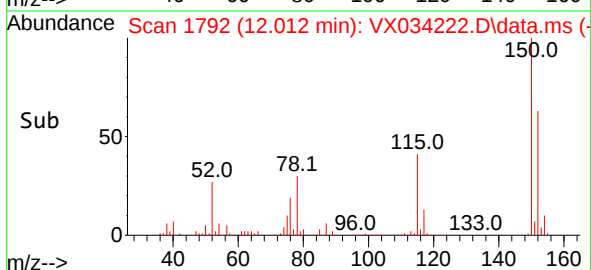
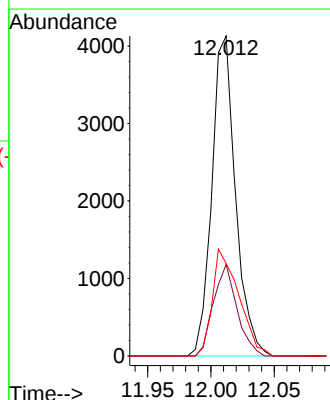
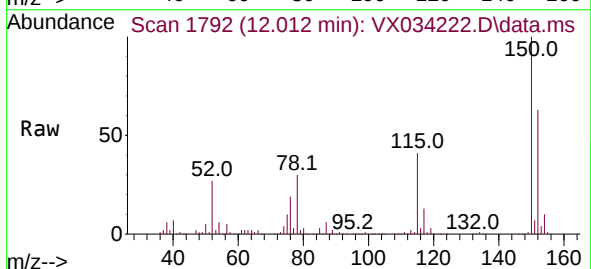
Tgt Ion:119 Resp: 5378

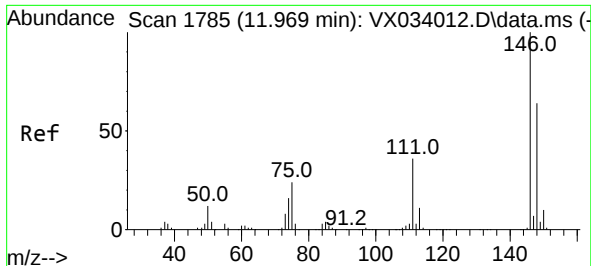
Ion Ratio Lower Upper

119 100

134 28.4 13.6 40.8

91 37.3 11.0 33.0#





#87

1,3-Dichlorobenzene

Concen: 0.392 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Instrument :

MSVOA_X

ClientSampleId :

MDL05

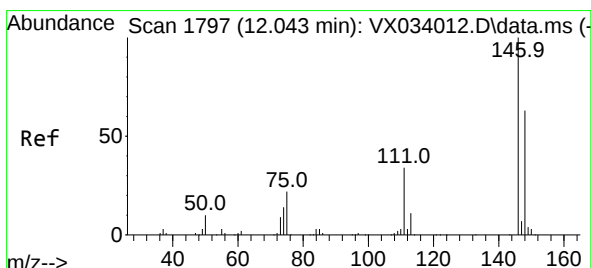
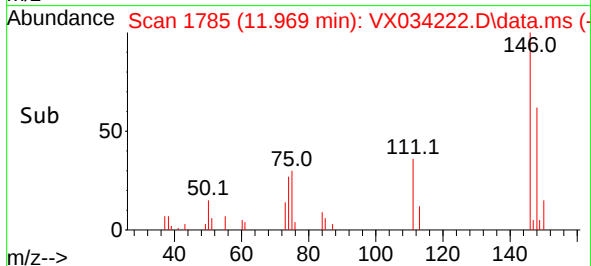
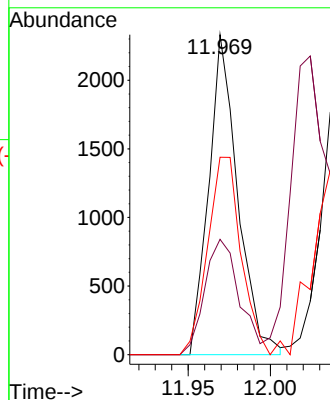
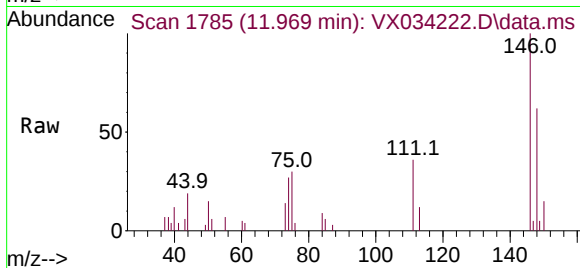
Tgt Ion:146	Resp:	285
Ion Ratio	Lower	Upper
146	100	
111	42.9	18.6 55.6
148	71.2	31.9 95.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#88

1,4-Dichlorobenzene

Concen: 0.405 ug/l m

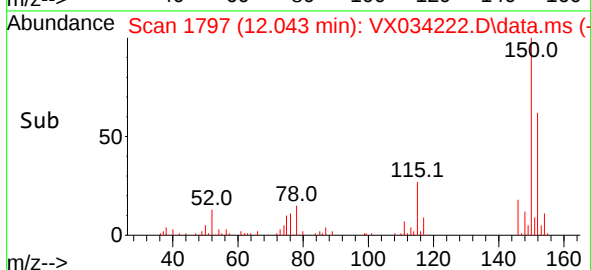
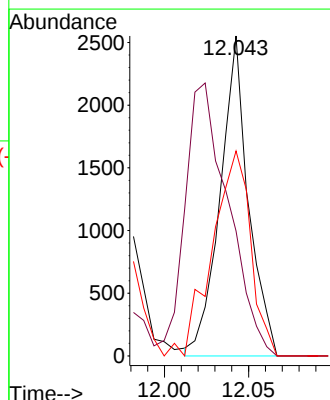
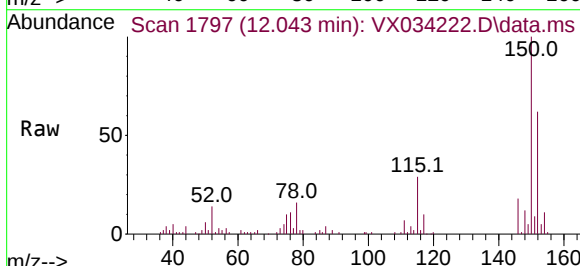
RT: 12.043 min Scan# 1797

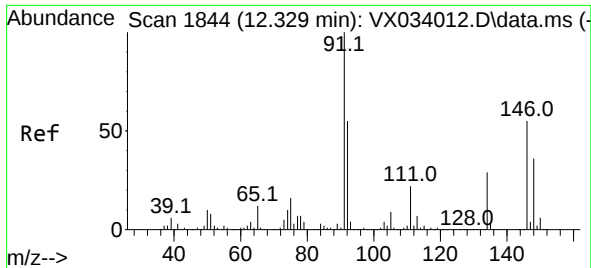
Delta R.T. 0.000 min

Lab File: VX034222.D

Acq: 22 Feb 2023 12:30

Tgt Ion:146	Resp:	2979
Ion Ratio	Lower	Upper
146	100	
111	41.1	17.8 53.4
148	68.2	32.1 96.3





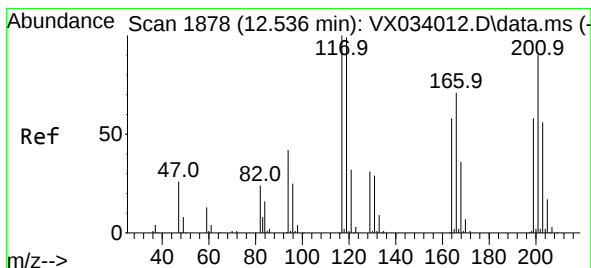
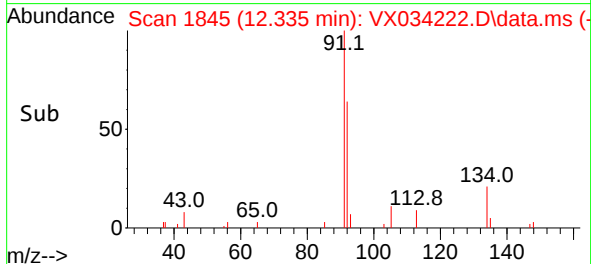
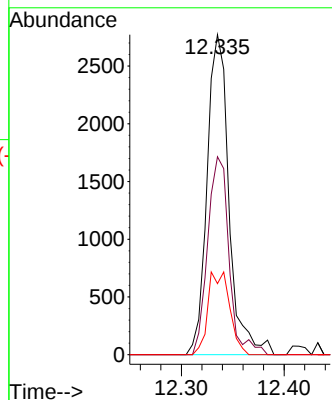
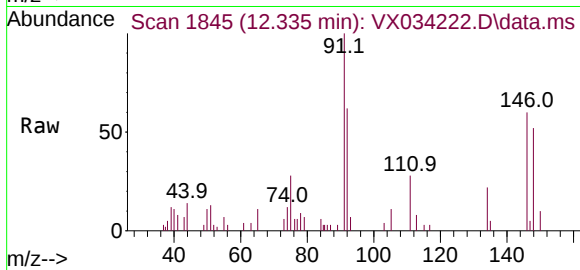
#89
n-Butylbenzene
Concen: 0.331 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion: 91 Resp: 4114
Ion Ratio Lower Upper
91 100
92 60.3 27.5 82.5
134 25.6 14.3 42.9

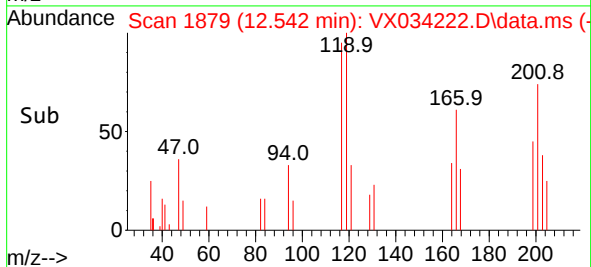
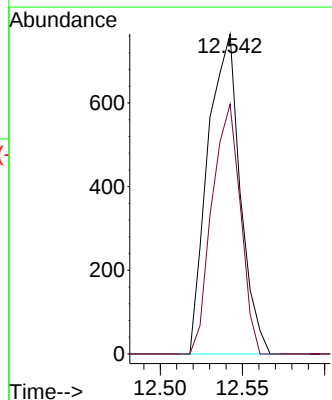
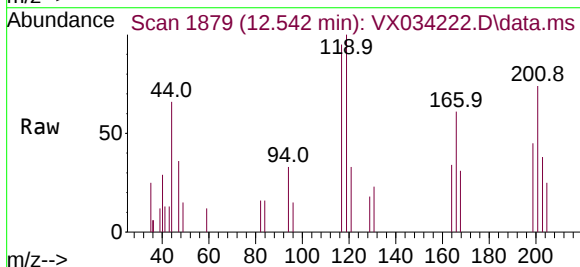
Manual Integrations
APPROVED

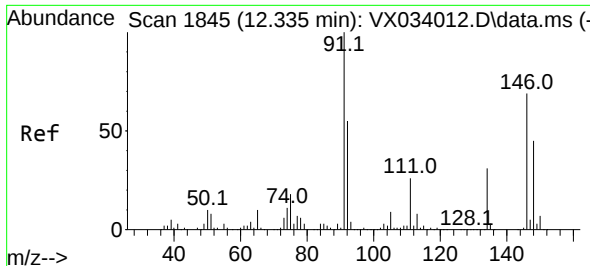
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 0.358 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

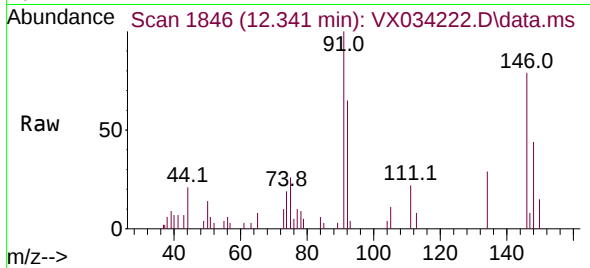
Tgt Ion:117 Resp: 1044
Ion Ratio Lower Upper
117 100
201 68.8 45.1 135.3





#91
1,2-Dichlorobenzene
Concen: 0.393 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

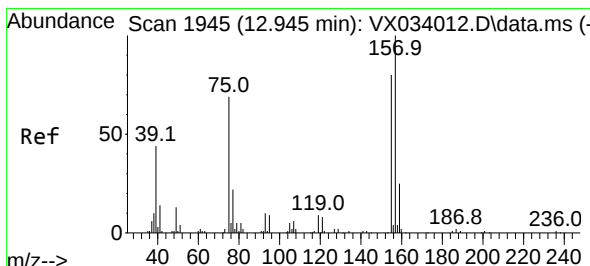
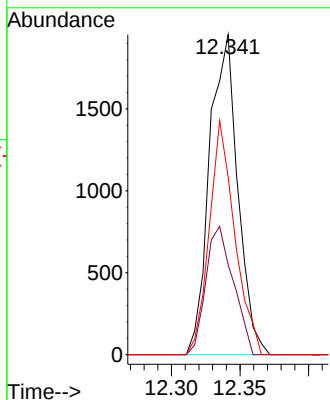
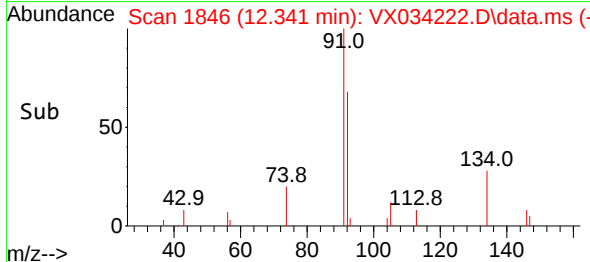
Instrument :
MSVOA_X
ClientSampleId :
MDL05



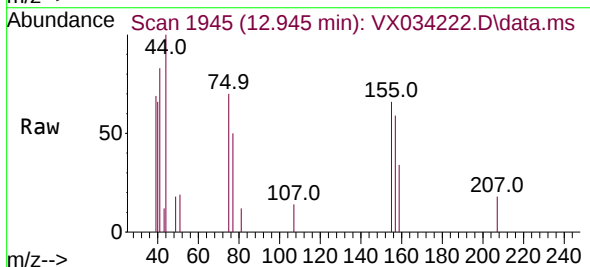
Tgt Ion:146 Resp: 280
Ion Ratio Lower Upper
146 100
111 39.1 19.3 57.8
148 65.9 32.3 96.9

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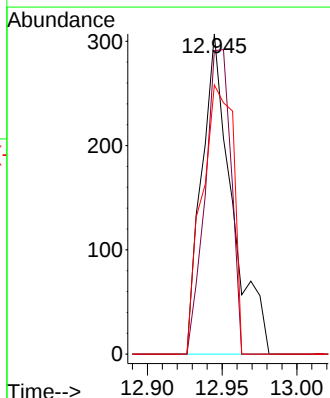
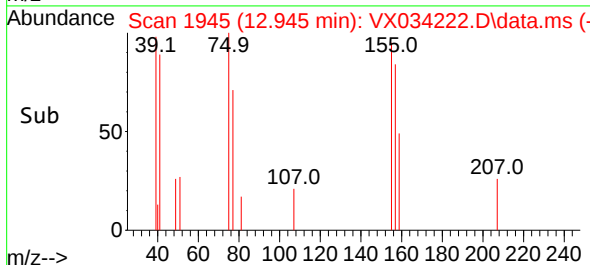
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

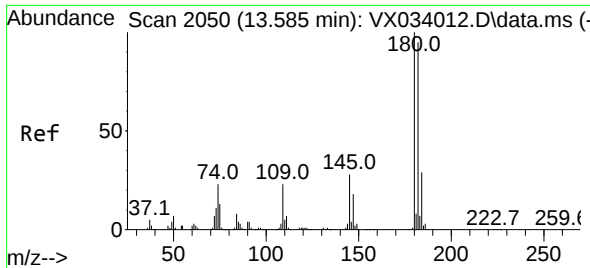


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.327 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30



Tgt Ion: 75 Resp: 430
Ion Ratio Lower Upper
75 100
155 81.9 51.7 155.1
157 87.2 67.5 202.3





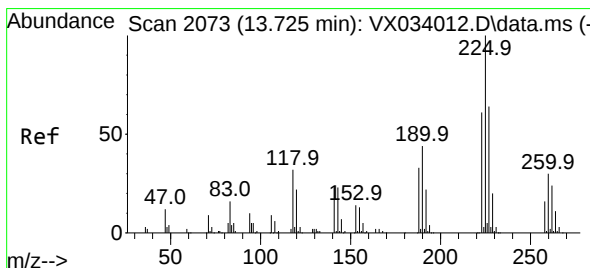
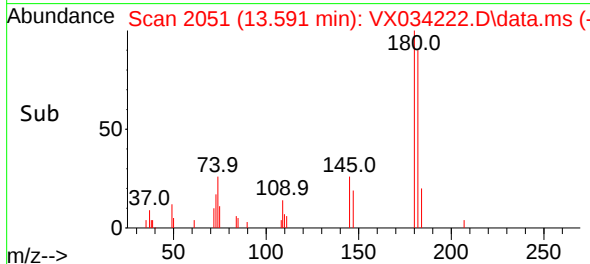
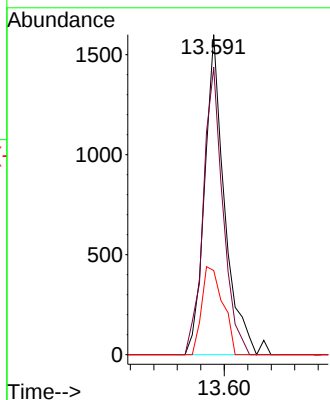
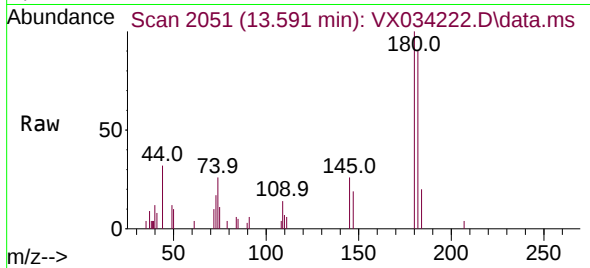
#93
1,2,4-Trichlorobenzene
Concen: 0.415 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:180 Resp: 1900
Ion Ratio Lower Upper
180 100
182 88.1 47.9 143.6
145 28.9 14.1 42.2

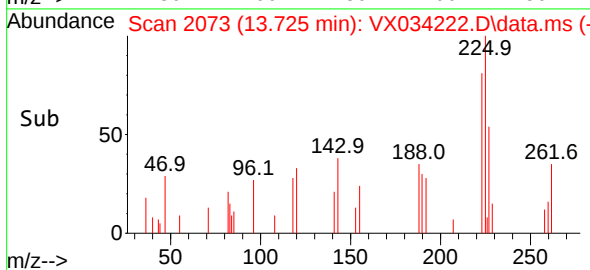
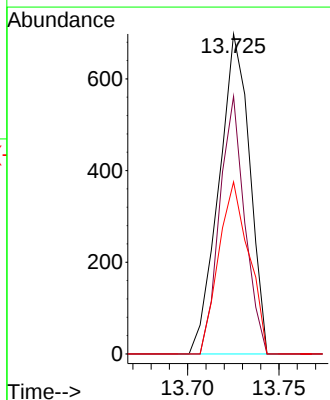
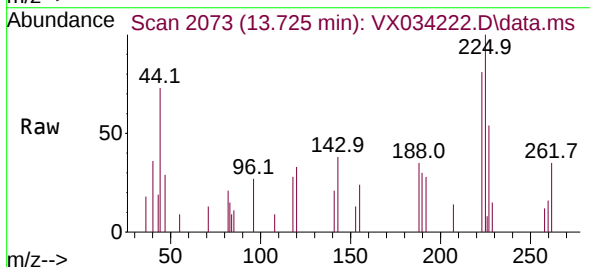
Manual Integrations
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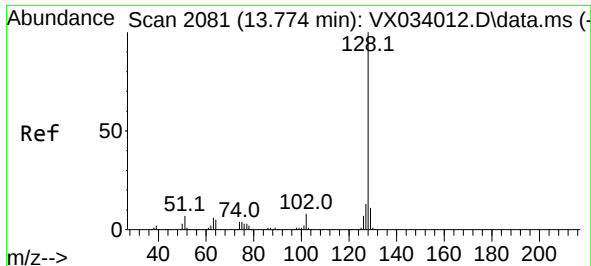
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#94
Hexachlorobutadiene
Concen: 0.431 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:225 Resp: 818
Ion Ratio Lower Upper
225 100
223 65.4 31.3 93.9
227 52.7 32.3 96.9





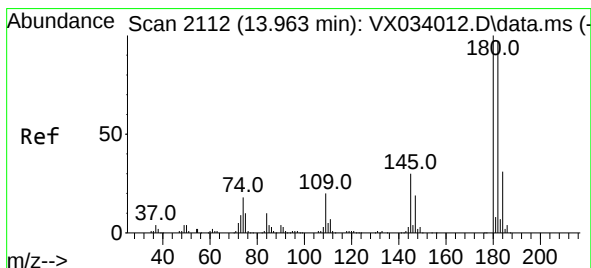
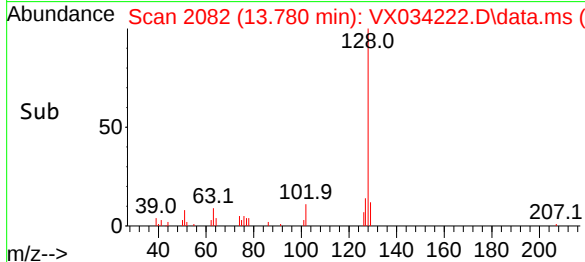
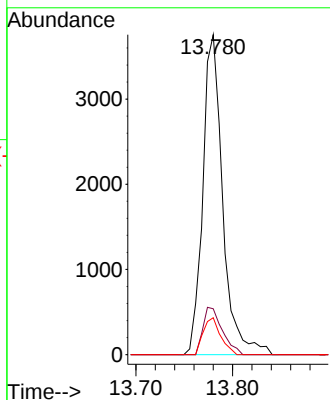
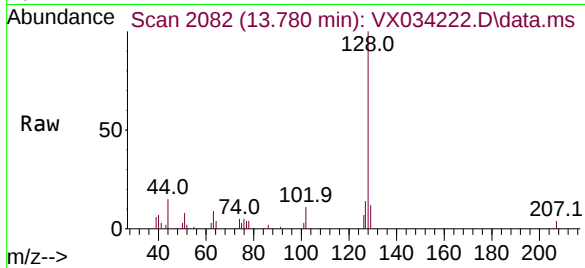
#95
Naphthalene
Concen: 0.349 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Instrument :
MSVOA_X
ClientSampleId :
MDL05

Tgt Ion:128 Resp: 538
Ion Ratio Lower Upper
128 100
127 14.3 10.3 15.5
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.343 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX034222.D
Acq: 22 Feb 2023 12:30

Tgt Ion:180 Resp: 1560
Ion Ratio Lower Upper
180 100
182 110.1 47.6 142.9
145 38.6 15.1 45.3

