

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034142.D
 Acq On : 13 Feb 2023 14:02
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV625

Quant Time: Feb 14 00:04:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 13:44:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	159940	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	138919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	80437	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	30658	44.134	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.260%
7) Chloroethane-d5	1.666	69	23992	46.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.940%
11) 1,1-Dichloroethene-d2	2.306	63	84651	47.674	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.340%
21) 2-Butanone-d5	4.440	46	49696	91.312	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.310%
24) Chloroform-d	5.050	84	75025	37.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.820%
26) 1,2-Dichloroethane-d4	5.952	65	59374	43.507	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.020%
32) Benzene-d6	5.970	84	172542	42.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
36) 1,2-Dichloropropane-d6	7.299	67	61017	47.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.440%
41) Toluene-d8	8.647	98	201880	53.047	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.100%
43) trans-1,3-Dichloroprop...	8.945	79	31172	52.872	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.740%
47) 2-Hexanone-d5	9.378	63	49577	106.844	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.840%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	80027	47.325	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.640%
66) 1,2-Dichlorobenzene-d4	12.317	152	86361	48.868	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	91791	53.566	ug/L	99
3) Chloromethane	1.294	50	34126	47.765	ug/L	98
5) Vinyl chloride	1.374	62	35370	47.115	ug/L	100
6) Bromomethane	1.605	94	26781	51.374	ug/L	95
8) Chloroethane	1.685	64	21098	51.488	ug/L	98
9) Trichlorofluoromethane	1.886	101	77198	50.163	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	50117	52.141	ug/L	96
12) 1,1-Dichloroethene	2.319	96	42763	51.623	ug/L	90
13) Acetone	2.373	43	37089	98.660	ug/L	95
14) Carbon disulfide	2.514	76	97508	42.808	ug/L	98
15) Methyl Acetate	2.697	43	37563	48.968	ug/L	97
16) Methylene chloride	2.788	84	43307	50.264	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	43924	51.883	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	140435	52.389	ug/L	96
19) 1,1-Dichloroethane	3.605	63	73632	48.666	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	51313	50.988	ug/L	96
22) 2-Butanone	4.538	43	34180	61.539	ug/L	# 67
23) Bromochloromethane	4.891	128	22836	39.137	ug/L	# 89
25) Chloroform	5.086	83	73671	40.789	ug/L	96

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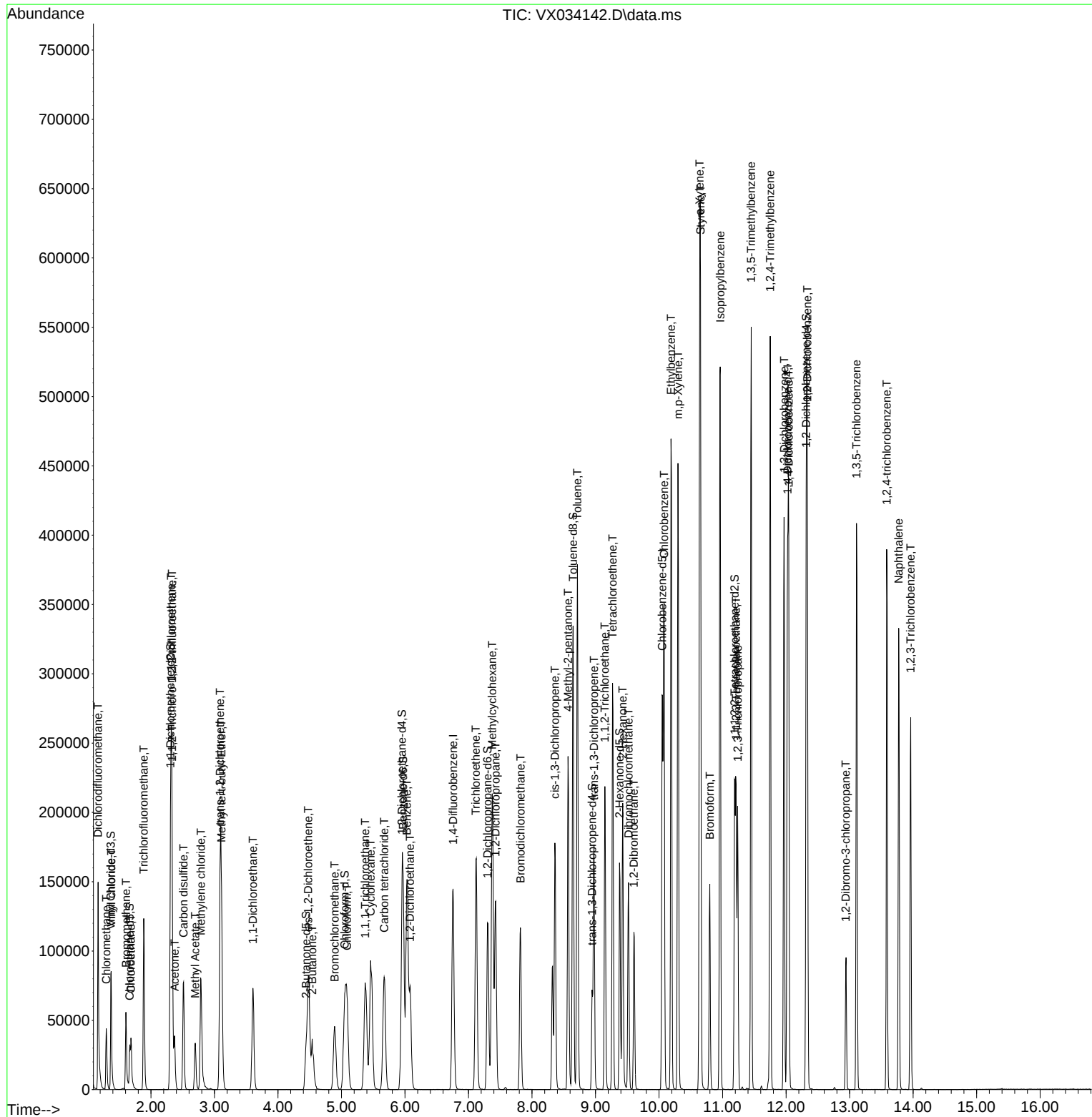
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27) 1,2-Dichloroethane	6.080	62	79792	51.519	ug/L	95
29) Cyclohexane	5.458	56	62307	42.304	ug/L	91
30) 1,1,1-Trichloroethane	5.373	97	81481	47.712	ug/L	98
31) Carbon tetrachloride	5.672	117	78466	47.983	ug/L	100
33) Benzene	6.031	78	186517	47.208	ug/L	100
34) Trichloroethene	7.116	95	63157	52.048	ug/L	97
35) Methylcyclohexane	7.373	83	103550	53.677	ug/L	98
37) 1,2-Dichloropropane	7.427	63	54361	51.020	ug/L	98
38) Bromodichloromethane	7.818	83	78043	52.772	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	92679	57.013	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	136056	114.964	ug/L	98
42) Toluene	8.714	91	243415	59.720	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	86512	58.294	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	59281	57.138	ug/L	99
46) Tetrachloroethene	9.269	164	61852	56.717	ug/L	95
48) 2-Hexanone	9.427	43	102992	115.659	ug/L	99
49) Dibromochloromethane	9.518	129	68069	55.387	ug/L	97
50) 1,2-Dibromoethane	9.604	107	64943	55.142	ug/L	99
51) Chlorobenzene	10.079	112	164496	53.868	ug/L	97
52) Ethylbenzene	10.189	91	273242	54.377	ug/L	98
53) m,p-Xylene	10.299	106	109156	53.719	ug/L	95
54) o-Xylene	10.640	106	104239	52.107	ug/L	92
55) Styrene	10.652	104	177346	52.490	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	81883	51.346	ug/L	98
59) Bromoform	10.799	173	57071	54.097	ug/L	99
60) Isopropylbenzene	10.963	105	288183	54.590	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	62452	52.082	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	240765	54.582	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	233675	54.902	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	142978	54.207	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	143884	53.445	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	138343	53.756	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	17297	50.793	ug/L	83
69) 1,3,5-Trichlorobenzene	13.109	180	111012	54.285	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	96897	52.561	ug/L	98
71) Naphthalene	13.774	128	214785	42.891	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	68547	37.805	ug/L	99

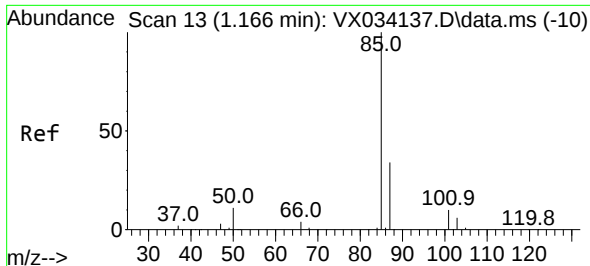
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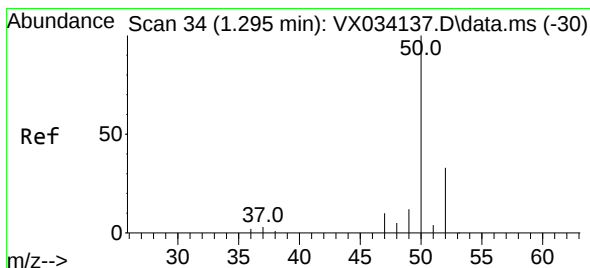
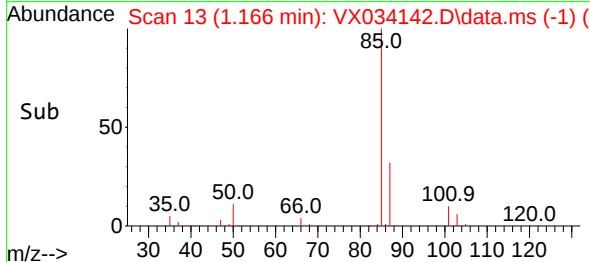
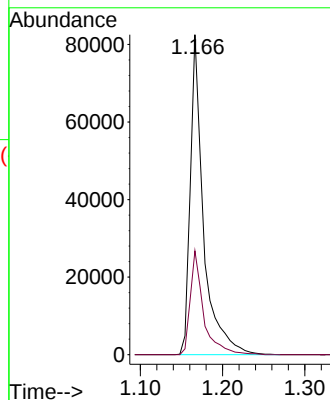
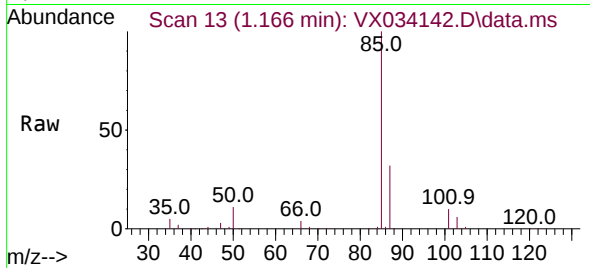




#2
 Dichlorodifluoromethane
 Concen: 53.566 ug/L
 RT: 1.166 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

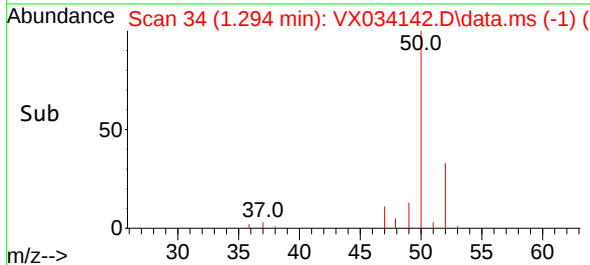
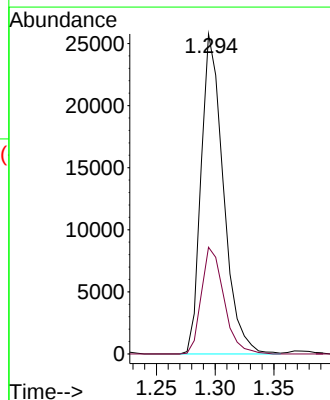
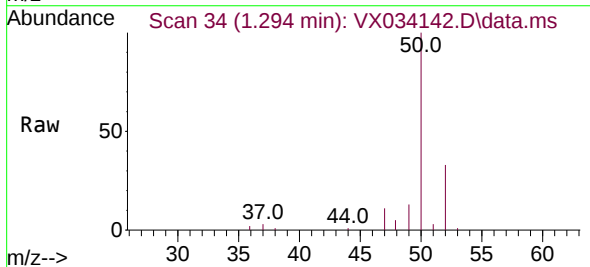
Instrument :
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 ClientSampleId :
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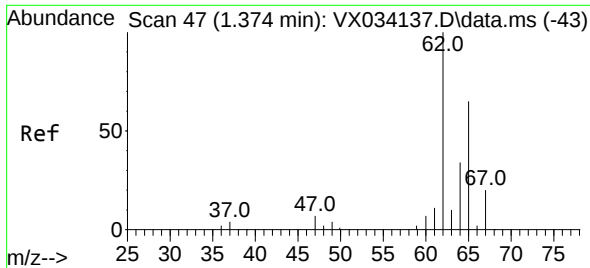
Tgt Ion: 85 Resp: 91791
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9



#3
 Chloromethane
 Concen: 47.765 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

Tgt Ion: 50 Resp: 34126
 Ion Ratio Lower Upper
 50 100
 52 33.4 22.5 41.7

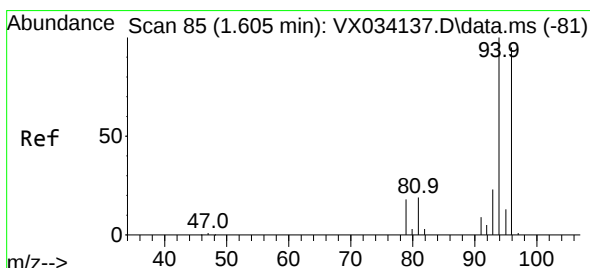
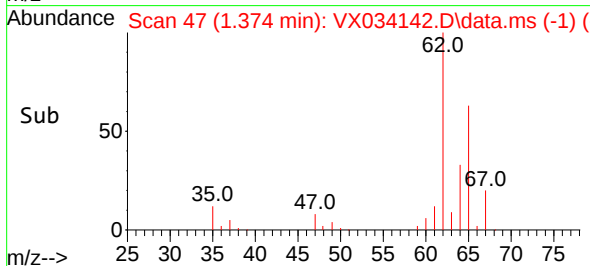
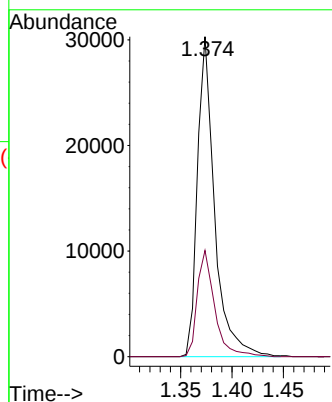
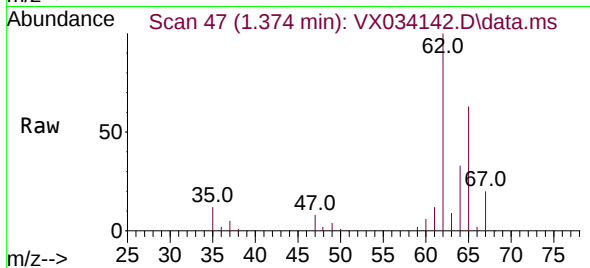




#5
 Vinyl chloride
 Concen: 47.115 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

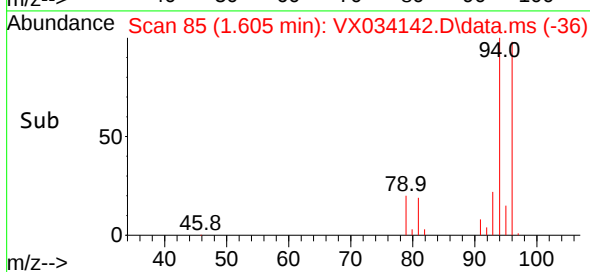
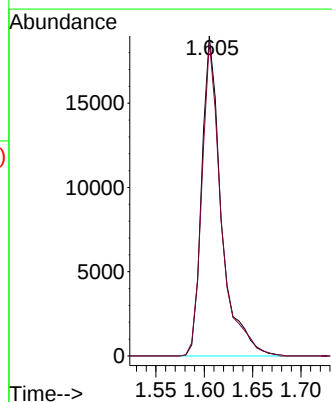
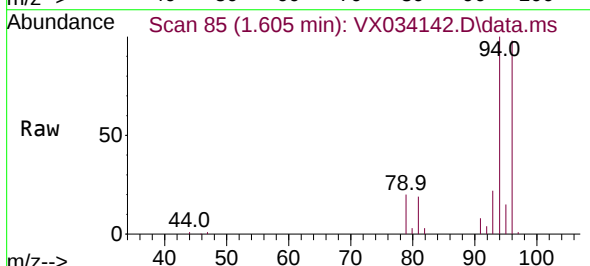
Instrument :
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 ClientSampleId :
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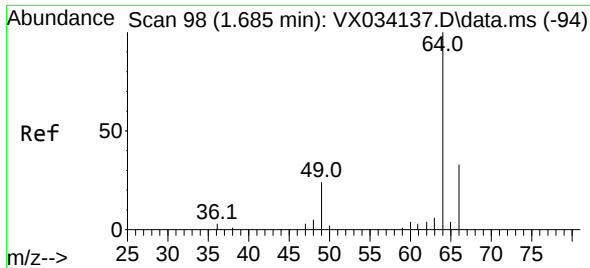
Tgt Ion: 62 Resp: 35370
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.0



#6
 Bromomethane
 Concen: 51.374 ug/L
 RT: 1.605 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

Tgt Ion: 94 Resp: 26781
 Ion Ratio Lower Upper
 94 100
 96 98.4 65.7 122.1

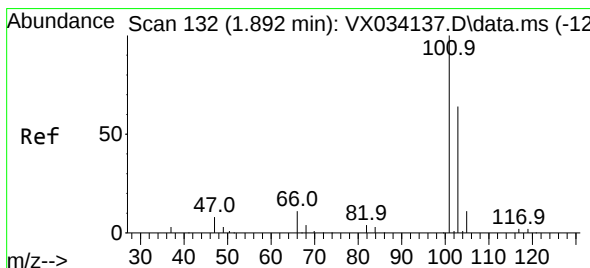
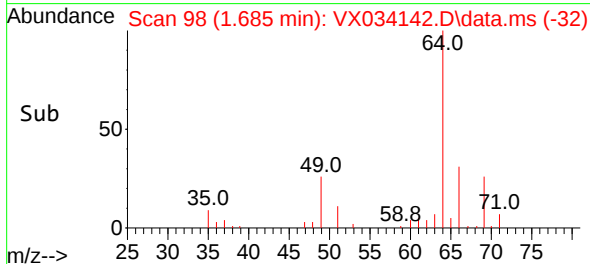
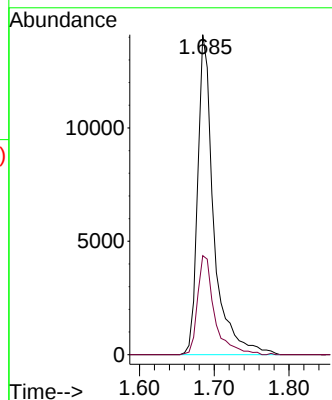
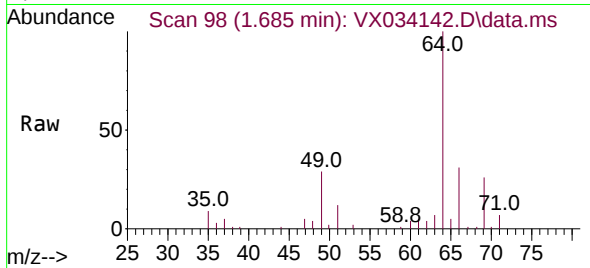




#8
Chloroethane
Concen: 51.488 ug/L
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

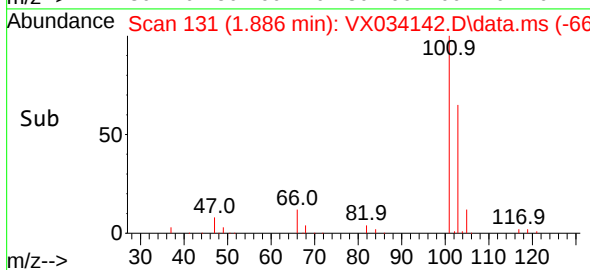
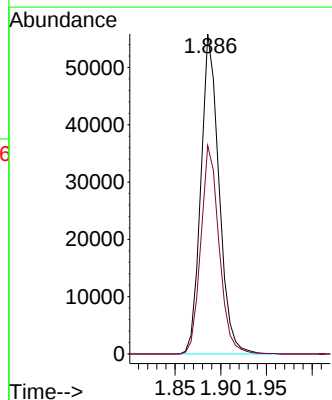
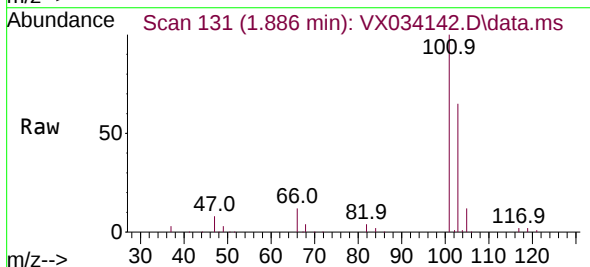
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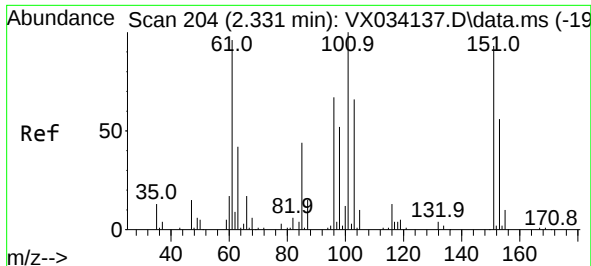
Tgt Ion: 64 Resp: 21098
Ion Ratio Lower Upper
64 100
66 31.0 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.163 ug/L
RT: 1.886 min Scan# 131
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 101 Resp: 77198
Ion Ratio Lower Upper
101 100
103 65.5 52.6 78.8

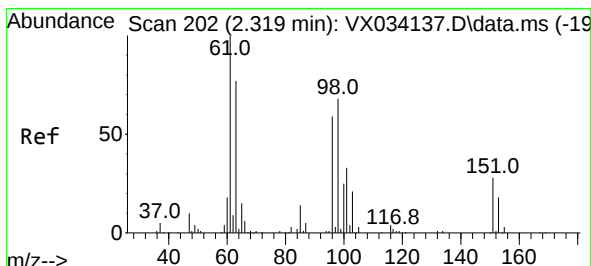
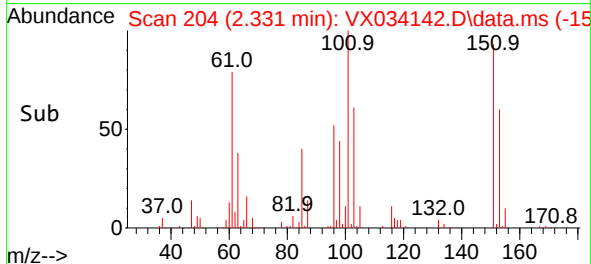
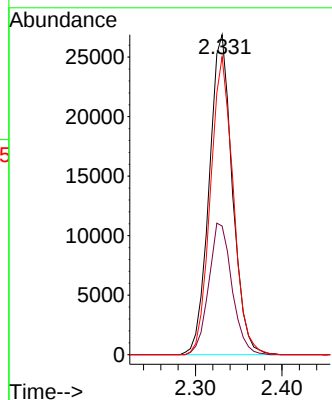
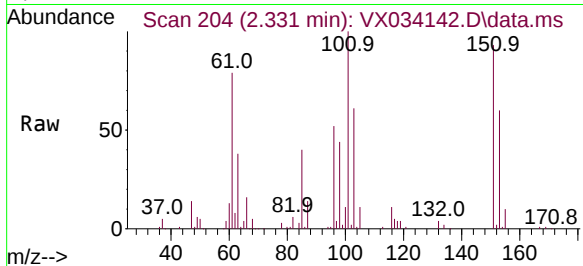




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.141 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

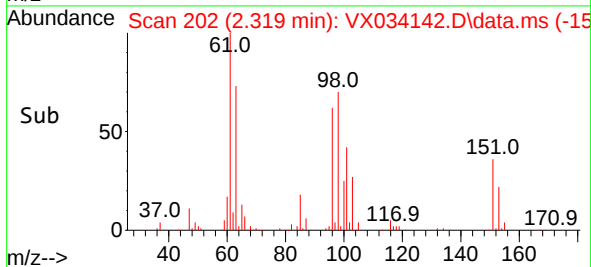
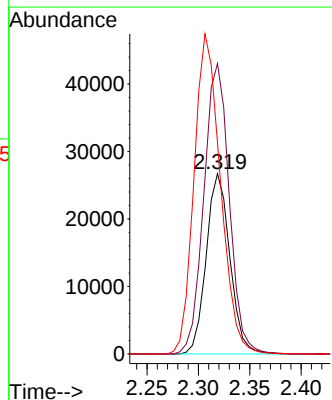
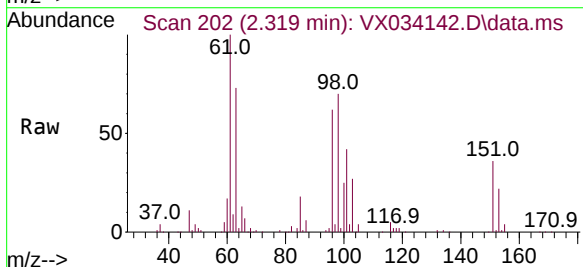
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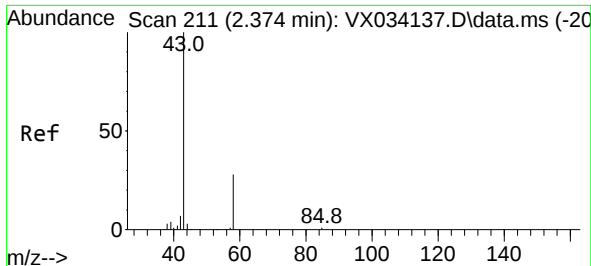
Tgt Ion:101 Resp: 50117
 Ion Ratio Lower Upper
 101 100
 85 41.1 32.2 48.4
 151 91.2 69.3 103.9



#12
 1,1-Dichloroethene
 Concen: 51.623 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

Tgt Ion: 96 Resp: 42763
 Ion Ratio Lower Upper
 96 100
 61 161.1 107.6 199.8
 63 117.2 69.6 129.2





#13

Acetone

Concen: 98.660 ug/L

RT: 2.373 min Scan# 211

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

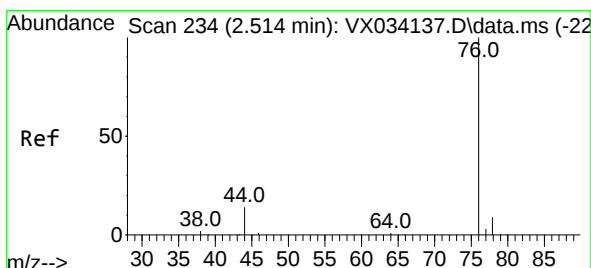
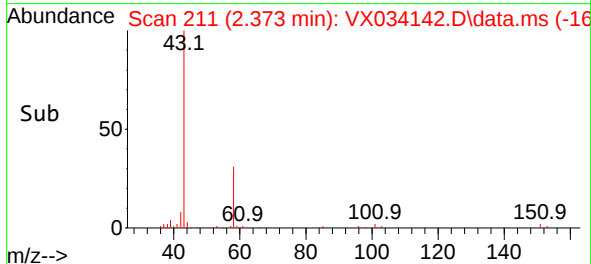
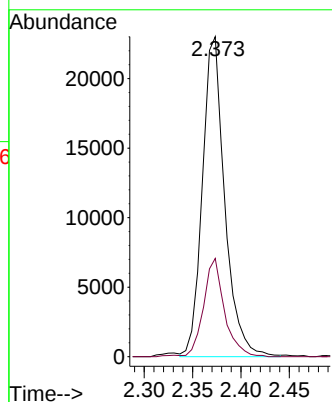
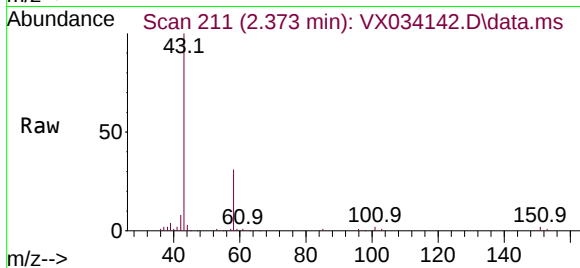
VICV625

Tgt Ion: 43 Resp: 37089

Ion Ratio Lower Upper

43 100

58 28.6 0.0 62.8



#14

Carbon disulfide

Concen: 42.808 ug/L

RT: 2.514 min Scan# 234

Delta R.T. -0.000 min

Lab File: VX034142.D

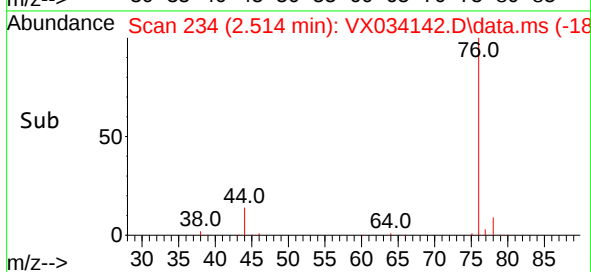
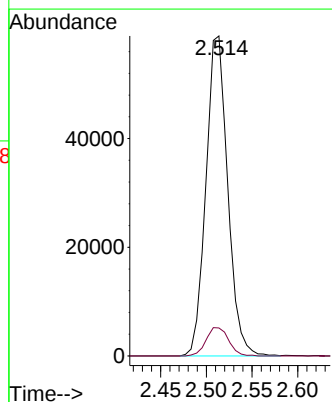
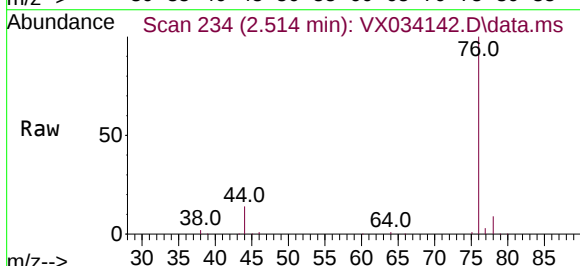
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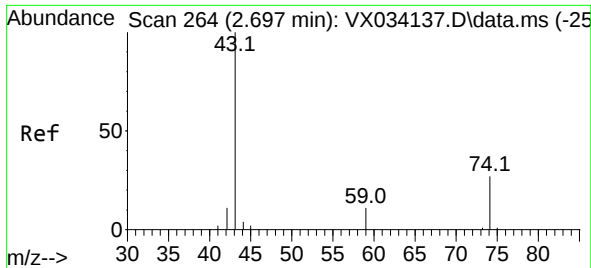
Tgt Ion: 76 Resp: 97508

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

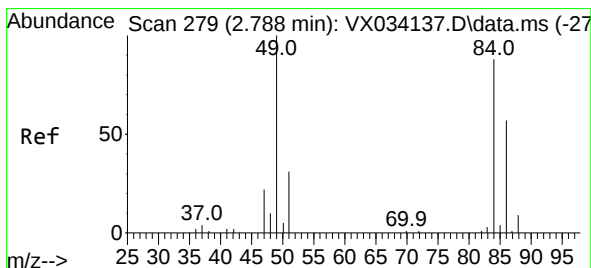
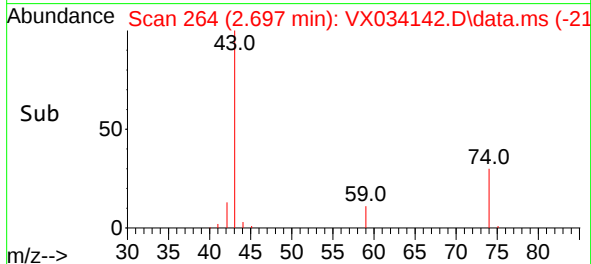
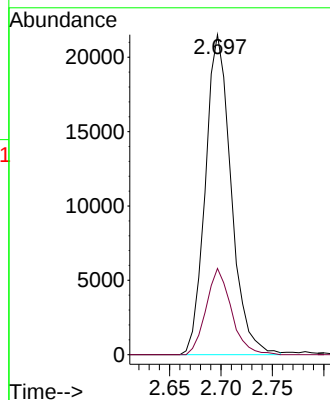
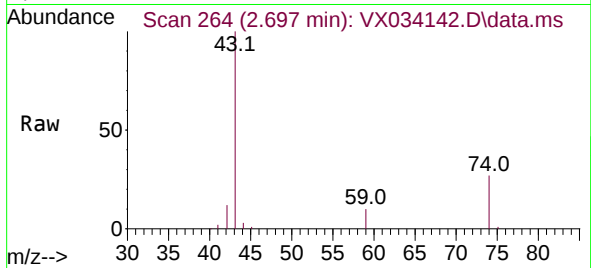




#15
Methyl Acetate
Concen: 48.968 ug/L
RT: 2.697 min Scan# 264
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

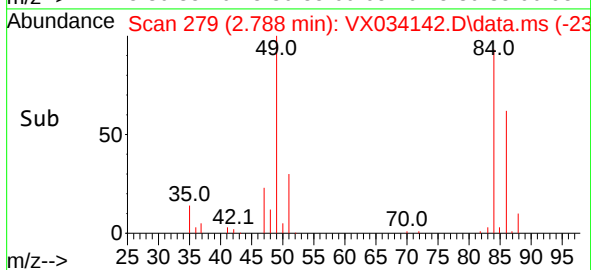
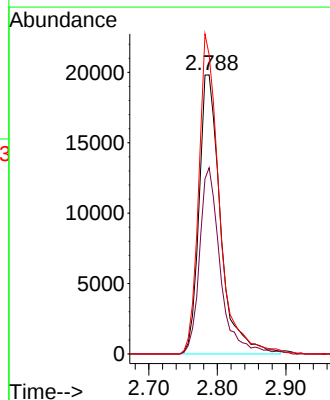
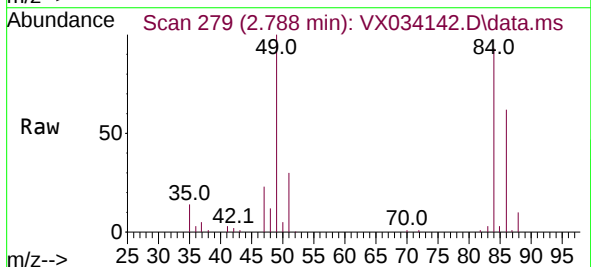
Instrument :
MSVOA_X
ClientSampleId :
VICV625

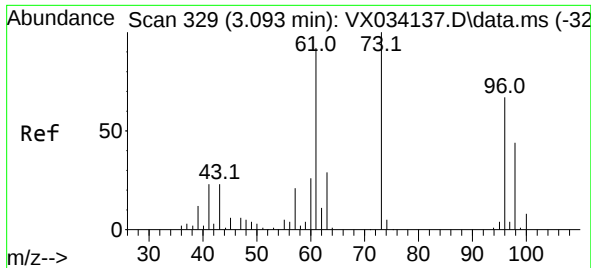
Tgt Ion: 43 Resp: 37563
Ion Ratio Lower Upper
43 100
74 26.3 19.7 29.5



#16
Methylene chloride
Concen: 50.264 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 84 Resp: 43307
Ion Ratio Lower Upper
84 100
86 66.7 45.2 84.0
49 107.1 82.5 153.1

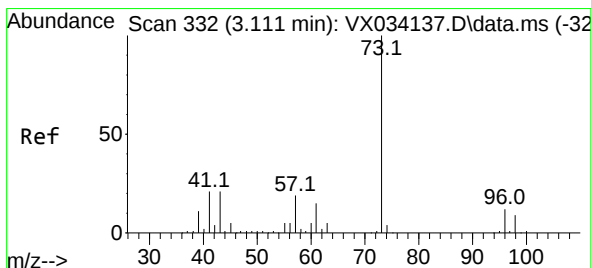
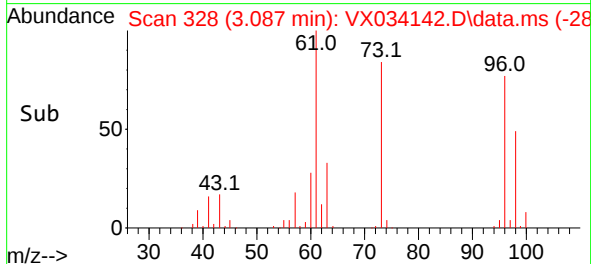
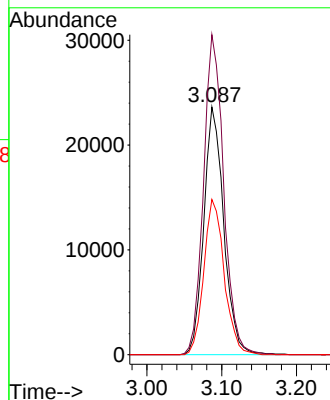
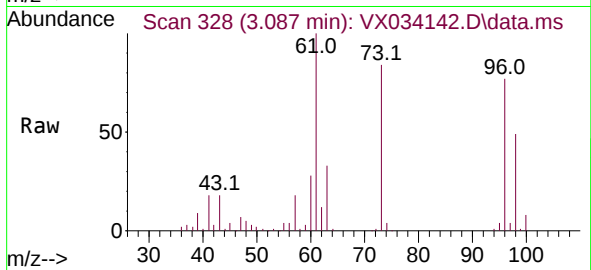




#17
trans-1,2-Dichloroethene
Concen: 51.883 ug/L
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

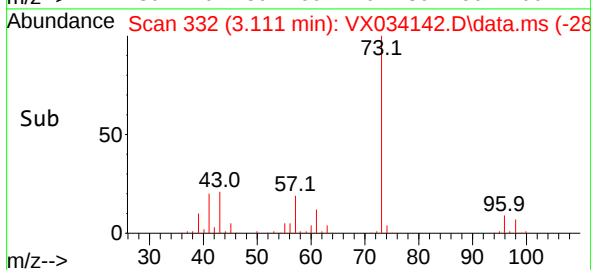
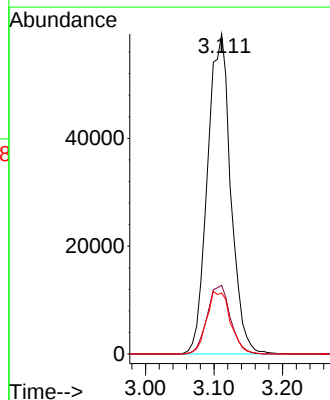
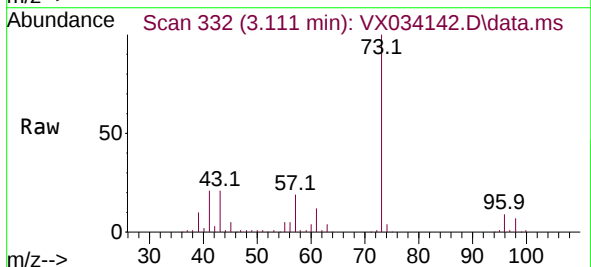
Instrument :
MSVOA_X
ClientSampleId :
VICV625

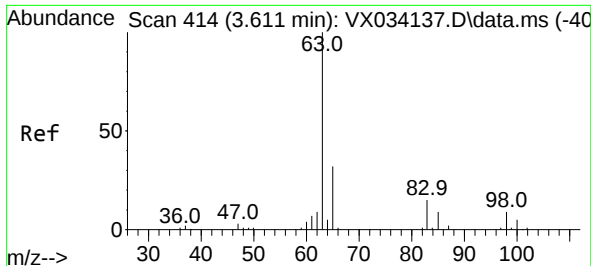
Tgt Ion: 96 Resp: 43924
Ion Ratio Lower Upper
96 100
61 129.2 87.7 162.9
98 62.7 45.4 84.4



#18
Methyl tert-butyl Ether
Concen: 52.389 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 73 Resp: 140435
Ion Ratio Lower Upper
73 100
43 21.4 15.6 23.4
57 19.9 17.5 26.3





#19

1,1-Dichloroethane

Concen: 48.666 ug/L

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

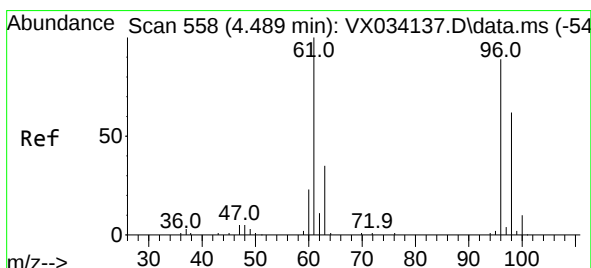
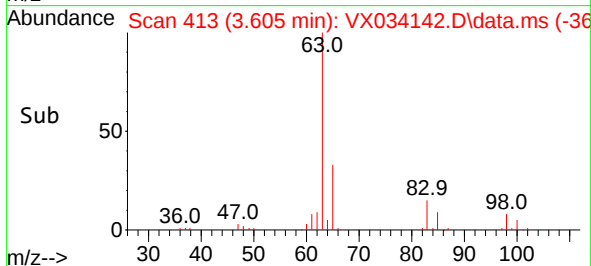
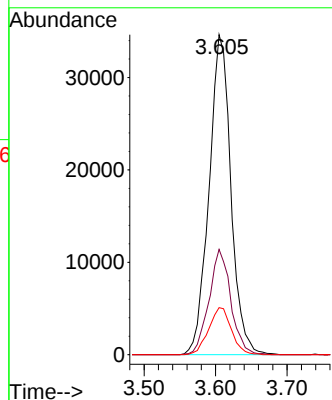
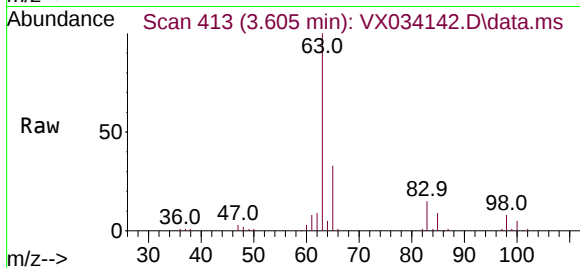
Tgt Ion: 63 Resp: 73632

Ion Ratio Lower Upper

63 100

65 32.9 21.9 40.7

83 14.7 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 50.988 ug/L

RT: 4.477 min Scan# 556

Delta R.T. -0.012 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

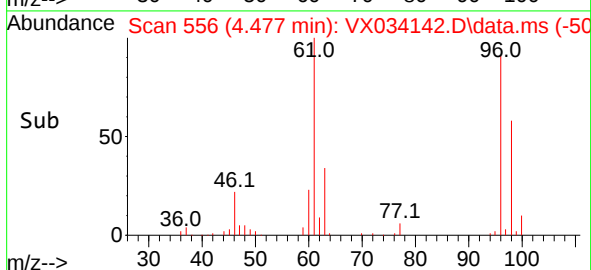
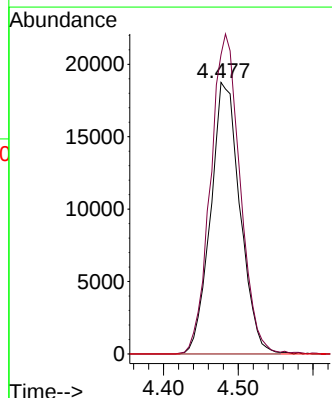
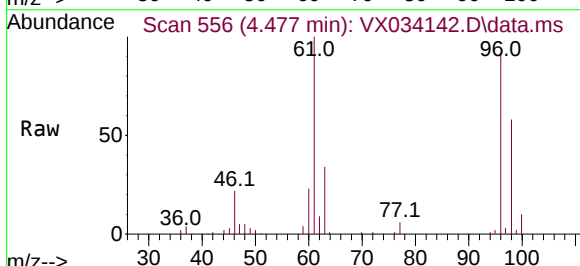
Tgt Ion: 96 Resp: 51313

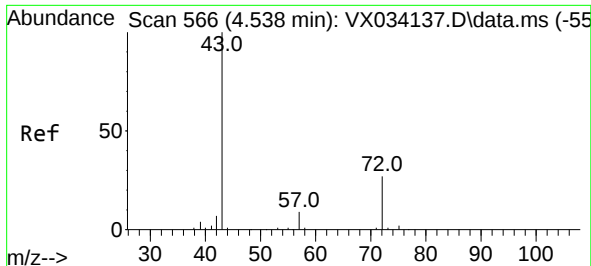
Ion Ratio Lower Upper

96 100

61 110.2 80.3 149.1

68 0.0 0.0 0.0

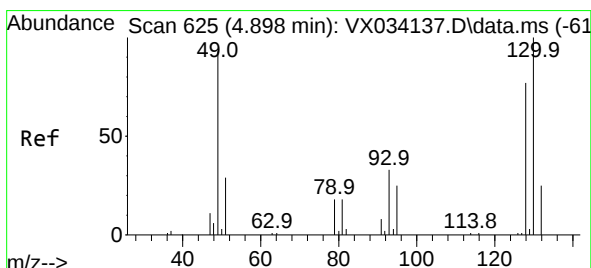
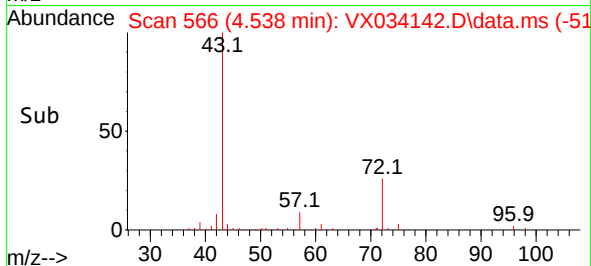
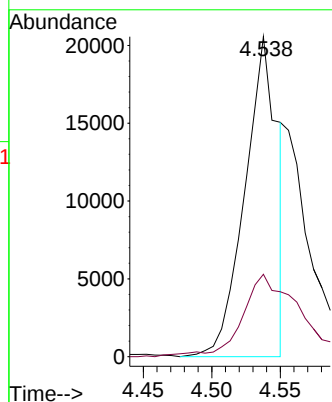
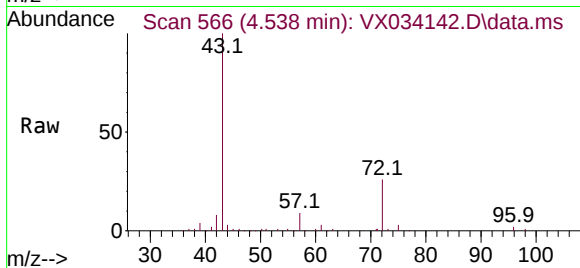




#22
2-Butanone
Concen: 61.539 ug/L
RT: 4.538 min Scan# 566
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

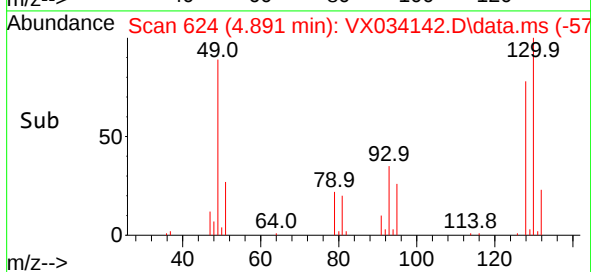
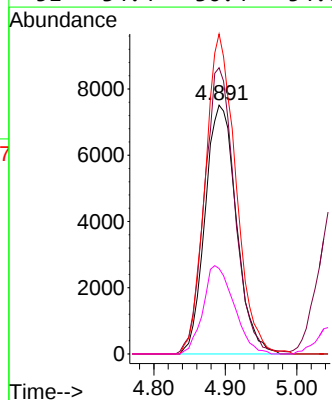
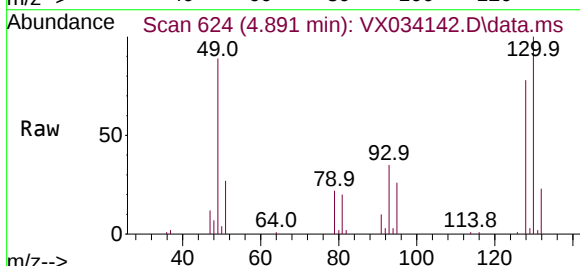
Instrument :
MSVOA_X
ClientSampleId :
VICV625

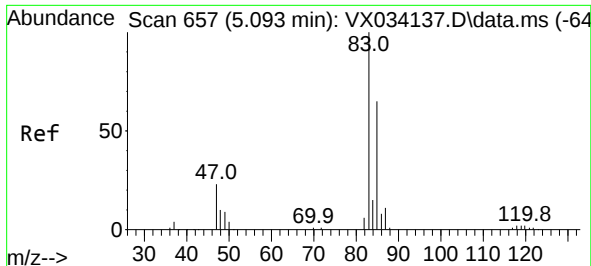
Tgt Ion: 43 Resp: 34180
Ion Ratio Lower Upper
43 100
72 43.6 13.2 39.6#



#23
Bromochloromethane
Concen: 39.137 ug/L
RT: 4.891 min Scan# 624
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion:128 Resp: 22836
Ion Ratio Lower Upper
128 100
49 115.0 94.7 175.9
130 128.6 91.3 169.6
51 34.4 36.4 54.6#





#25

Chloroform

Concen: 40.789 ug/L

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

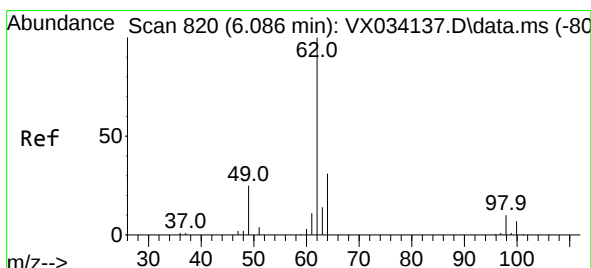
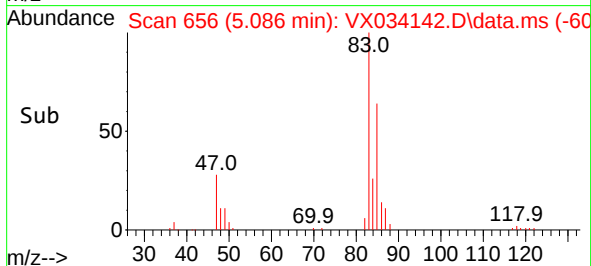
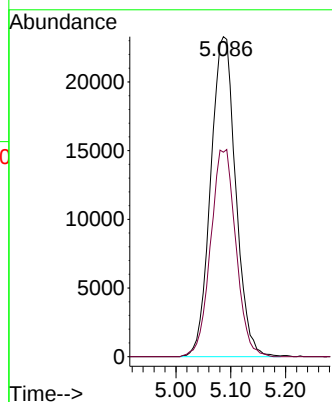
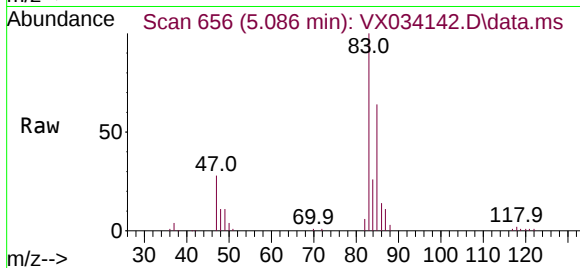
VICV625

Tgt Ion: 83 Resp: 73671

Ion Ratio Lower Upper

83 100

85 63.9 47.0 87.4



#27

1,2-Dichloroethane

Concen: 51.519 ug/L

RT: 6.080 min Scan# 819

Delta R.T. -0.006 min

Lab File: VX034142.D

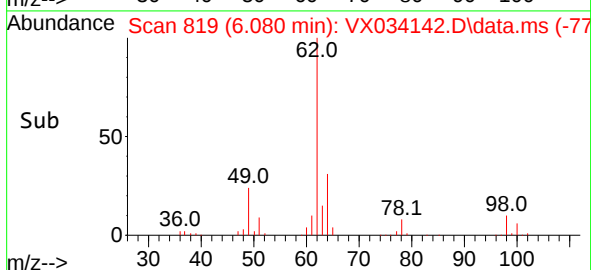
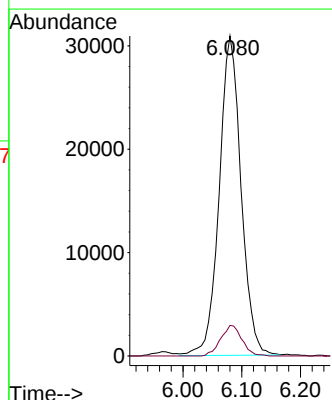
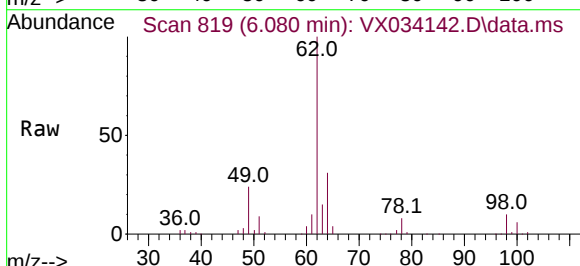
Acq: 13 Feb 2023 14:02

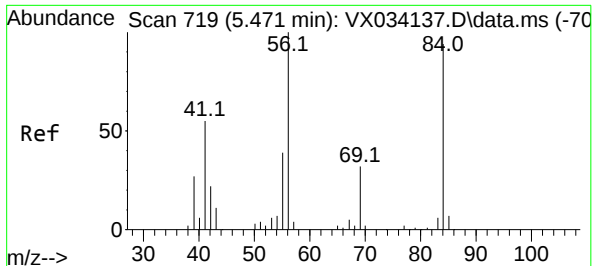
Tgt Ion: 62 Resp: 79792

Ion Ratio Lower Upper

62 100

98 9.6 9.1 13.7





#29

Cyclohexane

Concen: 42.304 ug/L

RT: 5.458 min Scan# 717

Delta R.T. -0.012 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

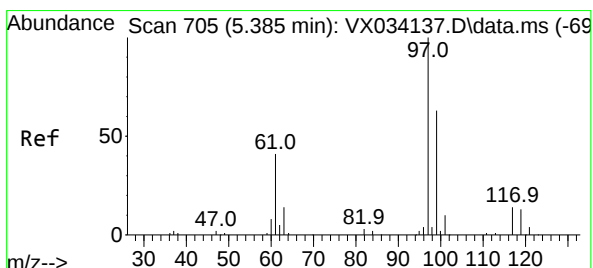
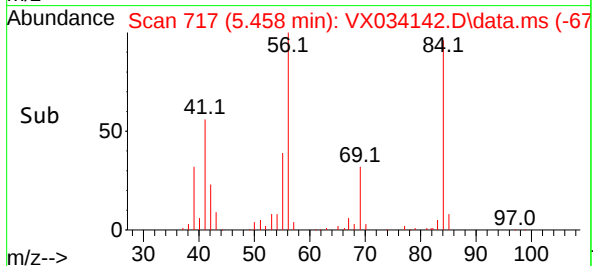
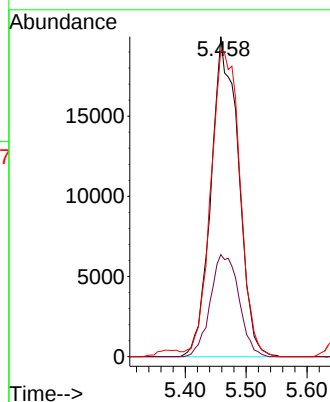
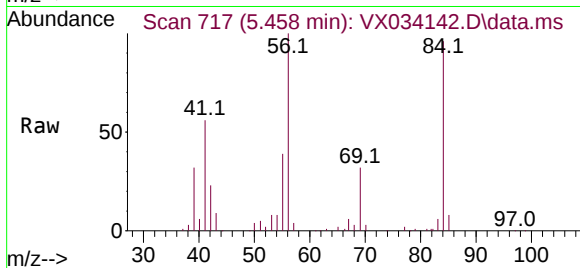
Tgt Ion: 56 Resp: 62307

Ion Ratio Lower Upper

56 100

69 33.3 24.8 37.2

84 101.9 73.2 109.8



#30

1,1,1-Trichloroethane

Concen: 47.712 ug/L

RT: 5.373 min Scan# 703

Delta R.T. -0.012 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

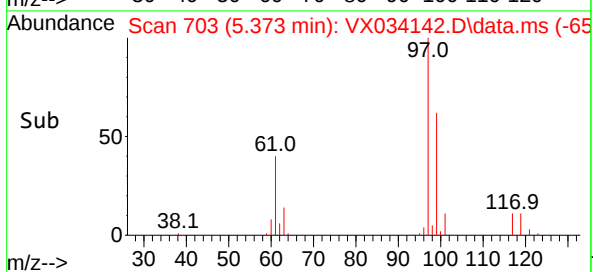
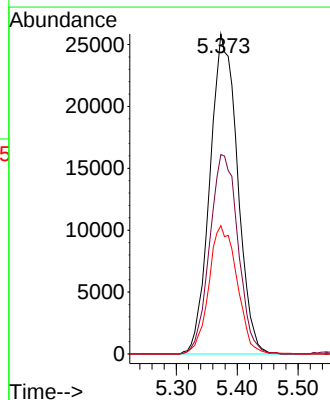
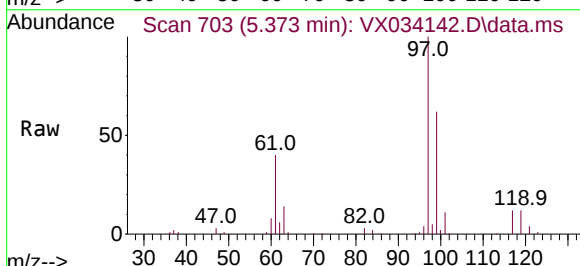
Tgt Ion: 97 Resp: 81481

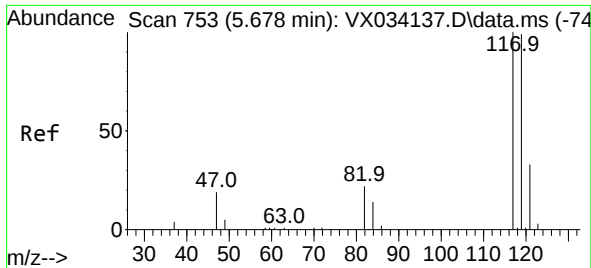
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

61 40.7 34.7 52.1

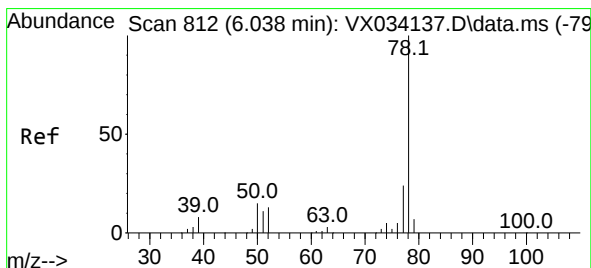
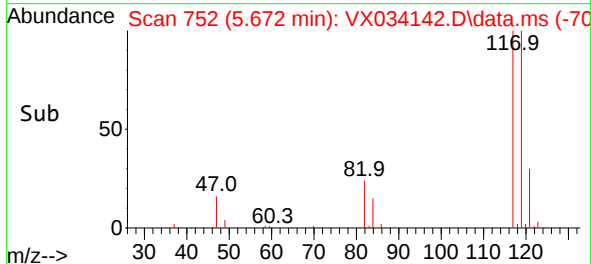
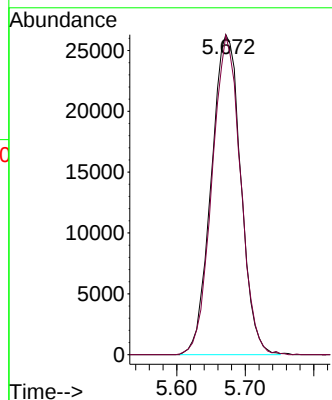
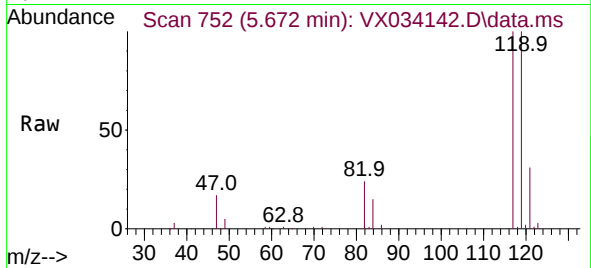




#31
Carbon tetrachloride
Concen: 47.983 ug/L
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

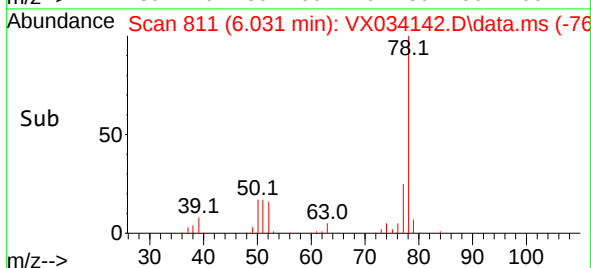
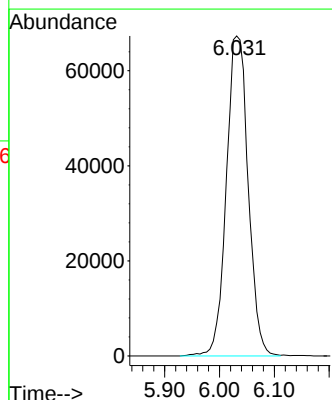
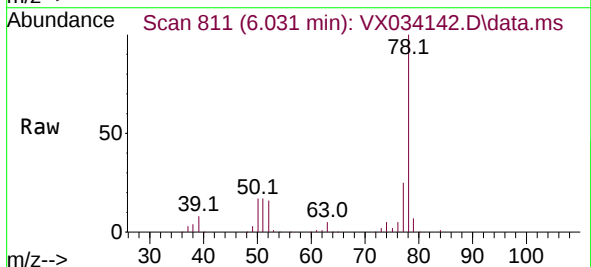
Instrument :
MSVOA_X
ClientSampleId :
VICV625

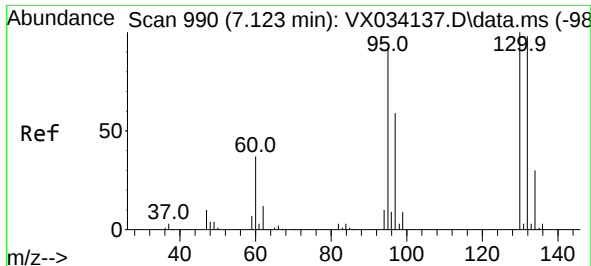
Tgt Ion:117 Resp: 78466
Ion Ratio Lower Upper
117 100
119 96.0 77.1 115.7



#33
Benzene
Concen: 47.208 ug/L
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 78 Resp: 186517



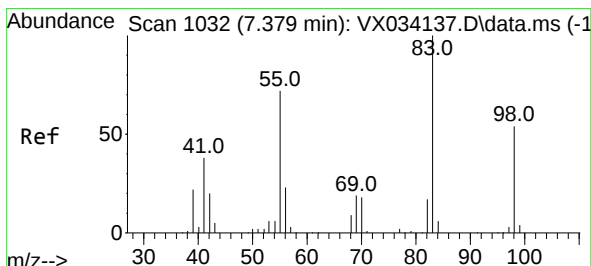
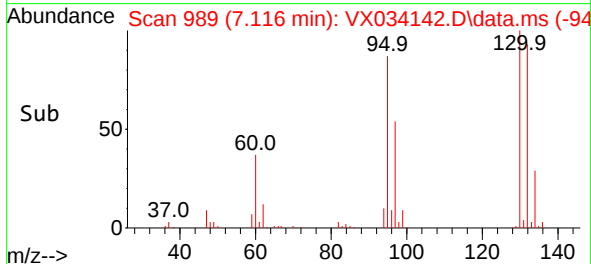
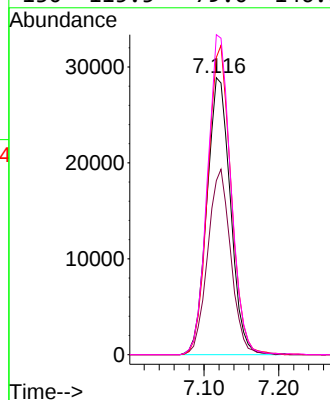
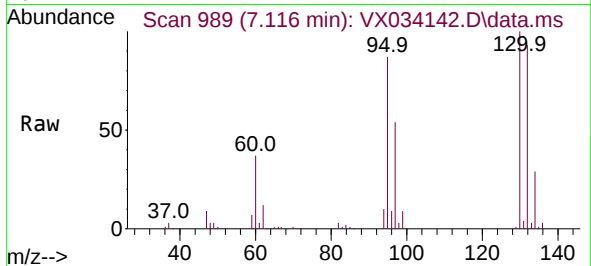


#34
Trichloroethene
Concen: 52.048 ug/L
RT: 7.116 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Instrument :
MSVOA_X
ClientSampleId :
VICV625

Tgt Ion: 95 Resp: 63157

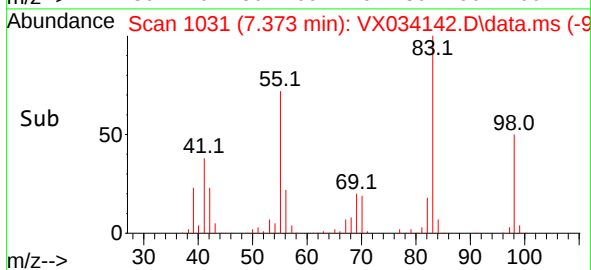
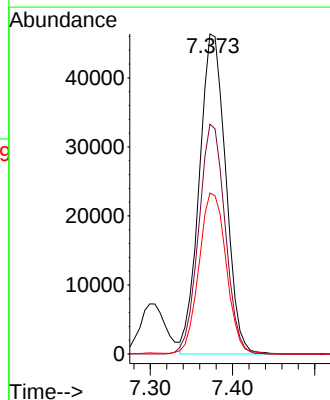
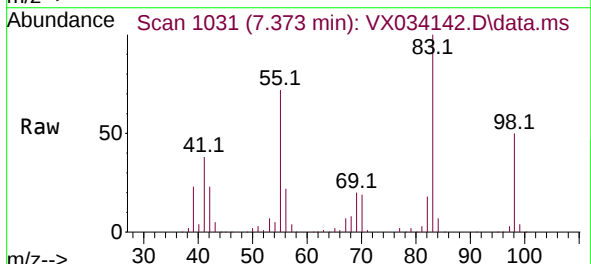
Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.8	87.0
132	107.3	76.2	141.4
130	115.5	79.0	146.6

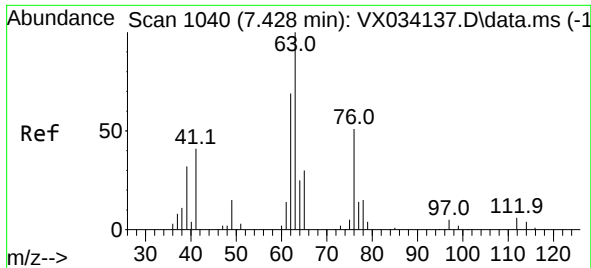


#35
Methylcyclohexane
Concen: 53.677 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 83 Resp: 103550

Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.0	88.4
98	51.8	40.6	60.8





#37

1,2-Dichloropropane

Concen: 51.020 ug/L

RT: 7.427 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

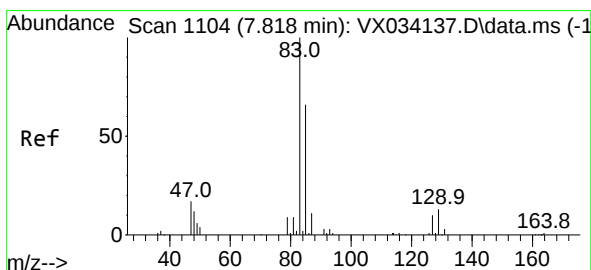
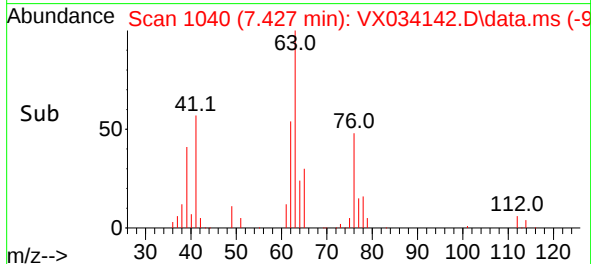
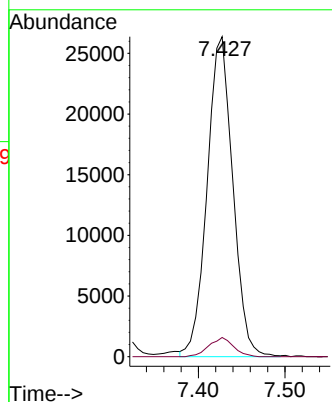
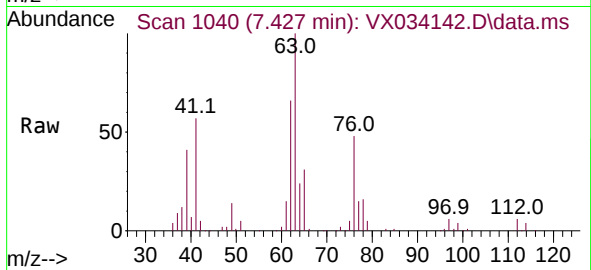
VICV625

Tgt Ion: 63 Resp: 54361

Ion Ratio Lower Upper

63 100

112 5.7 4.1 6.1



#38

Bromodichloromethane

Concen: 52.772 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

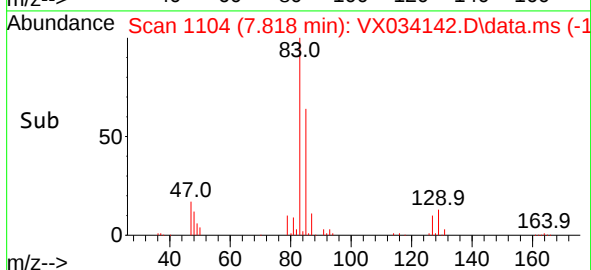
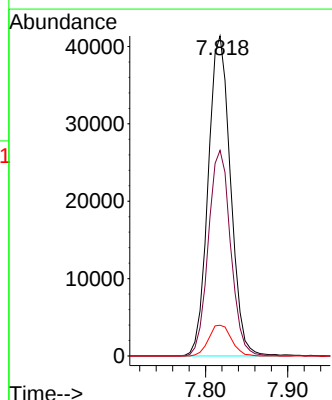
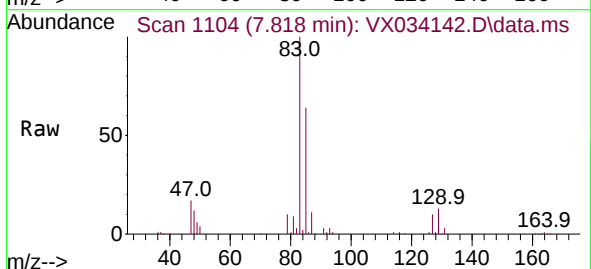
Tgt Ion: 83 Resp: 78043

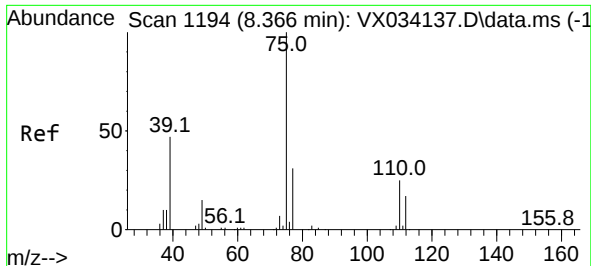
Ion Ratio Lower Upper

83 100

85 64.3 46.3 85.9

127 9.6 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 57.013 ug/L

RT: 8.360 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

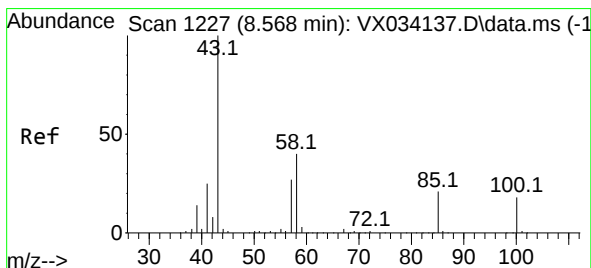
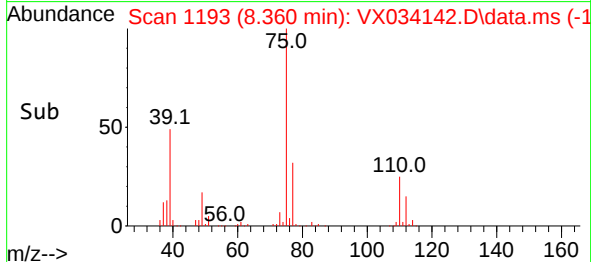
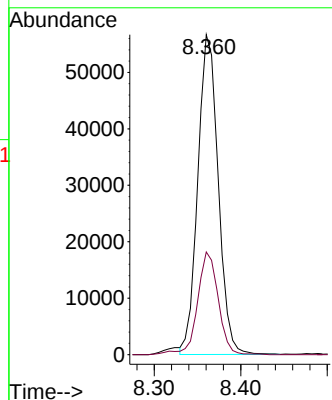
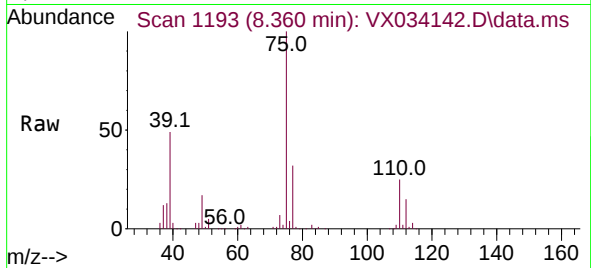
VICV625

Tgt Ion: 75 Resp: 92679

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 114.964 ug/L

RT: 8.567 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

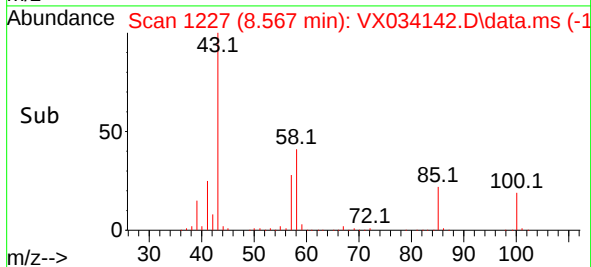
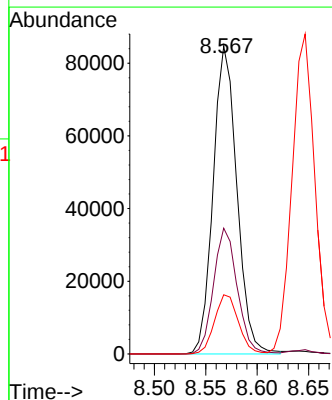
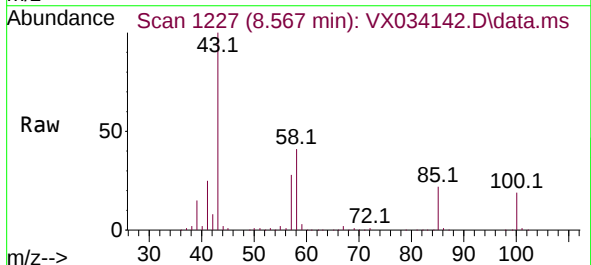
Tgt Ion: 43 Resp: 136056

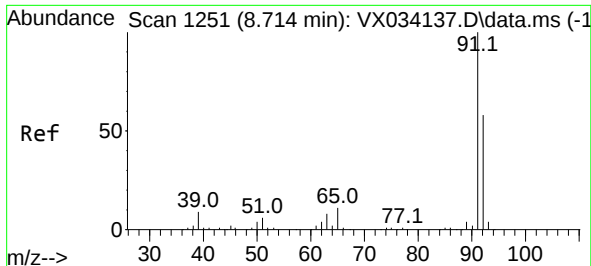
Ion Ratio Lower Upper

43 100

58 40.8 31.9 47.9

100 19.4 14.4 21.6





#42

Toluene

Concen: 59.720 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

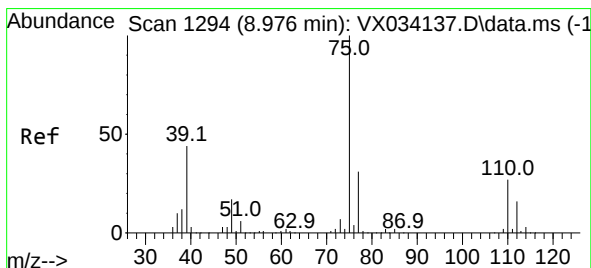
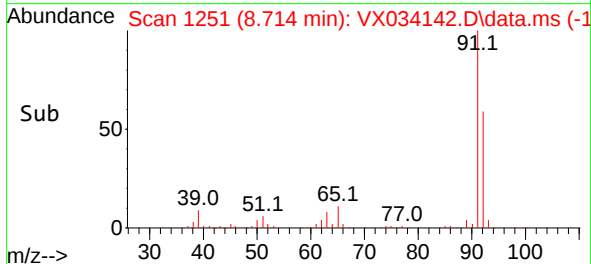
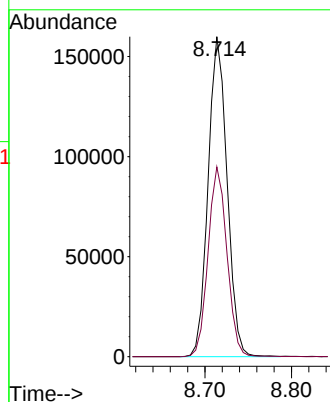
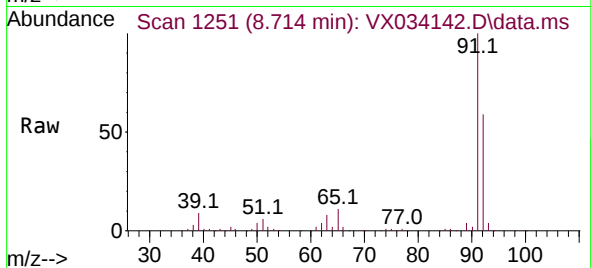
VICV625

Tgt Ion: 91 Resp: 243415

Ion Ratio Lower Upper

91 100

92 59.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 58.294 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX034142.D

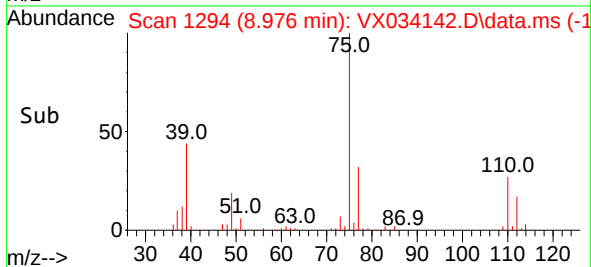
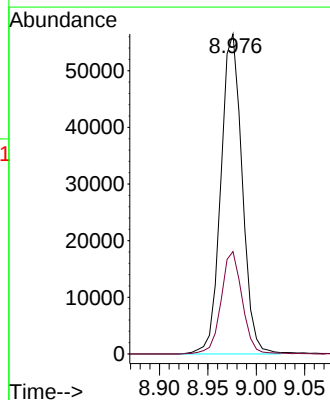
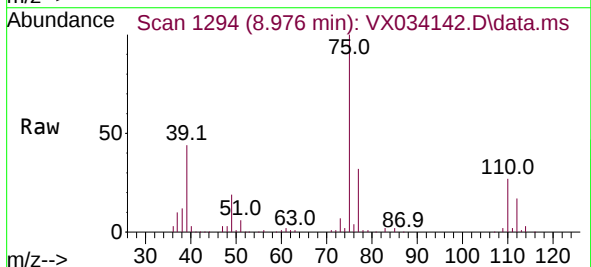
Acq: 13 Feb 2023 14:02

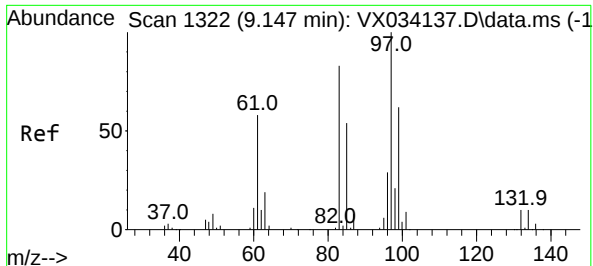
Tgt Ion: 75 Resp: 86512

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3





#45

1,1,2-Trichloroethane

Concen: 57.138 ug/L

RT: 9.147 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

Tgt Ion: 97 Resp: 59281

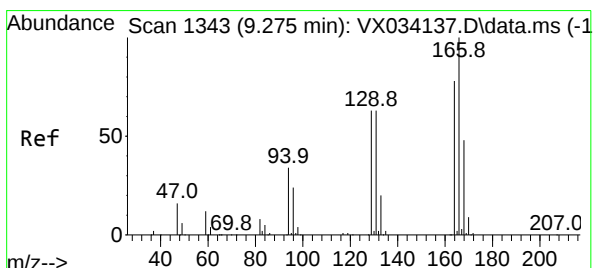
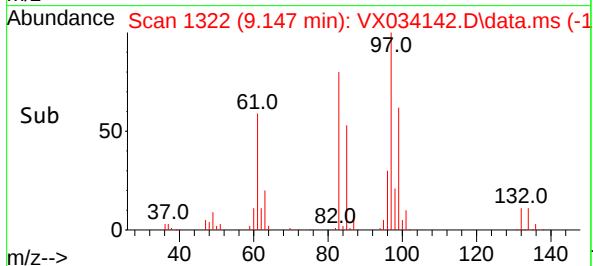
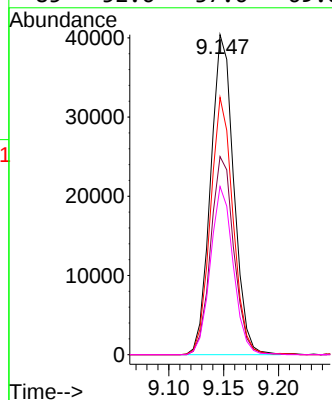
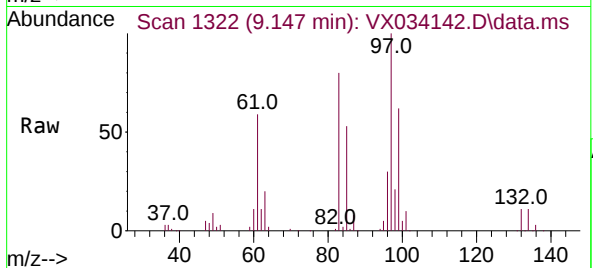
Ion Ratio Lower Upper

97 100

99 61.9 43.5 80.9

83 80.4 56.8 105.4

85 52.6 37.6 69.8



#46

Tetrachloroethene

Concen: 56.717 ug/L

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Tgt Ion: 164 Resp: 61852

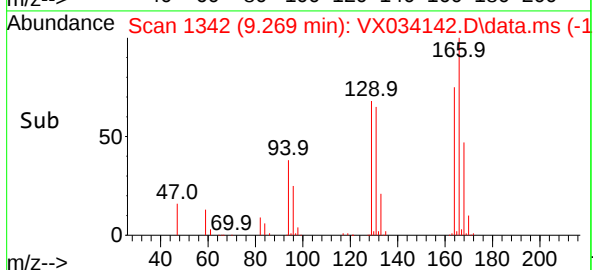
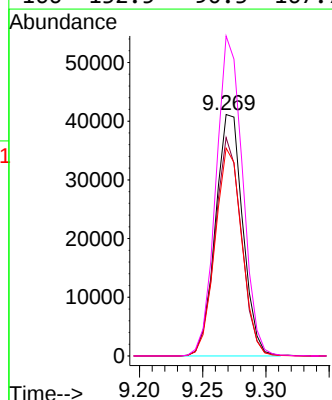
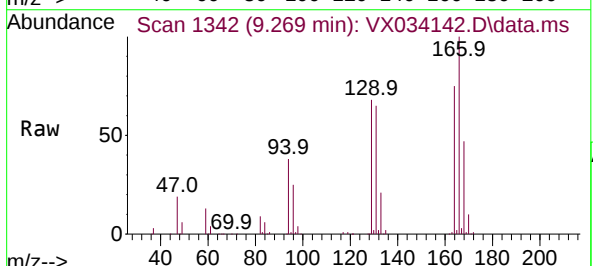
Ion Ratio Lower Upper

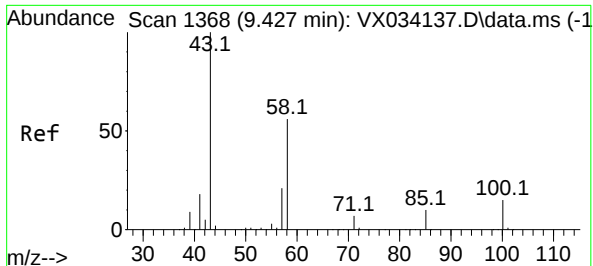
164 100

129 90.4 59.3 110.1

131 86.0 56.1 104.3

166 132.5 90.3 167.7



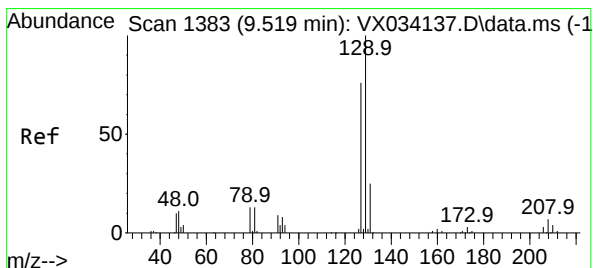
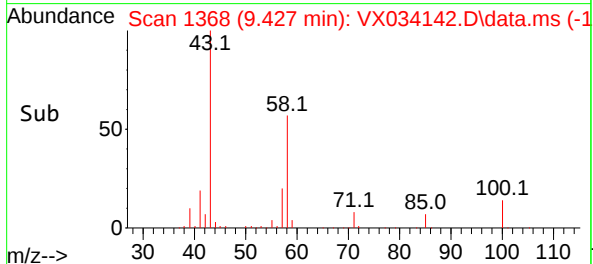
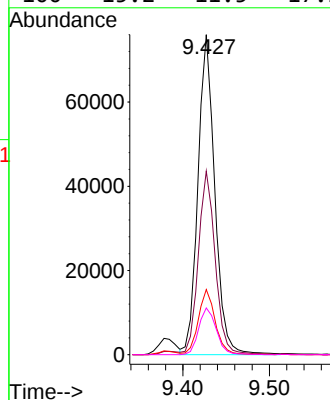
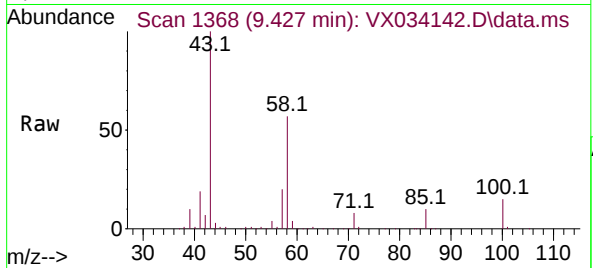


#48
2-Hexanone
Concen: 115.659 ug/L
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Instrument :
MSVOA_X
ClientSampleId :
VICV625

Tgt Ion: 43 Resp: 102992

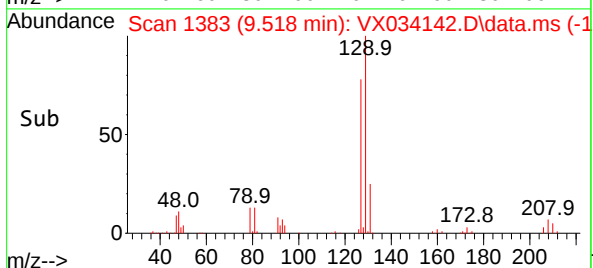
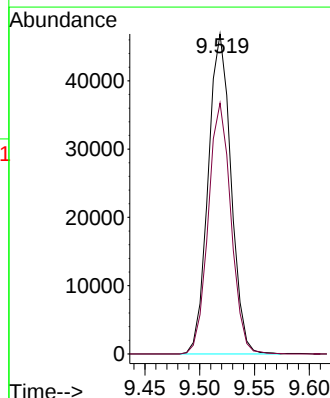
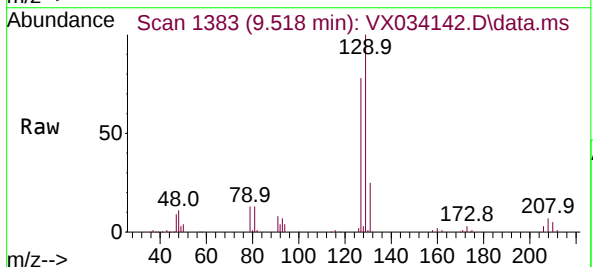
Ion	Ratio	Lower	Upper
43	100		
58	57.4	45.7	68.5
57	20.5	15.8	23.8
100	15.2	11.5	17.3

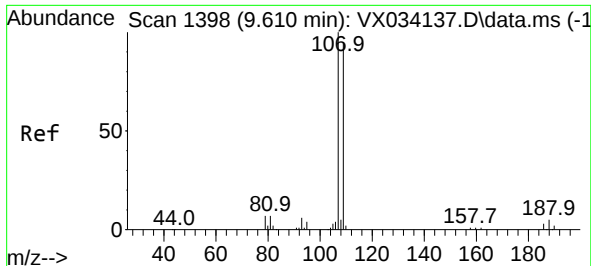


#49
Dibromochloromethane
Concen: 55.387 ug/L
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 129 Resp: 68069

Ion	Ratio	Lower	Upper
129	100		
127	78.4	53.3	98.9





#50

1,2-Dibromoethane

Concen: 55.142 ug/L

RT: 9.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

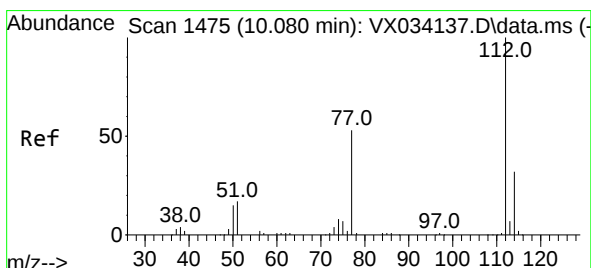
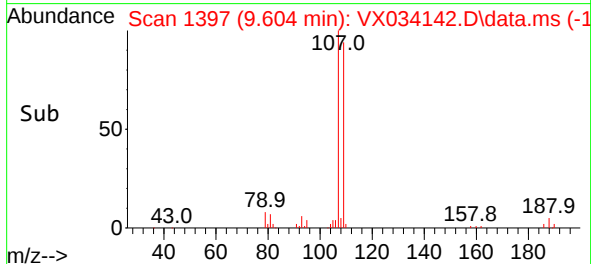
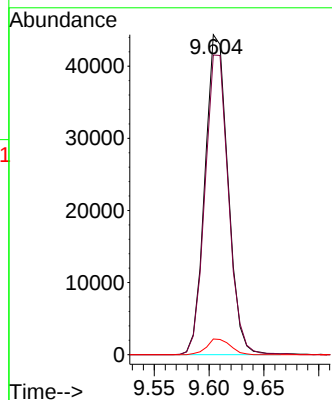
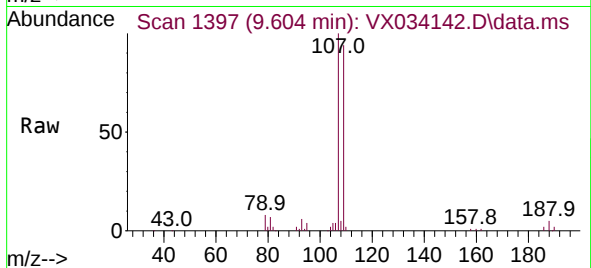
Tgt Ion:107 Resp: 64943

Ion Ratio Lower Upper

107 100

109 93.7 64.9 120.5

188 4.9 3.3 4.9



#51

Chlorobenzene

Concen: 53.868 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

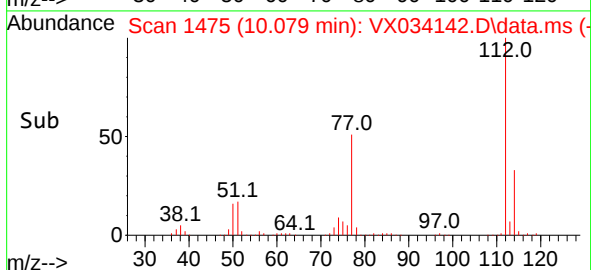
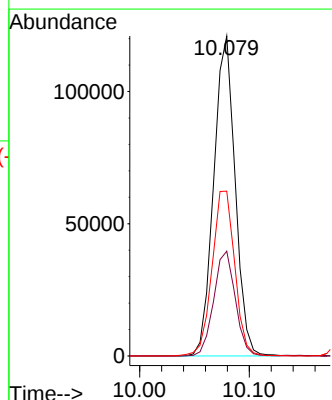
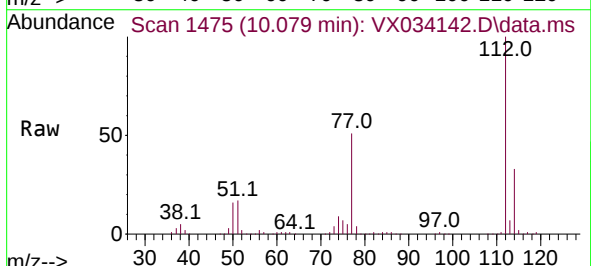
Tgt Ion:112 Resp: 164496

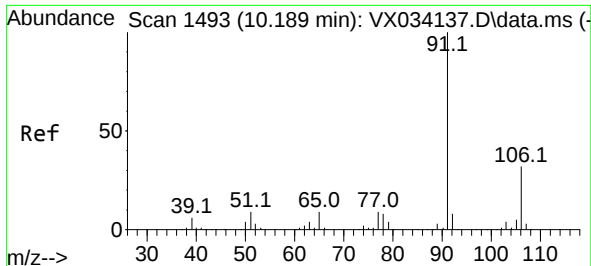
Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

77 51.5 43.4 65.0





#52

Ethylbenzene

Concen: 54.377 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

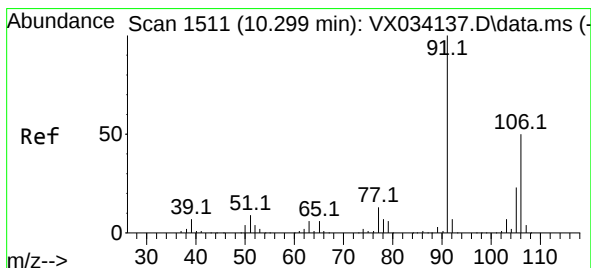
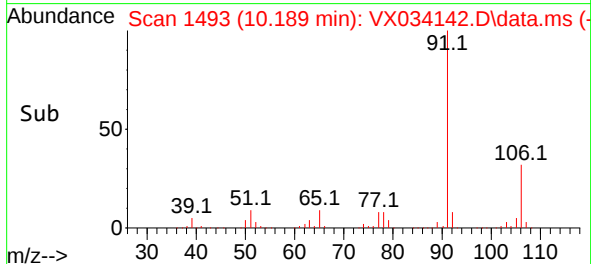
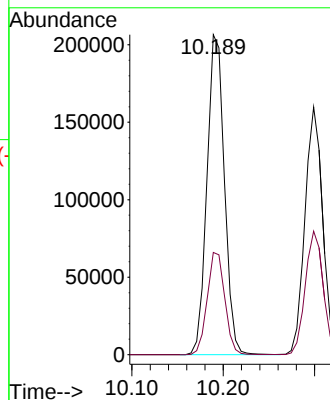
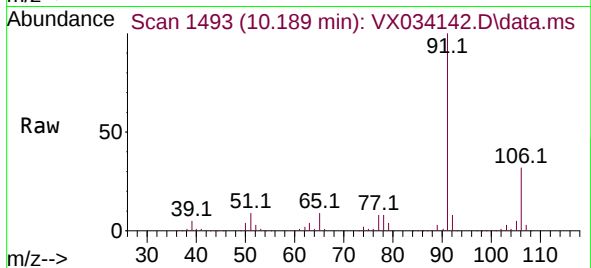
VICV625

Tgt Ion: 91 Resp: 273242

Ion Ratio Lower Upper

91 100

106 32.0 23.2 43.0



#53

m,p-Xylene

Concen: 53.719 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX034142.D

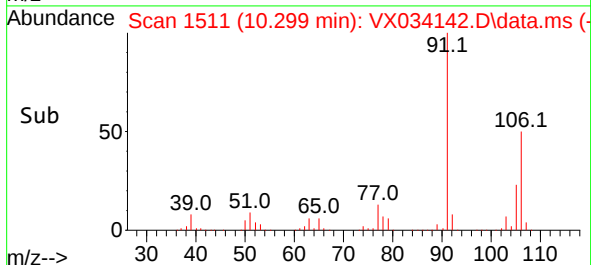
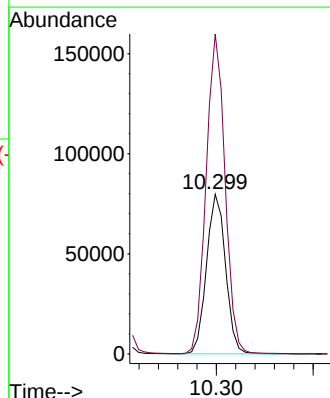
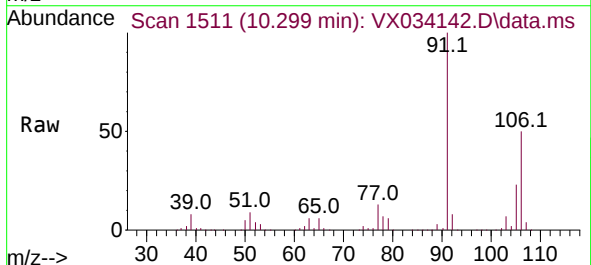
Acq: 13 Feb 2023 14:02

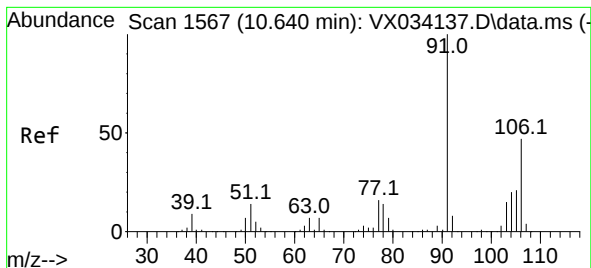
Tgt Ion:106 Resp: 109156

Ion Ratio Lower Upper

106 100

91 200.4 135.2 251.0





#54

o-Xylene

Concen: 52.107 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

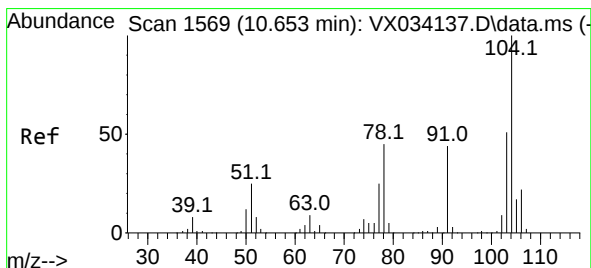
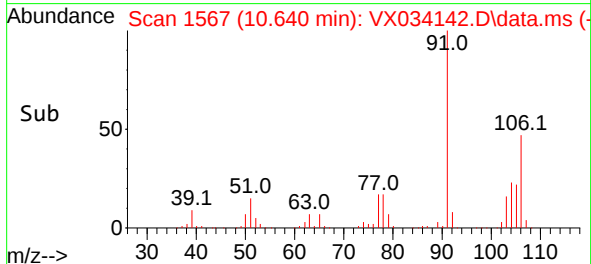
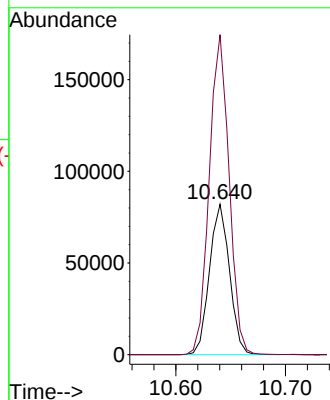
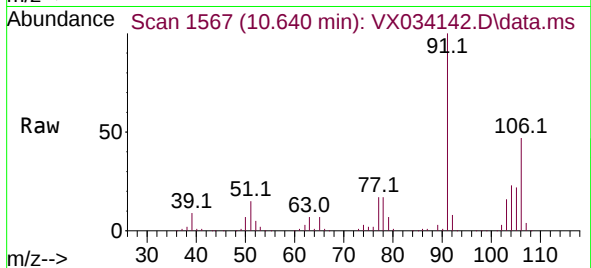
VICV625

Tgt Ion:106 Resp: 104239

Ion Ratio Lower Upper

106 100

91 212.8 140.2 260.4



#55

Styrene

Concen: 52.490 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VX034142.D

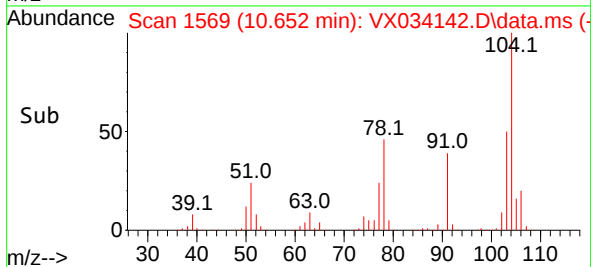
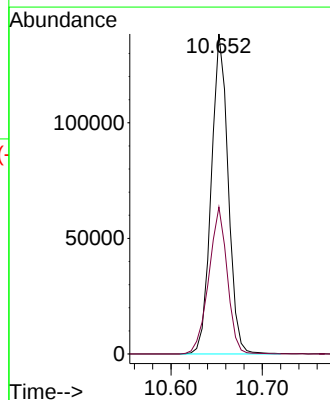
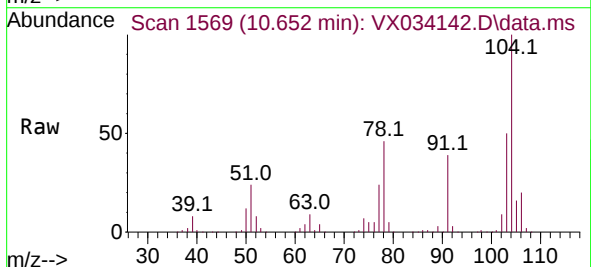
Acq: 13 Feb 2023 14:02

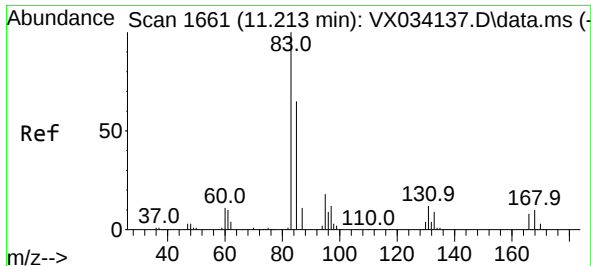
Tgt Ion:104 Resp: 177346

Ion Ratio Lower Upper

104 100

78 45.9 30.0 55.8





#57

1,1,2,2-Tetrachloroethane

Concen: 51.346 ug/L

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

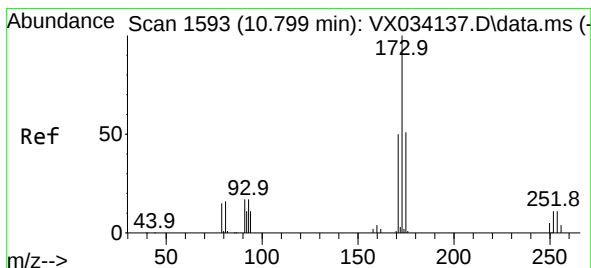
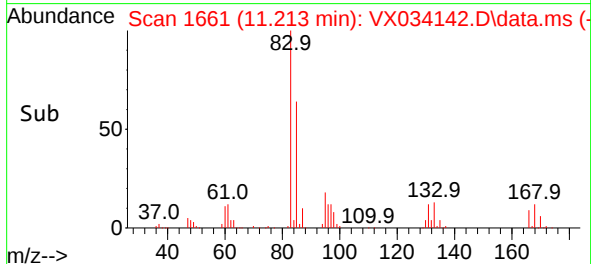
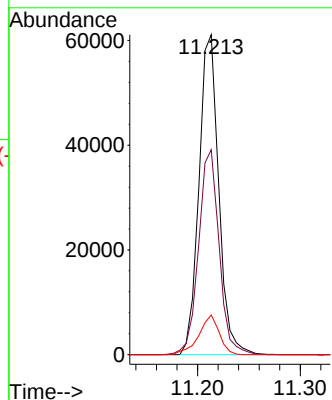
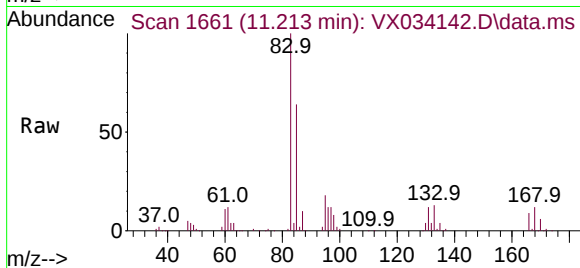
Tgt Ion: 83 Resp: 81883

Ion Ratio Lower Upper

83 100

85 64.1 45.8 85.0

131 12.4 9.1 13.7



#59

Bromoform

Concen: 54.097 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

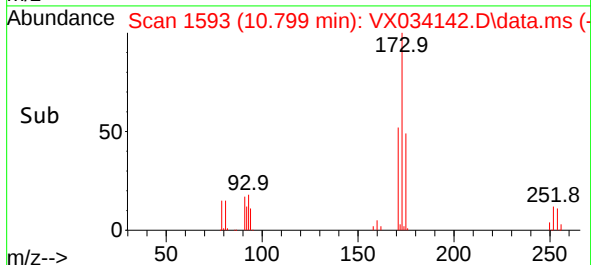
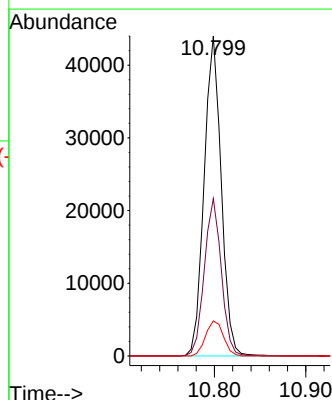
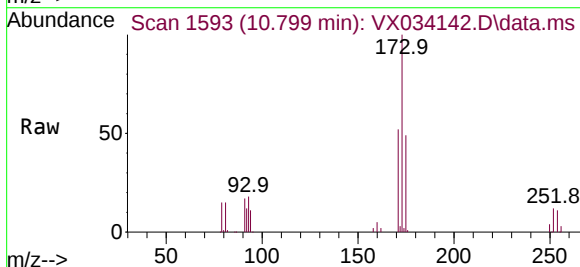
Tgt Ion:173 Resp: 57071

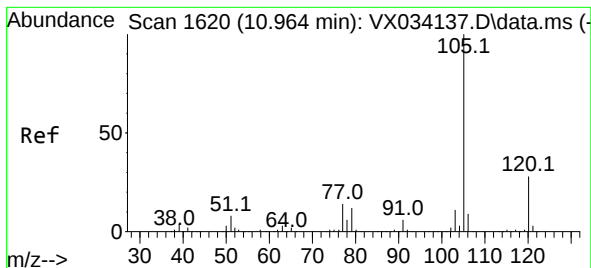
Ion Ratio Lower Upper

173 100

175 48.8 38.3 57.5

254 11.5 9.1 13.7





#60

Isopropylbenzene

Concen: 54.590 ug/L

RT: 10.963 min Scan# 1

Delta R.T. -0.001 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

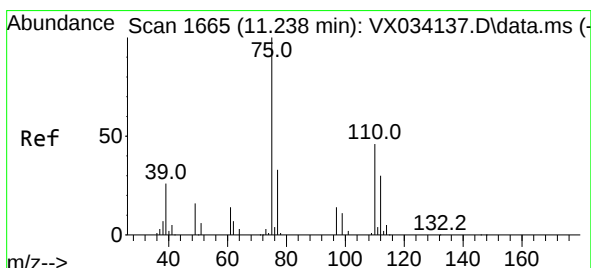
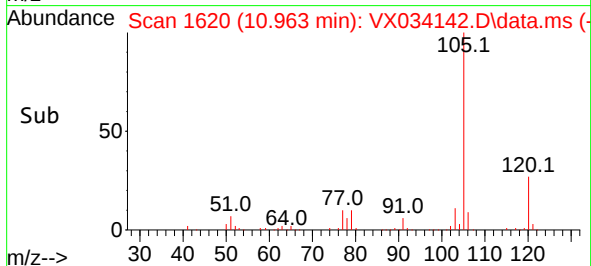
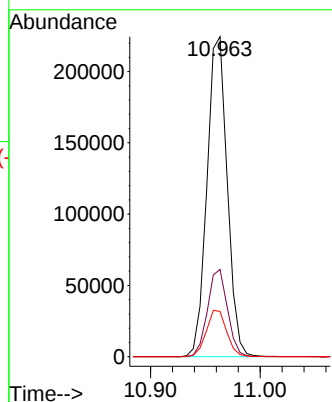
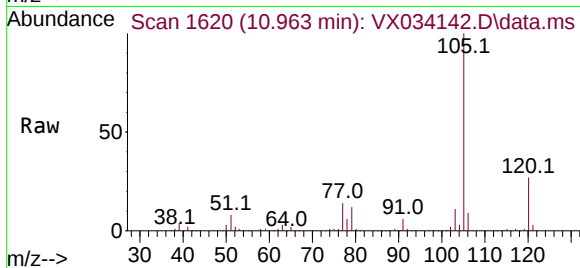
Tgt Ion:105 Resp: 288183

Ion Ratio Lower Upper

105 100

120 26.9 21.8 32.6

77 14.6 11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 52.082 ug/L

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

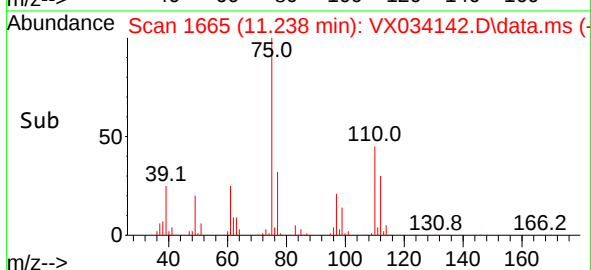
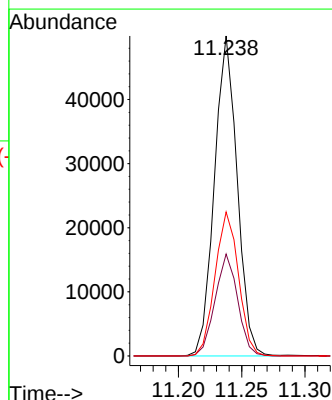
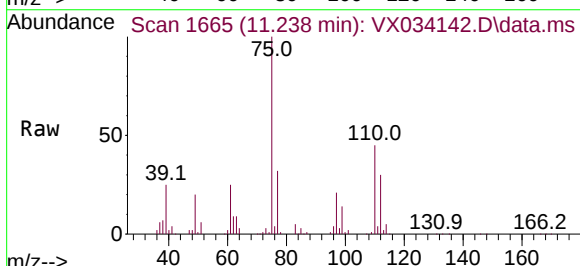
Tgt Ion: 75 Resp: 62452

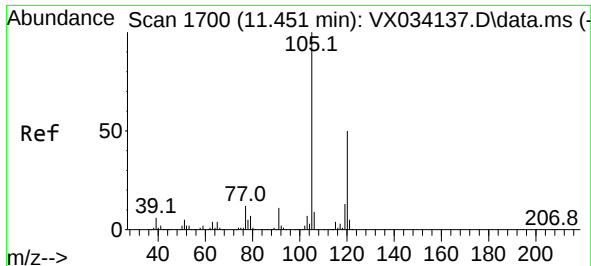
Ion Ratio Lower Upper

75 100

77 31.5 26.1 39.1

110 46.3 34.2 51.4





#62

1,3,5-Trimethylbenzene

Concen: 54.582 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

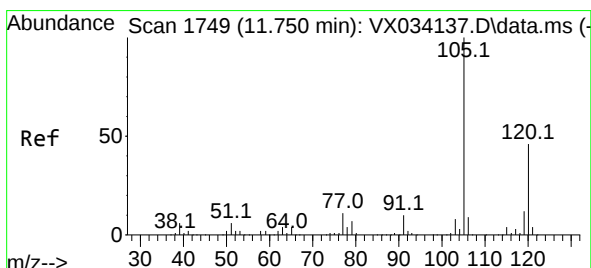
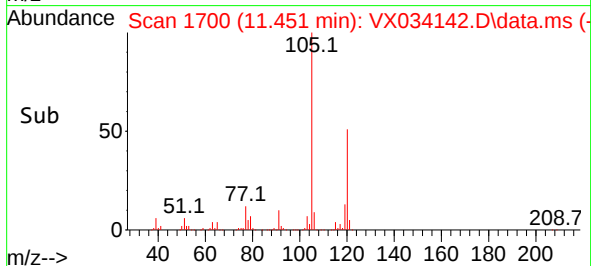
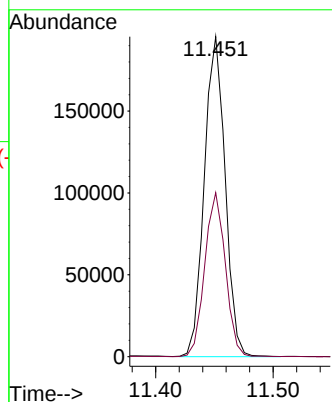
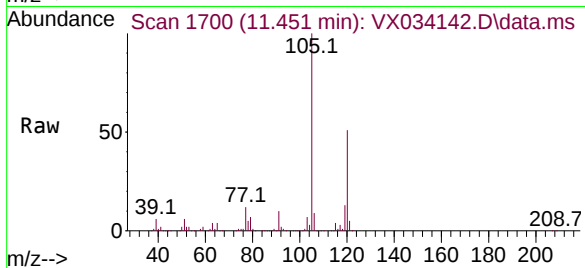
VICV625

Tgt Ion:105 Resp: 240765

Ion Ratio Lower Upper

105 100

120 50.8 41.3 61.9



#63

1,2,4-Trimethylbenzene

Concen: 54.902 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX034142.D

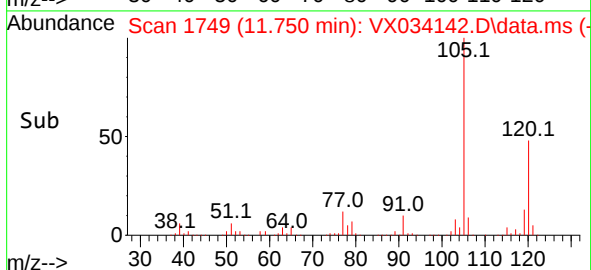
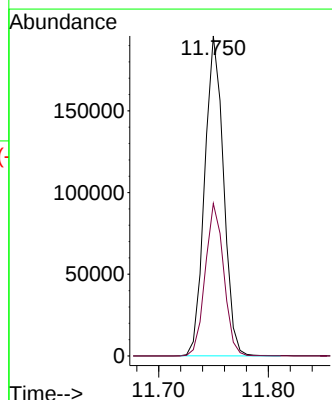
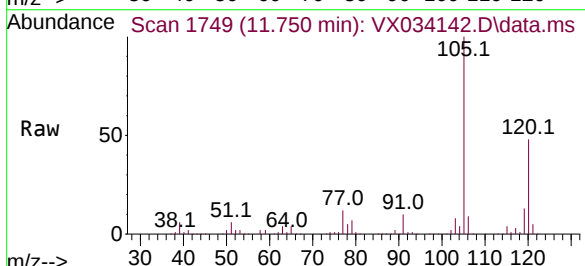
Acq: 13 Feb 2023 14:02

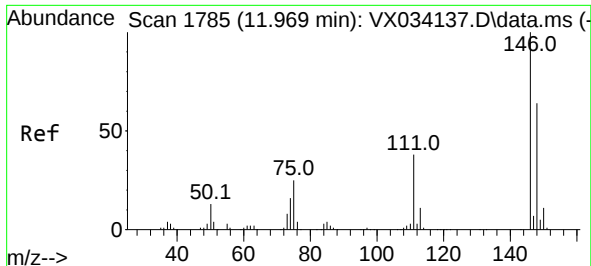
Tgt Ion:105 Resp: 233675

Ion Ratio Lower Upper

105 100

120 46.8 38.5 57.7

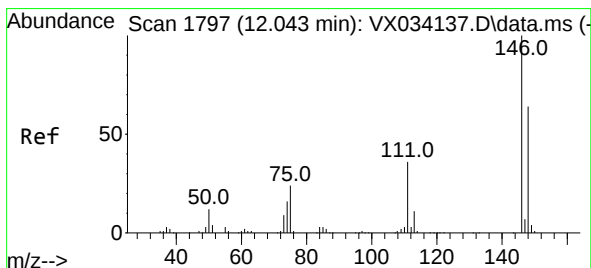
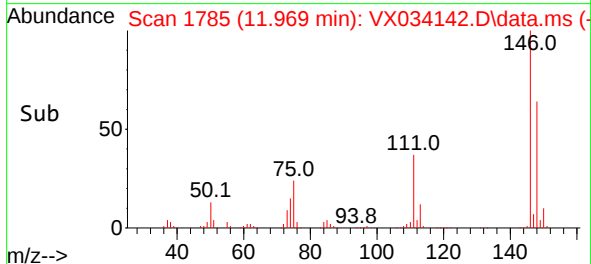
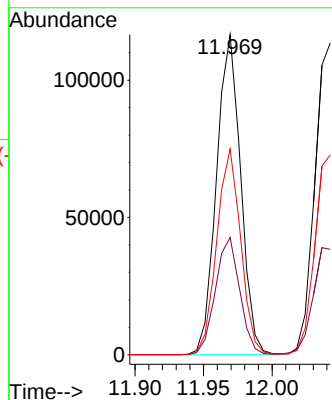
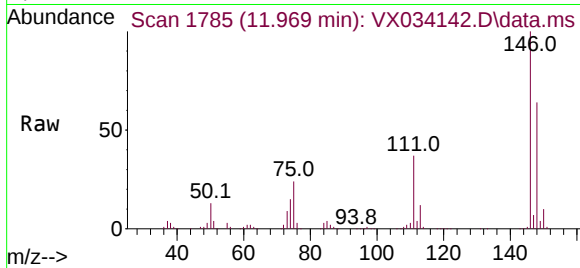




#64
 1,3-Dichlorobenzene
 Concen: 54.207 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.000 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

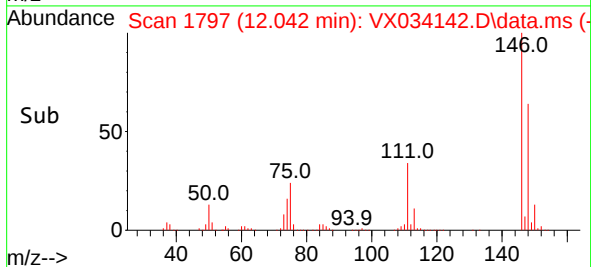
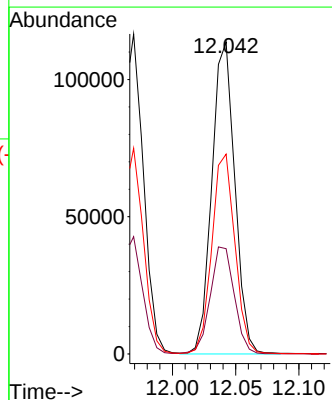
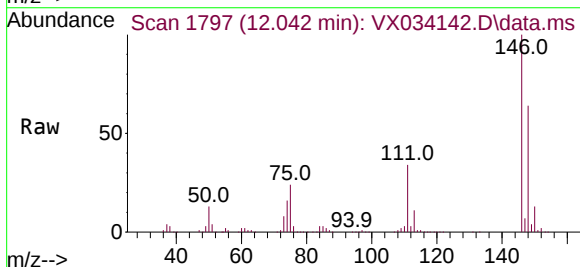
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV625

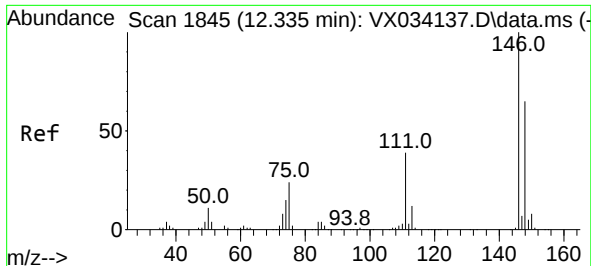
Tgt Ion:146 Resp: 142978
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.5 47.3
 148 64.3 44.9 83.3



#65
 1,4-Dichlorobenzene
 Concen: 53.445 ug/L
 RT: 12.042 min Scan# 1797
 Delta R.T. -0.001 min
 Lab File: VX034142.D
 Acq: 13 Feb 2023 14:02

Tgt Ion:146 Resp: 143884
 Ion Ratio Lower Upper
 146 100
 111 33.7 23.7 44.1
 148 64.1 45.0 83.6

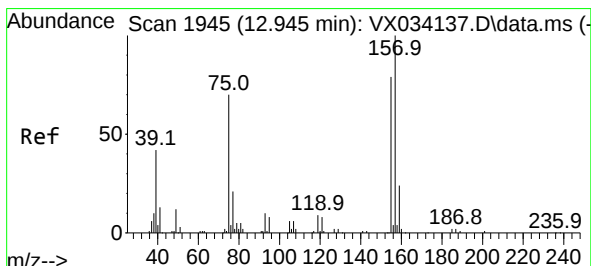
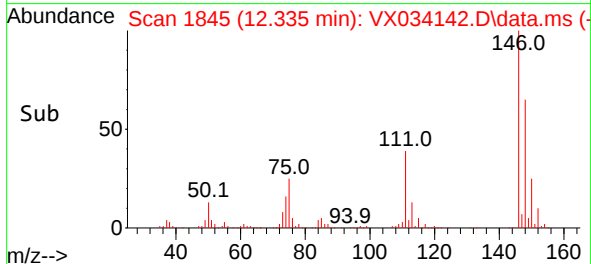
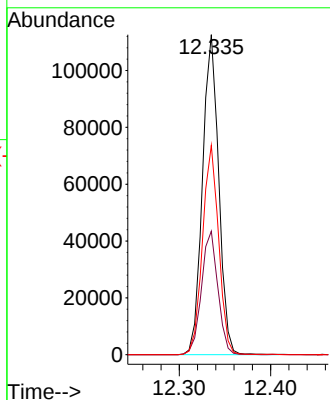
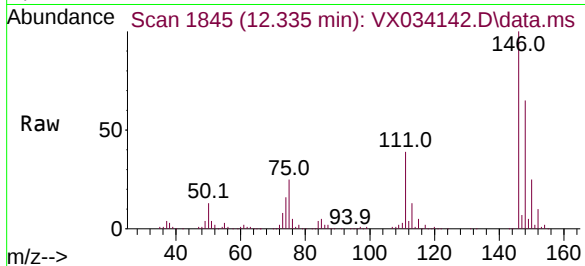




#67
1,2-Dichlorobenzene
Concen: 53.756 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

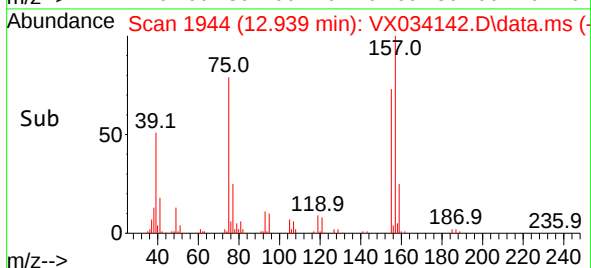
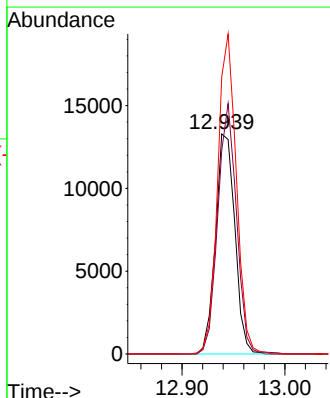
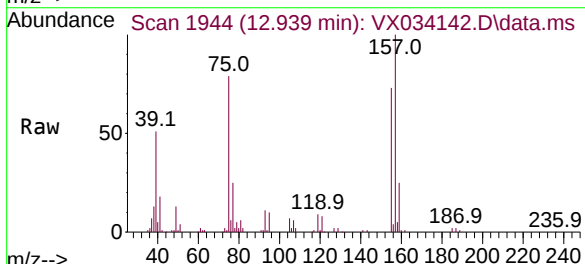
Instrument :
MSVOA_X
ClientSampleId :
VICV625

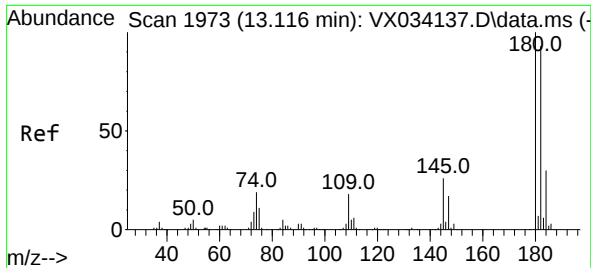
Tgt Ion:146 Resp: 138343
Ion Ratio Lower Upper
146 100
111 38.6 30.4 45.6
148 65.4 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 50.793 ug/L
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX034142.D
Acq: 13 Feb 2023 14:02

Tgt Ion: 75 Resp: 17297
Ion Ratio Lower Upper
75 100
155 92.5 89.0 133.6
157 125.9 116.9 175.3





#69

1,3,5-Trichlorobenzene

Concen: 54.285 ug/L

RT: 13.109 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

Tgt Ion:180 Resp: 111012

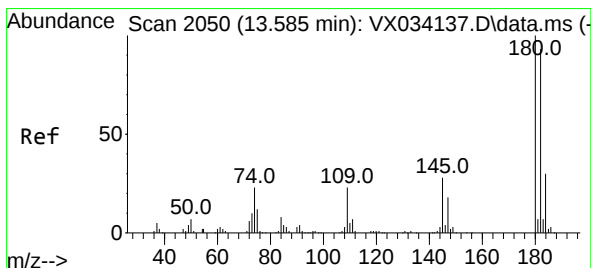
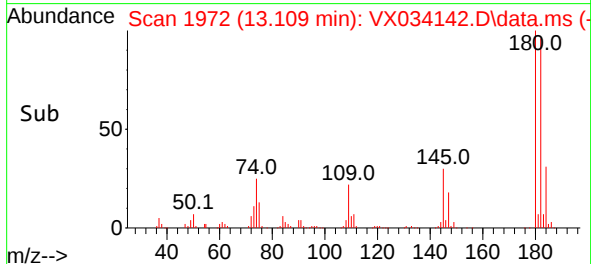
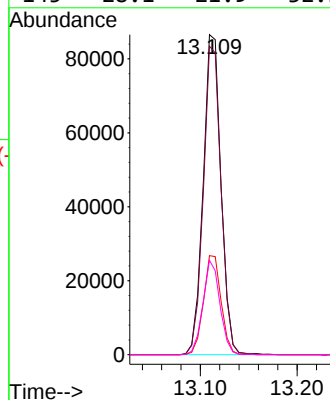
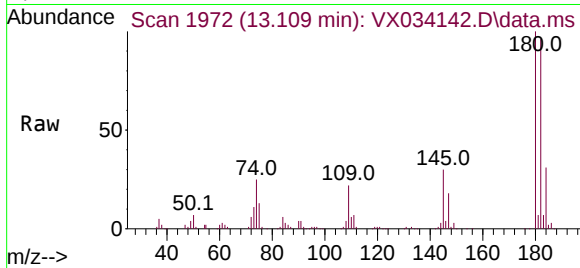
Ion Ratio Lower Upper

180 100

182 95.9 77.3 115.9

184 30.6 24.5 36.7

145 28.1 21.9 32.9



#70

1,2,4-trichlorobenzene

Concen: 52.561 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

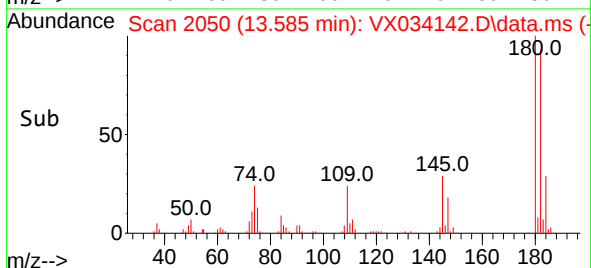
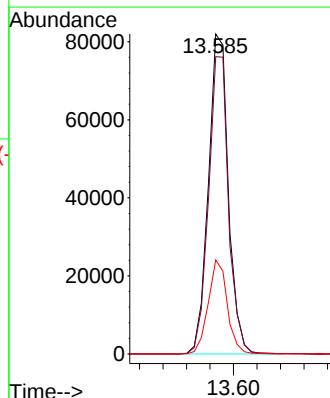
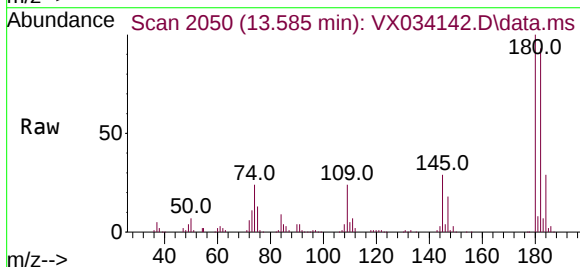
Tgt Ion:180 Resp: 96897

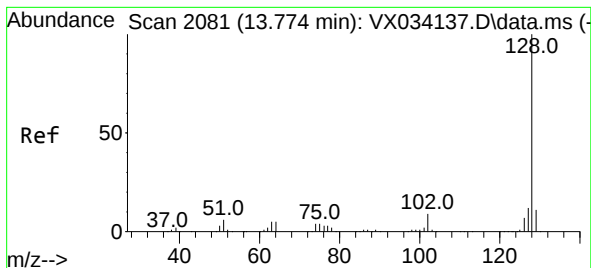
Ion Ratio Lower Upper

180 100

182 93.2 76.5 114.7

145 28.1 22.3 33.5





#71

Naphthalene

Concen: 42.891 ug/L

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Instrument :

MSVOA_X

ClientSampleId :

VICV625

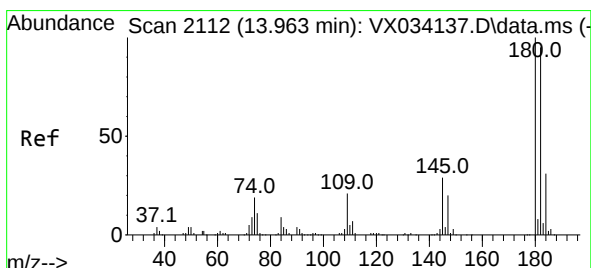
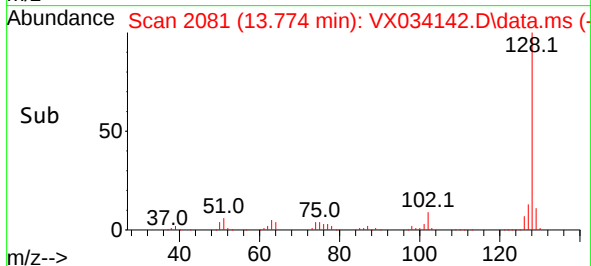
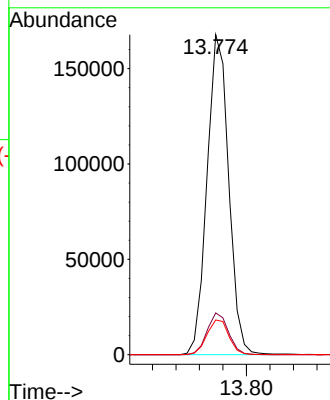
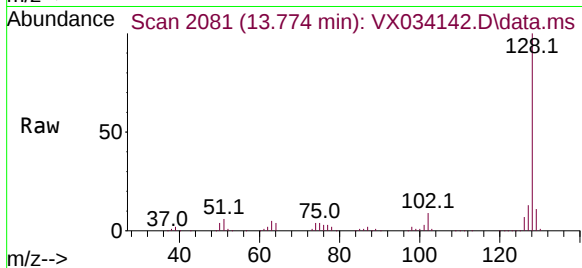
Tgt Ion:128 Resp: 214785

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 37.805 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX034142.D

Acq: 13 Feb 2023 14:02

Tgt Ion:180 Resp: 68547

Ion Ratio Lower Upper

180 100

182 96.1 77.1 115.7

145 31.7 23.5 35.3

