

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042924\
 Data File : VV035458.D
 Acq On : 29 Apr 2024 09:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 30 02:04:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 01:20:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	493448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	488550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	255416	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178263	44.952	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.900%
7) Chloroethane-d5	1.529	69	143995	63.375	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	126.760%
11) 1,1-Dichloroethene-d2	2.053	65	72749	44.885	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.780%
21) 2-Butanone-d5	3.799	46	191554	94.249	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.250%
24) Chloroform-d	4.243	84	319235	47.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	4.937	65	192641	49.564	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.120%
32) Benzene-d6	4.953	84	613765	47.806	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.620%
36) 1,2-Dichloropropane-d6	5.986	67	195667	49.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.800%
41) Toluene-d8	7.240	98	552324	47.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
43) trans-1,3-Dichloroprop...	7.551	79	74330	40.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.220%
47) 2-Hexanone-d5	8.027	63	132387	115.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.930%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	298160	52.811	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.620%
66) 1,2-Dichlorobenzene-d4	11.558	152	215000	48.113	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.220%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.105	85	159105	43.857	ug/L	99
3) Chloromethane	1.214	50	181334	49.258	ug/L	99
5) Vinyl chloride	1.282	62	187301	48.230	ug/L	100
6) Bromomethane	1.487	94	108114	47.534	ug/L	98
8) Chloroethane	1.545	64	124984	72.904	ug/L	99
9) Trichlorofluoromethane	1.706	101	246949	47.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	144056	43.837	ug/L	99
12) 1,1-Dichloroethene	2.063	96	138042	47.349	ug/L	96
13) Acetone	2.130	43	202014	83.645	ug/L	98
14) Carbon disulfide	2.233	76	366879	45.304	ug/L	100
15) Methyl Acetate	2.375	43	213415	58.268	ug/L	98
16) Methylene chloride	2.442	84	187051	50.729	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	149062	47.557	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	576034	54.565	ug/L	99
19) 1,1-Dichloroethane	3.105	63	328653	50.654	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	178772	50.699	ug/L	100
22) 2-Butanone	3.880	43	225095	84.247	ug/L	97
23) Bromochloromethane	4.143	128	99666	50.792	ug/L	98
25) Chloroform	4.272	83	333589	49.740	ug/L	99

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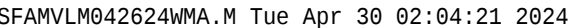
Instrument :
 MSVOA_V
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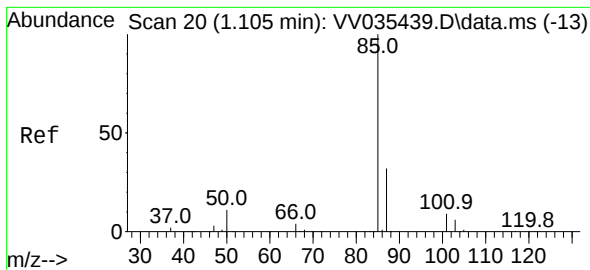
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	253819	51.536	ug/L	99
29) Cyclohexane	4.577	56	214113	47.656	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	273537	49.215	ug/L	99
31) Carbon tetrachloride	4.728	117	233176	48.019	ug/L	100
33) Benzene	5.005	78	671073	51.333	ug/L	100
34) Trichloroethene	5.828	95	172657	48.697	ug/L	98
35) Methylcyclohexane	6.047	83	223948	43.655	ug/L	100
37) 1,2-Dichloropropane	6.088	63	189686	51.973	ug/L	100
38) Bromodichloromethane	6.429	83	254705	51.682	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	224597	41.578	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	557408	127.893	ug/L	99
42) Toluene	7.310	91	700219	51.114	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	218229	42.085	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	199509	52.347	ug/L	99
46) Tetrachloroethene	7.902	164	126406	45.446	ug/L	98
48) 2-Hexanone	8.076	43	436275	117.749	ug/L	99
49) Dibromochloromethane	8.172	129	201086	51.612	ug/L	99
50) 1,2-Dibromoethane	8.278	107	206976	53.380	ug/L	99
51) Chlorobenzene	8.812	112	459005	47.516	ug/L	98
52) Ethylbenzene	8.944	91	740659	49.479	ug/L	99
53) m,p-Xylene	9.069	106	282232	49.818	ug/L	98
54) o-Xylene	9.474	106	282925	51.073	ug/L	99
55) Styrene	9.493	104	503649	52.719	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	341769	55.165	ug/L	99
59) Bromoform	9.661	173	162103	53.458	ug/L	99
60) Isopropylbenzene	9.863	105	742346	50.661	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	270581	56.597	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	601810	50.980	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	605977	52.431	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	372994	49.137	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	386491	48.541	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	392455	51.028	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	67553	62.457	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	252206	46.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	202951	47.534	ug/L	98
71) Naphthalene	13.435	128	500209	53.702	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	213531	51.325	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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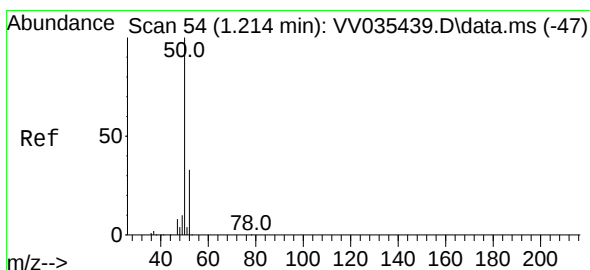
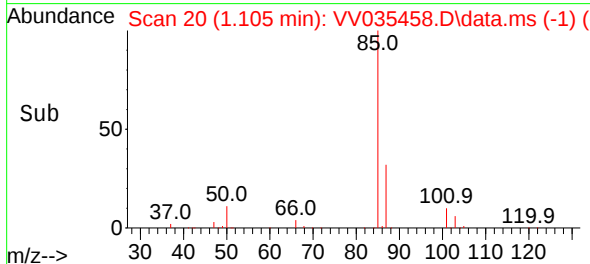
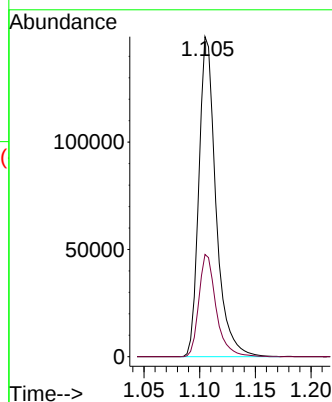
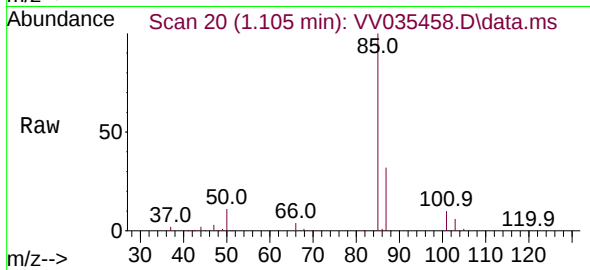




#2
 Dichlorodifluoromethane
 Concen: 43.857 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV035458.D
 Acq: 29 Apr 2024 09:19

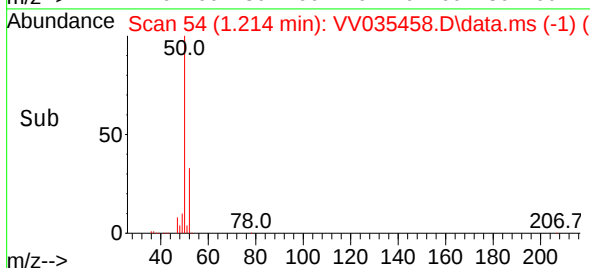
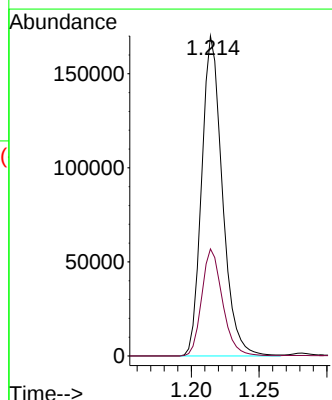
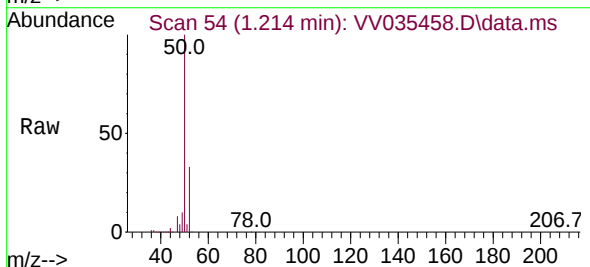
Instrument :
 MSVOA_V
 ClientSampleId :

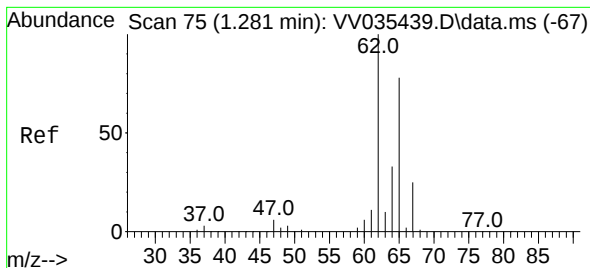
Tgt Ion: 85 Resp: 159105
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.4 38.2



#3
 Chloromethane
 Concen: 49.258 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. 0.000 min
 Lab File: VV035458.D
 Acq: 29 Apr 2024 09:19

Tgt Ion: 50 Resp: 181334
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.0 42.8





#5

Vinyl chloride

Concen: 48.230 ug/L

RT: 1.282 min Scan# 75

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

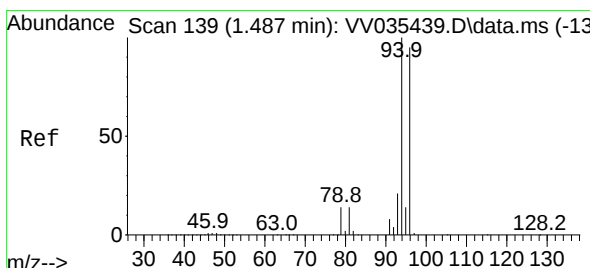
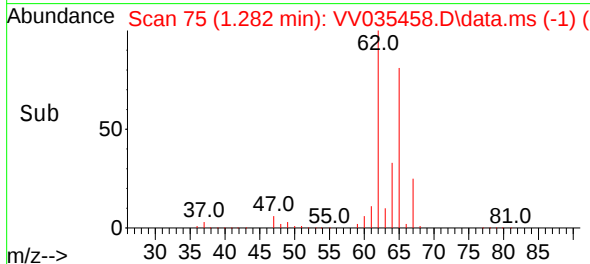
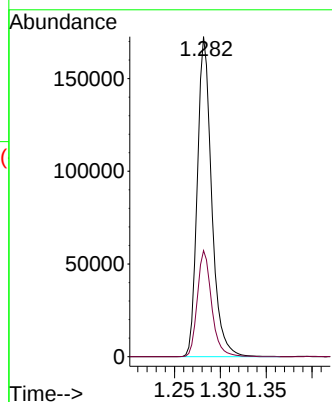
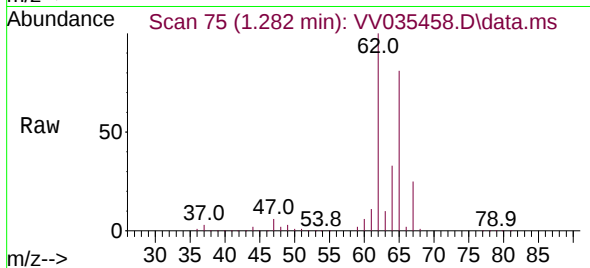
ClientSampleId :

Tgt Ion: 62 Resp: 187301

Ion Ratio Lower Upper

62 100

64 33.2 23.2 43.2



#6

Bromomethane

Concen: 47.534 ug/L

RT: 1.487 min Scan# 139

Delta R.T. 0.000 min

Lab File: VV035458.D

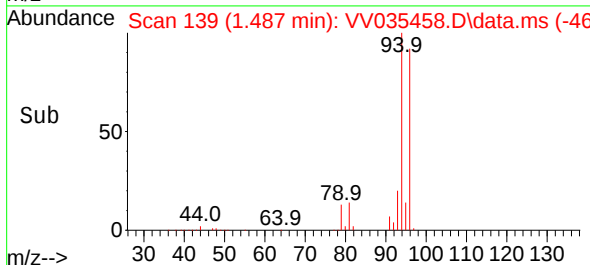
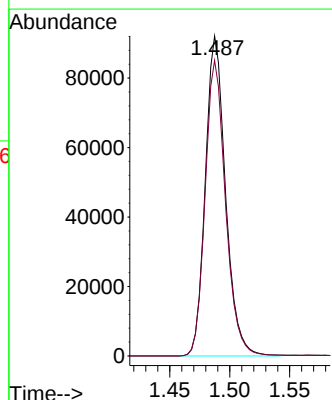
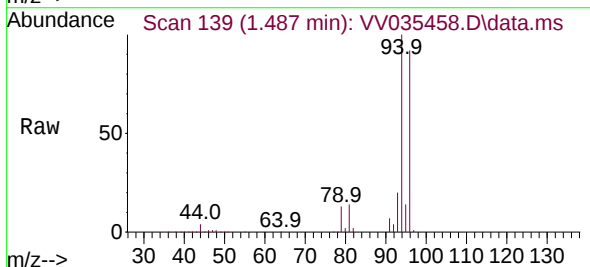
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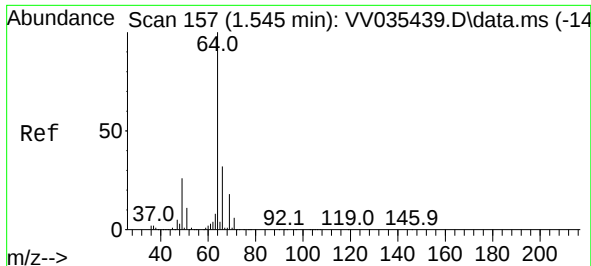
Tgt Ion: 94 Resp: 108114

Ion Ratio Lower Upper

94 100

96 92.4 66.1 122.7

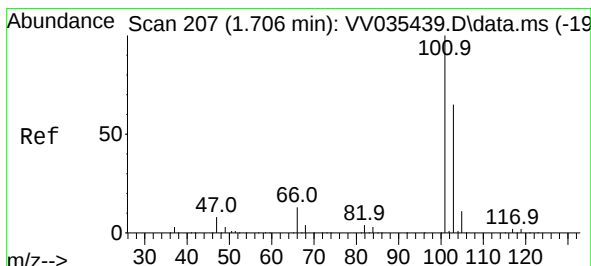
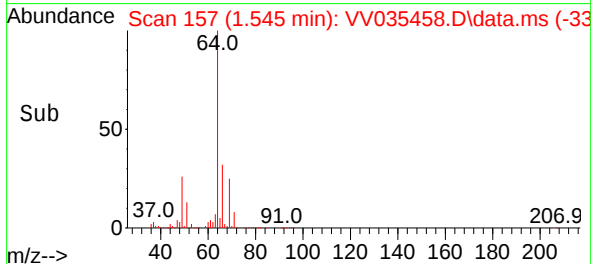
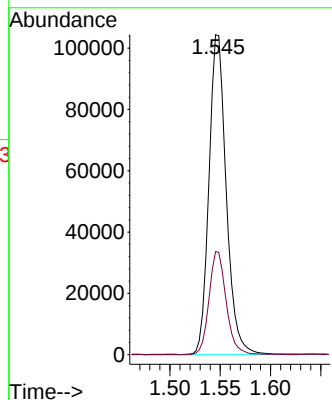
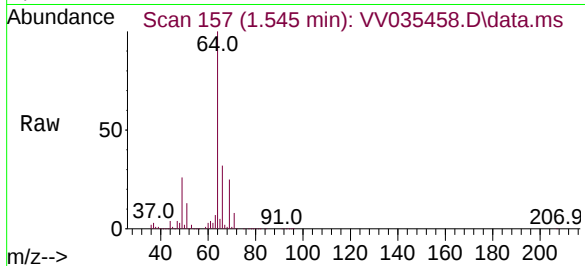




#8
Chloroethane
Concen: 72.904 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

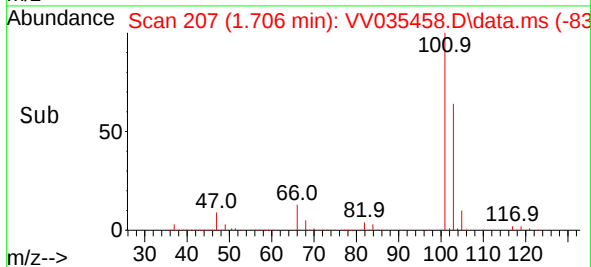
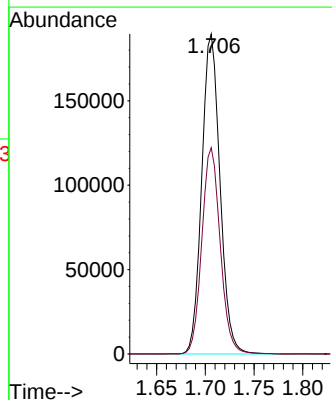
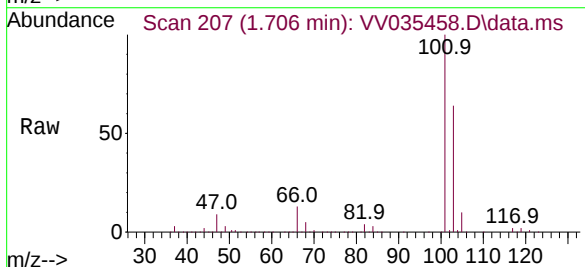
Instrument :
MSVOA_V
ClientSampleId :

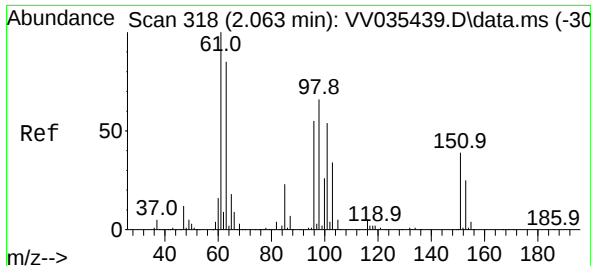
Tgt Ion: 64 Resp: 124984
Ion Ratio Lower Upper
64 100
66 32.2 22.9 42.5



#9
Trichlorofluoromethane
Concen: 47.080 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion:101 Resp: 246949
Ion Ratio Lower Upper
101 100
103 64.9 51.2 76.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 43.837 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

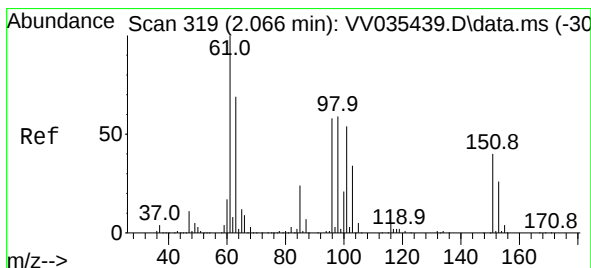
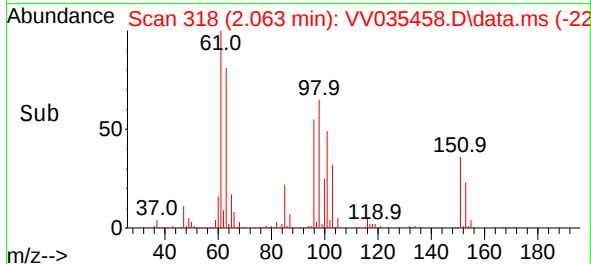
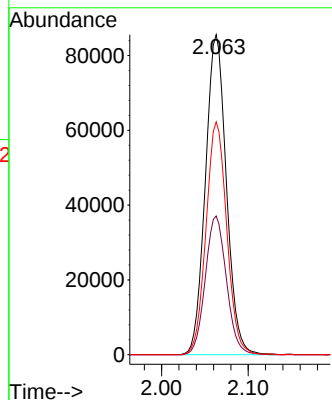
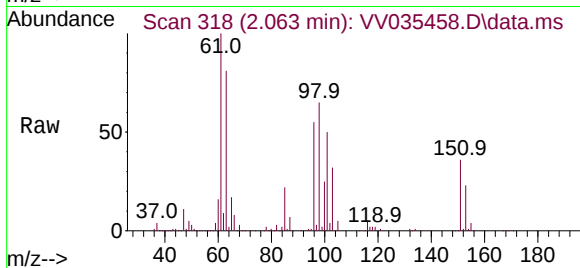
Tgt Ion:101 Resp: 144056

Ion Ratio Lower Upper

101 100

85 43.7 35.0 52.6

151 72.0 58.6 87.8



#12

1,1-Dichloroethene

Concen: 47.349 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

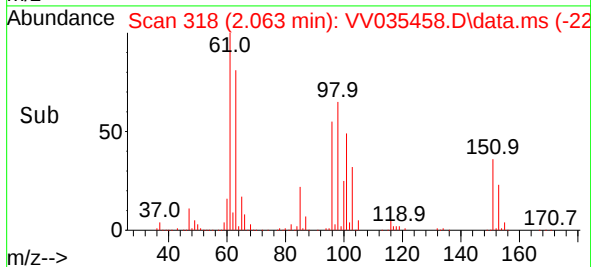
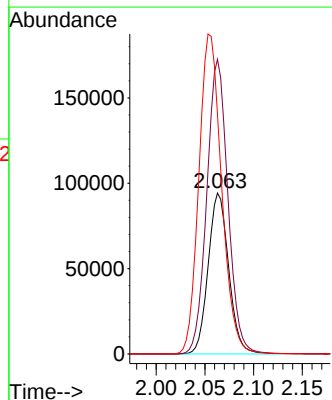
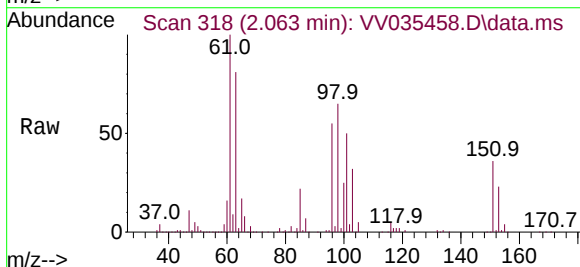
Tgt Ion: 96 Resp: 138042

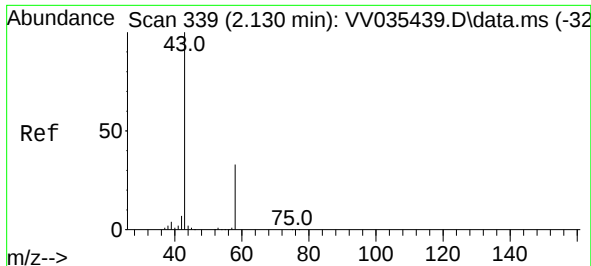
Ion Ratio Lower Upper

96 100

61 183.1 128.2 238.0

63 149.0 96.9 179.9





#13

Acetone

Concen: 83.645 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

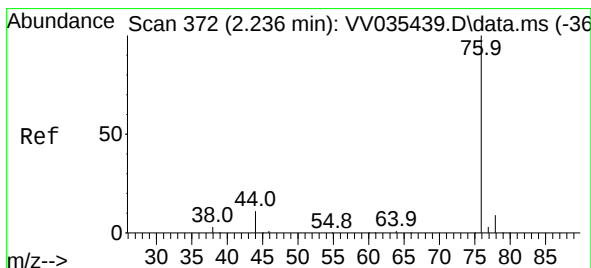
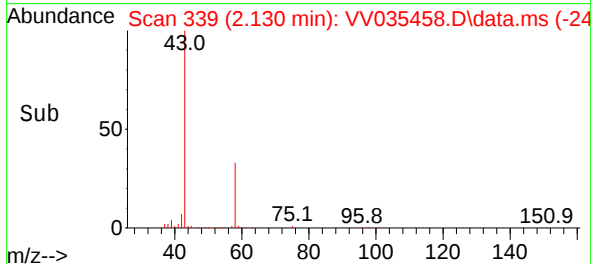
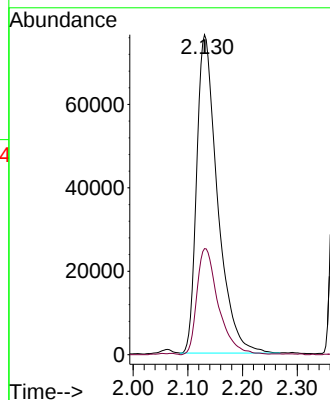
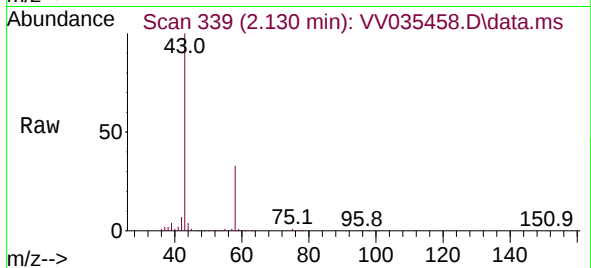
ClientSampleId :

Tgt Ion: 43 Resp: 202014

Ion Ratio Lower Upper

43 100

58 34.1 0.0 65.8



#14

Carbon disulfide

Concen: 45.304 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.003 min

Lab File: VV035458.D

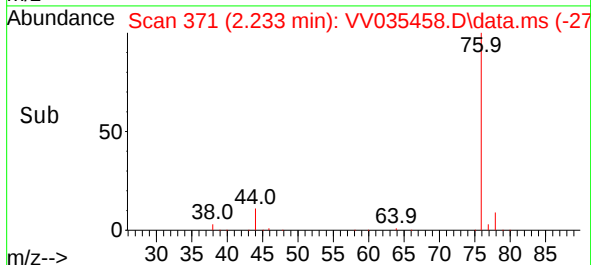
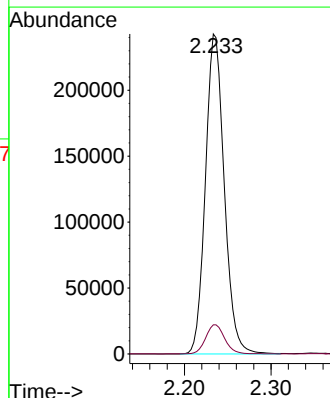
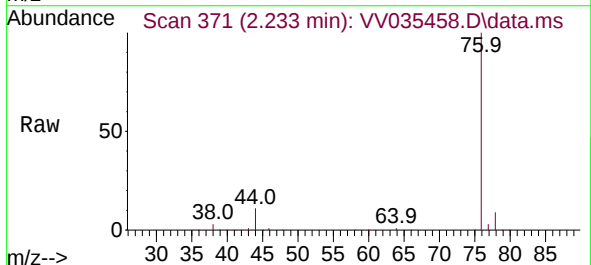
Acq: 29 Apr 2024 09:19

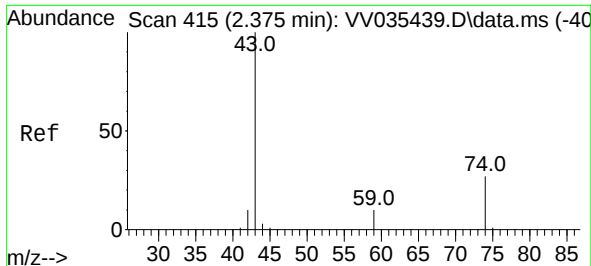
Tgt Ion: 76 Resp: 366879

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0





#15

Methyl Acetate

Concen: 58.268 ug/L

RT: 2.375 min Scan# 415

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

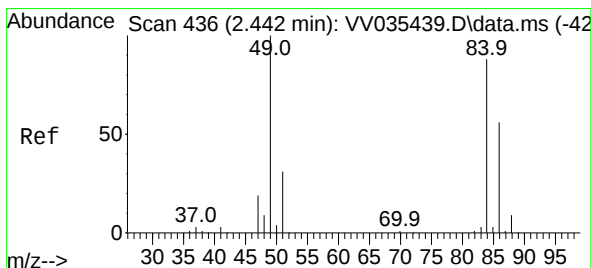
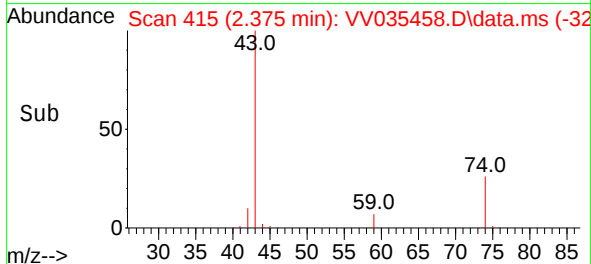
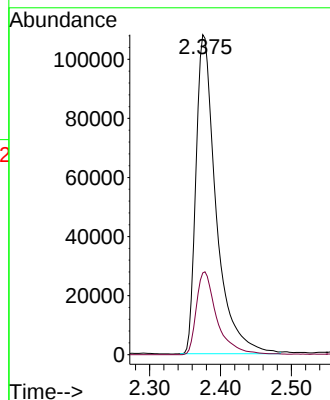
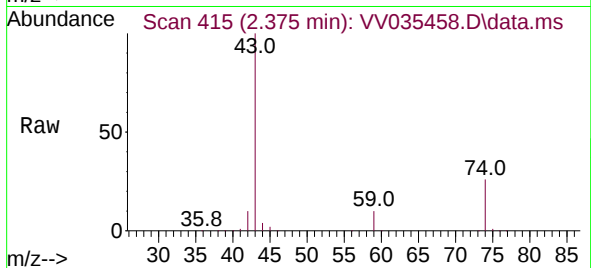
ClientSampleId :

Tgt Ion: 43 Resp: 213415

Ion Ratio Lower Upper

43 100

74 26.5 20.6 30.8



#16

Methylene chloride

Concen: 50.729 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

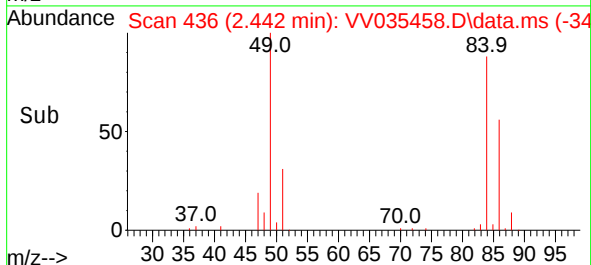
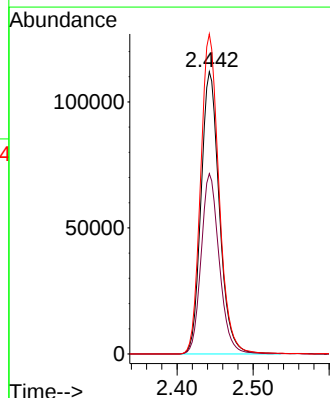
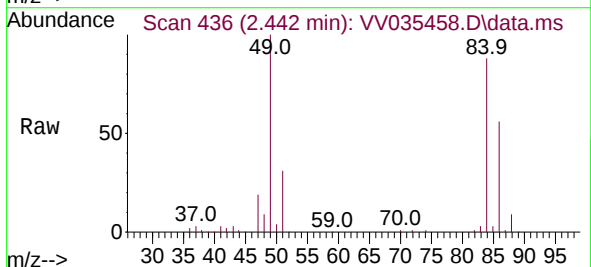
Tgt Ion: 84 Resp: 187051

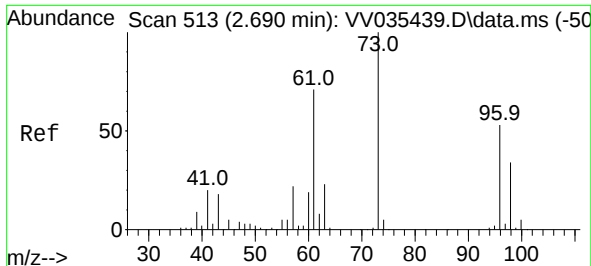
Ion Ratio Lower Upper

84 100

86 63.9 45.1 83.9

49 113.4 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 47.557 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

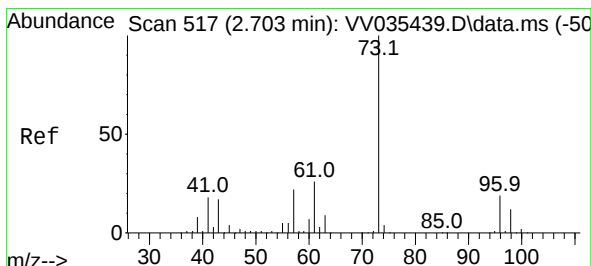
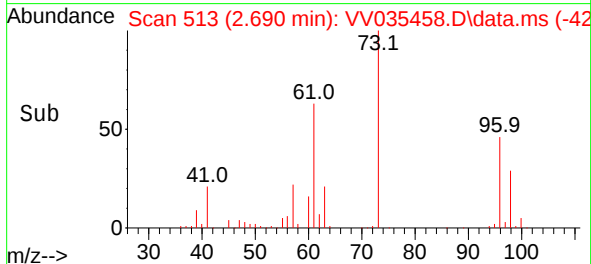
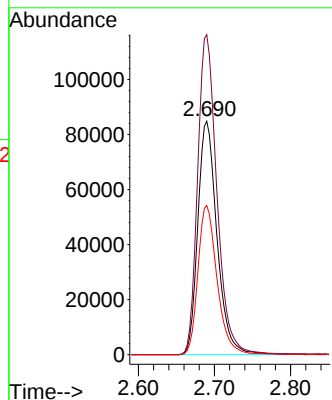
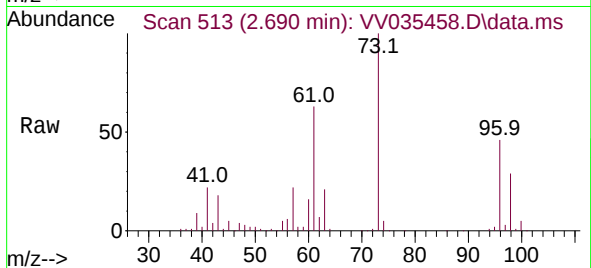
Tgt Ion: 96 Resp: 149062

Ion Ratio Lower Upper

96 100

61 137.1 96.4 179.0

98 63.9 45.2 84.0



#18

Methyl tert-butyl Ether

Concen: 54.565 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

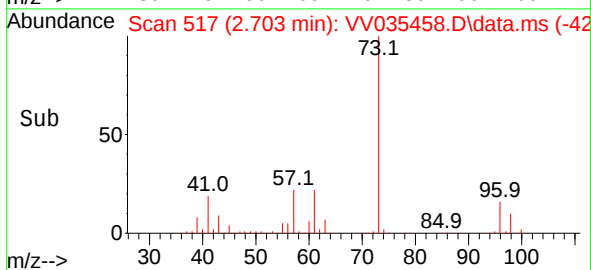
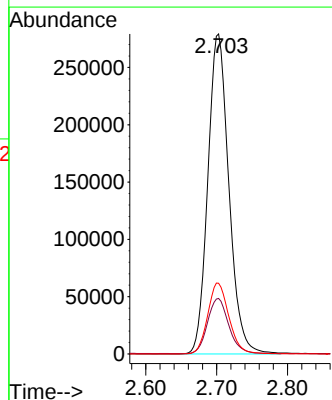
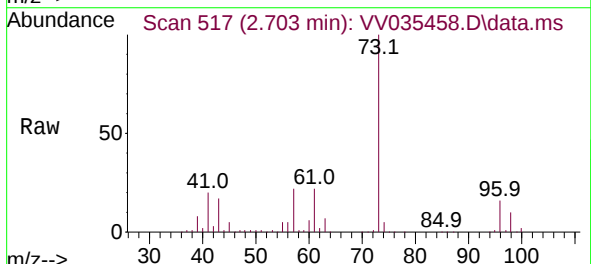
Tgt Ion: 73 Resp: 576034

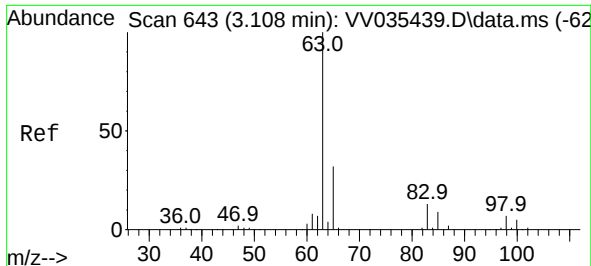
Ion Ratio Lower Upper

73 100

43 17.5 13.9 20.9

57 22.3 17.4 26.0





#19

1,1-Dichloroethane

Concen: 50.654 ug/L

RT: 3.105 min Scan# 643

Delta R.T. -0.003 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

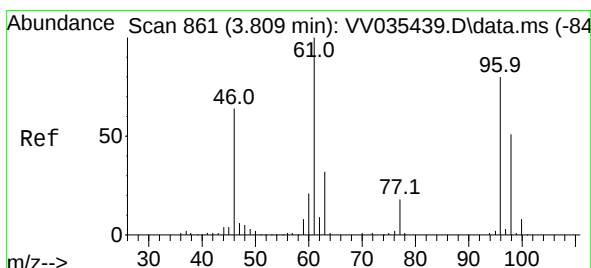
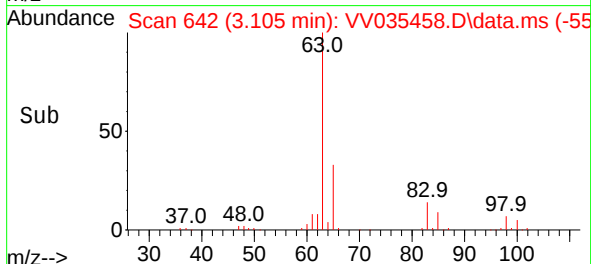
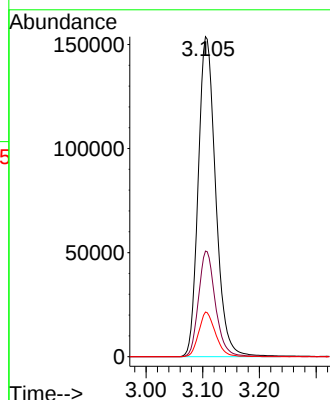
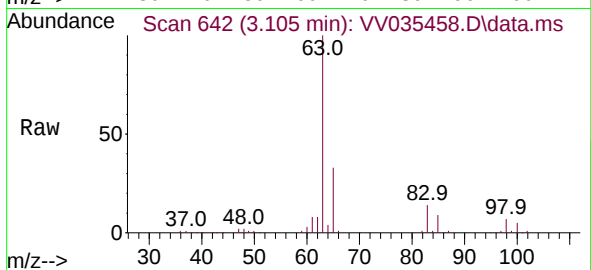
Tgt Ion: 63 Resp: 328653

Ion Ratio Lower Upper

63 100

65 33.0 22.1 41.1

83 13.9 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 50.699 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

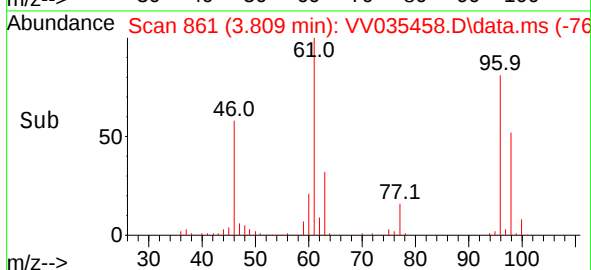
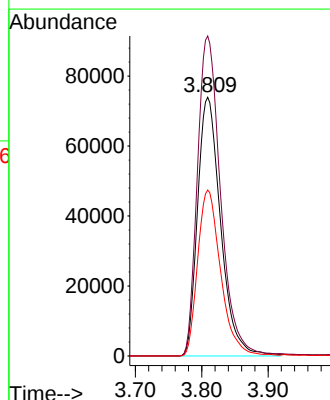
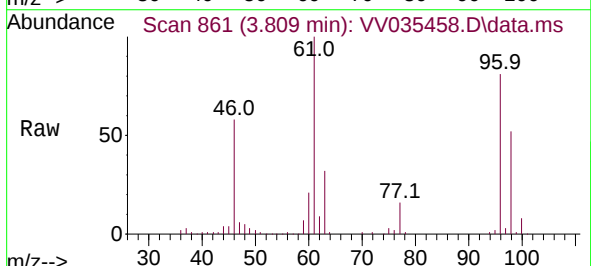
Tgt Ion: 96 Resp: 178772

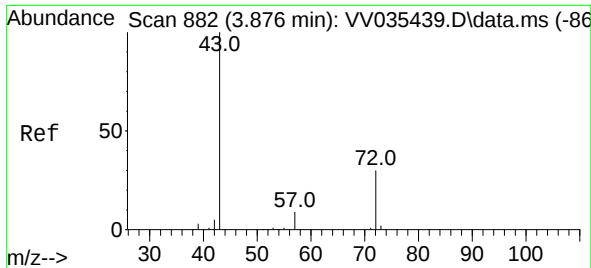
Ion Ratio Lower Upper

96 100

61 123.7 86.9 161.5

98 64.1 44.6 82.8

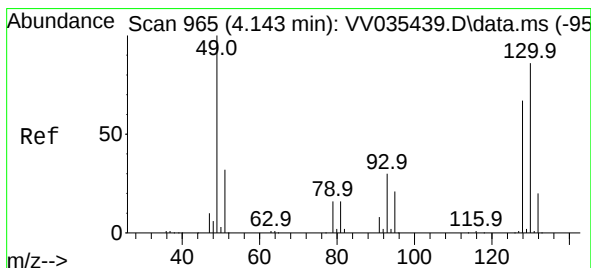
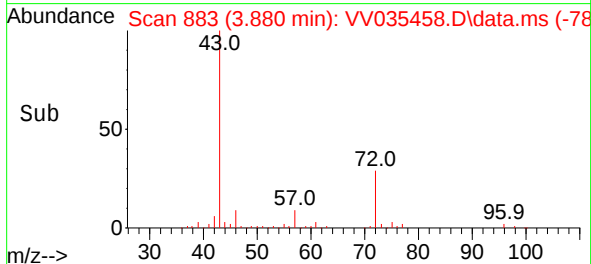
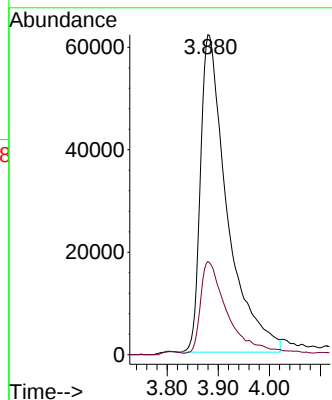
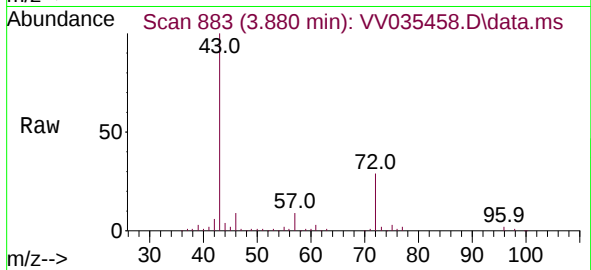




#22
2-Butanone
Concen: 84.247 ug/L
RT: 3.880 min Scan# 882
Delta R.T. 0.003 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

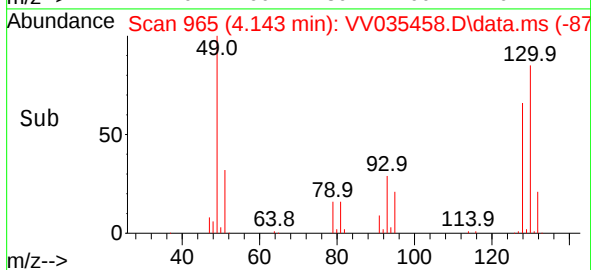
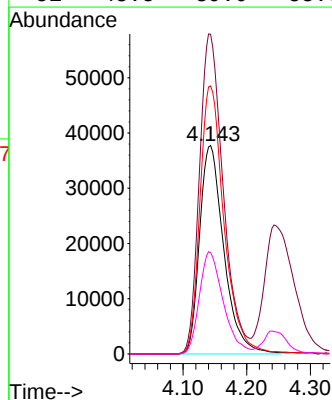
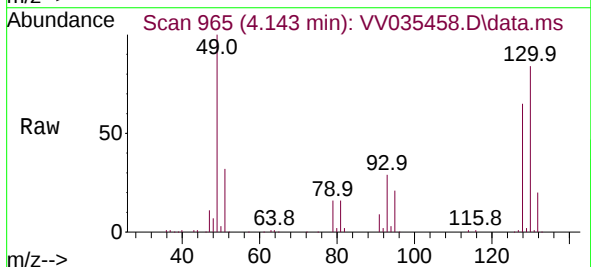
Instrument :
MSVOA_V
ClientSampleId :

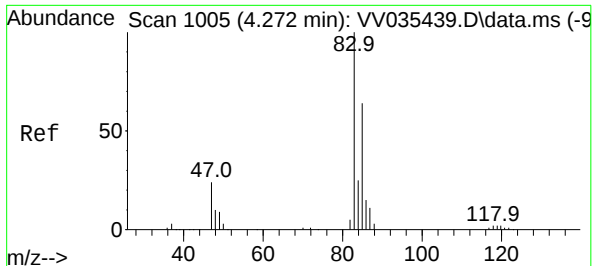
Tgt Ion: 43 Resp: 225095
Ion Ratio Lower Upper
43 100
72 26.1 13.8 41.4



#23
Bromochloromethane
Concen: 50.792 ug/L
RT: 4.143 min Scan# 965
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion: 128 Resp: 99666
Ion Ratio Lower Upper
128 100
49 153.3 107.7 200.1
130 128.5 93.4 173.4
51 48.5 39.0 58.6





#25

Chloroform

Concen: 49.740 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

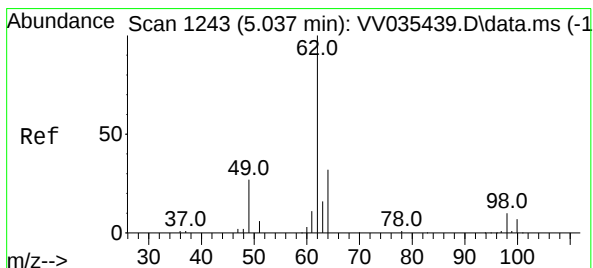
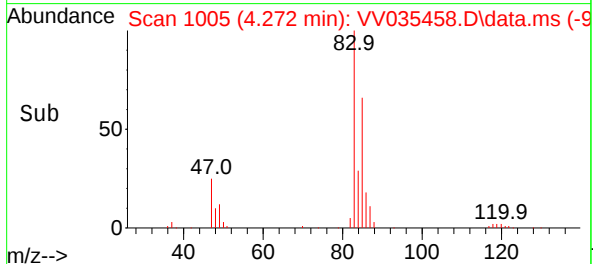
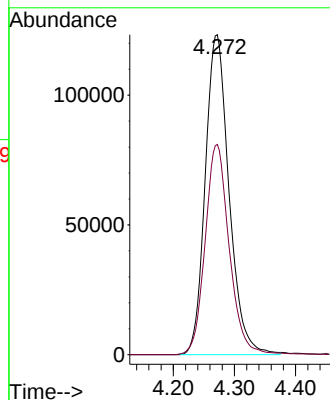
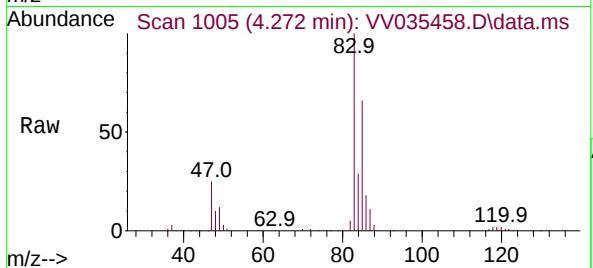
ClientSampleId :

Tgt Ion: 83 Resp: 333589

Ion Ratio Lower Upper

83 100

85 65.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 51.536 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. 0.000 min

Lab File: VV035458.D

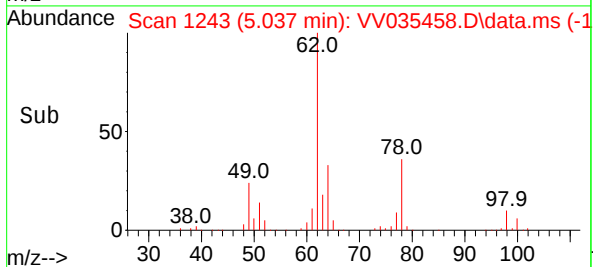
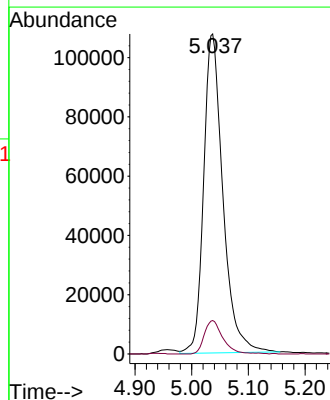
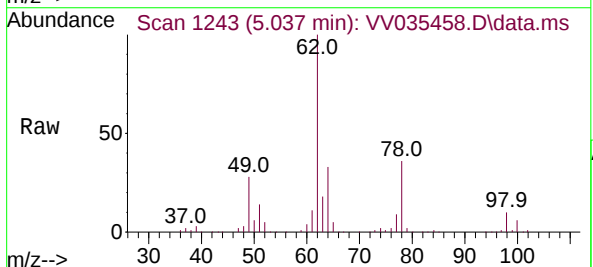
Acq: 29 Apr 2024 09:19

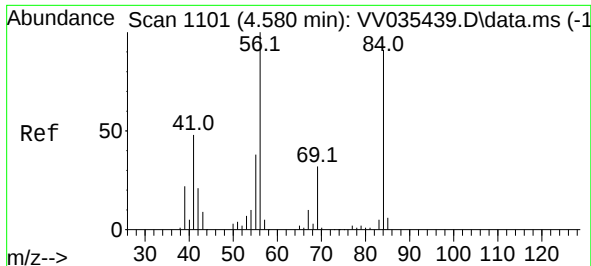
Tgt Ion: 62 Resp: 253819

Ion Ratio Lower Upper

62 100

98 10.4 8.0 12.0





#29

Cyclohexane

Concen: 47.656 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.003 min

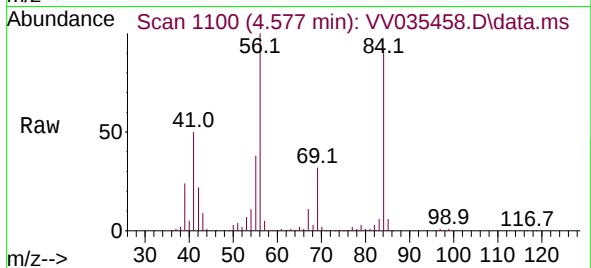
Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :



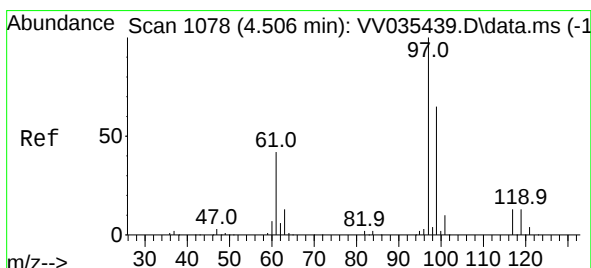
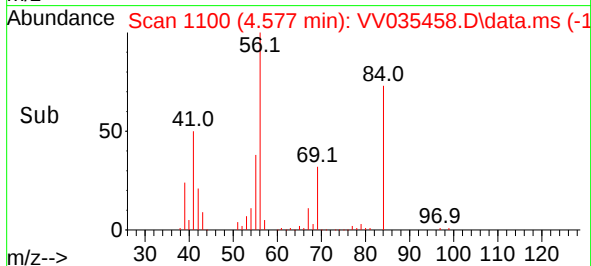
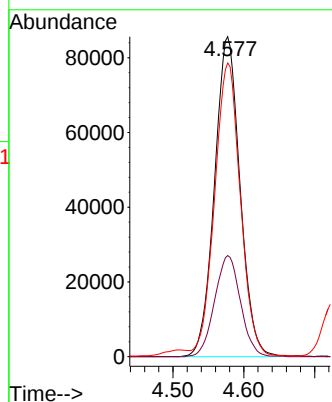
Tgt Ion: 56 Resp: 214113

Ion Ratio Lower Upper

56 100

69 32.0 25.4 38.2

84 92.5 73.5 110.3



#30

1,1,1-Trichloroethane

Concen: 49.215 ug/L

RT: 4.507 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

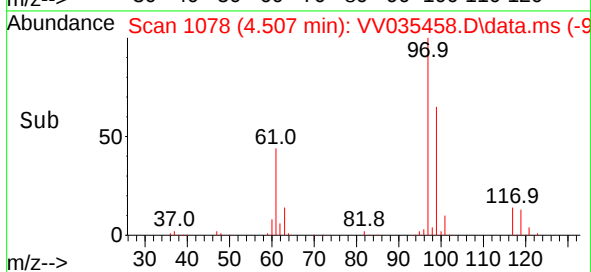
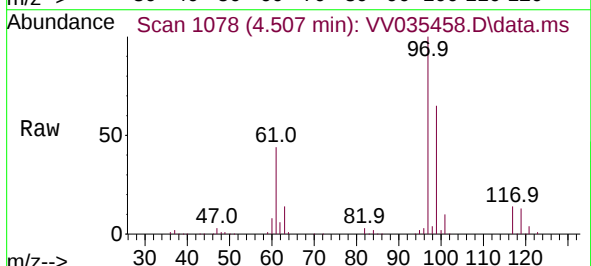
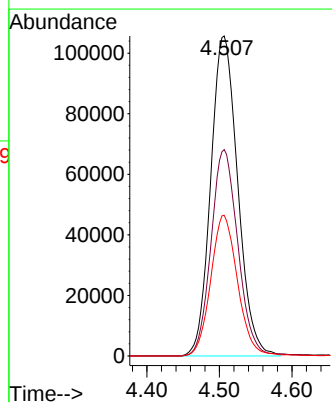
Tgt Ion: 97 Resp: 273537

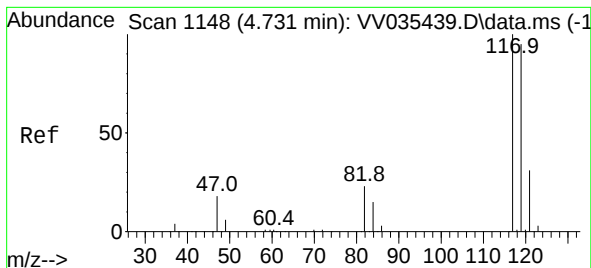
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 43.5 35.4 53.2





#31

Carbon tetrachloride

Concen: 48.019 ug/L

RT: 4.728 min Scan# 1147

Delta R.T. -0.003 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

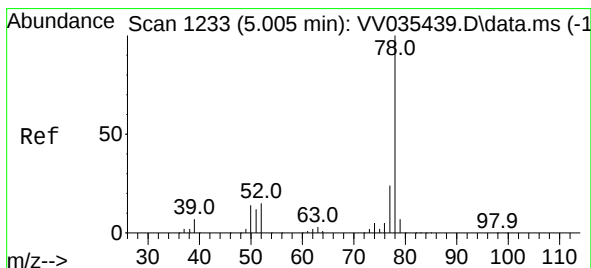
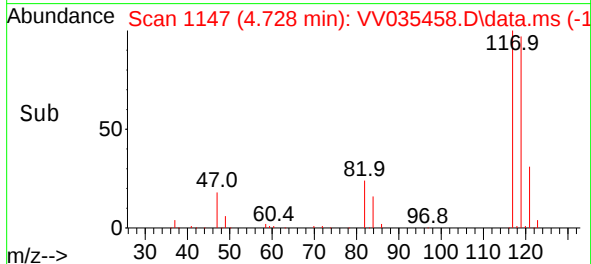
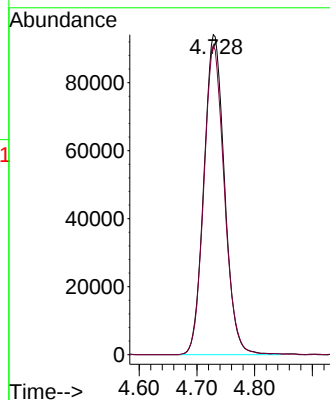
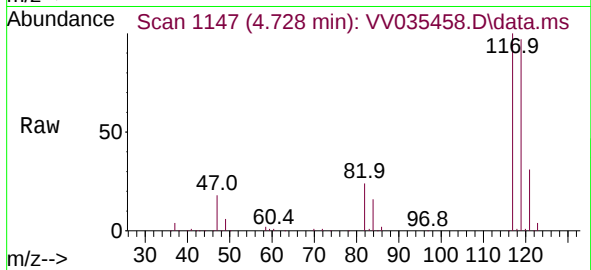
ClientSampleId :

Tgt Ion:117 Resp: 233176

Ion Ratio Lower Upper

117 100

119 96.0 76.4 114.6



#33

Benzene

Concen: 51.333 ug/L

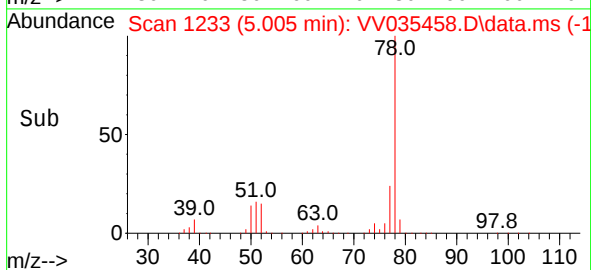
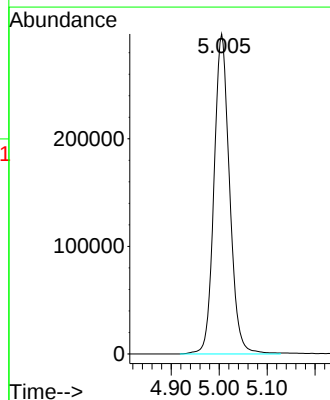
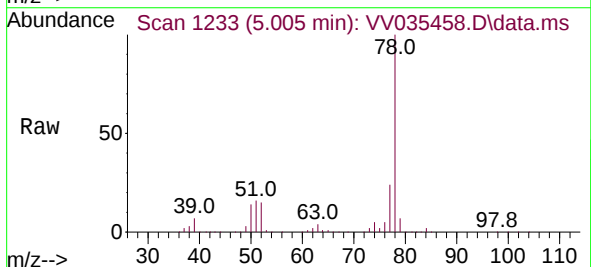
RT: 5.005 min Scan# 1233

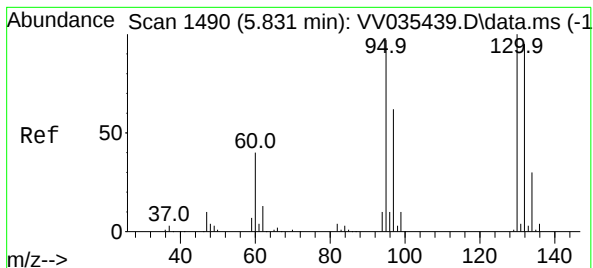
Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Tgt Ion: 78 Resp: 671073





#34

Trichloroethene

Concen: 48.697 ug/L

RT: 5.828 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 172657

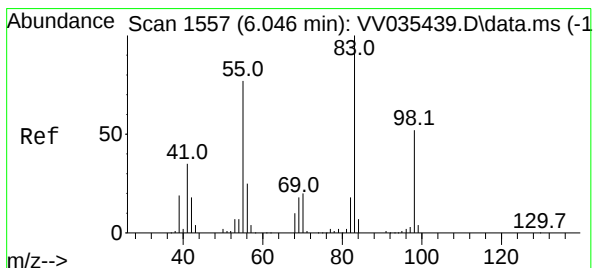
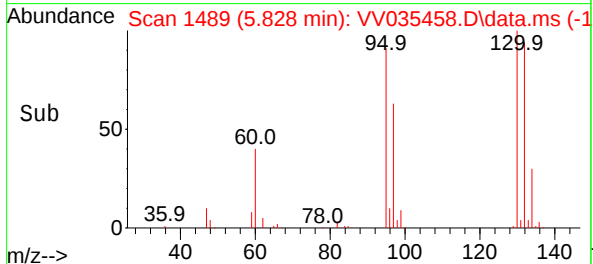
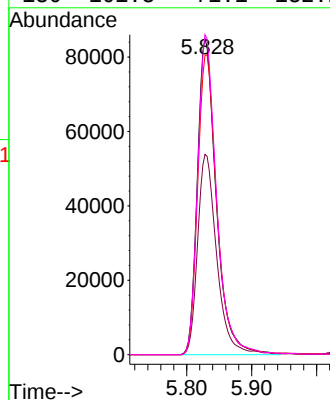
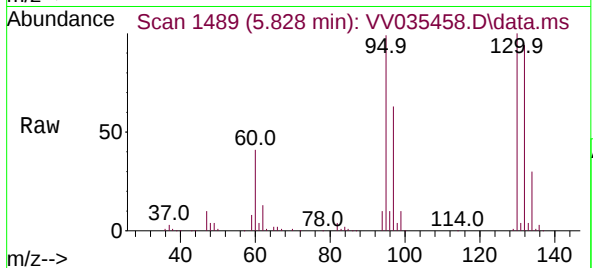
Ion Ratio Lower Upper

95 100

97 63.4 45.8 85.0

132 94.8 68.0 126.2

130 101.3 71.1 132.1



#35

Methylcyclohexane

Concen: 43.655 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

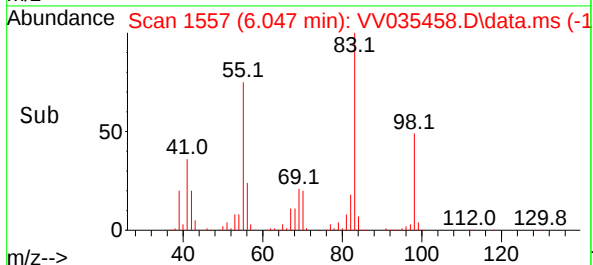
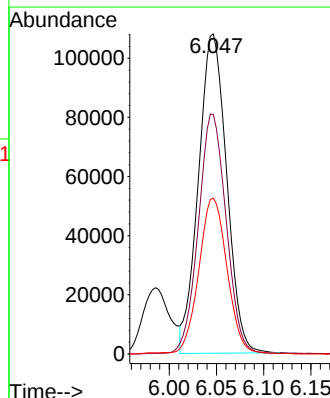
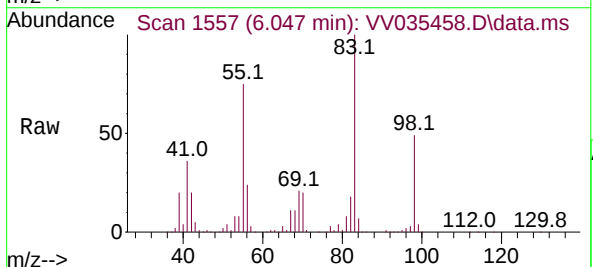
Tgt Ion: 83 Resp: 223948

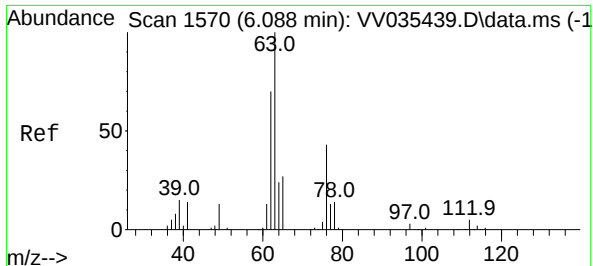
Ion Ratio Lower Upper

83 100

55 74.6 59.7 89.5

98 49.0 39.0 58.6

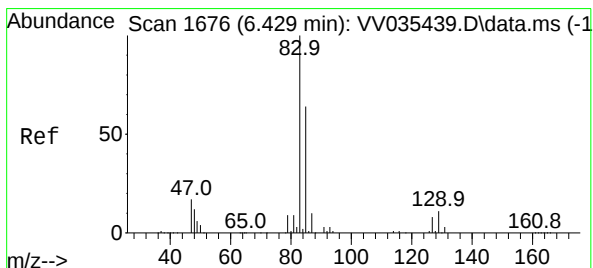
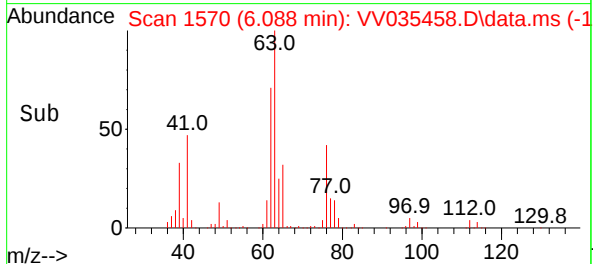
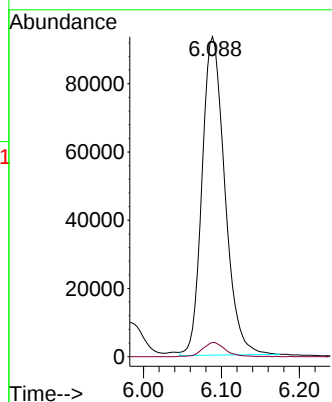
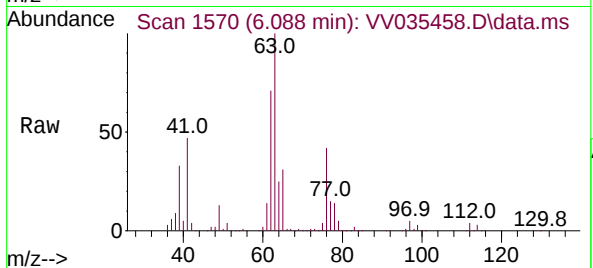




#37
1,2-Dichloropropane
Concen: 51.973 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

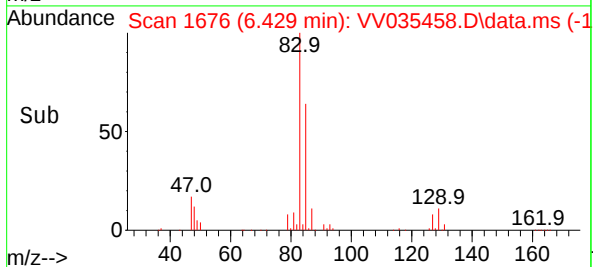
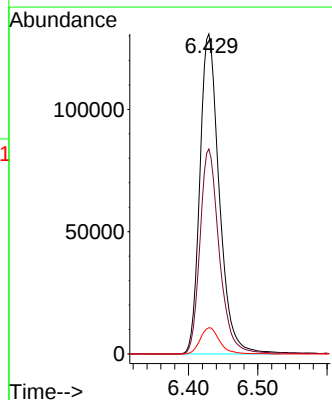
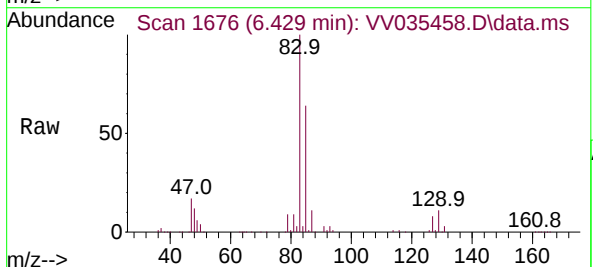
Instrument :
MSVOA_V
ClientSampleId :

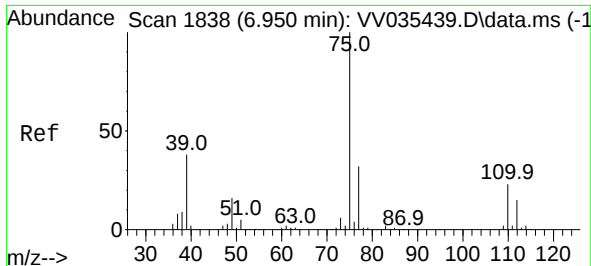
Tgt Ion: 63 Resp: 189686
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 51.682 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion: 83 Resp: 254705
Ion Ratio Lower Upper
83 100
85 64.1 45.1 83.9
127 8.2 7.0 10.4

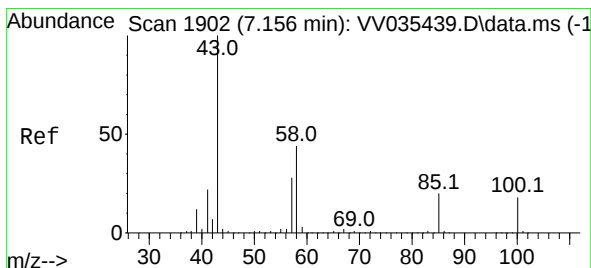
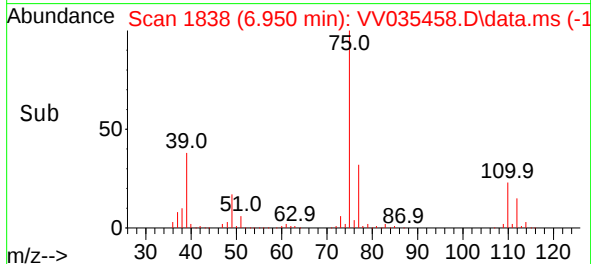
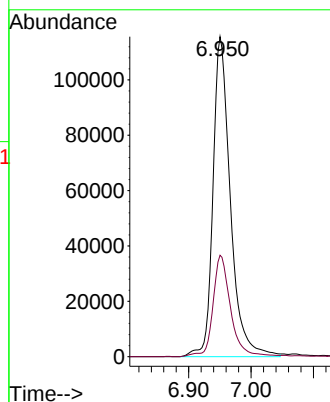
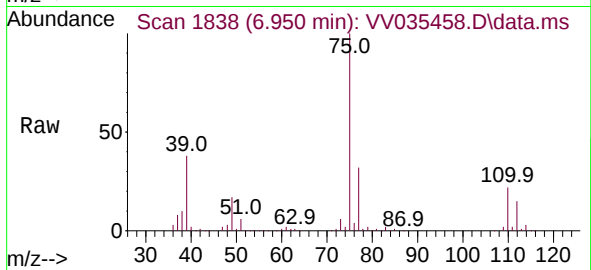




#39
 cis-1,3-Dichloropropene
 Concen: 41.578 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV035458.D
 Acq: 29 Apr 2024 09:19

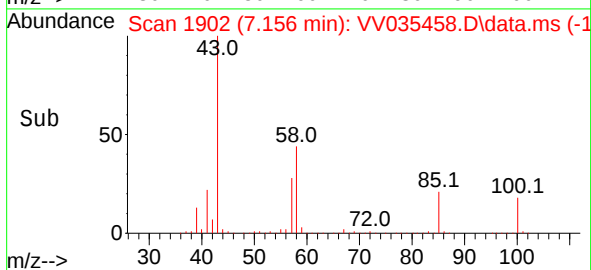
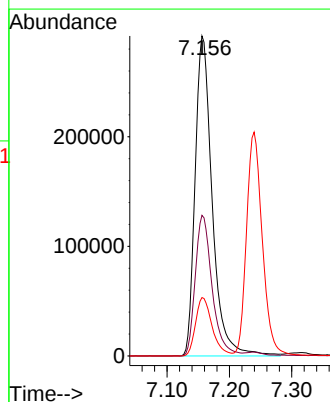
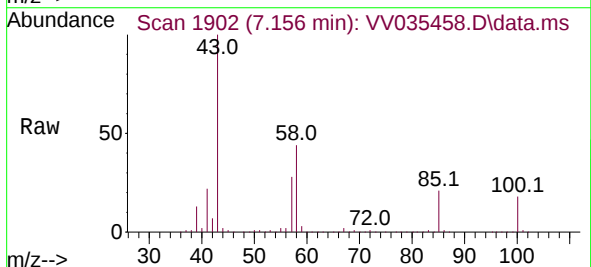
Instrument :
 MSVOA_V
 ClientSampleId :

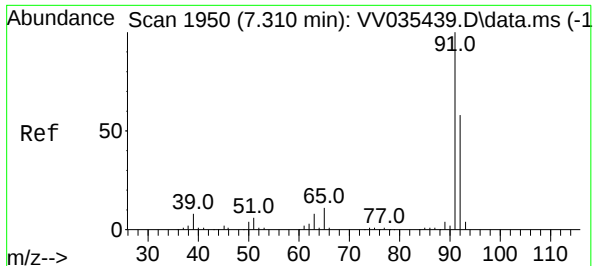
Tgt Ion: 75 Resp: 224597
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 127.893 ug/L
 RT: 7.156 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VV035458.D
 Acq: 29 Apr 2024 09:19

Tgt Ion: 43 Resp: 557408
 Ion Ratio Lower Upper
 43 100
 58 43.2 35.0 52.4
 100 17.7 14.3 21.5





#42

Toluene

Concen: 51.114 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

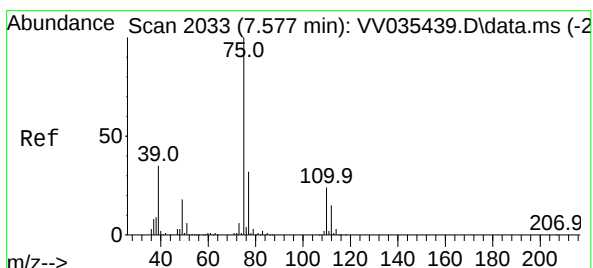
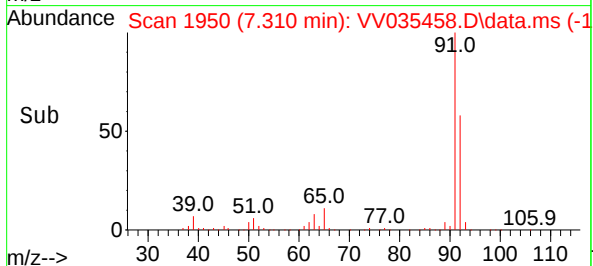
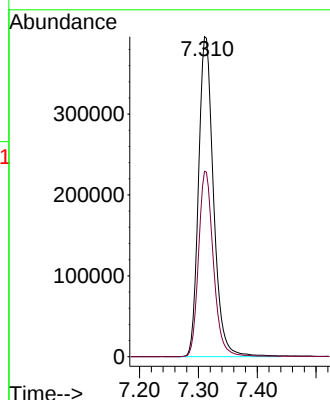
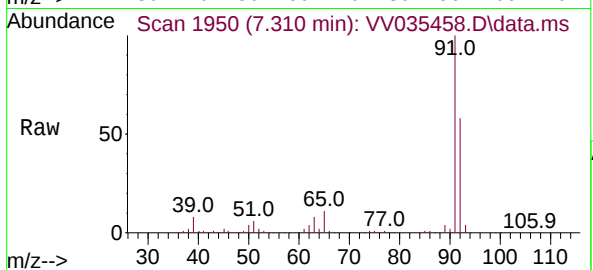
ClientSampleId :

Tgt Ion: 91 Resp: 700219

Ion Ratio Lower Upper

91 100

92 58.0 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 42.085 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV035458.D

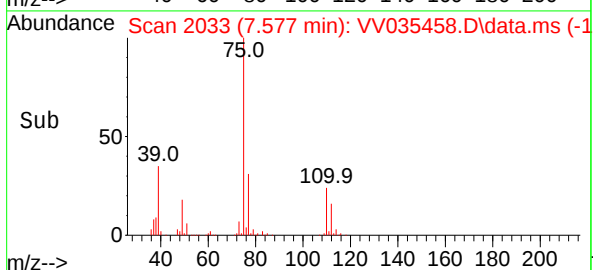
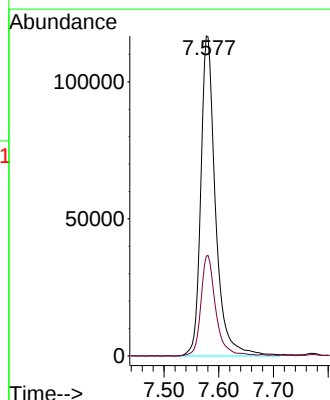
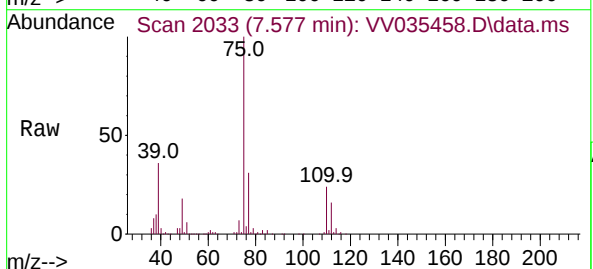
Acq: 29 Apr 2024 09:19

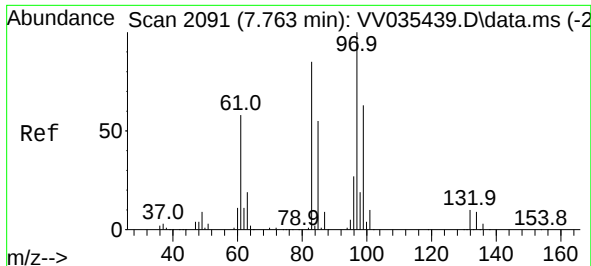
Tgt Ion: 75 Resp: 218229

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



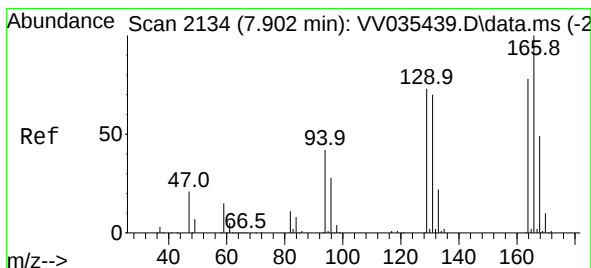
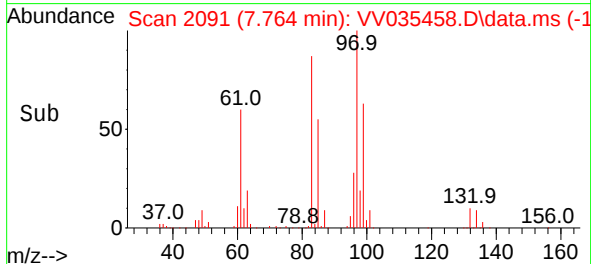
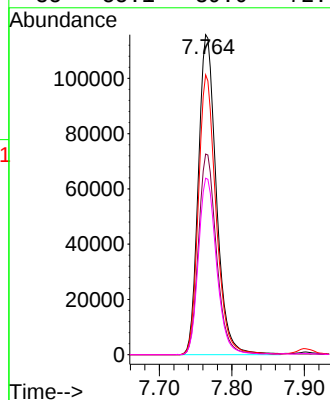
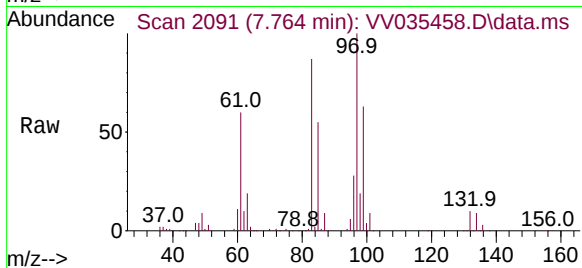


#45
1,1,2-Trichloroethane
Concen: 52.347 ug/L
RT: 7.764 min Scan# 2091
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 199509

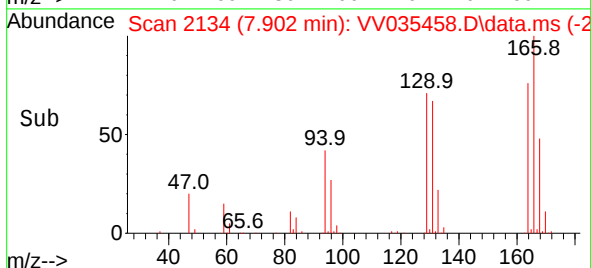
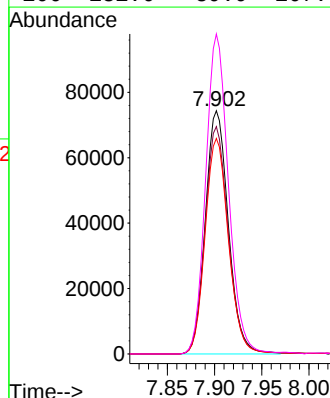
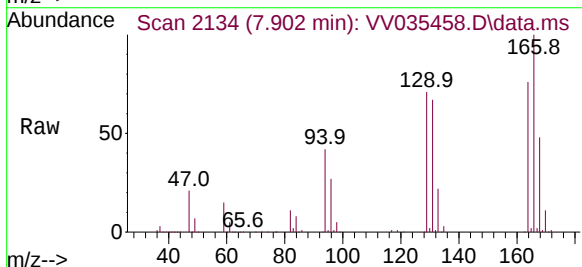
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.3	82.3
83	87.5	60.5	112.3
85	55.1	39.0	72.4

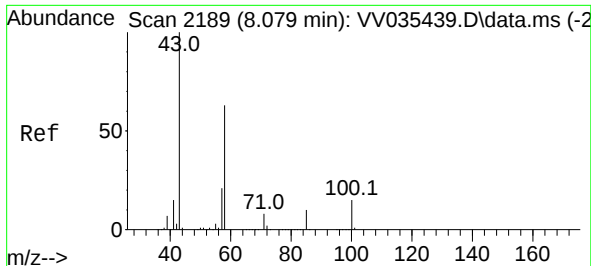


#46
Tetrachloroethene
Concen: 45.446 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion: 164 Resp: 126406

Ion	Ratio	Lower	Upper
164	100		
129	93.5	65.7	122.1
131	88.6	63.6	118.0
166	131.6	89.9	167.0





#48

2-Hexanone

Concen: 117.749 ug/L

RT: 8.076 min Scan# 2189

Delta R.T. -0.003 min

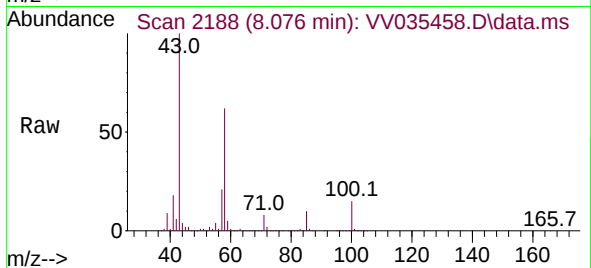
Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 436275

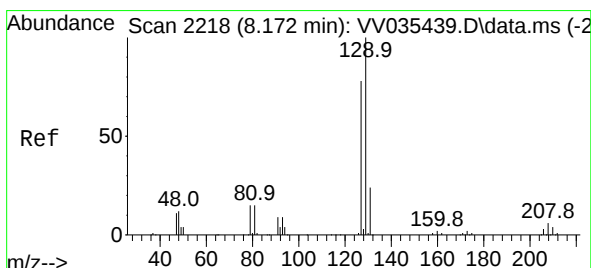
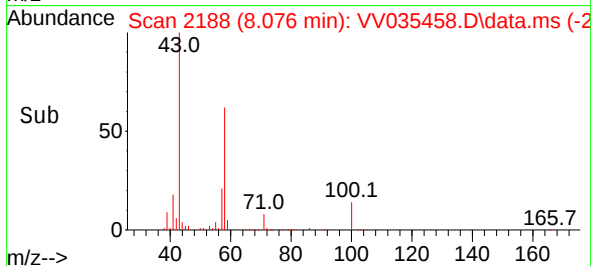
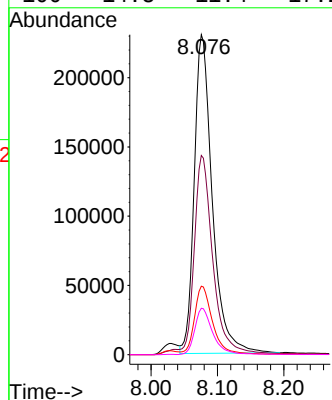
Ion Ratio Lower Upper

43 100

58 63.0 49.4 74.0

57 20.7 17.1 25.7

100 14.3 11.4 17.2



#49

Dibromochloromethane

Concen: 51.612 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. 0.000 min

Lab File: VV035458.D

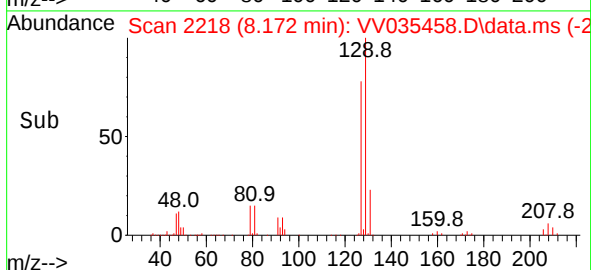
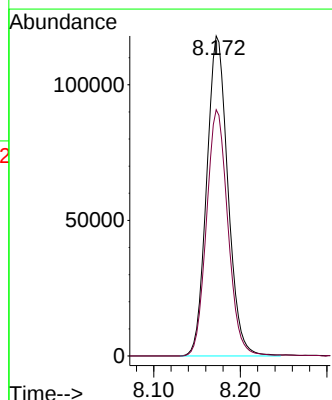
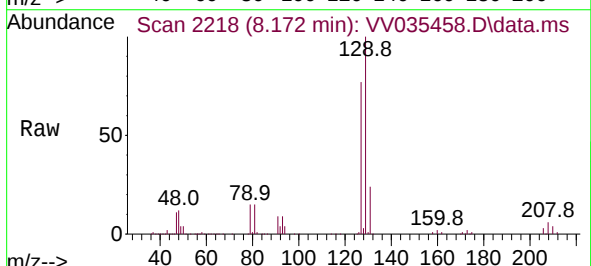
Acq: 29 Apr 2024 09:19

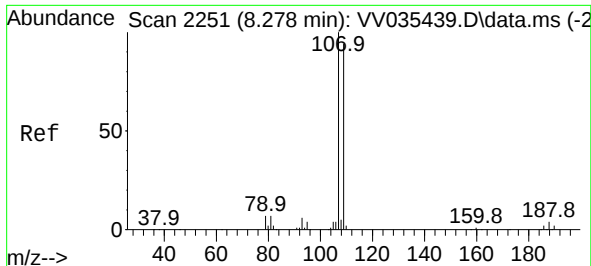
Tgt Ion:129 Resp: 201086

Ion Ratio Lower Upper

129 100

127 77.0 53.1 98.5





#50

1,2-Dibromoethane

Concen: 53.380 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.000 min

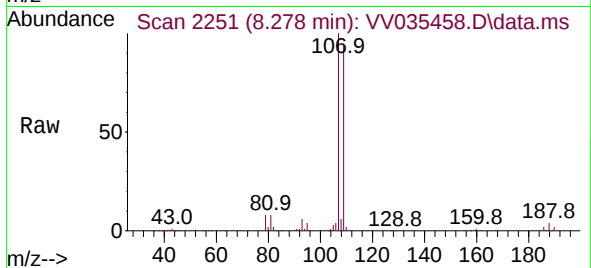
Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :



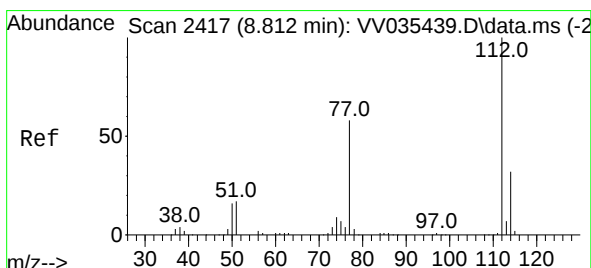
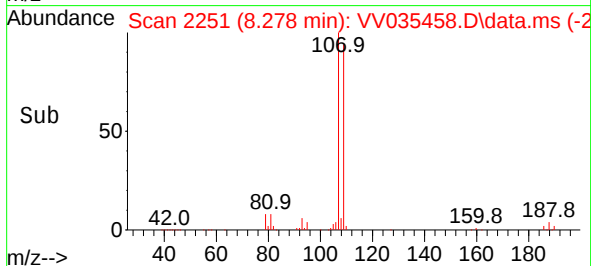
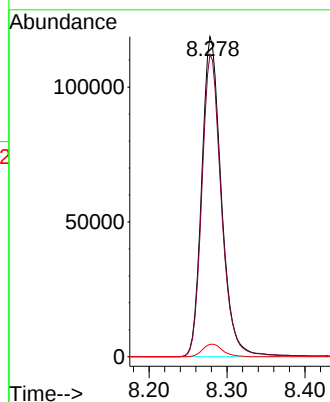
Tgt Ion:107 Resp: 206976

Ion Ratio Lower Upper

107 100

109 94.4 65.7 122.1

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 47.516 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

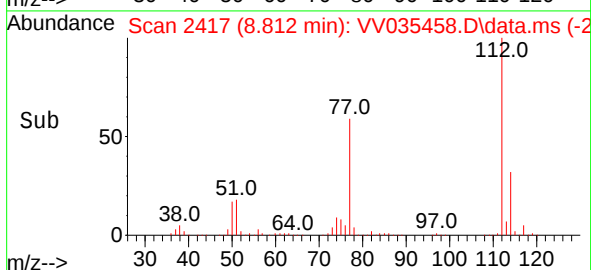
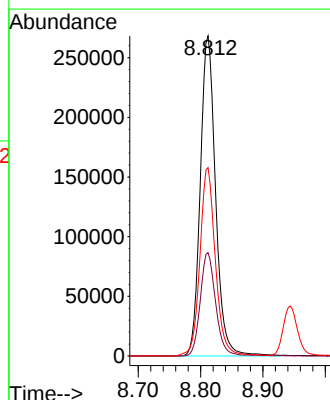
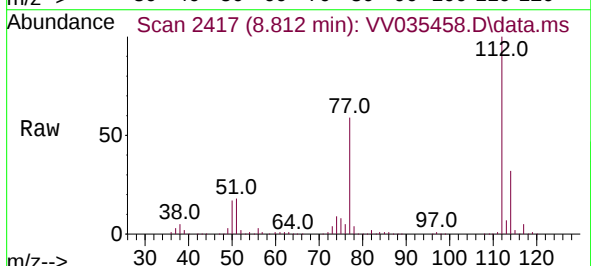
Tgt Ion:112 Resp: 459005

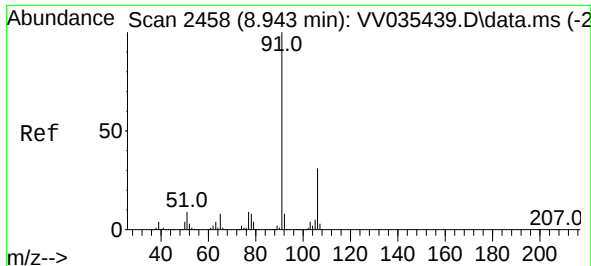
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 58.9 45.6 68.4

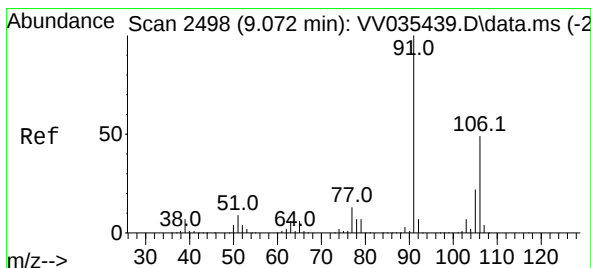
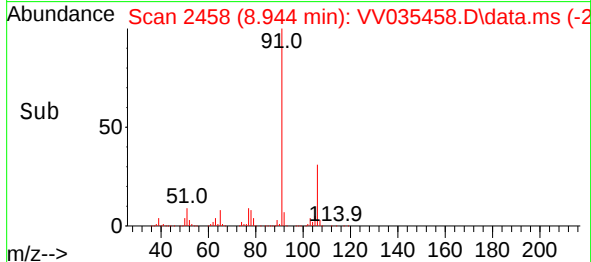
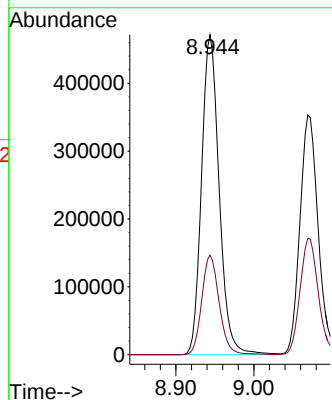
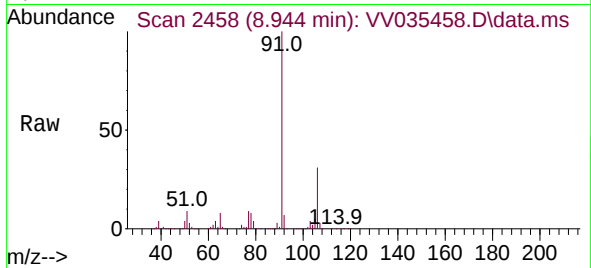




#52
Ethylbenzene
Concen: 49.479 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

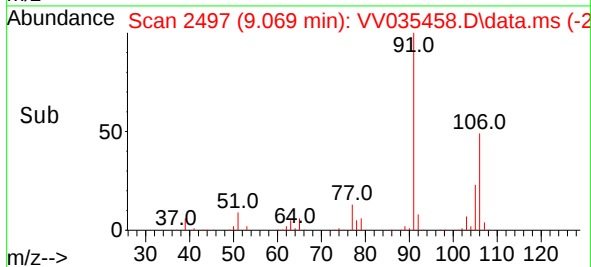
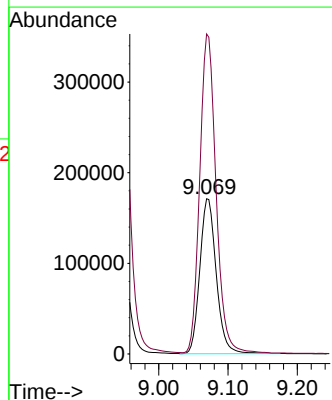
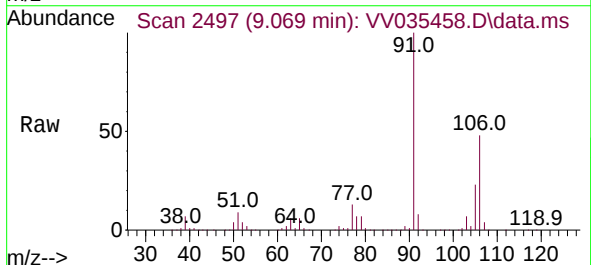
Instrument :
MSVOA_V
ClientSampleId :

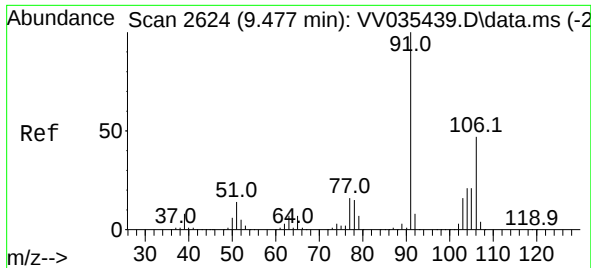
Tgt Ion: 91 Resp: 740659
Ion Ratio Lower Upper
91 100
106 31.1 21.3 39.5



#53
m,p-Xylene
Concen: 49.818 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion: 106 Resp: 282232
Ion Ratio Lower Upper
106 100
91 206.2 142.2 264.0

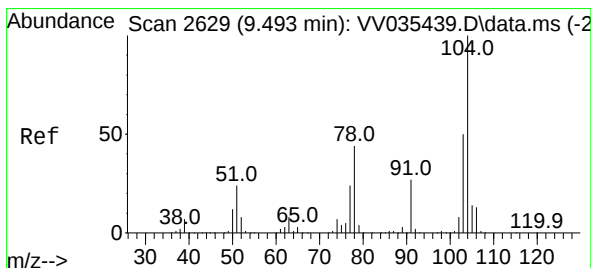
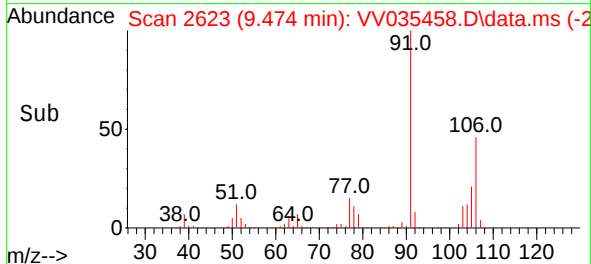
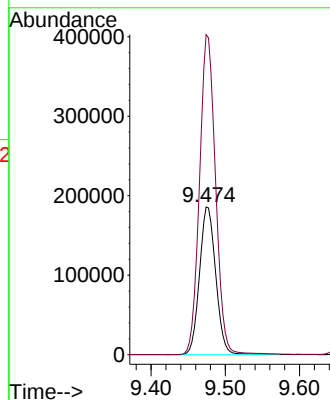
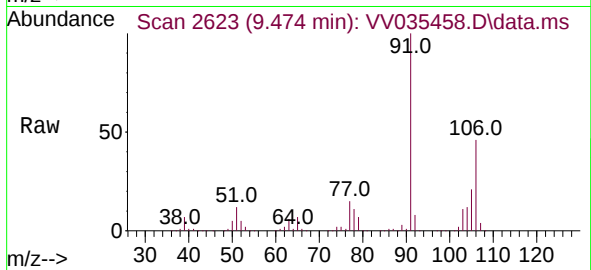




#54
o-Xylene
Concen: 51.073 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.003 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

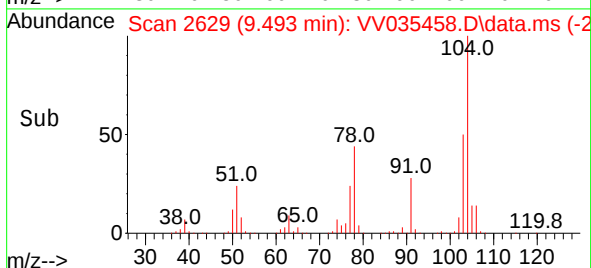
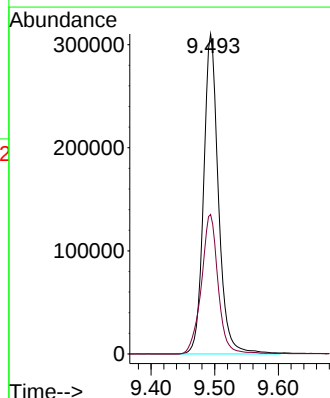
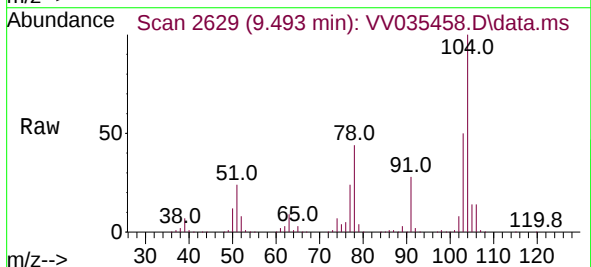
Instrument :
MSVOA_V
ClientSampleId :

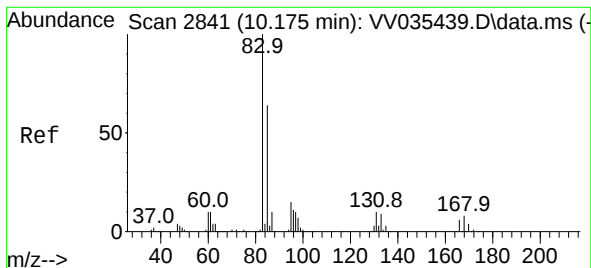
Tgt Ion:106 Resp: 282925
Ion Ratio Lower Upper
106 100
91 216.7 152.7 283.5



#55
Styrene
Concen: 52.719 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion:104 Resp: 503649
Ion Ratio Lower Upper
104 100
78 43.6 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 55.165 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

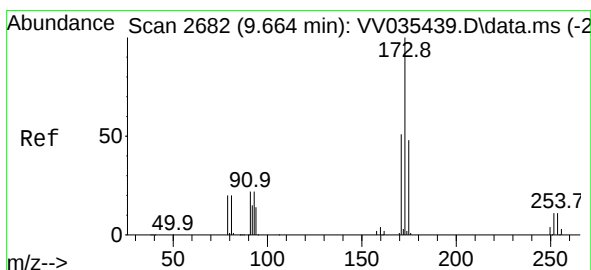
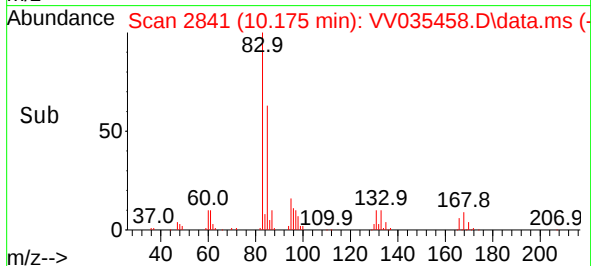
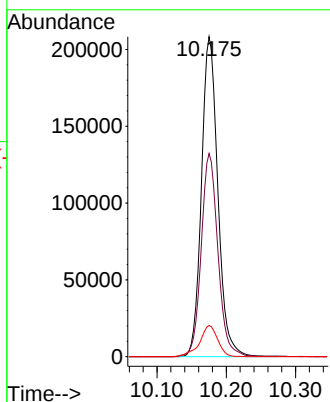
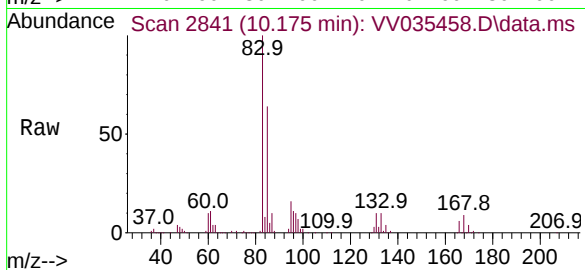
Tgt Ion: 83 Resp: 341769

Ion Ratio Lower Upper

83 100

85 63.5 45.4 84.2

131 9.8 7.9 11.9



#59

Bromoform

Concen: 53.458 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

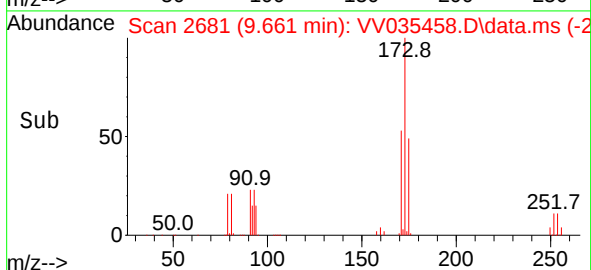
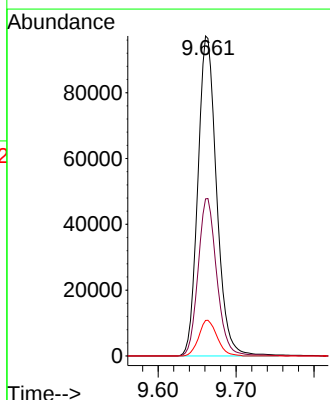
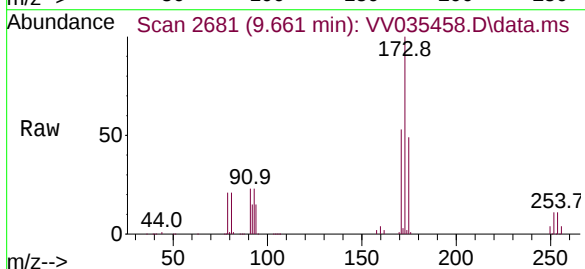
Tgt Ion: 173 Resp: 162103

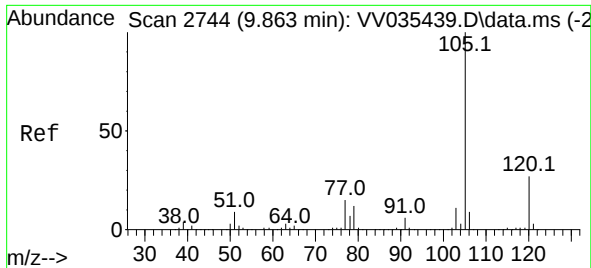
Ion Ratio Lower Upper

173 100

175 49.1 38.6 58.0

254 11.0 8.7 13.1

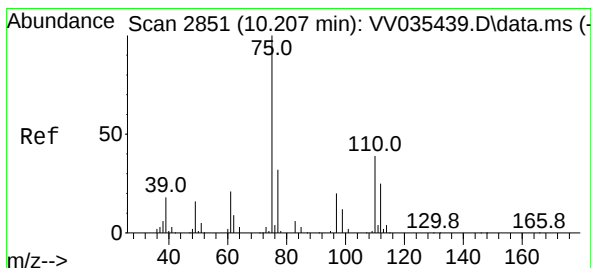
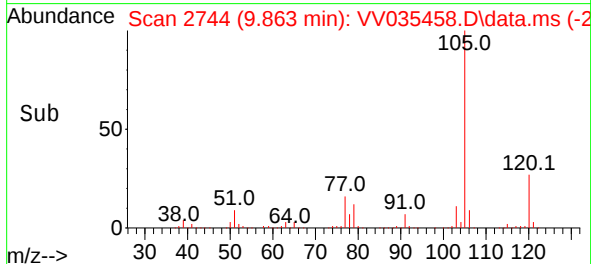
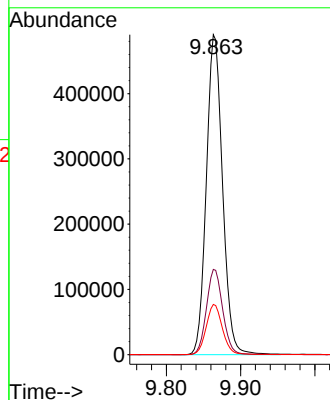
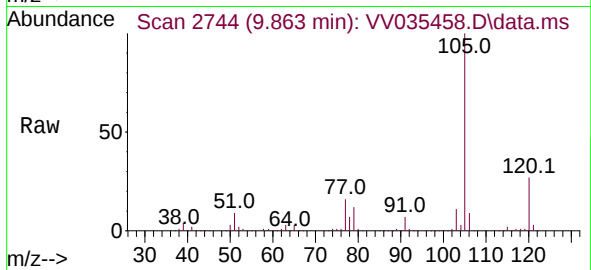




#60
Isopropylbenzene
Concen: 50.661 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

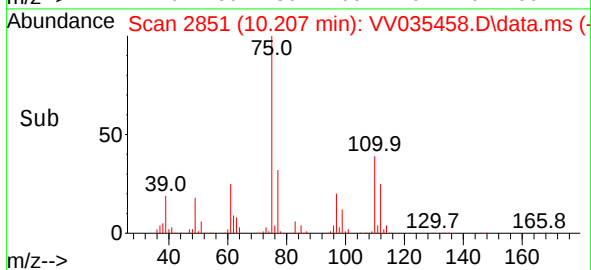
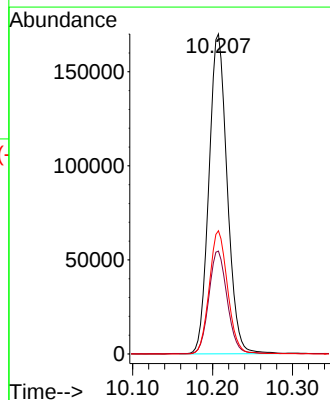
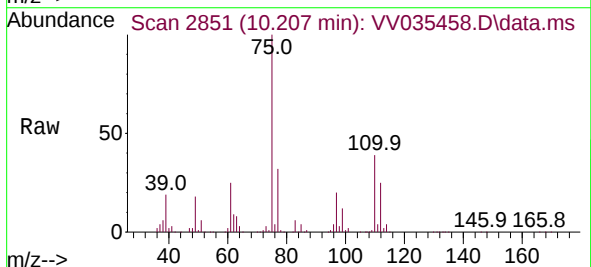
Instrument :
MSVOA_V
ClientSampleId :

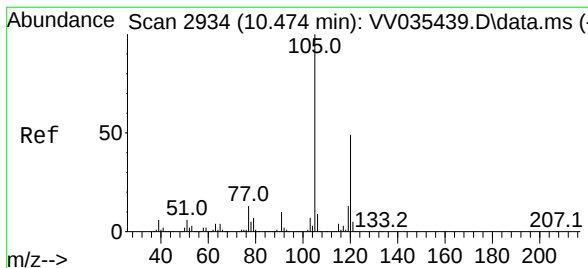
Tgt Ion:105 Resp: 742346
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 15.7 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 56.597 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion: 75 Resp: 270581
Ion Ratio Lower Upper
75 100
77 32.0 25.3 37.9
110 38.7 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 50.980 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

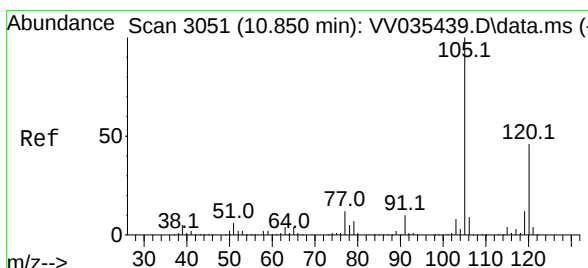
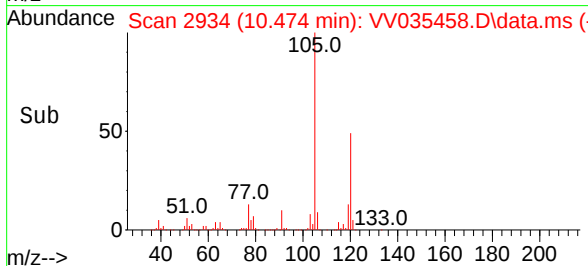
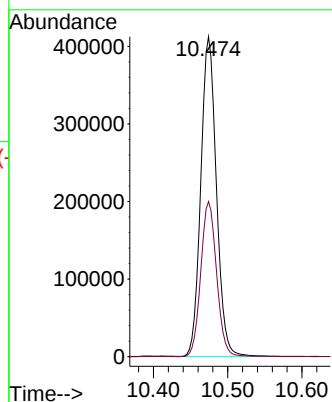
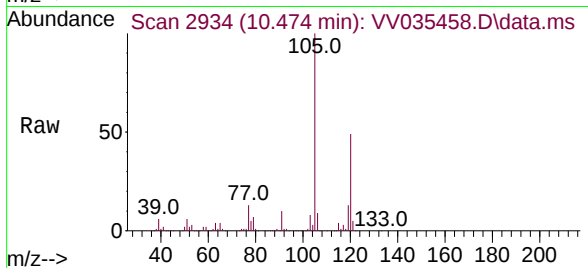
ClientSampleId :

Tgt Ion:105 Resp: 601810

Ion Ratio Lower Upper

105 100

120 49.0 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 52.431 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV035458.D

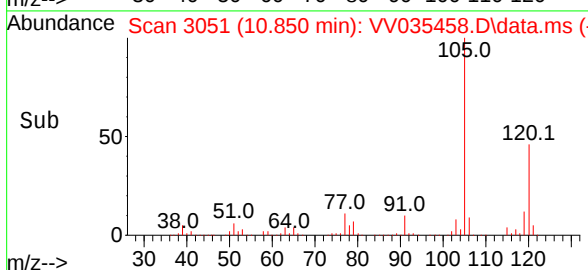
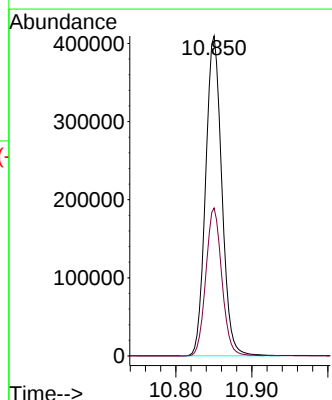
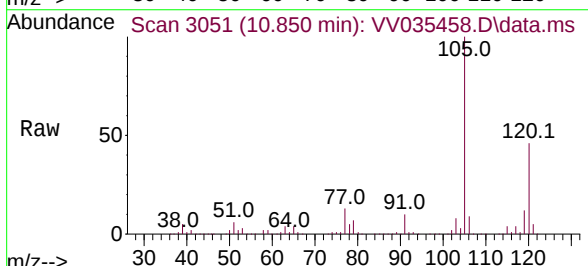
Acq: 29 Apr 2024 09:19

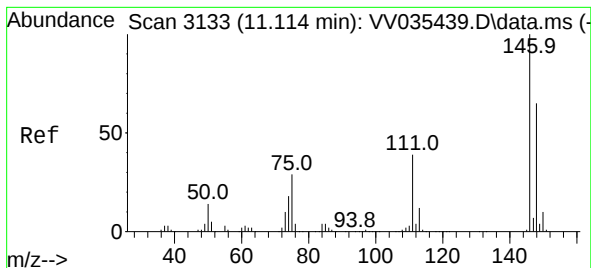
Tgt Ion:105 Resp: 605977

Ion Ratio Lower Upper

105 100

120 45.6 36.7 55.1





#64

1,3-Dichlorobenzene

Concen: 49.137 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

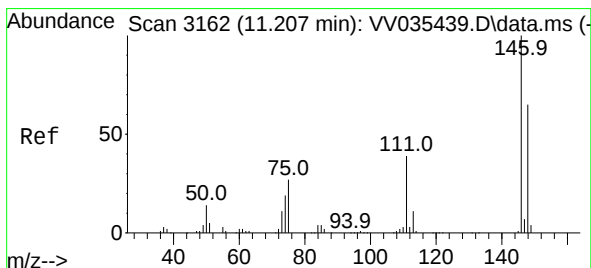
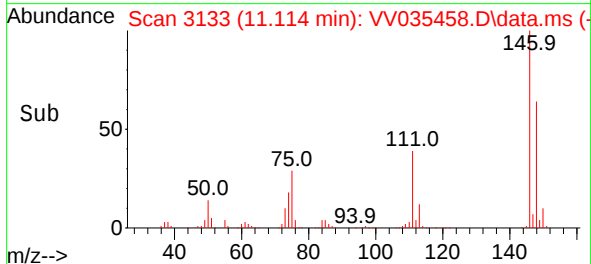
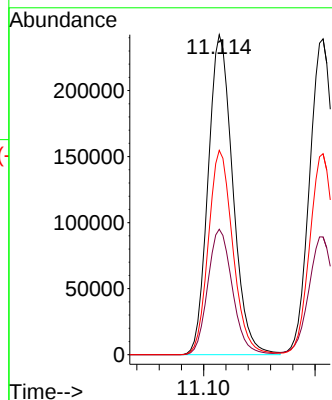
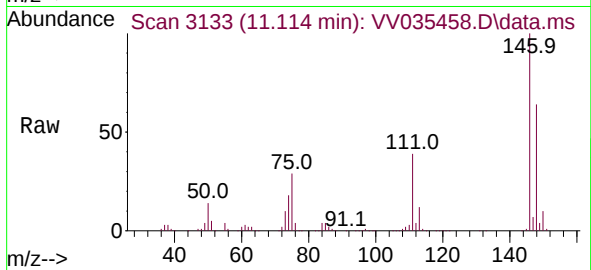
Tgt Ion:146 Resp: 372994

Ion Ratio Lower Upper

146 100

111 39.2 27.0 50.2

148 63.9 44.2 82.2



#65

1,4-Dichlorobenzene

Concen: 48.541 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

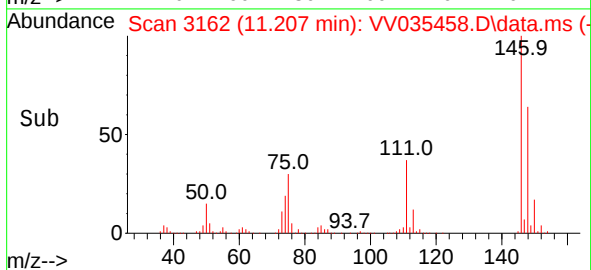
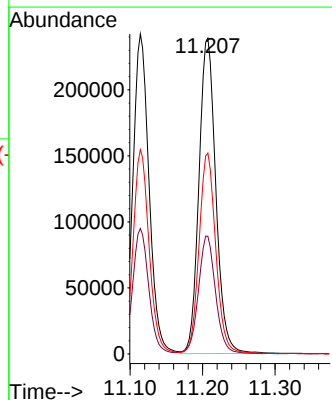
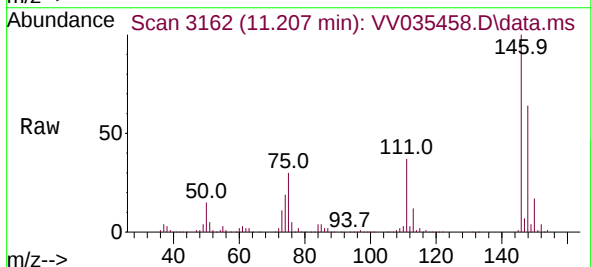
Tgt Ion:146 Resp: 386491

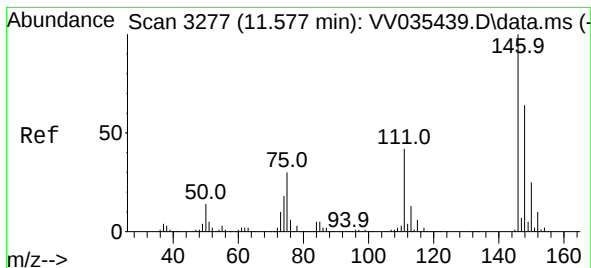
Ion Ratio Lower Upper

146 100

111 37.3 26.5 49.1

148 63.6 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 51.028 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :

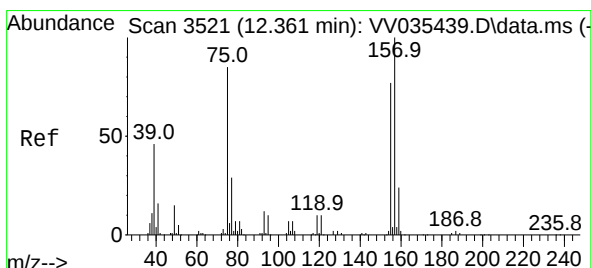
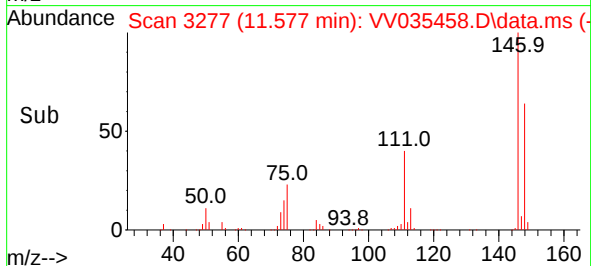
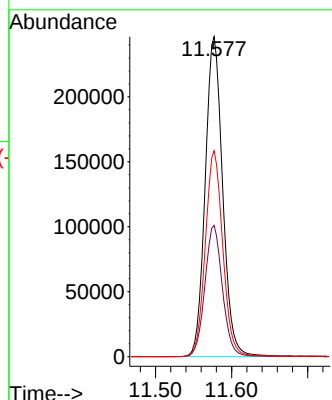
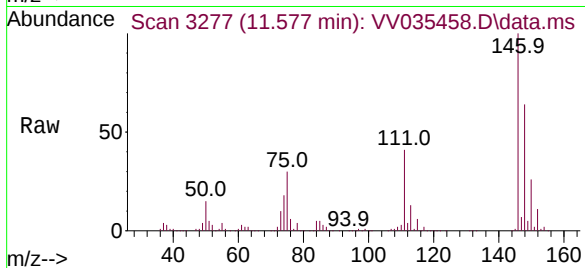
Tgt Ion:146 Resp: 392455

Ion Ratio Lower Upper

146 100

111 41.0 33.3 49.9

148 64.3 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 62.457 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

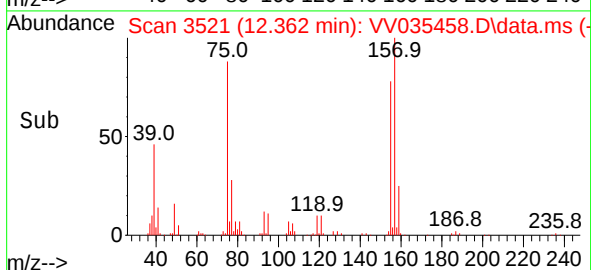
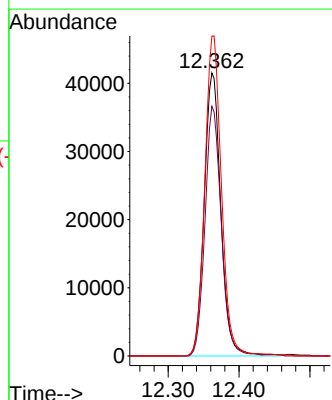
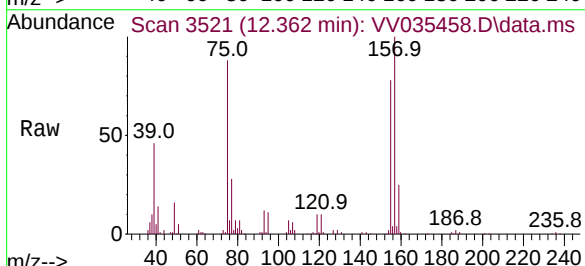
Tgt Ion: 75 Resp: 67553

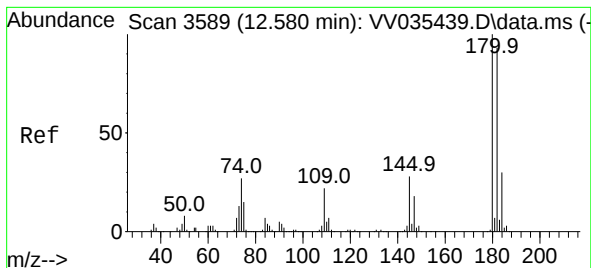
Ion Ratio Lower Upper

75 100

155 88.2 70.6 106.0

157 113.0 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 46.892 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

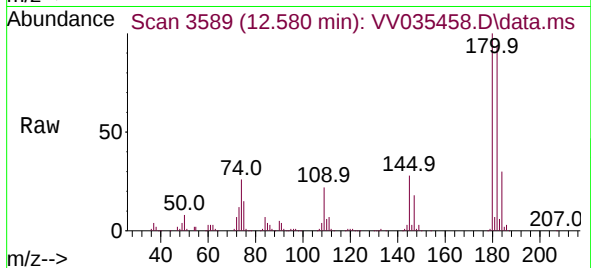
Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 252206

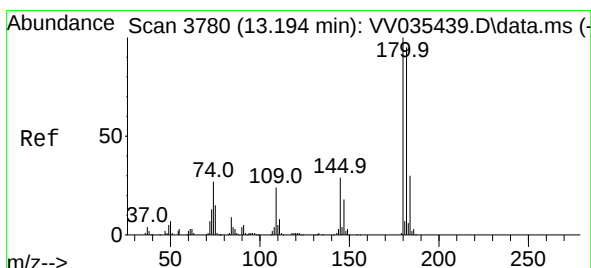
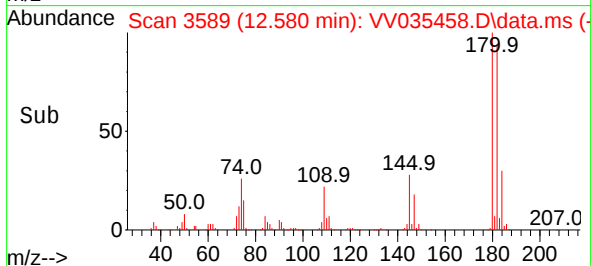
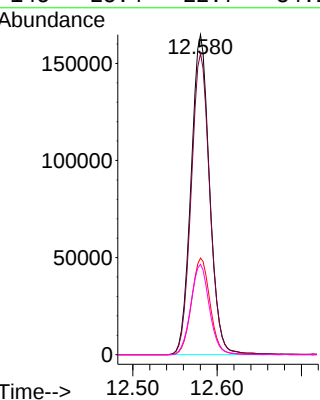
Ion Ratio Lower Upper

180 100

182 94.4 76.2 114.2

184 30.3 23.8 35.6

145 28.4 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 47.534 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV035458.D

Acq: 29 Apr 2024 09:19

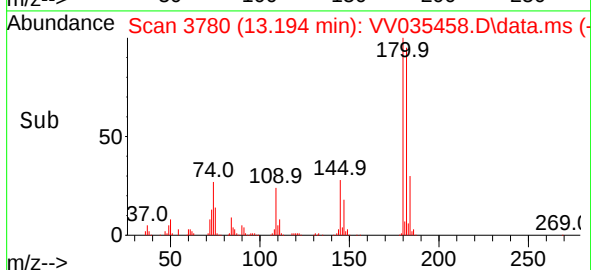
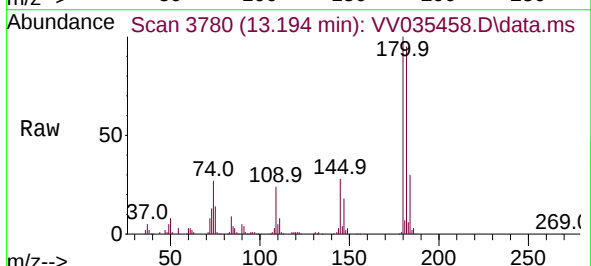
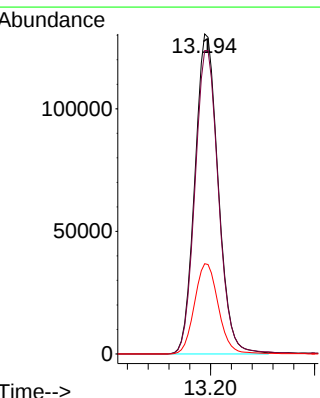
Tgt Ion:180 Resp: 202951

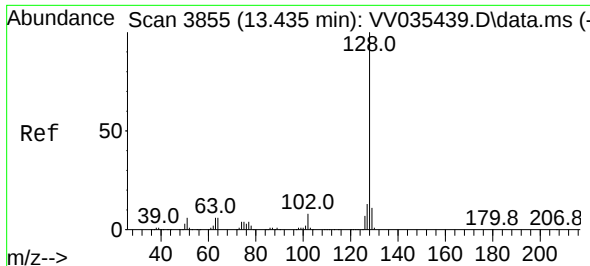
Ion Ratio Lower Upper

180 100

182 95.8 75.1 112.7

145 29.0 23.2 34.8

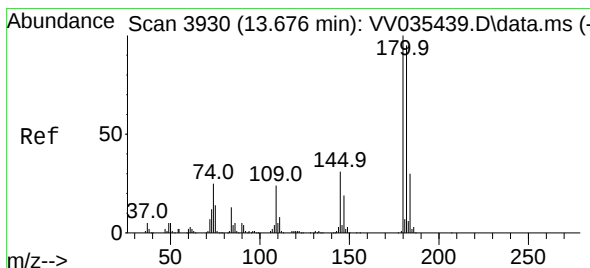
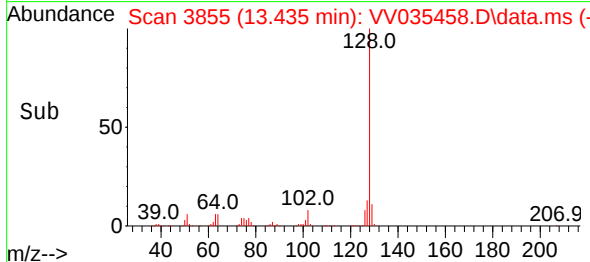
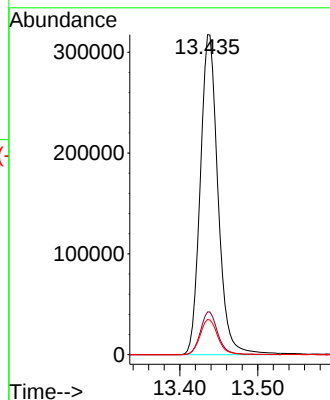
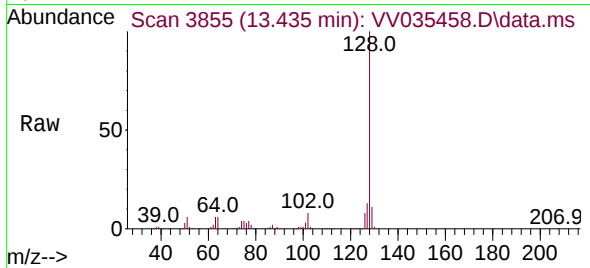




#71
Naphthalene
Concen: 53.702 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 500209
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 51.325 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035458.D
Acq: 29 Apr 2024 09:19

Tgt Ion:180 Resp: 213531
Ion Ratio Lower Upper
180 100
182 96.3 76.6 115.0
145 31.3 24.7 37.1

