

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035492.D
 Acq On : 01 May 2024 13:03
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 01:15:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	546341	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	531205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	281601	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196210	46.577	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.160%
7) Chloroethane-d5	1.529	69	157603	50.768	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.540%
11) 1,1-Dichloroethene-d2	2.056	65	83310	46.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.140%
21) 2-Butanone-d5	3.789	46	283091	99.573	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.570%
24) Chloroform-d	4.246	84	368584	47.701	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	4.937	65	215761	47.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.840%
32) Benzene-d6	4.957	84	730929	48.884	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	5.985	67	227139	48.721	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.440%
41) Toluene-d8	7.239	98	685296	50.352	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.700%
43) trans-1,3-Dichloroprop...	7.551	79	110077	48.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.900%
47) 2-Hexanone-d5	8.021	63	222496	103.855	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.850%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	337069	47.448	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.900%
66) 1,2-Dichlorobenzene-d4	11.558	152	262266	46.877	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	174259	47.610	ug/L	99
3) Chloromethane	1.214	50	184379	46.500	ug/L	98
5) Vinyl chloride	1.281	62	199688	47.822	ug/L	99
6) Bromomethane	1.487	94	130190	49.037	ug/L	100
8) Chloroethane	1.548	64	127735	53.204	ug/L	99
9) Trichlorofluoromethane	1.709	101	273501	48.686	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	175462	49.277	ug/L	98
12) 1,1-Dichloroethene	2.066	96	154276	48.505	ug/L	92
13) Acetone	2.124	43	221545	84.172	ug/L	99
14) Carbon disulfide	2.236	76	398708	47.718	ug/L	100
15) Methyl Acetate	2.375	43	213640	50.038	ug/L	100
16) Methylene chloride	2.442	84	190001	47.145	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	167000	49.674	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	586923	49.642	ug/L	100
19) 1,1-Dichloroethane	3.108	63	340937	48.296	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	195685	48.940	ug/L	97
22) 2-Butanone	3.870	43	298245	95.719	ug/L	99
23) Bromochloromethane	4.143	128	104341	47.714	ug/L	97
25) Chloroform	4.272	83	354257	48.619	ug/L	99

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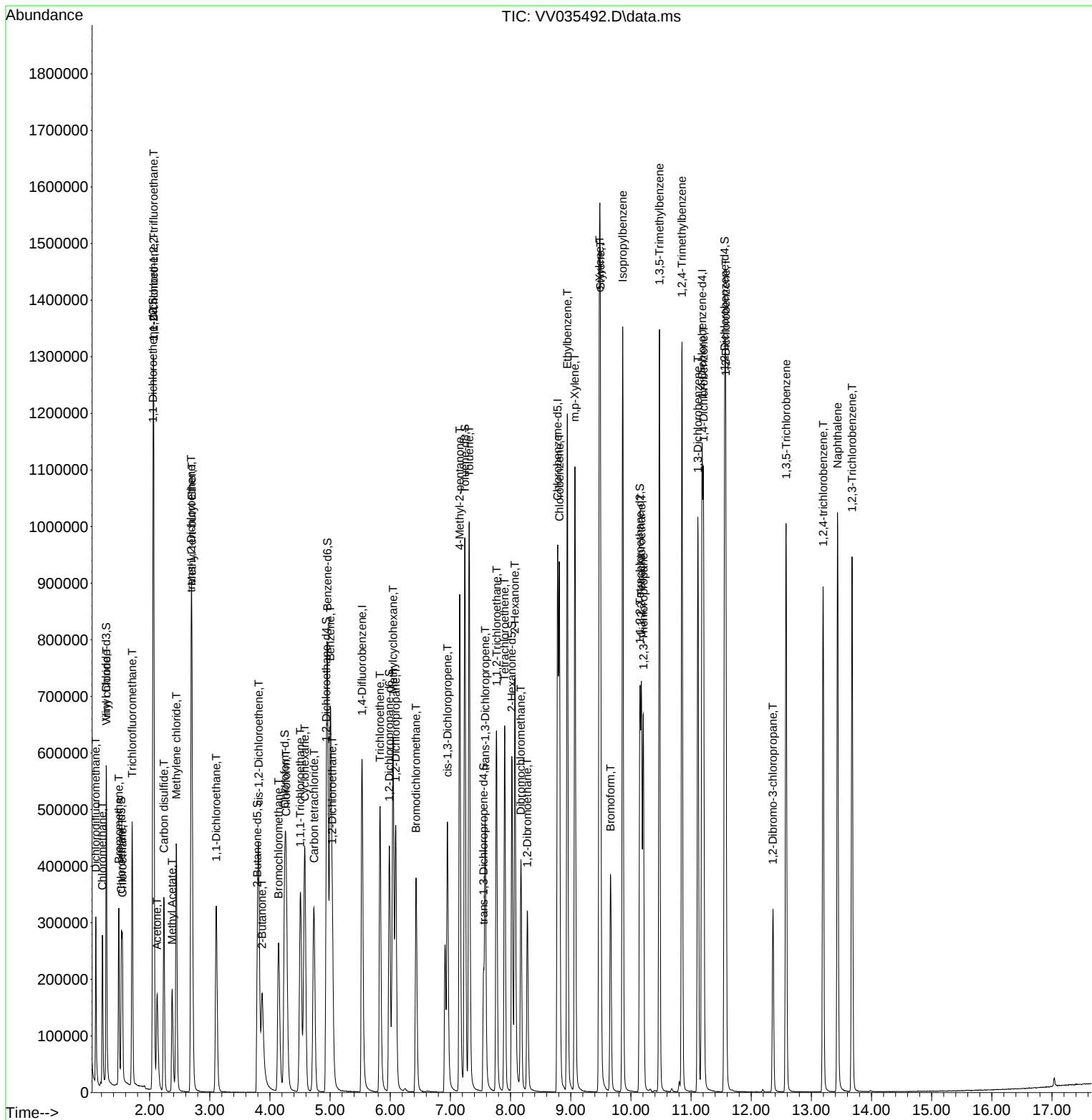
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 ClientSampleId :

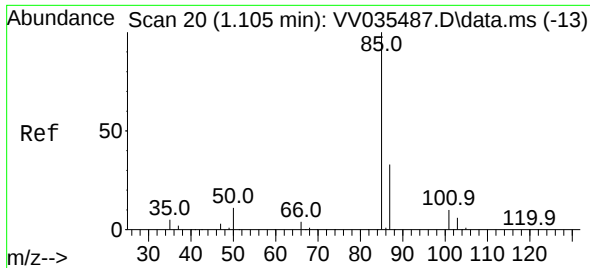
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 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	253324	48.579	ug/L	100
29) Cyclohexane	4.577	56	244156	51.479	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	300908	49.497	ug/L	99
31) Carbon tetrachloride	4.731	117	260987	49.651	ug/L	100
33) Benzene	5.005	78	719070	50.128	ug/L	100
34) Trichloroethene	5.831	95	189819	49.726	ug/L	99
35) Methylcyclohexane	6.047	83	278608	51.737	ug/L	100
37) 1,2-Dichloropropane	6.092	63	200774	50.942	ug/L	99
38) Bromodichloromethane	6.429	83	265708	49.004	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	317901	51.383	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	559502	106.351	ug/L	99
42) Toluene	7.313	91	773561	51.403	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	302758	51.518	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	209965	49.813	ug/L	99
46) Tetrachloroethene	7.902	164	153303	49.722	ug/L	98
48) 2-Hexanone	8.072	43	444627	103.872	ug/L	99
49) Dibromochloromethane	8.172	129	216814	49.140	ug/L	99
50) 1,2-Dibromoethane	8.278	107	219394	49.820	ug/L	100
51) Chlorobenzene	8.812	112	514855	49.284	ug/L	100
52) Ethylbenzene	8.944	91	840488	51.697	ug/L	99
53) m,p-Xylene	9.069	106	320597	53.156	ug/L	99
54) o-Xylene	9.477	106	315028	51.836	ug/L	96
55) Styrene	9.493	104	568089	54.084	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	349242	48.425	ug/L	98
59) Bromoform	9.664	173	177014	48.599	ug/L	100
60) Isopropylbenzene	9.863	105	863464	53.098	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	273934	48.489	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	701649	53.912	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	706433	54.132	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	422061	50.123	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	431851	48.603	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	433434	49.199	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	82719	49.717	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	321152	50.247	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	290579	51.608	ug/L	100
71) Naphthalene	13.435	128	812691	51.499	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	305052	52.195	ug/L	100

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

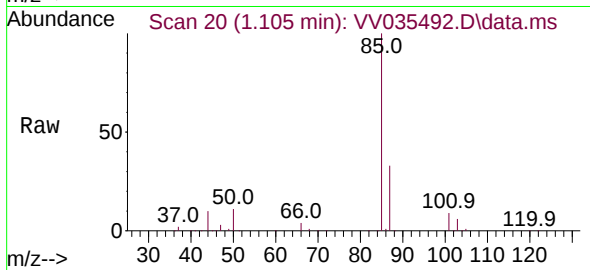
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
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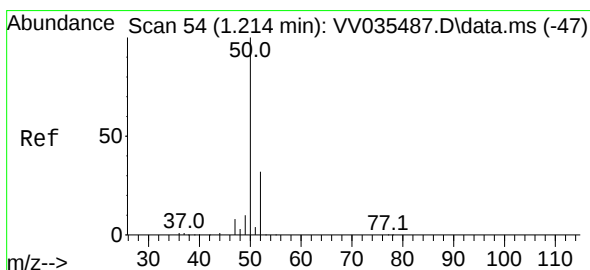
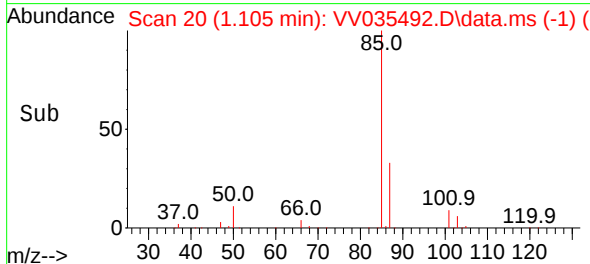
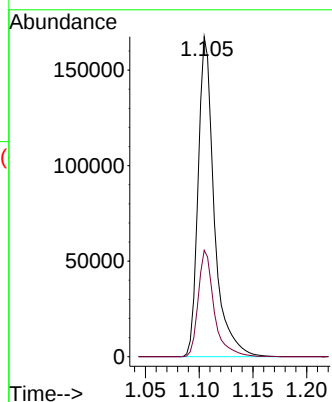


#2
 Dichlorodifluoromethane
 Concen: 47.610 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

Instrument :
 MSVOA_V
 ClientSampleId :

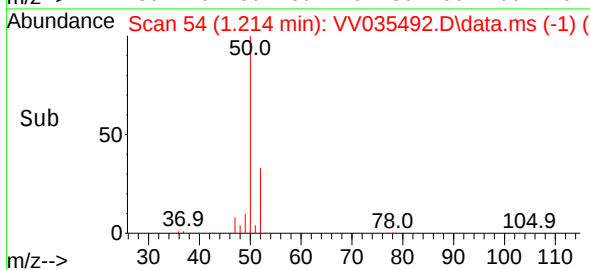
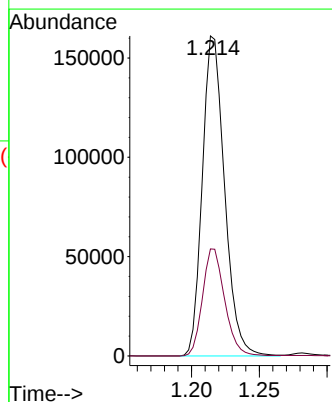
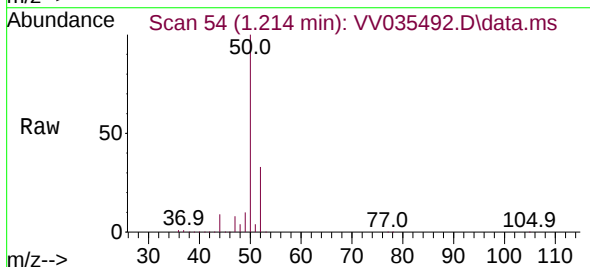


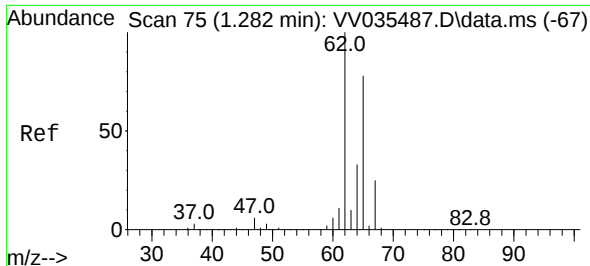
Tgt Ion: 85 Resp: 174259
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 46.500 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

Tgt Ion: 50 Resp: 184379
 Ion Ratio Lower Upper
 50 100
 52 33.5 22.6 42.0

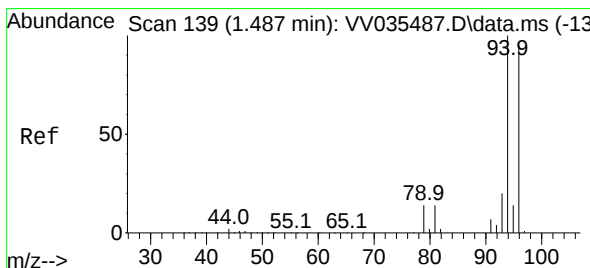
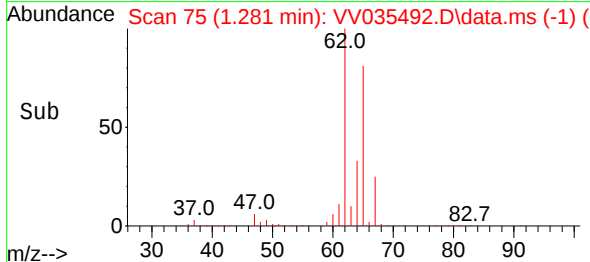
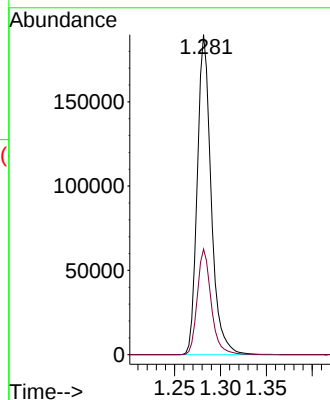
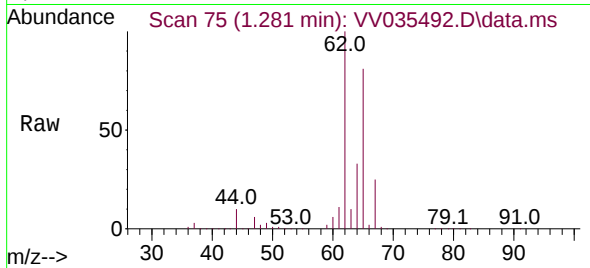




#5
 Vinyl chloride
 Concen: 47.822 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

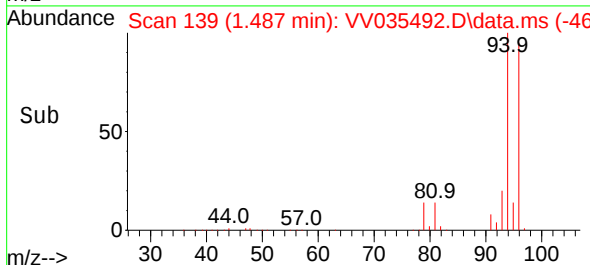
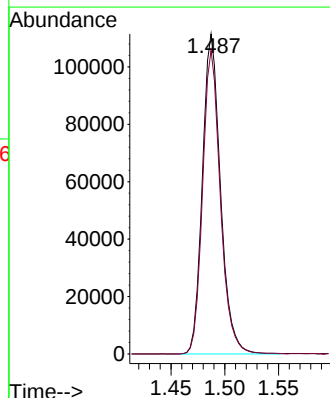
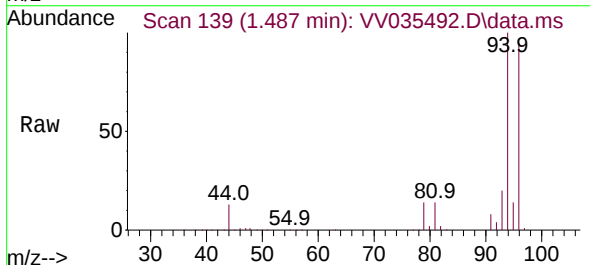
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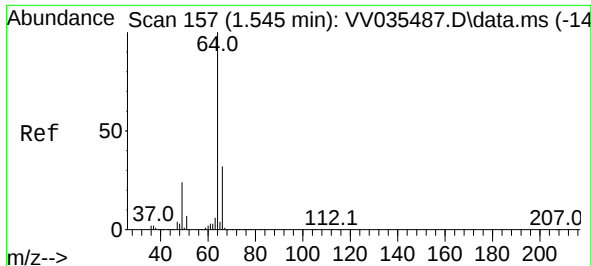
Tgt Ion: 62 Resp: 199688
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#6
 Bromomethane
 Concen: 49.037 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

Tgt Ion: 94 Resp: 130190
 Ion Ratio Lower Upper
 94 100
 96 94.9 66.2 123.0

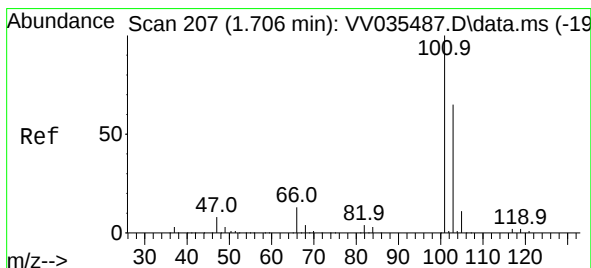
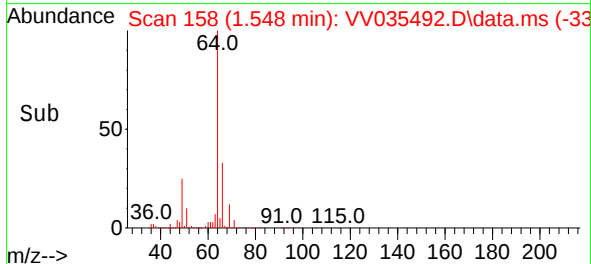
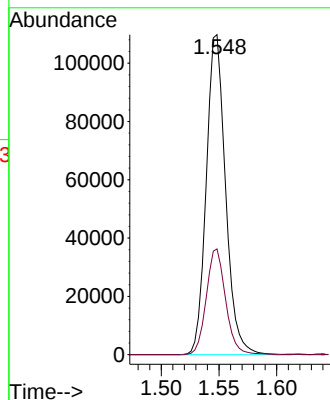
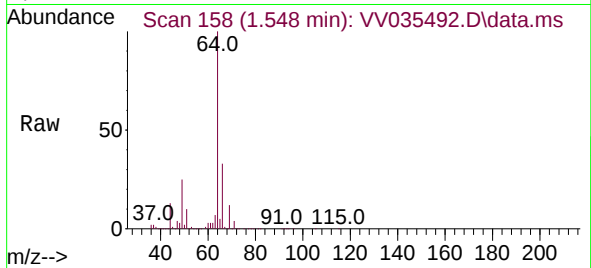




#8
Chloroethane
Concen: 53.204 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

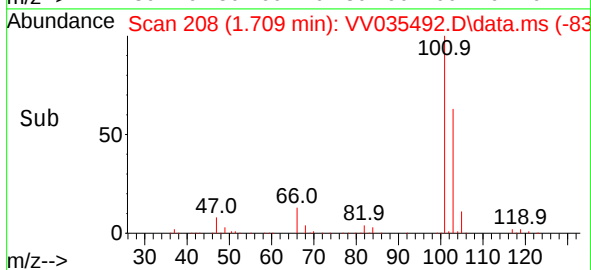
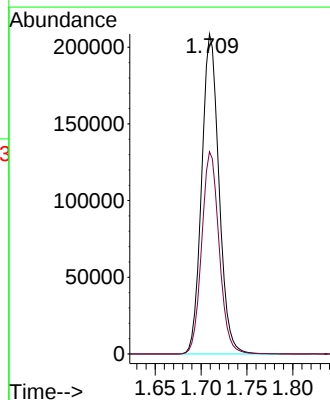
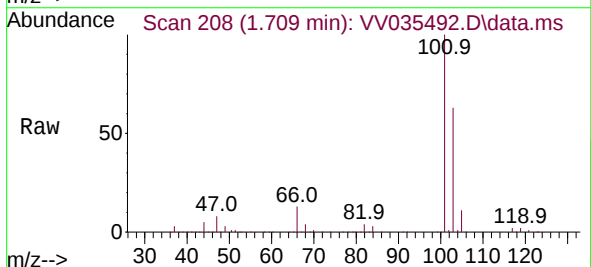
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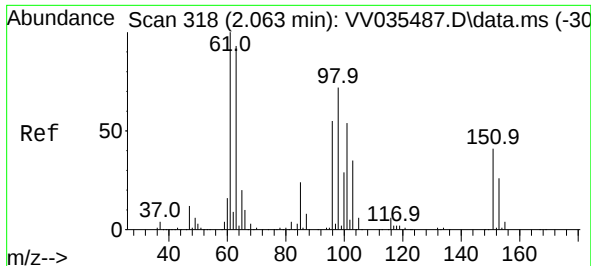
Tgt Ion: 64 Resp: 127735
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.1



#9
Trichlorofluoromethane
Concen: 48.686 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion:101 Resp: 273501
Ion Ratio Lower Upper
101 100
103 63.8 52.0 78.0





#10

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

Concen: 49.277 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

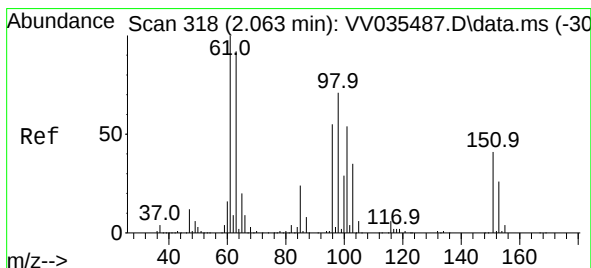
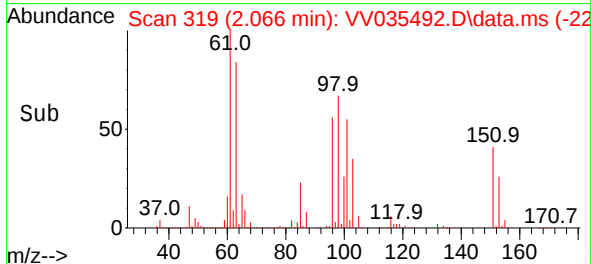
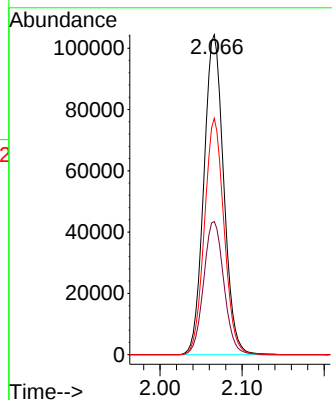
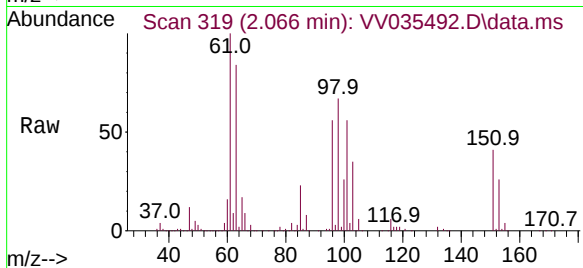
Tgt Ion:101 Resp: 175462

Ion Ratio Lower Upper

101 100

85 42.5 34.4 51.6

151 72.9 60.1 90.1



#12

1,1-Dichloroethene

Concen: 48.505 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

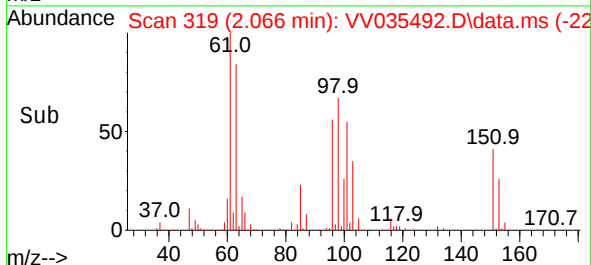
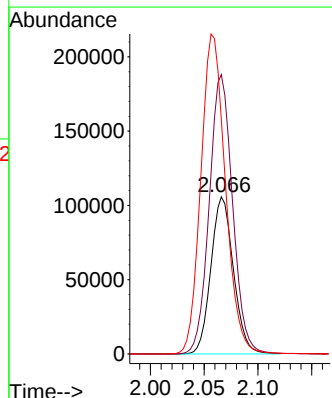
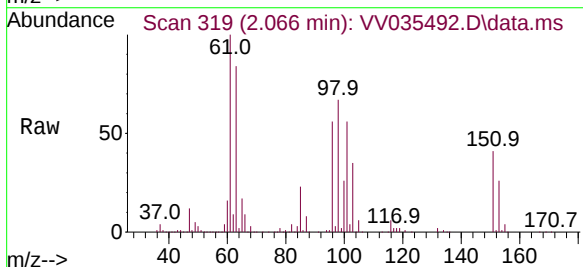
Tgt Ion: 96 Resp: 154276

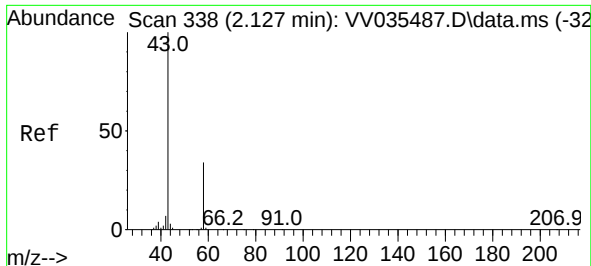
Ion Ratio Lower Upper

96 100

61 177.9 126.5 234.9

63 149.2 118.1 219.3





#13

Acetone

Concen: 84.172 ug/L

RT: 2.124 min Scan# 338

Delta R.T. -0.003 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

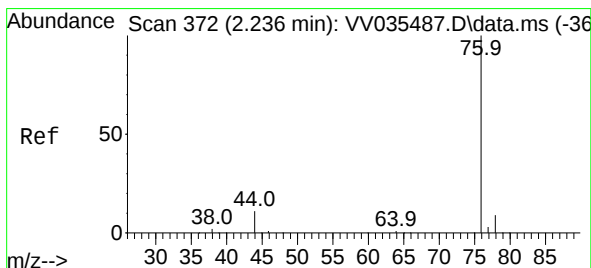
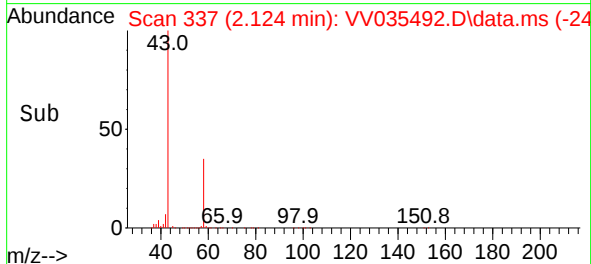
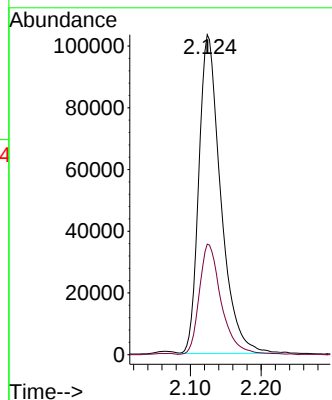
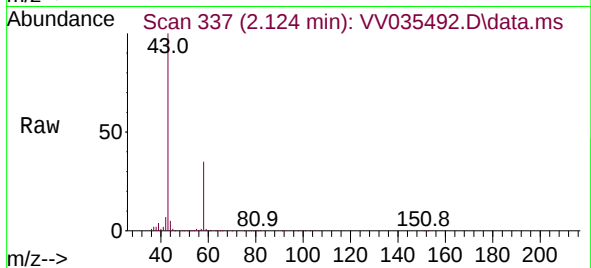
ClientSampleId :

Tgt Ion: 43 Resp: 221545

Ion Ratio Lower Upper

43 100

58 34.7 0.0 68.8



#14

Carbon disulfide

Concen: 47.718 ug/L

RT: 2.236 min Scan# 372

Delta R.T. -0.000 min

Lab File: VV035492.D

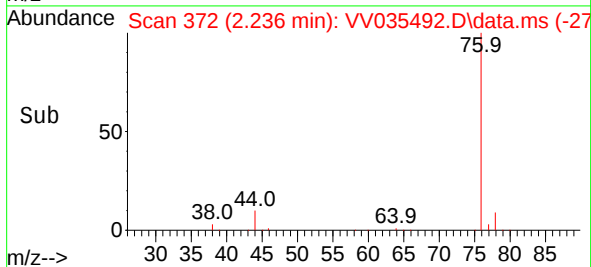
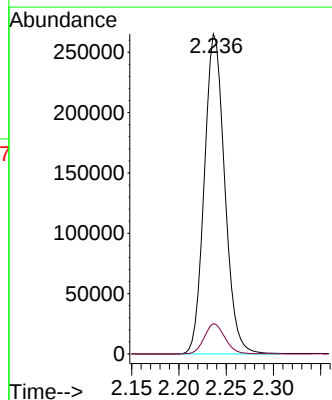
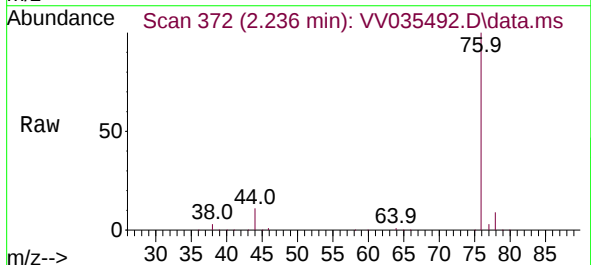
Acq: 01 May 2024 13:03

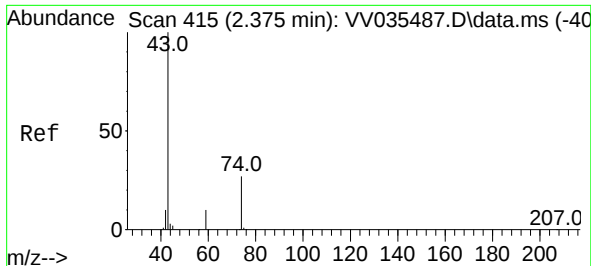
Tgt Ion: 76 Resp: 398708

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4

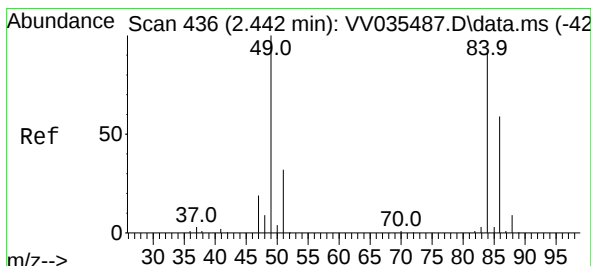
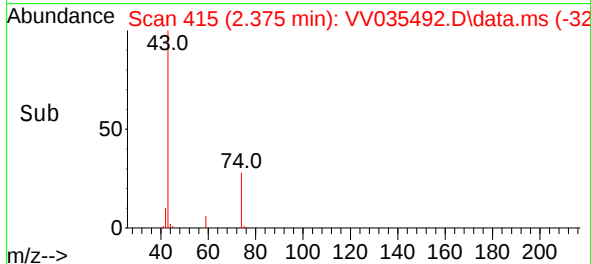
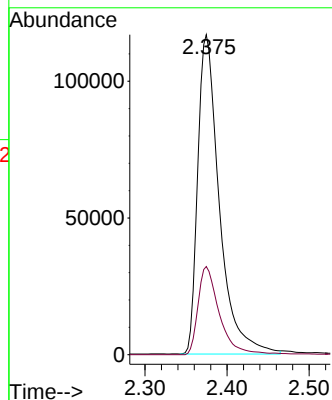
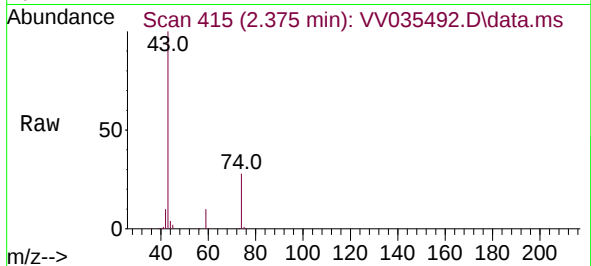




#15
Methyl Acetate
Concen: 50.038 ug/L
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

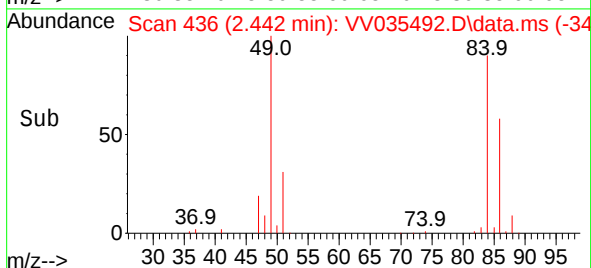
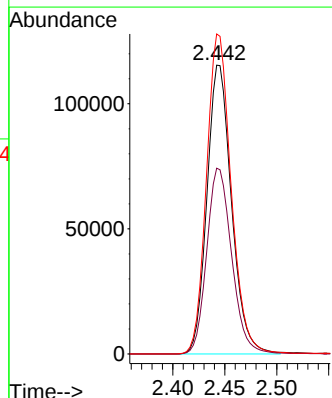
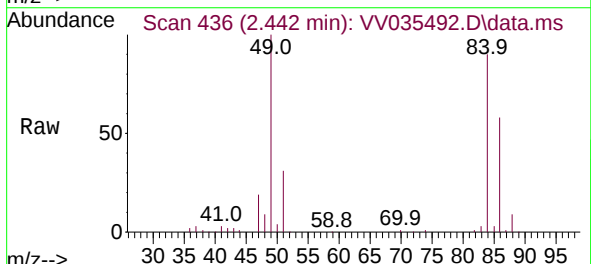
Instrument :
MSVOA_V
ClientSampleId :

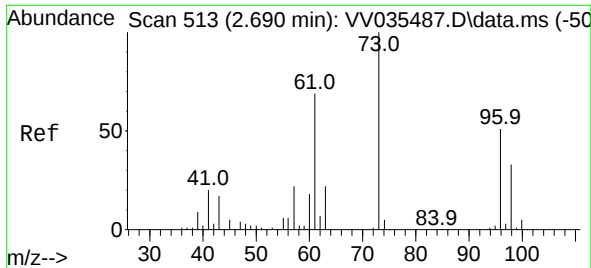
Tgt Ion: 43 Resp: 213640
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4



#16
Methylene chloride
Concen: 47.145 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion: 84 Resp: 190001
Ion Ratio Lower Upper
84 100
86 64.3 45.3 84.1
49 110.8 76.9 142.7

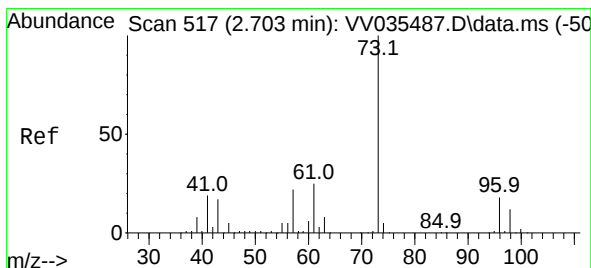
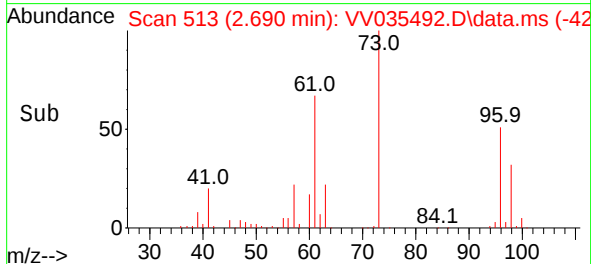
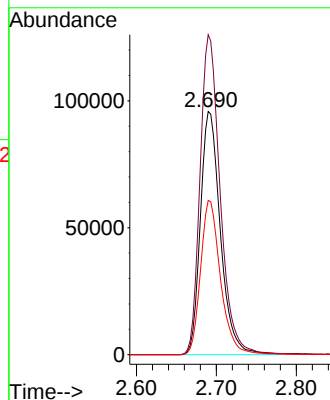
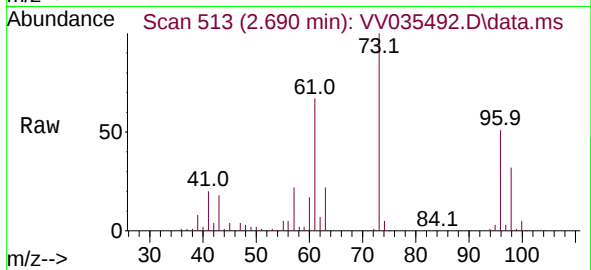




#17
trans-1,2-Dichloroethene
Concen: 49.674 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

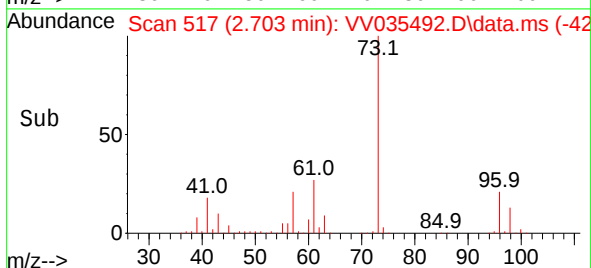
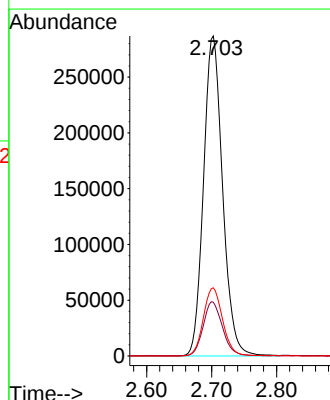
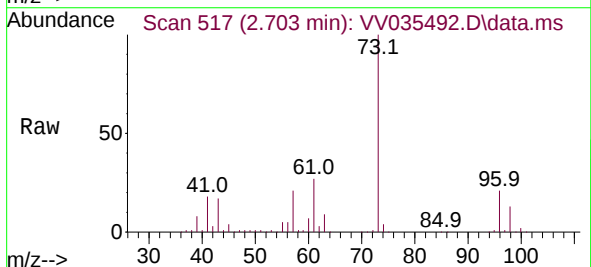
Instrument :
MSVOA_V
ClientSampleId :

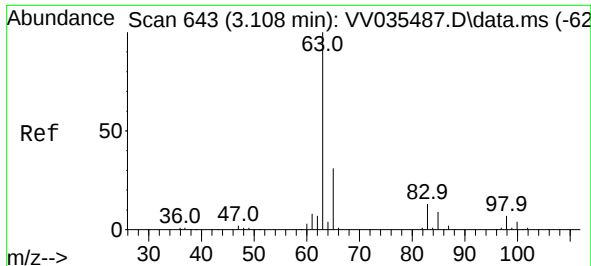
Tgt Ion: 96 Resp: 167000
Ion Ratio Lower Upper
96 100
61 131.6 95.5 177.3
98 63.4 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 49.642 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion: 73 Resp: 586923
Ion Ratio Lower Upper
73 100
43 16.9 13.6 20.4
57 21.5 17.4 26.0





#19

1,1-Dichloroethane

Concen: 48.296 ug/L

RT: 3.108 min Scan# 643

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

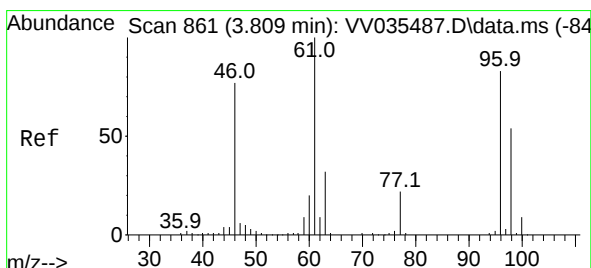
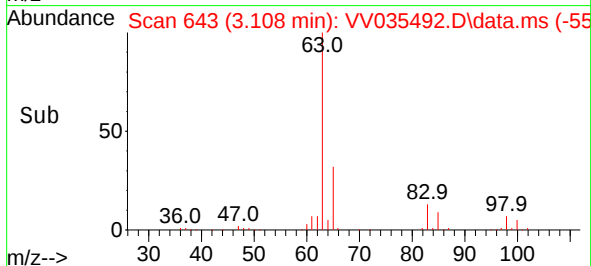
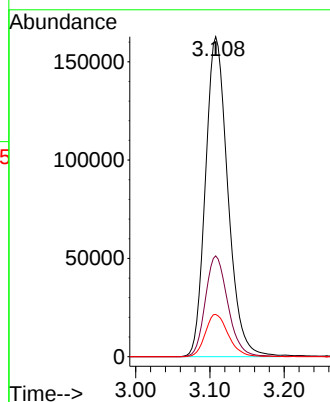
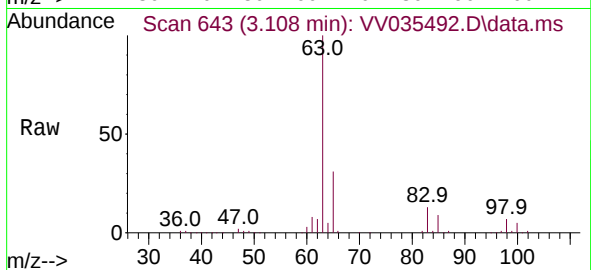
Tgt Ion: 63 Resp: 340937

Ion Ratio Lower Upper

63 100

65 31.5 21.8 40.4

83 13.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 48.940 ug/L

RT: 3.812 min Scan# 862

Delta R.T. 0.003 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

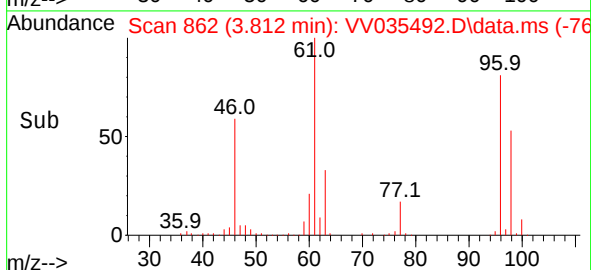
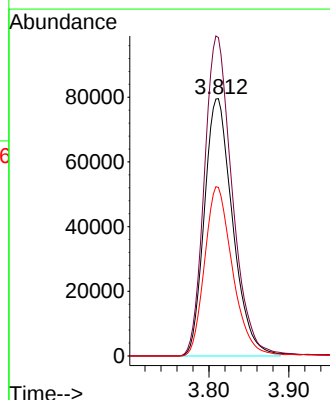
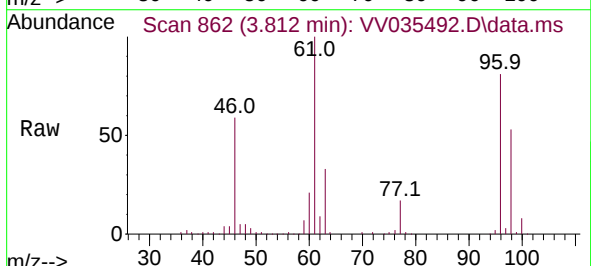
Tgt Ion: 96 Resp: 195685

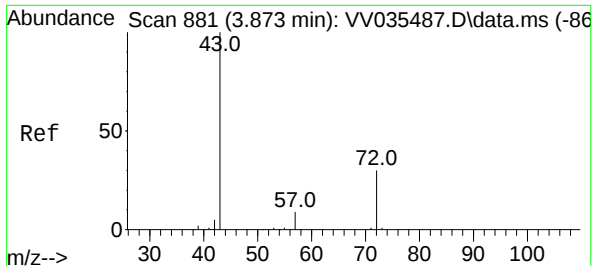
Ion Ratio Lower Upper

96 100

61 123.8 84.0 156.0

98 65.5 44.9 83.5

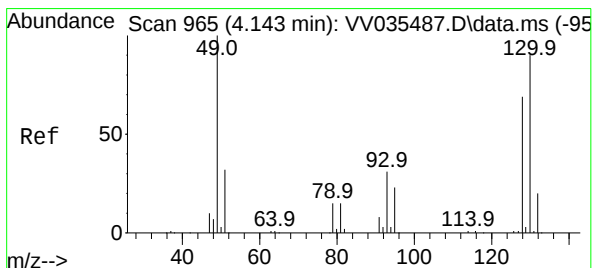
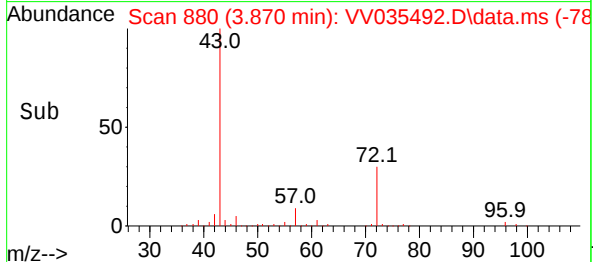
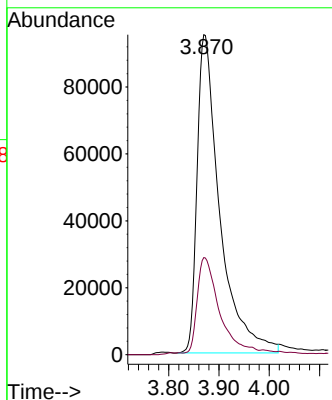
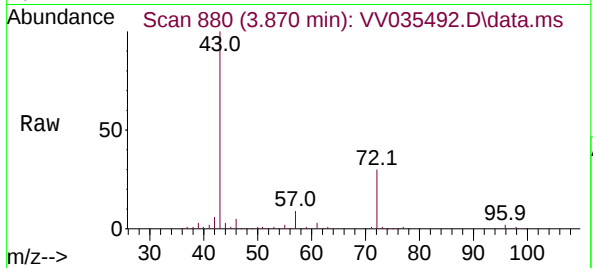




#22
2-Butanone
Concen: 95.719 ug/L
RT: 3.870 min Scan# 881
Delta R.T. -0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

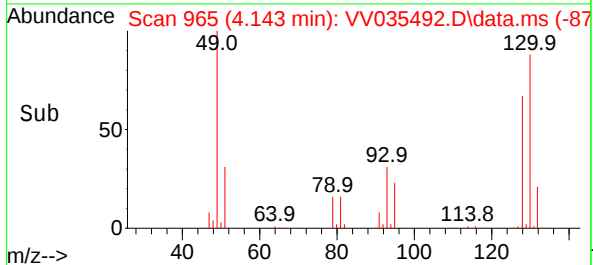
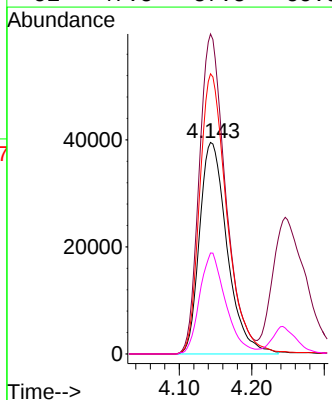
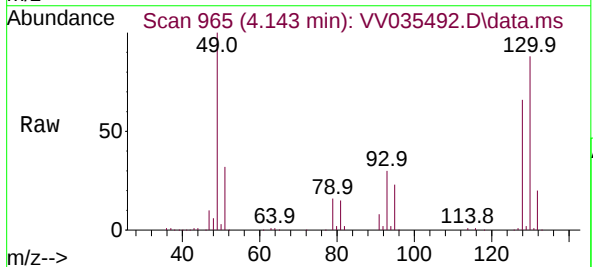
Instrument :
MSVOA_V
ClientSampleId :

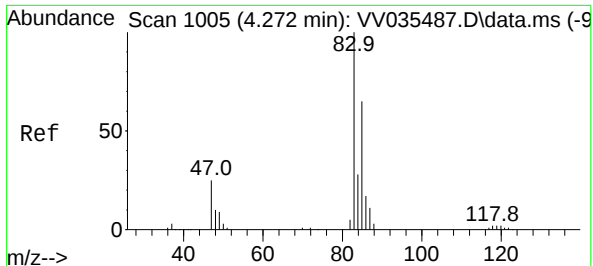
Tgt Ion: 43 Resp: 298245
Ion Ratio Lower Upper
43 100
72 28.2 14.4 43.0



#23
Bromochloromethane
Concen: 47.714 ug/L
RT: 4.143 min Scan# 965
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion:128 Resp: 104341
Ion Ratio Lower Upper
128 100
49 151.3 102.0 189.4
130 132.5 91.5 169.9
51 47.8 37.3 55.9





#25

Chloroform

Concen: 48.619 ug/L

RT: 4.272 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

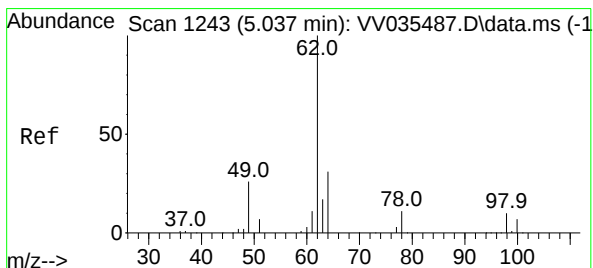
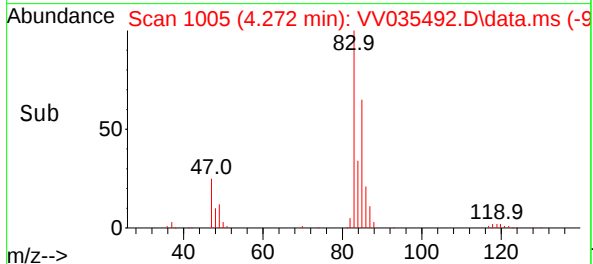
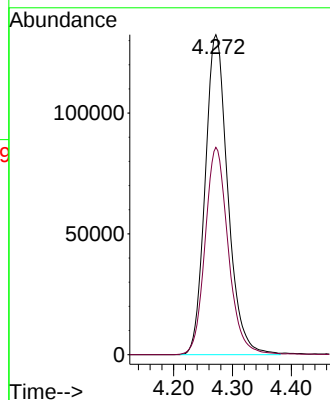
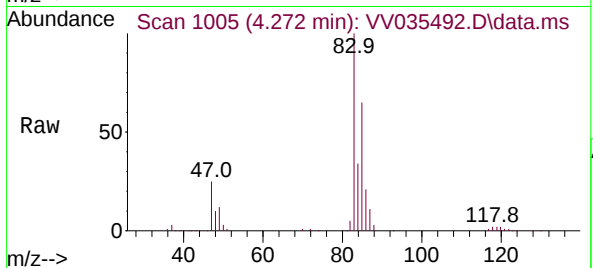
ClientSampleId :

Tgt Ion: 83 Resp: 354257

Ion Ratio Lower Upper

83 100

85 64.8 45.8 85.2



#27

1,2-Dichloroethane

Concen: 48.579 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VV035492.D

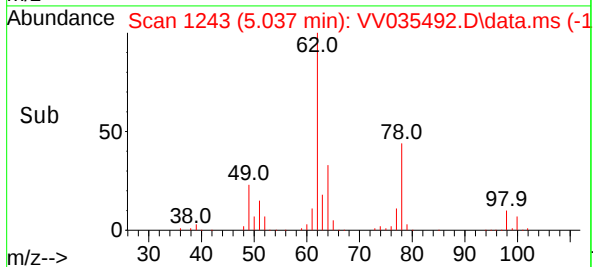
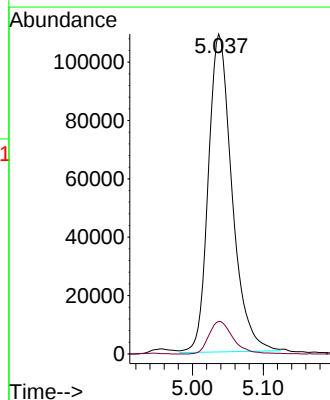
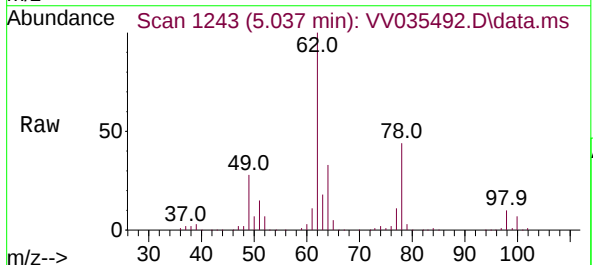
Acq: 01 May 2024 13:03

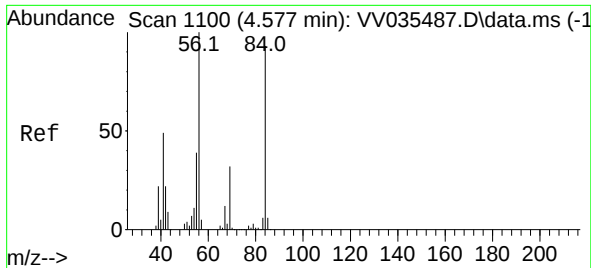
Tgt Ion: 62 Resp: 253324

Ion Ratio Lower Upper

62 100

98 10.1 8.2 12.2





#29

Cyclohexane

Concen: 51.479 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. -0.000 min

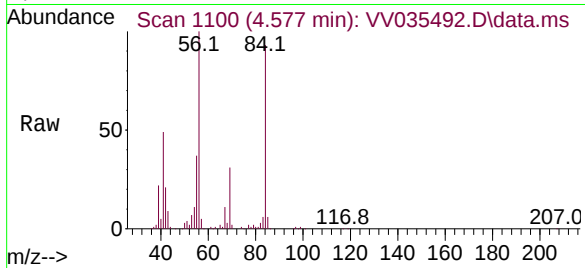
Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :



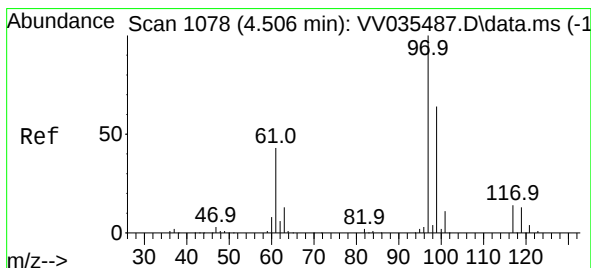
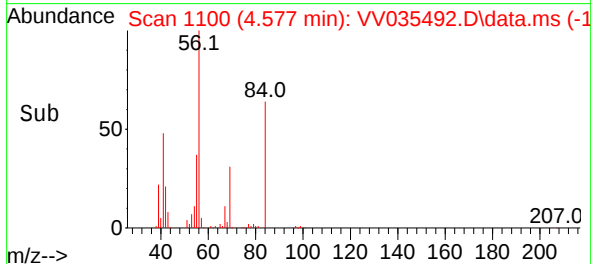
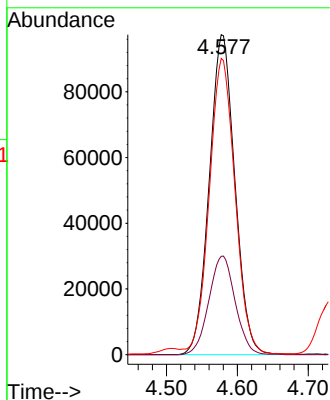
Tgt Ion: 56 Resp: 244156

Ion Ratio Lower Upper

56 100

69 31.7 25.5 38.3

84 92.4 73.6 110.4



#30

1,1,1-Trichloroethane

Concen: 49.497 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

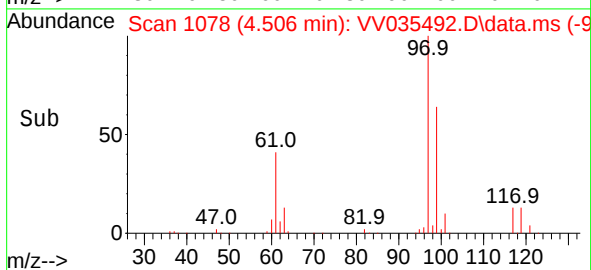
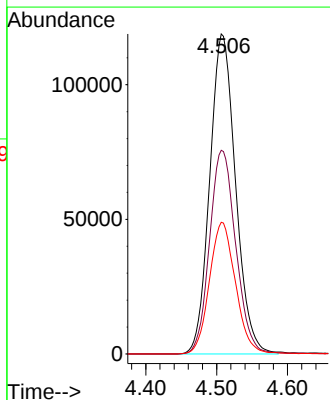
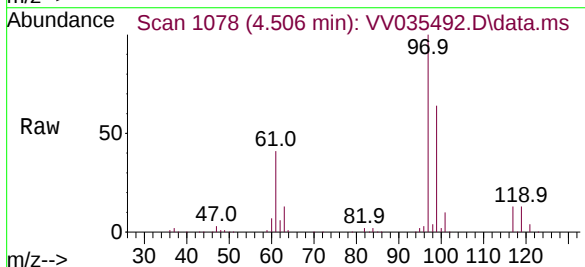
Tgt Ion: 97 Resp: 300908

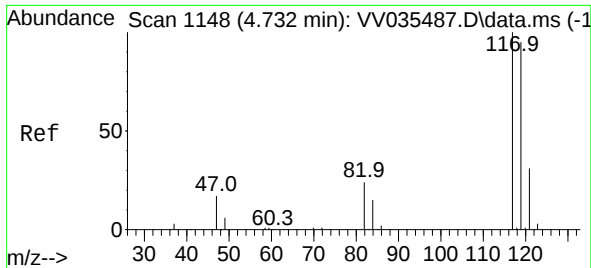
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 41.4 34.1 51.1

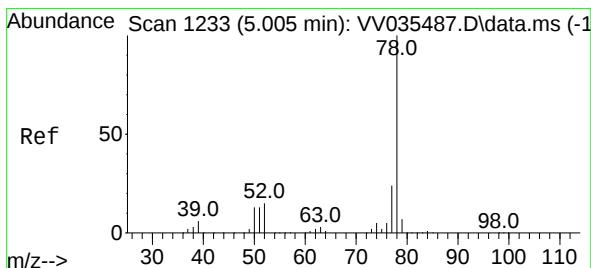
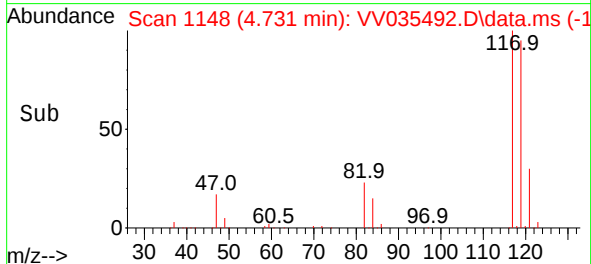
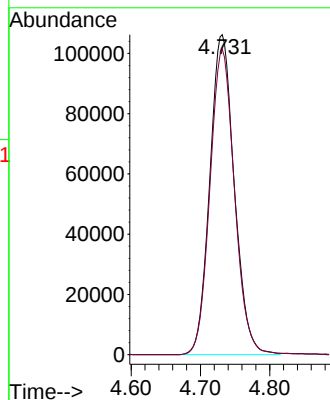
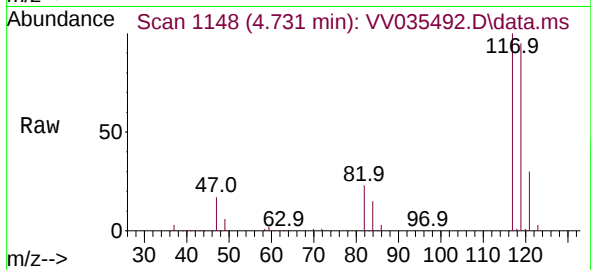




#31
Carbon tetrachloride
Concen: 49.651 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

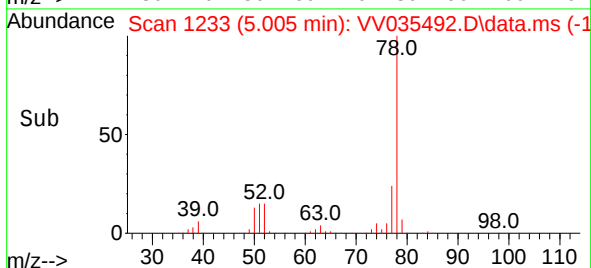
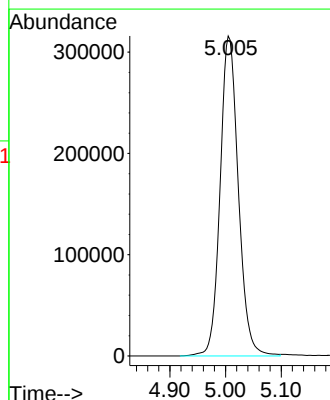
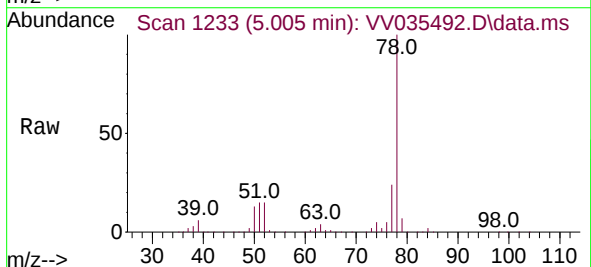
Instrument :
MSVOA_V
ClientSampleId :

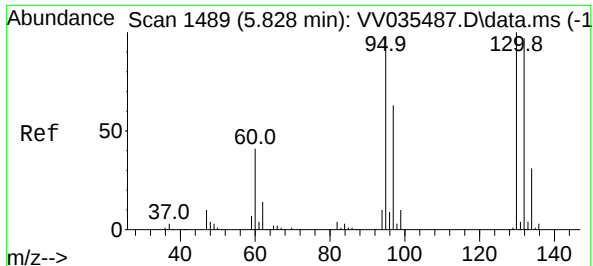
Tgt Ion:117 Resp: 260987
Ion Ratio Lower Upper
117 100
119 95.6 76.5 114.7



#33
Benzene
Concen: 50.128 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion: 78 Resp: 719070





#34

Trichloroethene

Concen: 49.726 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 189819

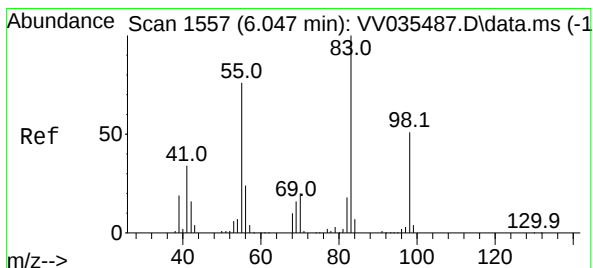
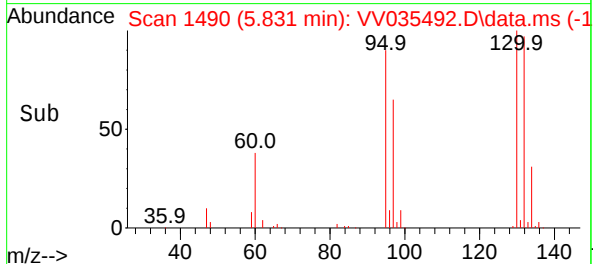
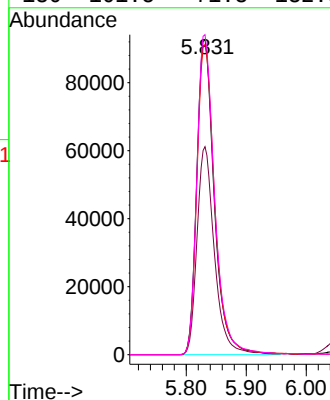
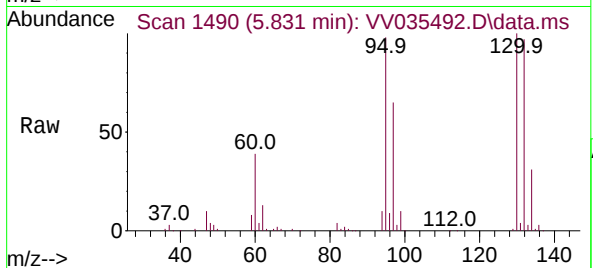
Ion Ratio Lower Upper

95 100

97 66.0 45.1 83.9

132 98.4 69.4 128.8

130 101.5 71.3 132.3



#35

Methylcyclohexane

Concen: 51.737 ug/L

RT: 6.047 min Scan# 1557

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

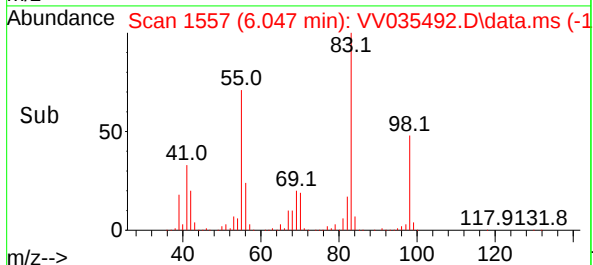
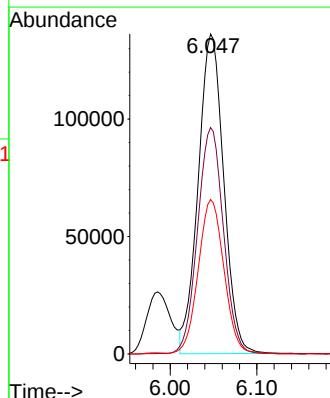
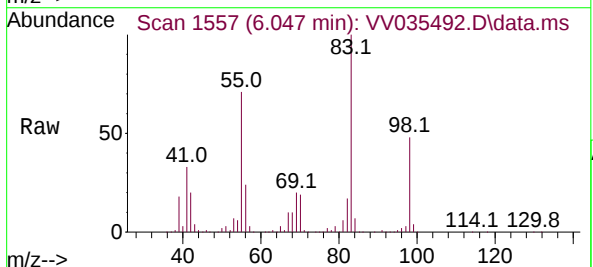
Tgt Ion: 83 Resp: 278608

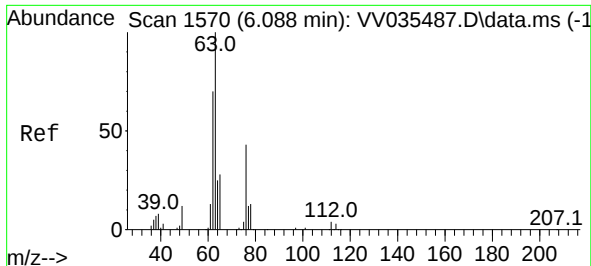
Ion Ratio Lower Upper

83 100

55 71.5 57.5 86.3

98 48.9 38.9 58.3

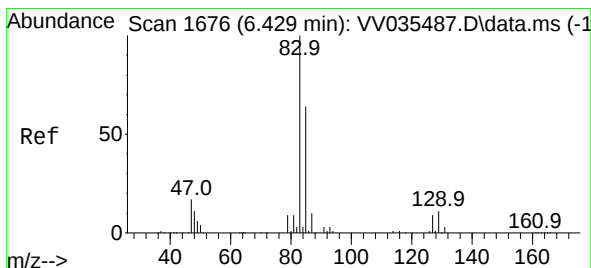
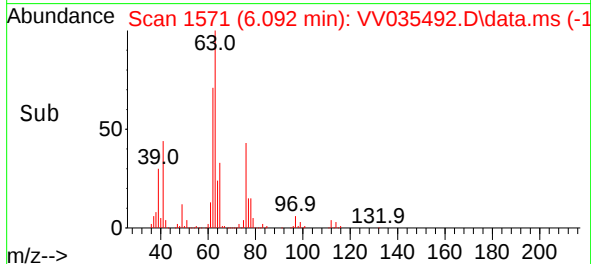
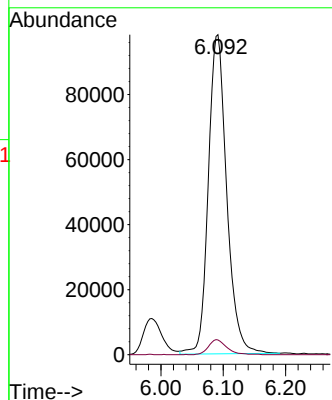
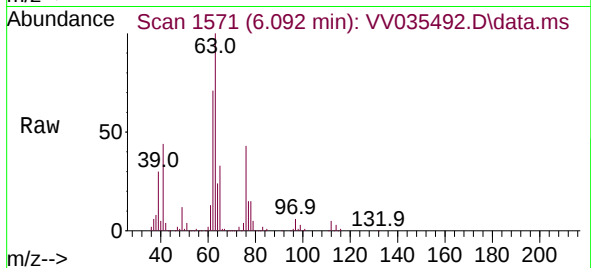




#37
1,2-Dichloropropane
Concen: 50.942 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

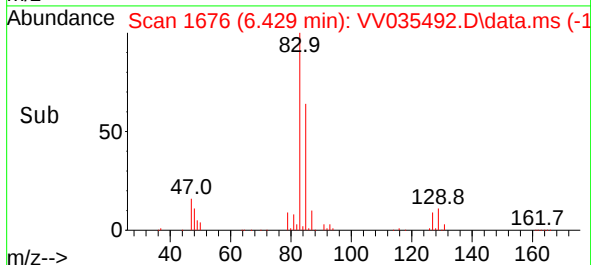
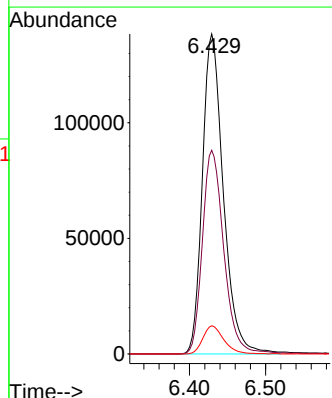
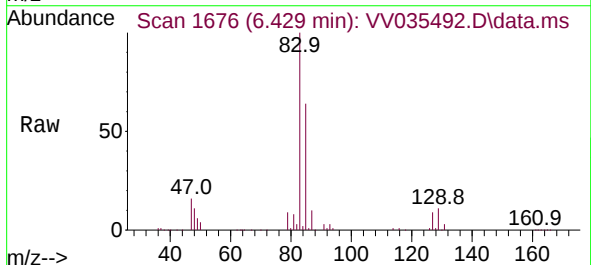
Instrument :
MSVOA_V
ClientSampleId :

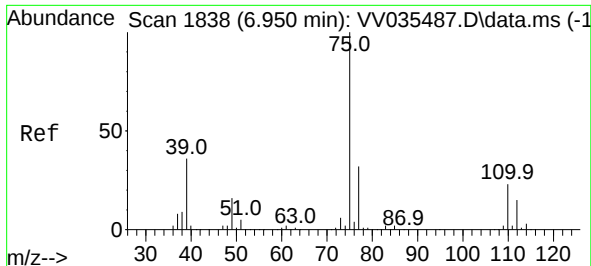
Tgt Ion: 63 Resp: 200774
Ion Ratio Lower Upper
63 100
112 4.6 3.4 5.2



#38
Bromodichloromethane
Concen: 49.004 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion: 83 Resp: 265708
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.9
127 8.8 6.9 10.3

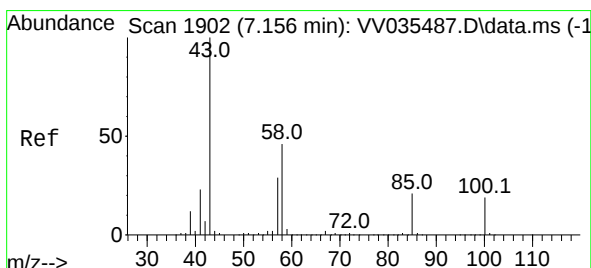
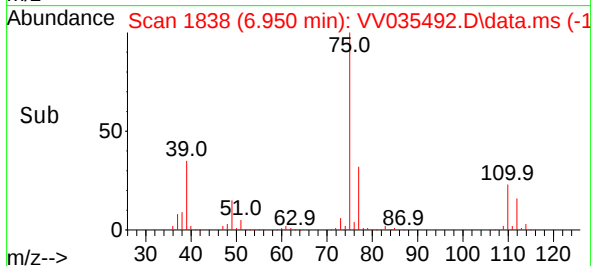
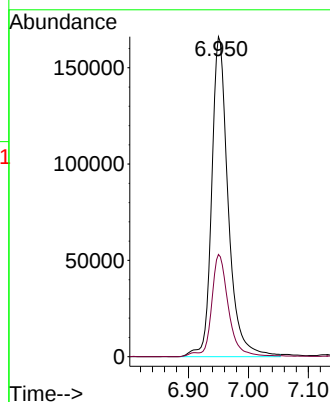
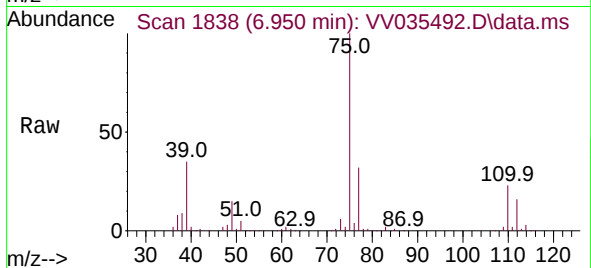




#39
 cis-1,3-Dichloropropene
 Concen: 51.383 ug/L
 RT: 6.950 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

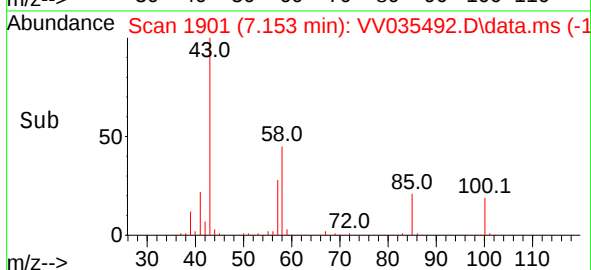
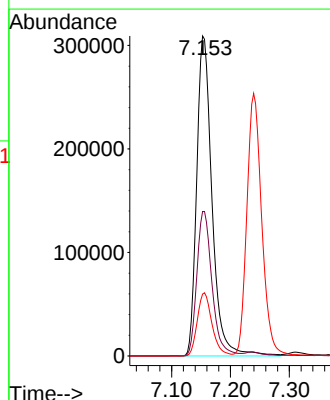
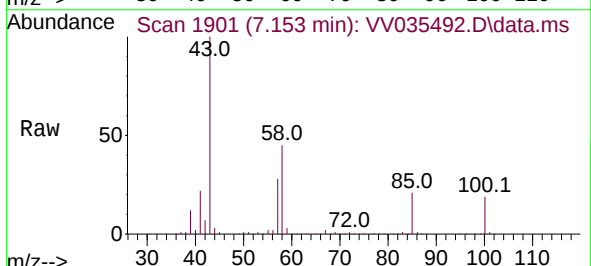
Instrument :
 MSVOA_V
 ClientSampleId :

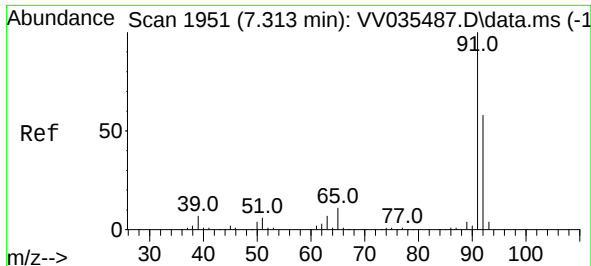
Tgt Ion: 75 Resp: 317901
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 106.351 ug/L
 RT: 7.153 min Scan# 1901
 Delta R.T. -0.003 min
 Lab File: VV035492.D
 Acq: 01 May 2024 13:03

Tgt Ion: 43 Resp: 559502
 Ion Ratio Lower Upper
 43 100
 58 44.5 36.1 54.1
 100 19.0 15.0 22.4





#42

Toluene

Concen: 51.403 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

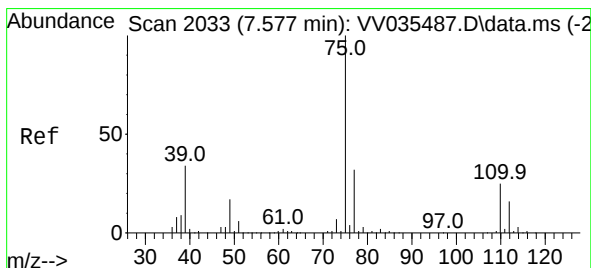
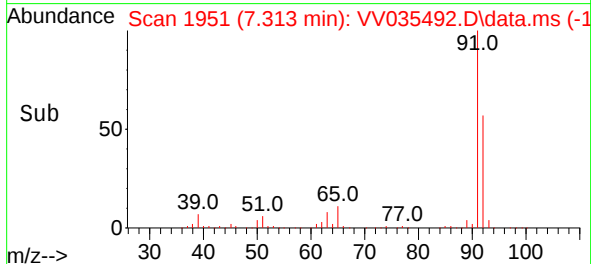
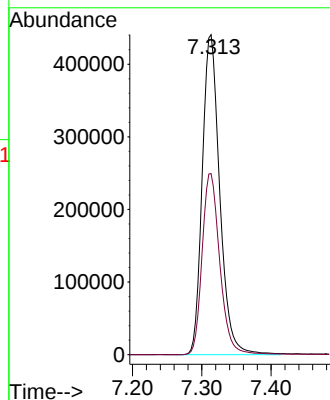
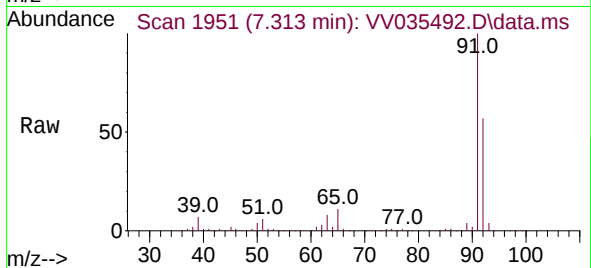
ClientSampleId :

Tgt Ion: 91 Resp: 773561

Ion Ratio Lower Upper

91 100

92 56.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 51.518 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV035492.D

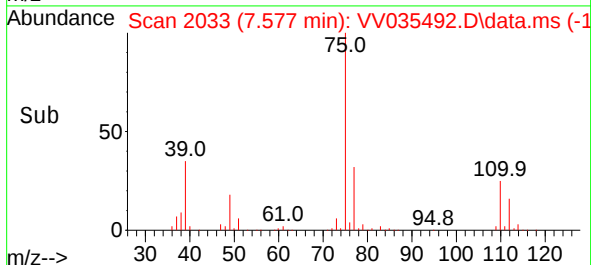
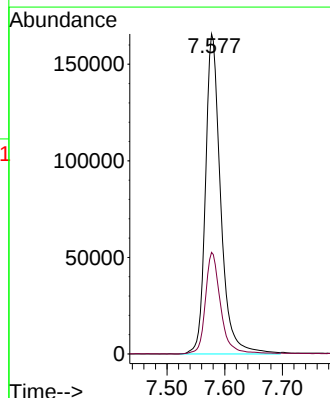
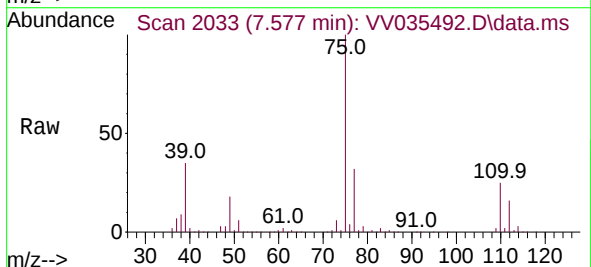
Acq: 01 May 2024 13:03

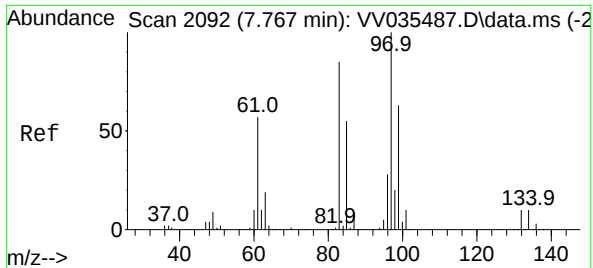
Tgt Ion: 75 Resp: 302758

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 49.813 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 209965

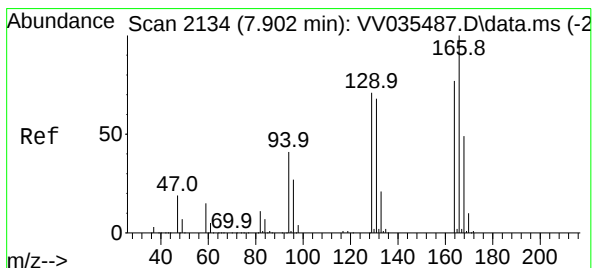
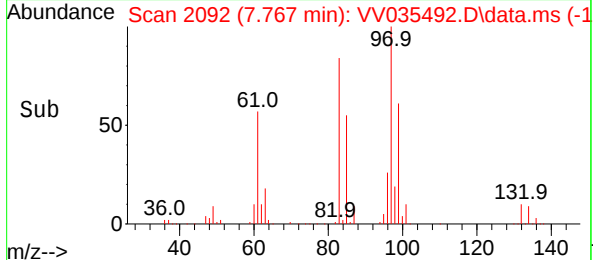
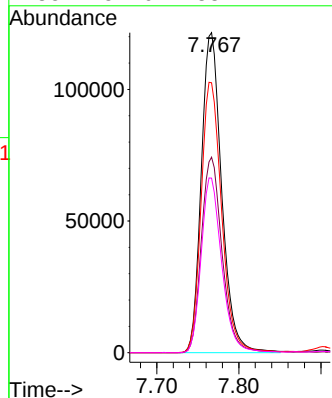
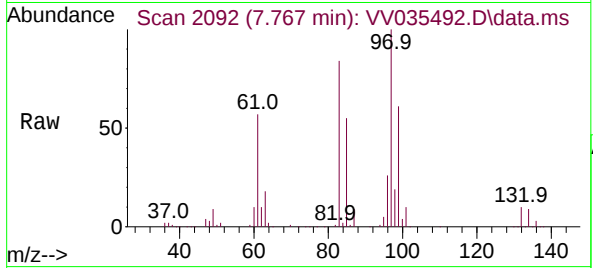
Ion Ratio Lower Upper

97 100

99 61.1 44.2 82.2

83 84.4 59.3 110.1

85 54.6 38.4 71.2



#46

Tetrachloroethene

Concen: 49.722 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Tgt Ion: 164 Resp: 153303

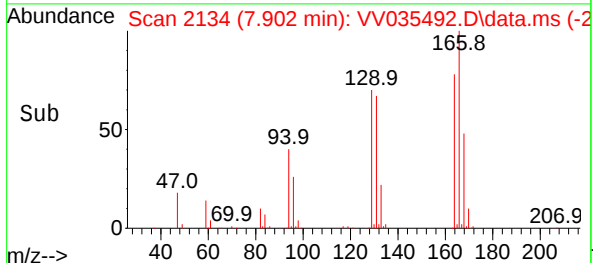
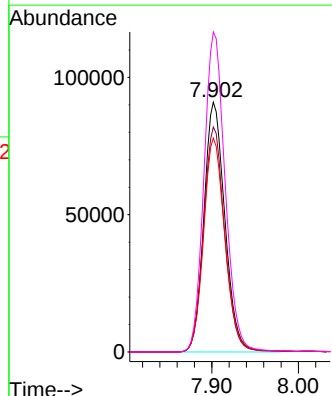
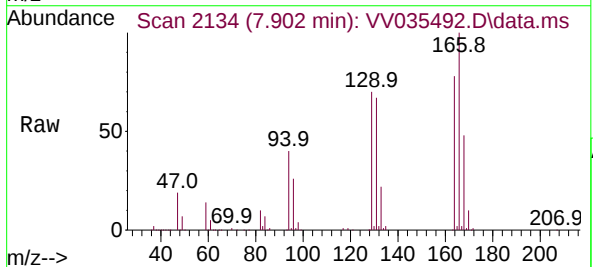
Ion Ratio Lower Upper

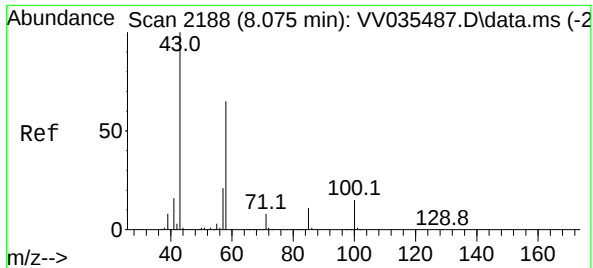
164 100

129 90.0 64.7 120.1

131 85.7 61.5 114.1

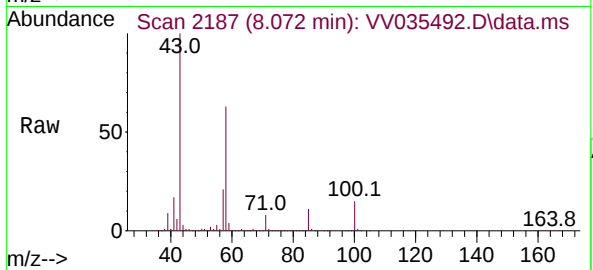
166 128.1 90.6 168.3



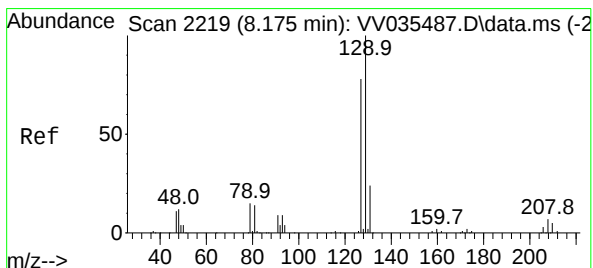
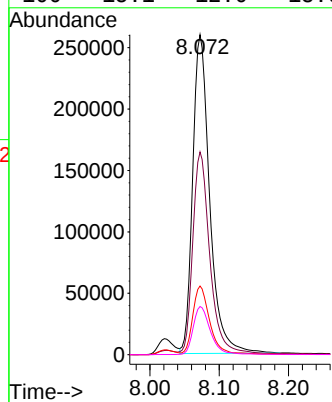
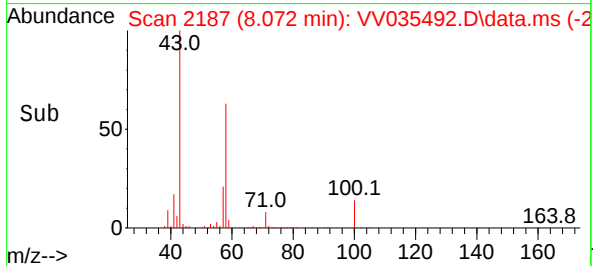


#48
2-Hexanone
Concen: 103.872 ug/L
RT: 8.072 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Instrument :
MSVOA_V
ClientSampleId :

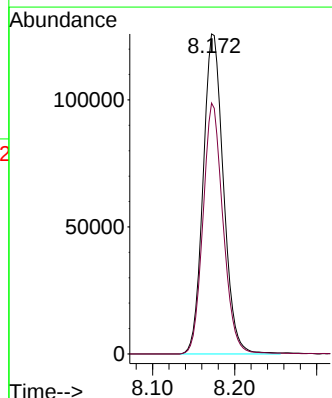
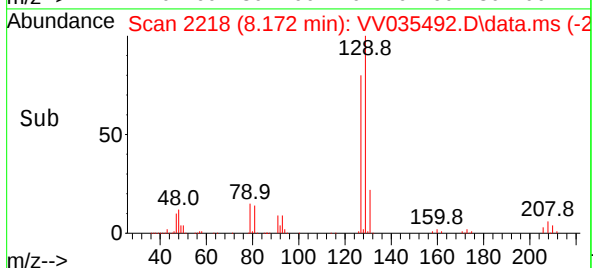
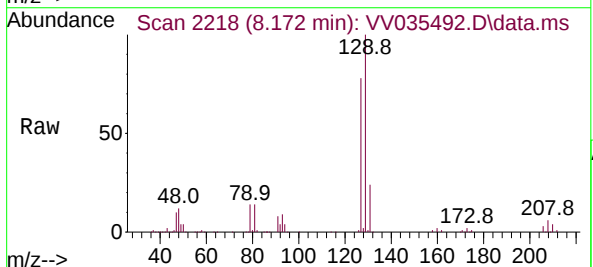


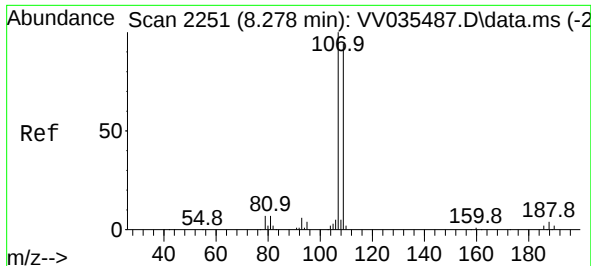
Tgt Ion: 43 Resp: 444627
Ion Ratio Lower Upper
43 100
58 63.0 50.8 76.2
57 21.8 17.6 26.4
100 15.1 12.0 18.0



#49
Dibromochloromethane
Concen: 49.140 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. -0.003 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

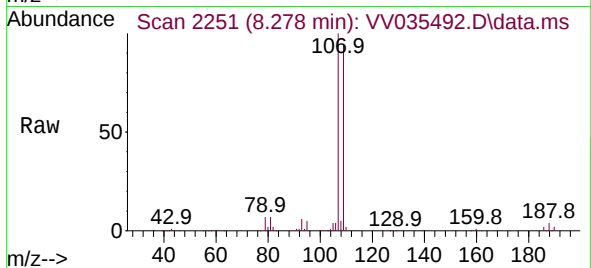
Tgt Ion: 129 Resp: 216814
Ion Ratio Lower Upper
129 100
127 78.4 54.3 100.8



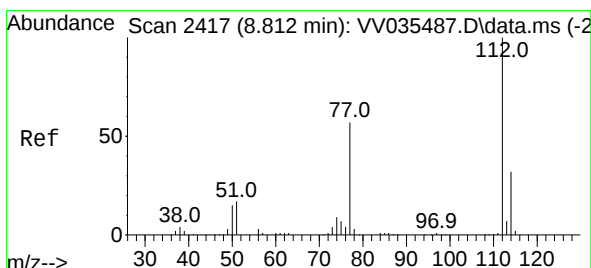
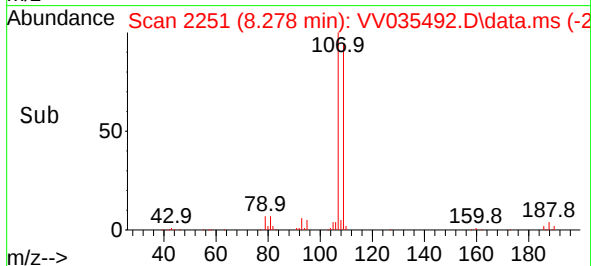
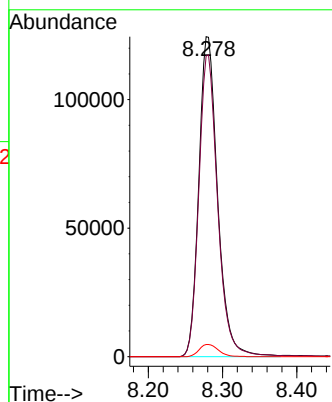


#50
1,2-Dibromoethane
Concen: 49.820 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Instrument :
MSVOA_V
ClientSampleId :

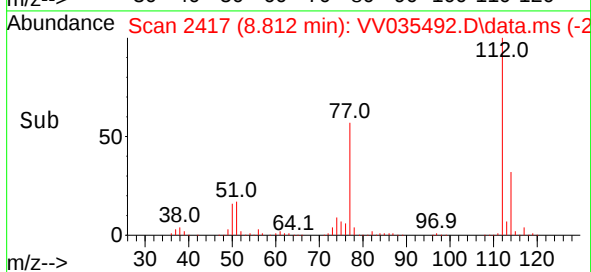
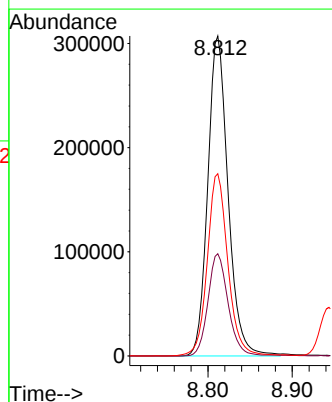
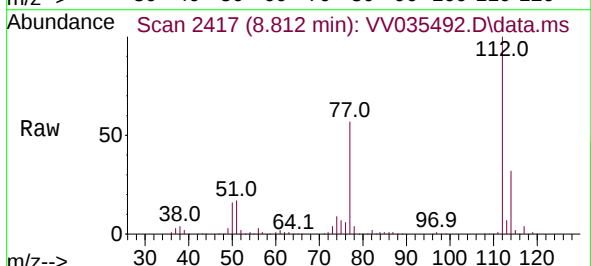


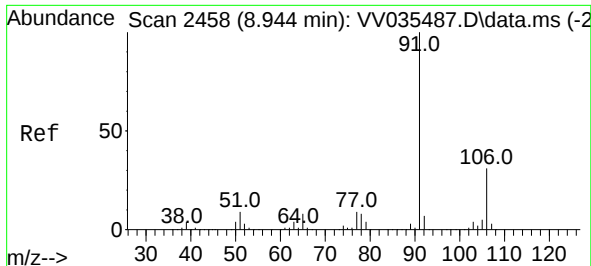
Tgt Ion:107 Resp: 219394
Ion Ratio Lower Upper
107 100
109 94.0 65.7 122.1
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 49.284 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion:112 Resp: 514855
Ion Ratio Lower Upper
112 100
114 31.9 22.4 41.6
77 56.9 45.9 68.9





#52

Ethylbenzene

Concen: 51.697 ug/L

RT: 8.944 min Scan# 2458

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

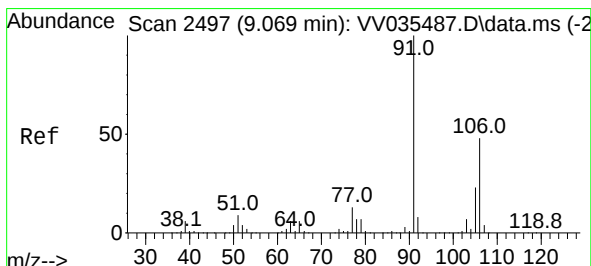
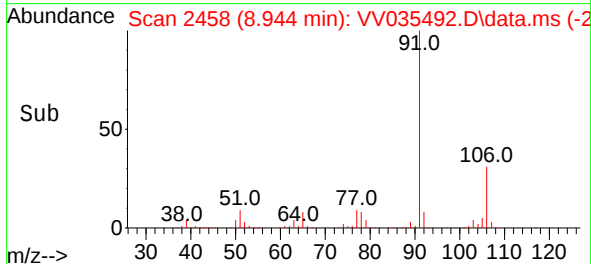
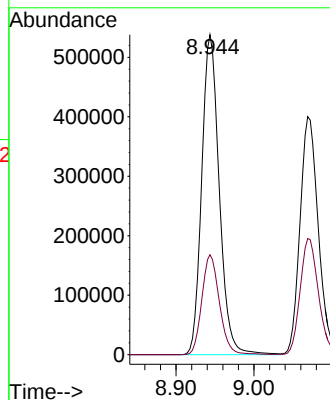
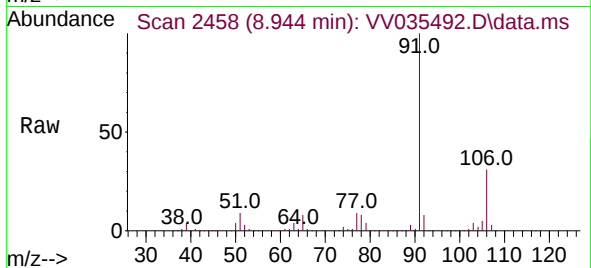
ClientSampleId :

Tgt Ion: 91 Resp: 840488

Ion Ratio Lower Upper

91 100

106 31.2 21.6 40.0



#53

m,p-Xylene

Concen: 53.156 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. -0.000 min

Lab File: VV035492.D

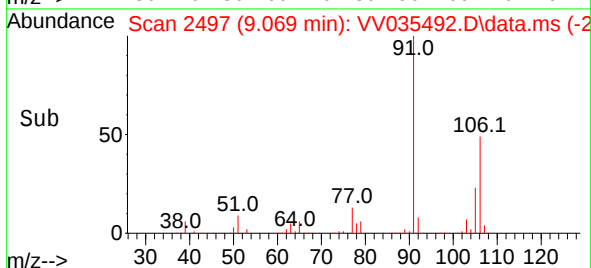
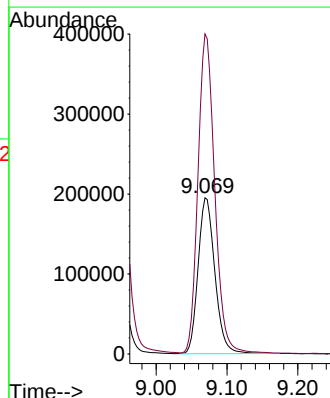
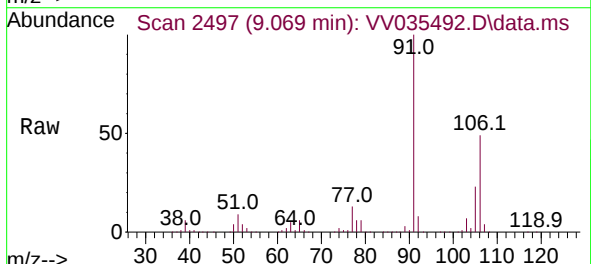
Acq: 01 May 2024 13:03

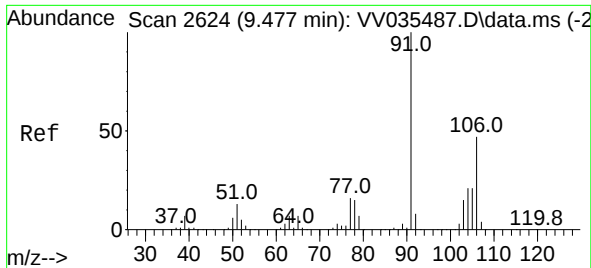
Tgt Ion: 106 Resp: 320597

Ion Ratio Lower Upper

106 100

91 204.9 144.8 268.8

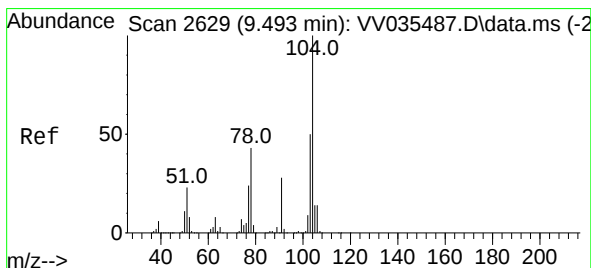
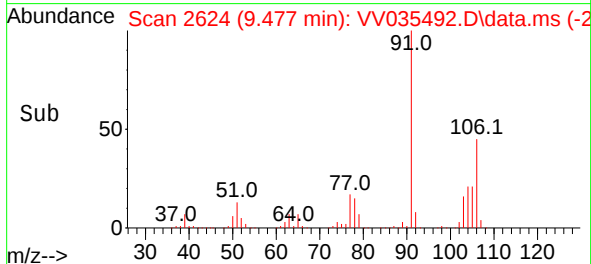
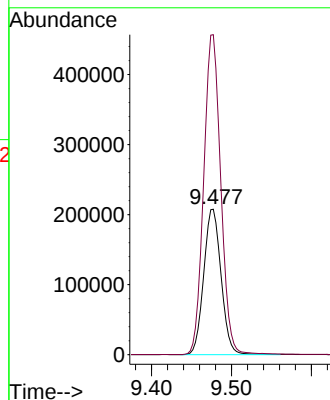
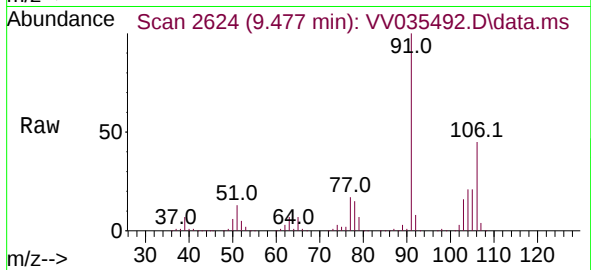




#54
o-Xylene
Concen: 51.836 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

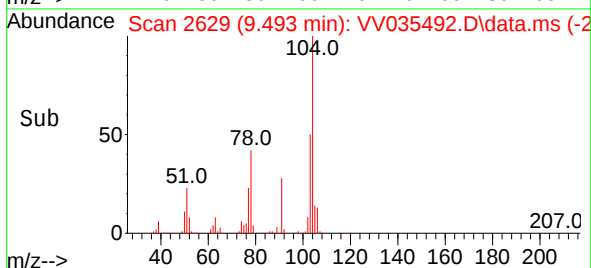
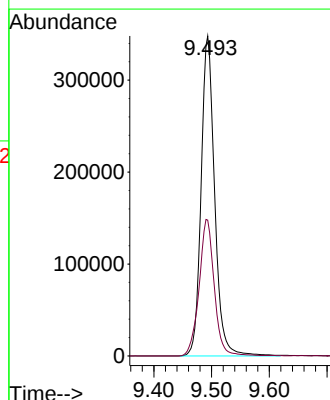
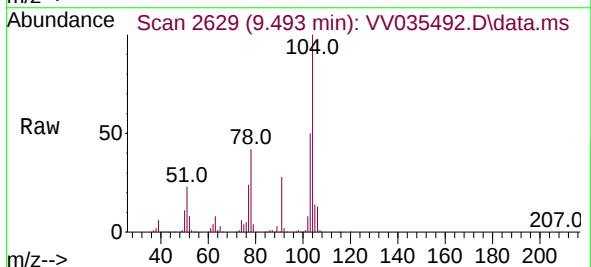
Instrument :
MSVOA_V
ClientSampleId :

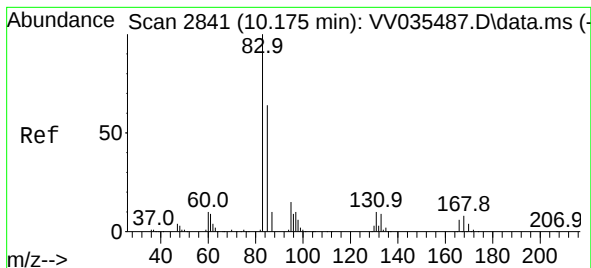
Tgt Ion:106 Resp: 315028
Ion Ratio Lower Upper
106 100
91 220.0 149.9 278.3



#55
Styrene
Concen: 54.084 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion:104 Resp: 568089
Ion Ratio Lower Upper
104 100
78 42.5 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.425 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. -0.000 min

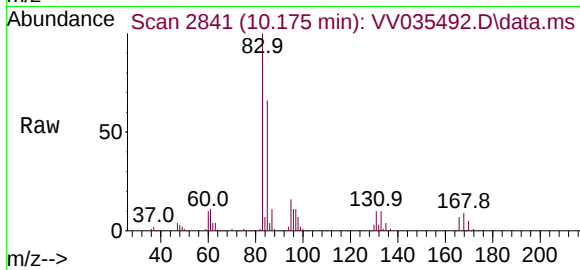
Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :



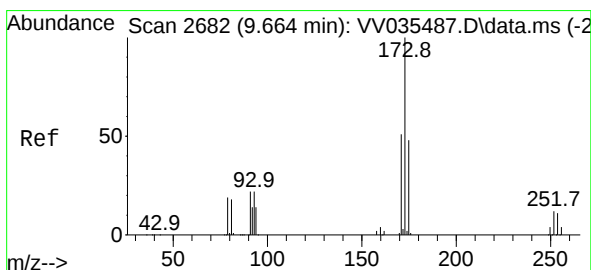
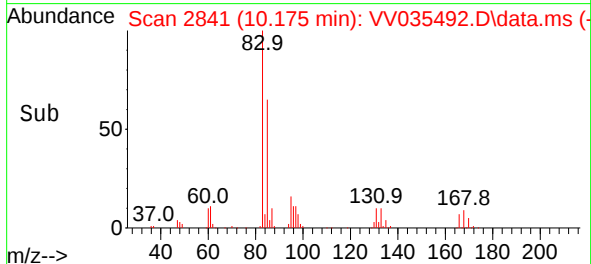
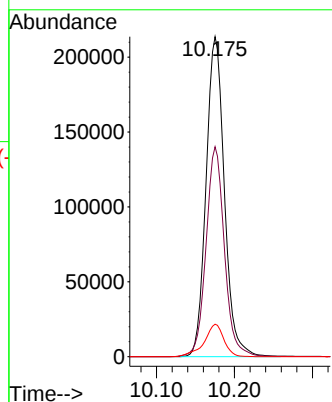
Tgt Ion: 83 Resp: 349242

Ion Ratio Lower Upper

83 100

85 65.6 44.9 83.5

131 10.1 8.1 12.1



#59

Bromoform

Concen: 48.599 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

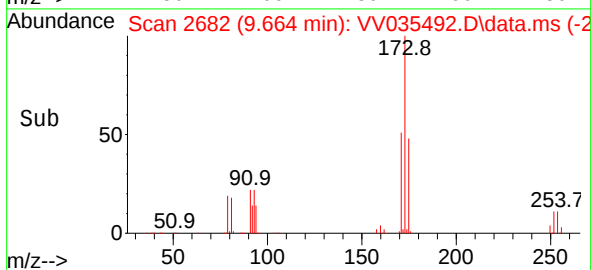
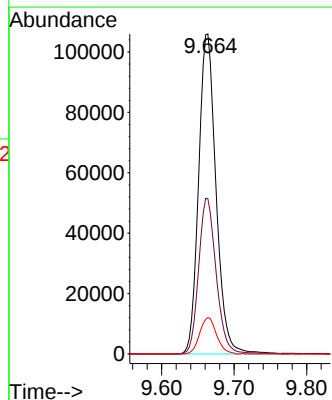
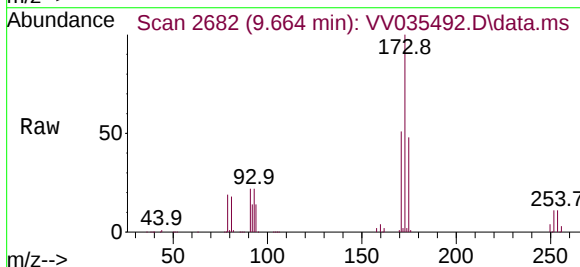
Tgt Ion: 173 Resp: 177014

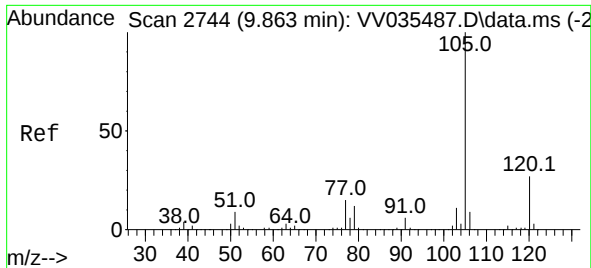
Ion Ratio Lower Upper

173 100

175 48.6 39.0 58.6

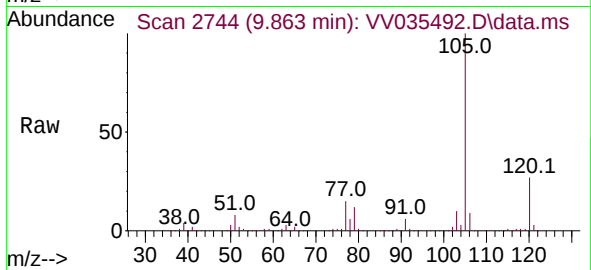
254 11.0 8.5 12.7



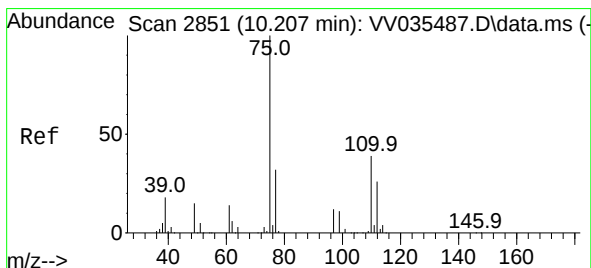
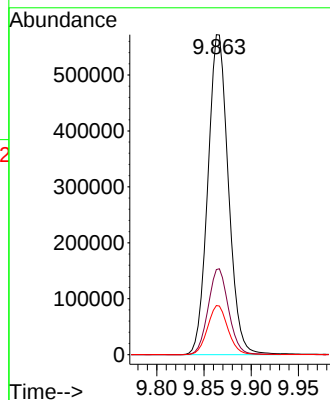
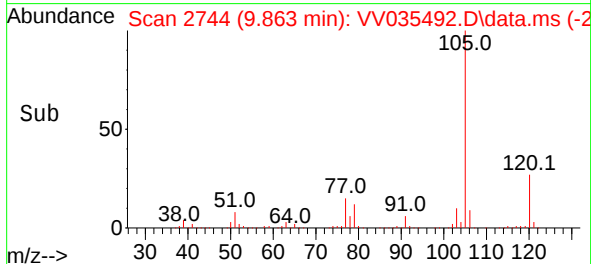


#60
Isopropylbenzene
Concen: 53.098 ug/L
RT: 9.863 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

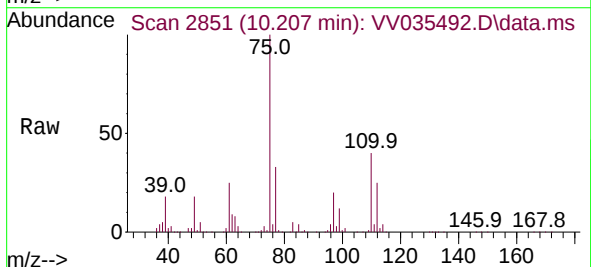
Instrument :
MSVOA_V
ClientSampleId :



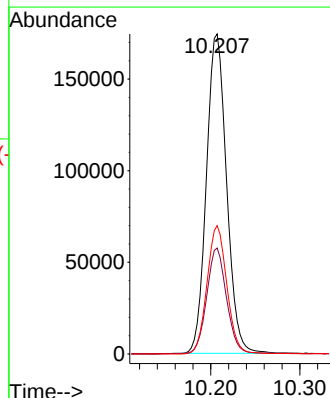
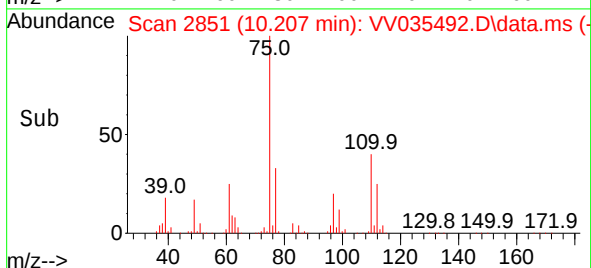
Tgt Ion:105 Resp: 863464
Ion Ratio Lower Upper
105 100
120 26.8 21.5 32.3
77 15.2 12.3 18.5

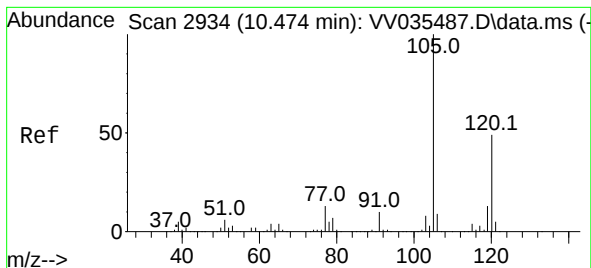


#61
1,2,3-Trichloropropane
Concen: 48.489 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03



Tgt Ion: 75 Resp: 273934
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6
110 39.5 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 53.912 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

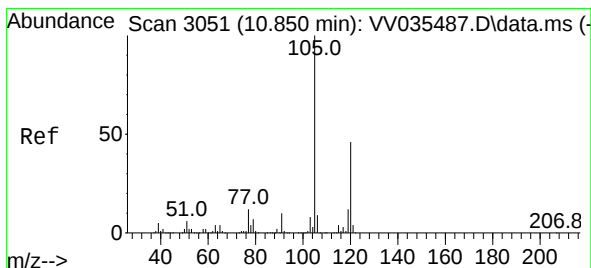
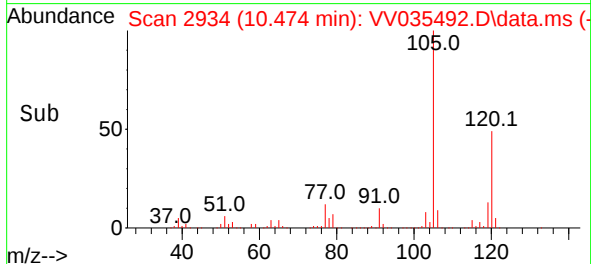
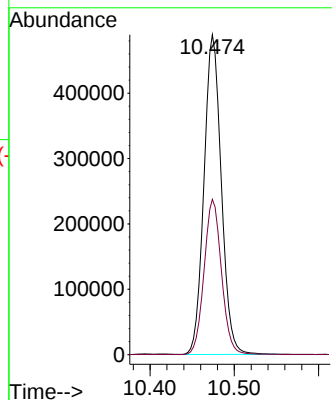
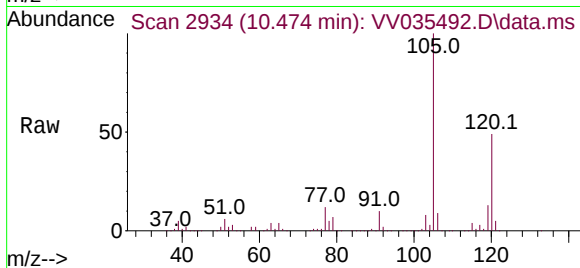
ClientSampleId :

Tgt Ion:105 Resp: 701649

Ion Ratio Lower Upper

105 100

120 48.7 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 54.132 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV035492.D

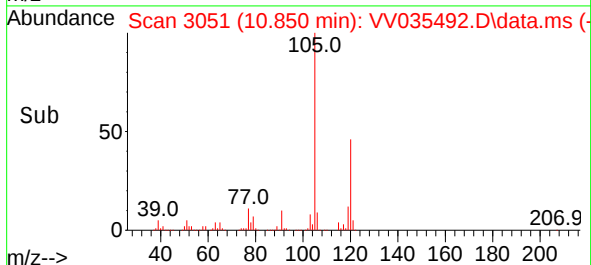
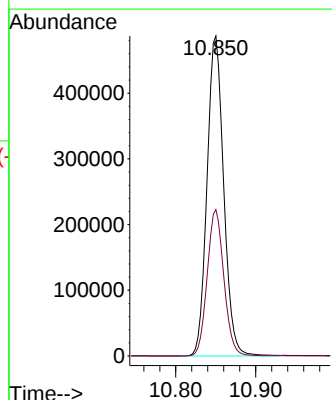
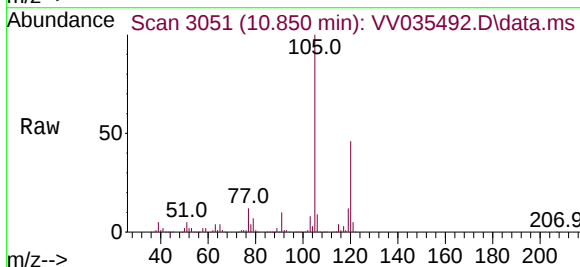
Acq: 01 May 2024 13:03

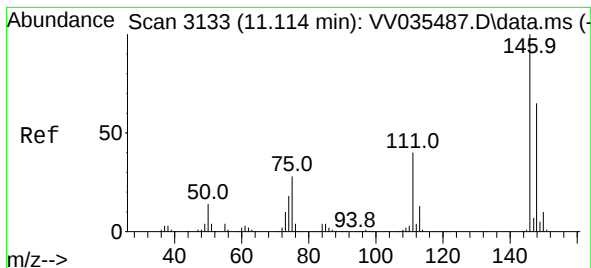
Tgt Ion:105 Resp: 706433

Ion Ratio Lower Upper

105 100

120 45.9 36.6 55.0





#64

1,3-Dichlorobenzene

Concen: 50.123 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

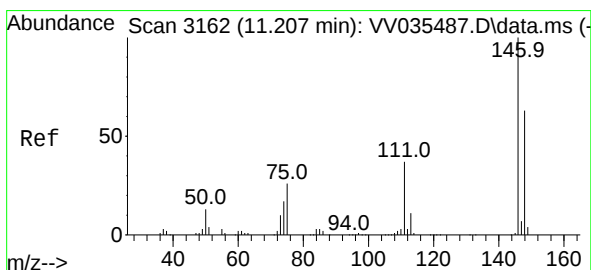
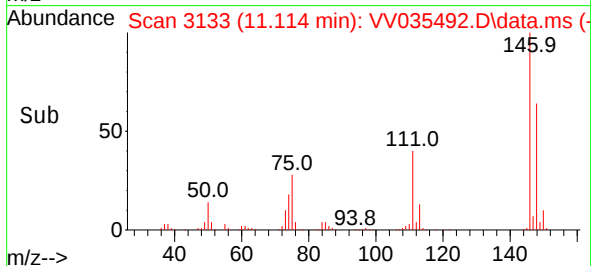
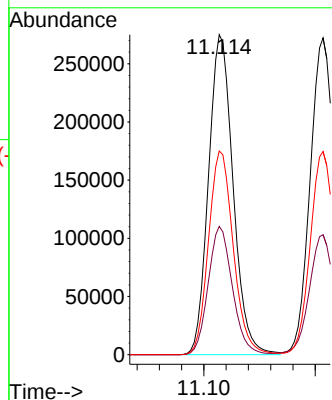
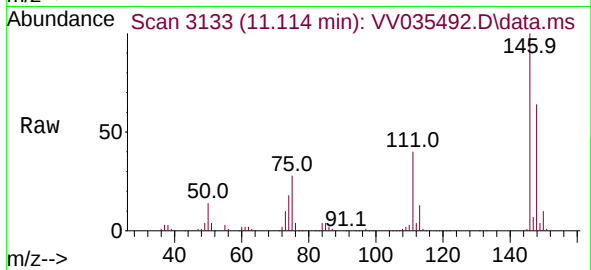
Tgt Ion:146 Resp: 422061

Ion Ratio Lower Upper

146 100

111 40.1 27.9 51.7

148 63.6 45.1 83.9



#65

1,4-Dichlorobenzene

Concen: 48.603 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

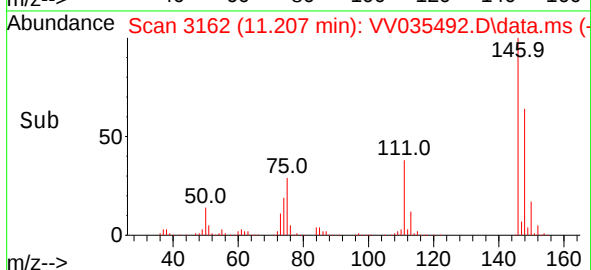
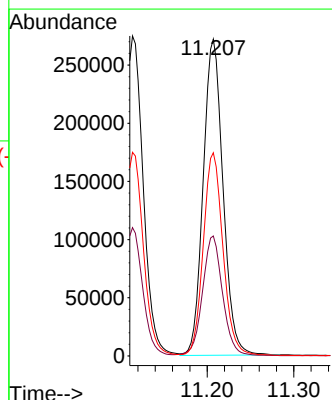
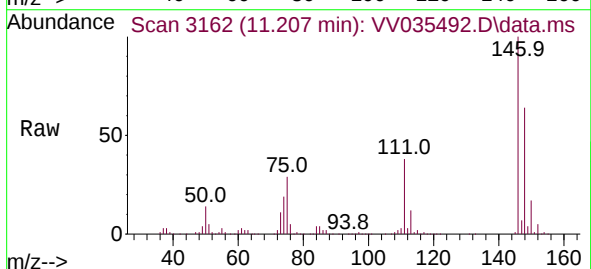
Tgt Ion:146 Resp: 431851

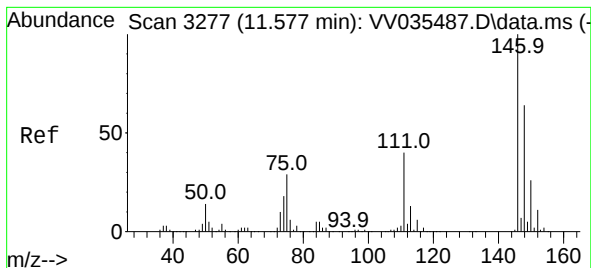
Ion Ratio Lower Upper

146 100

111 37.9 26.4 49.0

148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 49.199 ug/L

RT: 11.577 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :

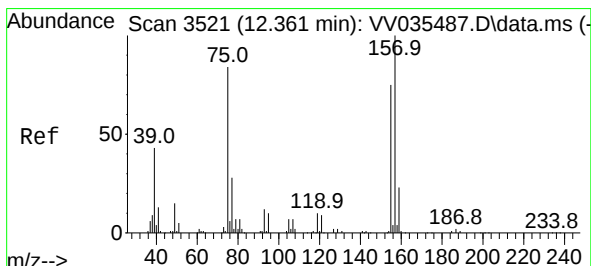
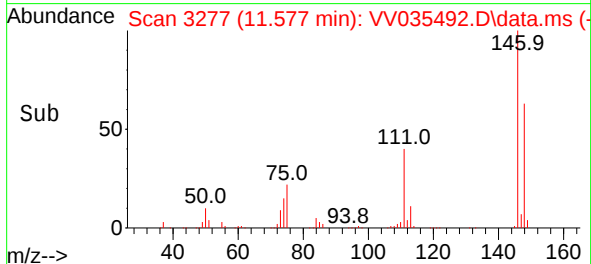
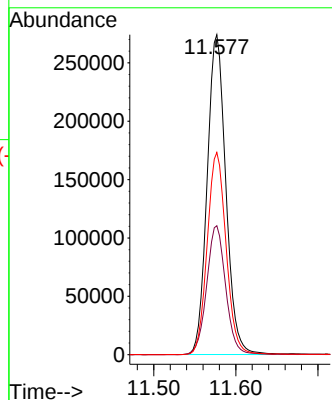
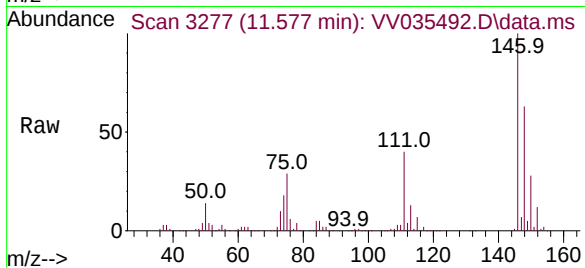
Tgt Ion:146 Resp: 433434

Ion Ratio Lower Upper

146 100

111 40.3 32.1 48.1

148 63.2 51.5 77.3



#68

1,2-Dibromo-3-chloropropane

Concen: 49.717 ug/L

RT: 12.361 min Scan# 3521

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

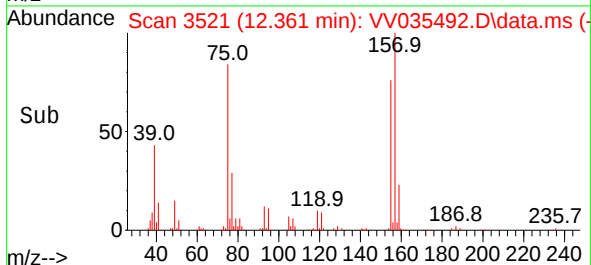
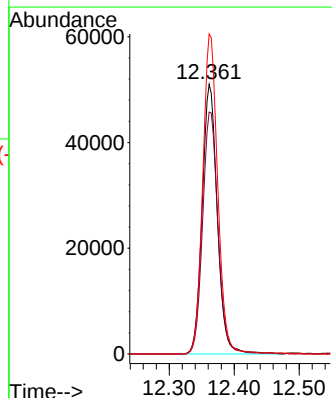
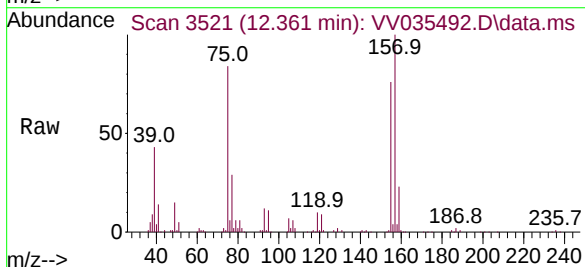
Tgt Ion: 75 Resp: 82719

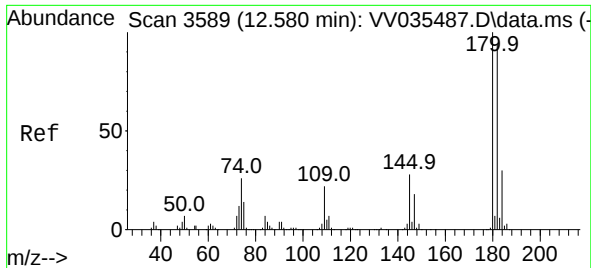
Ion Ratio Lower Upper

75 100

155 89.7 71.4 107.2

157 118.6 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 50.247 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. -0.000 min

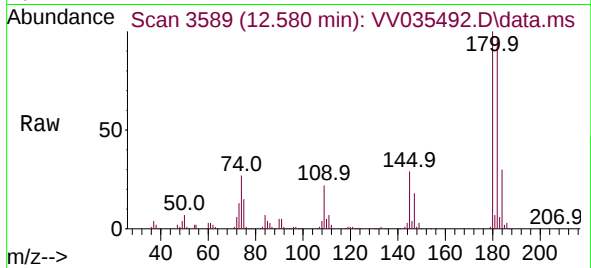
Lab File: VV035492.D

Acq: 01 May 2024 13:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 321152

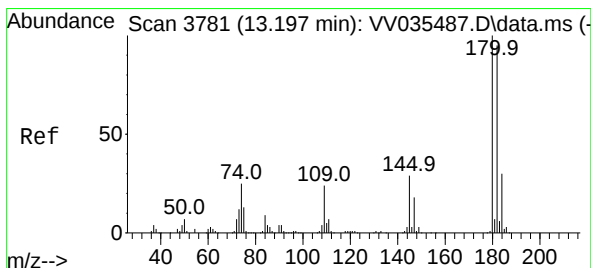
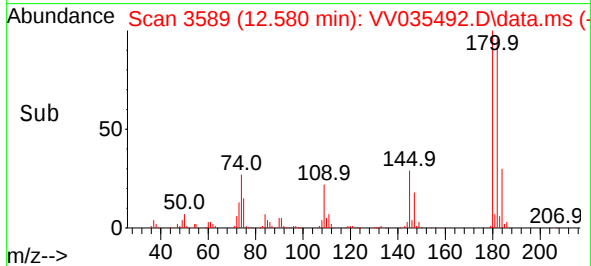
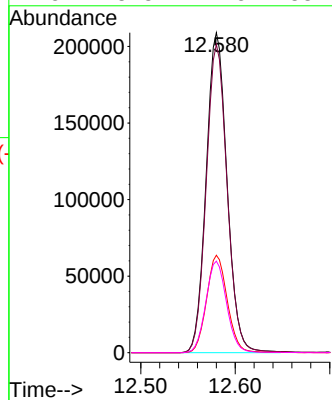
Ion Ratio Lower Upper

180 100

182 96.4 75.7 113.5

184 30.2 24.1 36.1

145 28.3 22.5 33.7



#70

1,2,4-trichlorobenzene

Concen: 51.608 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV035492.D

Acq: 01 May 2024 13:03

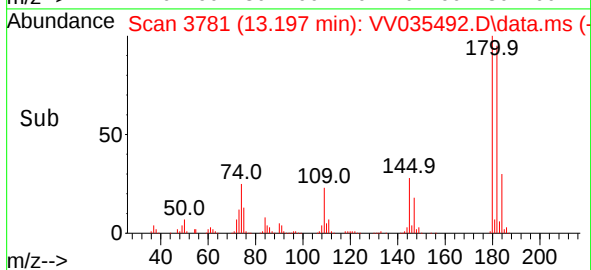
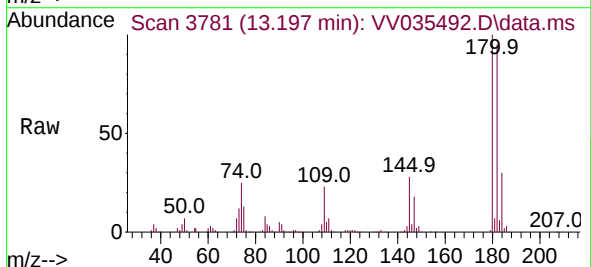
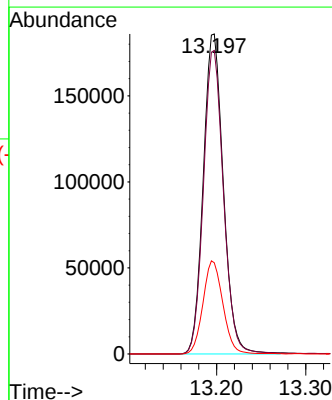
Tgt Ion:180 Resp: 290579

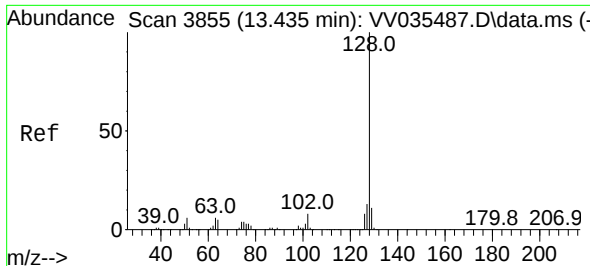
Ion Ratio Lower Upper

180 100

182 94.9 75.7 113.5

145 28.8 23.0 34.4

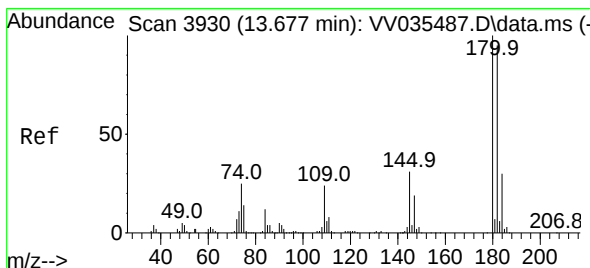
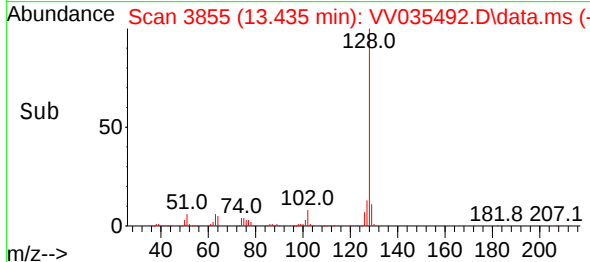
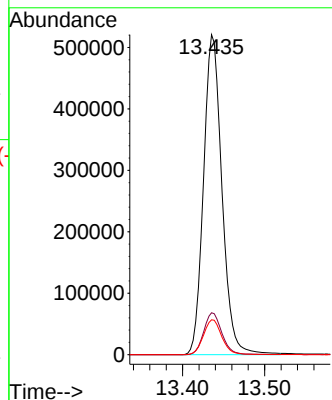
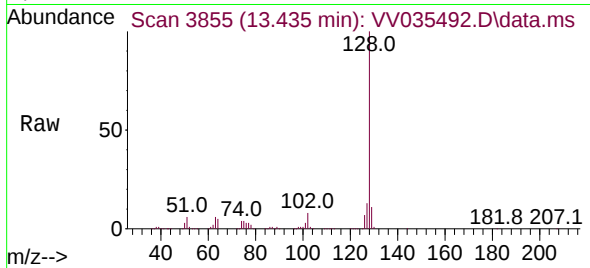




#71
Naphthalene
Concen: 51.499 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 812691
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.195 ug/L
RT: 13.676 min Scan# 3930
Delta R.T. -0.000 min
Lab File: VV035492.D
Acq: 01 May 2024 13:03

Tgt Ion:180 Resp: 305052
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.2
145 30.5 24.9 37.3

