

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071224\
 Data File : VV036498.D
 Acq On : 12 Jul 2024 10:12
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 13 04:00:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 12 01:31:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	300033	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	311550	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	177315	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	106073	24.677	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.720%
7) Chloroethane-d5	1.526	69	91599	24.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.480%
11) 1,1-Dichloroethene-d2	2.050	65	53439	24.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.840%
21) 2-Butanone-d5	3.854	46	13443	18.272	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	36.540%
24) Chloroform-d	4.240	84	214559	24.568	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.280%
26) 1,2-Dichloroethane-d4	4.934	65	104342	24.089	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.360%
32) Benzene-d6	4.950	84	394137	25.358	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.440%
36) 1,2-Dichloropropane-d6	5.982	67	114483	24.715	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.840%
41) Toluene-d8	7.236	98	381457	26.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.400%
43) trans-1,3-Dichloroprop...	7.548	79	47298	24.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.240%
47) 2-Hexanone-d5	8.031	63	22375	43.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	86792	22.247	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.554	152	142338	23.654	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.102	85	96813	22.264	ug/L	99
3) Chloromethane	1.211	50	75816	21.727	ug/L	98
5) Vinyl chloride	1.275	62	98034	22.832	ug/L	100
6) Bromomethane	1.481	94	76838	22.178	ug/L	98
8) Chloroethane	1.542	64	69696	23.462	ug/L	100
9) Trichlorofluoromethane	1.706	101	182513	23.949	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	127019	24.718	ug/L	99
12) 1,1-Dichloroethene	2.060	96	103205	23.285	ug/L	98
13) Acetone	2.166	43	43888	42.194	ug/L	98
14) Carbon disulfide	2.230	76	203540	20.453	ug/L	100
15) Methyl Acetate	2.388	43	30327	21.580	ug/L	97
16) Methylene chloride	2.439	84	128729	20.869	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	95058	23.600	ug/L	98
18) Methyl tert-butyl Ether	2.700	73	215706	23.899	ug/L	100
19) 1,1-Dichloroethane	3.101	63	180007	24.690	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	101383	24.217	ug/L	99
22) 2-Butanone	3.928	43	22482	25.745	ug/L #	37
23) Bromochloromethane	4.140	128	59519	25.032	ug/L	99
25) Chloroform	4.265	83	216312	24.987	ug/L	99

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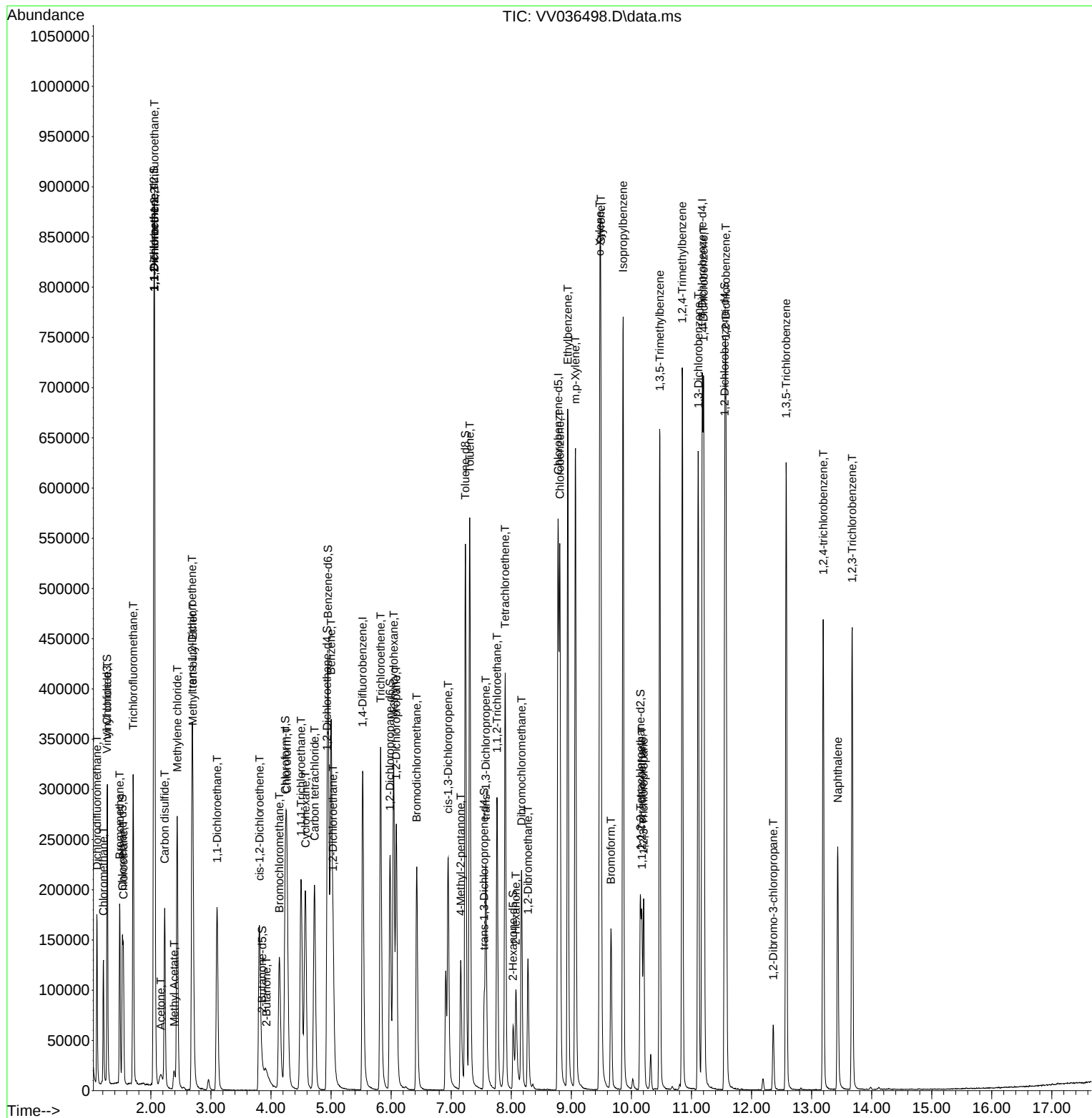
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	123348	25.365	ug/L	99
29) Cyclohexane	4.574	56	90852	22.923	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	180920	24.981	ug/L	100
31) Carbon tetrachloride	4.725	117	161489	25.142	ug/L	99
33) Benzene	5.002	78	395700	25.665	ug/L	100
34) Trichloroethene	5.825	95	119680	24.394	ug/L	99
35) Methylcyclohexane	6.043	83	136539	24.385	ug/L	98
37) 1,2-Dichloropropane	6.085	63	101731	26.145	ug/L	100
38) Bromodichloromethane	6.426	83	154919	25.128	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	149978	24.996	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	84989	48.065	ug/L	99
42) Toluene	7.310	91	439009	26.872	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	135715	25.369	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	95891	25.010	ug/L	98
46) Tetrachloroethene	7.899	164	97726	24.635	ug/L	98
48) 2-Hexanone	8.079	43	62876	47.937	ug/L	97
49) Dibromochloromethane	8.172	129	115966	25.012	ug/L	99
50) 1,2-Dibromoethane	8.278	107	89623	24.906	ug/L	96
51) Chlorobenzene	8.809	112	307562	25.138	ug/L	100
52) Ethylbenzene	8.940	91	460902	26.301	ug/L	100
53) m,p-Xylene	9.069	106	184760	27.384	ug/L	99
54) o-Xylene	9.474	106	174951	27.235	ug/L	96
55) Styrene	9.490	104	332855	28.961	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	83574	23.870	ug/L	99
59) Bromoform	9.661	173	76111	24.219	ug/L	98
60) Isopropylbenzene	9.863	105	484076	27.327	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	75645	23.978	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	338273	26.666	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	381950	27.671	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	271195	25.897	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	283746	25.234	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	255189	25.359	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	15944	23.359	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	201957	24.907	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	153816	23.852	ug/L	99
71) Naphthalene	13.435	128	200615	20.713	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	146976	24.090	ug/L	99

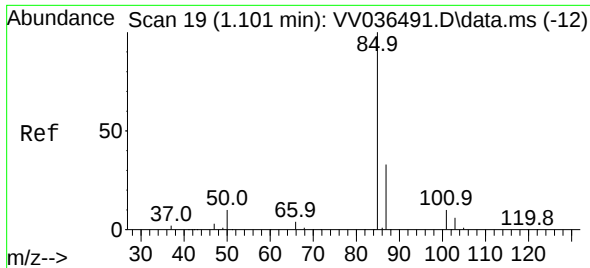
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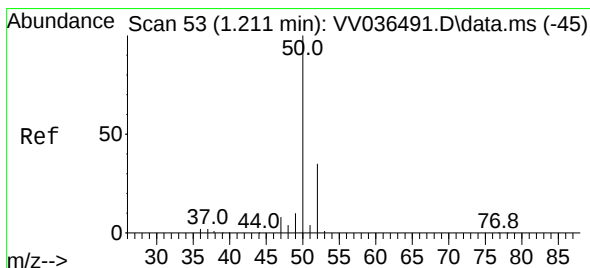
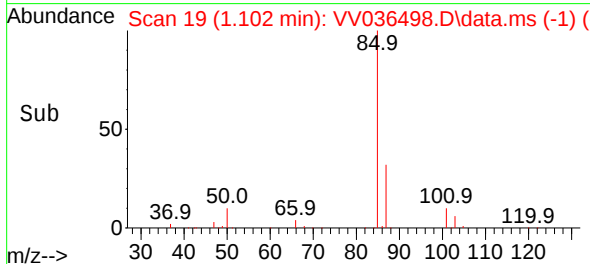
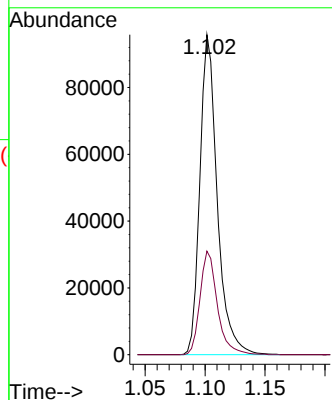
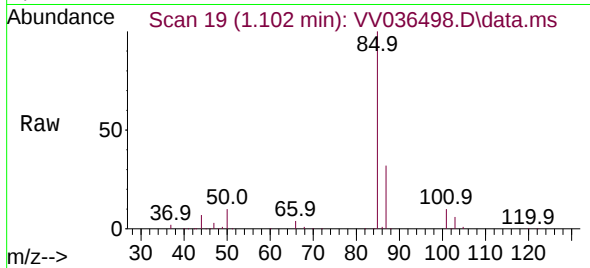




#2
 Dichlorodifluoromethane
 Concen: 22.264 ug/L
 RT: 1.102 min Scan# 19
 Delta R.T. 0.000 min
 Lab File: VV036498.D
 Acq: 12 Jul 2024 10:12

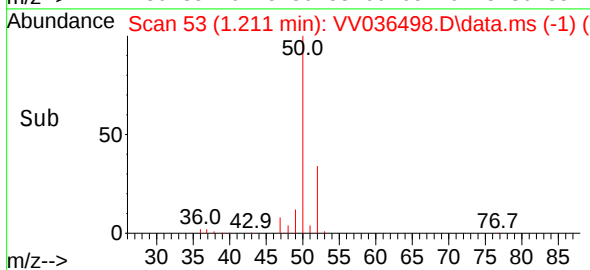
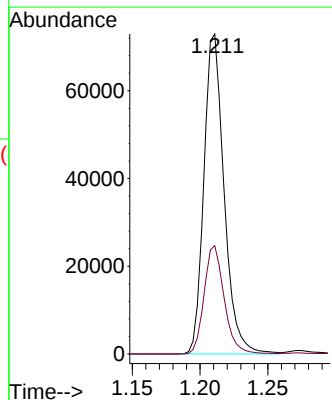
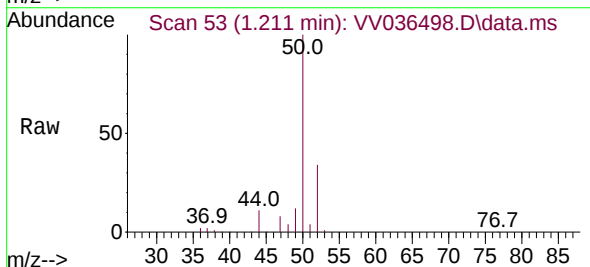
Instrument :
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 ClientSampleId :

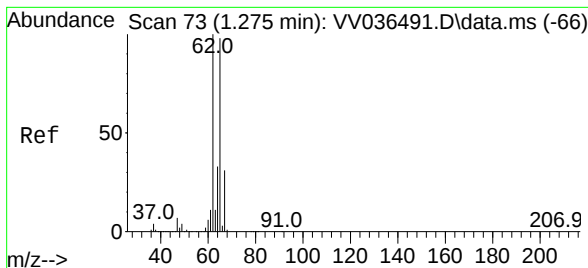
Tgt Ion: 85 Resp: 96813
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.2



#3
 Chloromethane
 Concen: 21.727 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. 0.000 min
 Lab File: VV036498.D
 Acq: 12 Jul 2024 10:12

Tgt Ion: 50 Resp: 75816
 Ion Ratio Lower Upper
 50 100
 52 33.9 24.4 45.4





#5

Vinyl chloride

Concen: 22.832 ug/L

RT: 1.275 min Scan# 73

Delta R.T. 0.000 min

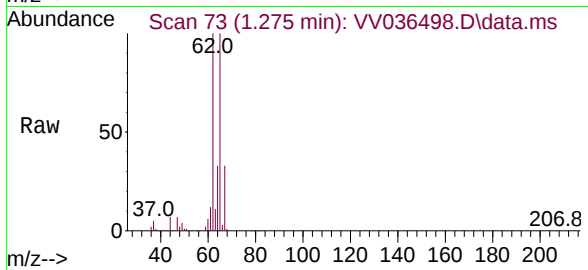
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Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

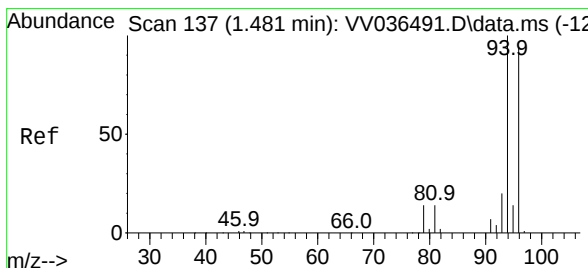
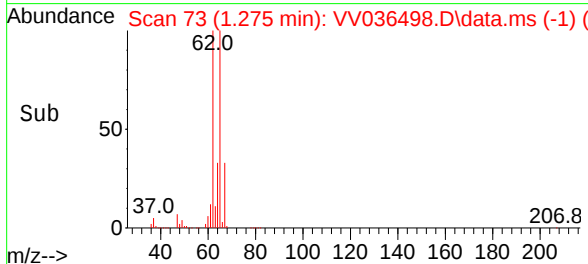
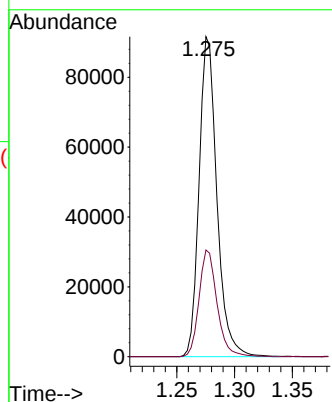


Tgt Ion: 62 Resp: 98034

Ion Ratio Lower Upper

62 100

64 33.3 23.4 43.4



#6

Bromomethane

Concen: 22.178 ug/L

RT: 1.481 min Scan# 137

Delta R.T. 0.000 min

Lab File: VV036498.D

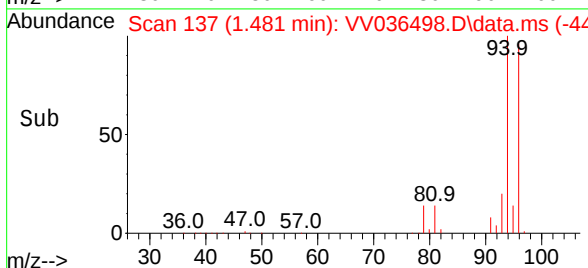
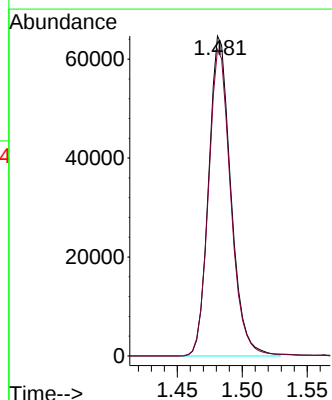
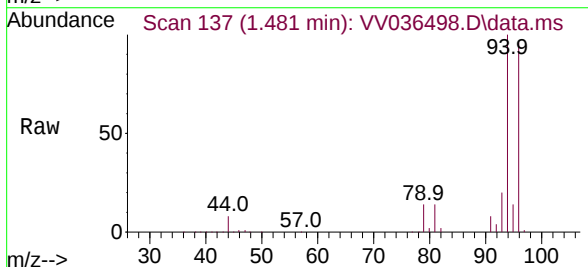
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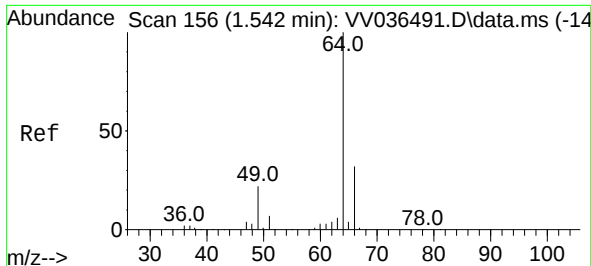
Tgt Ion: 94 Resp: 76838

Ion Ratio Lower Upper

94 100

96 95.8 65.6 121.8

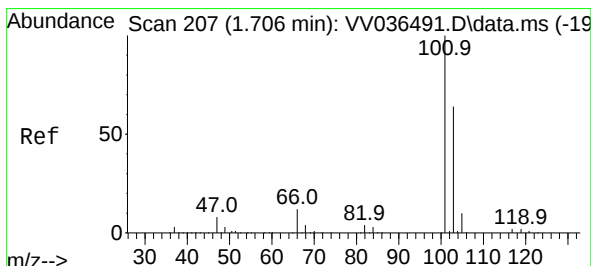
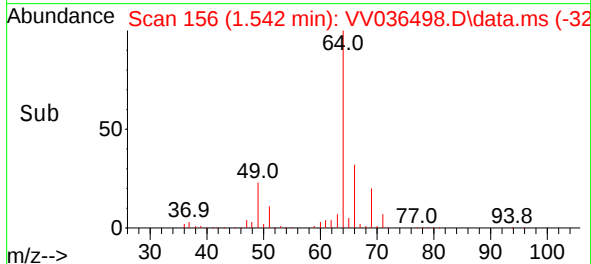
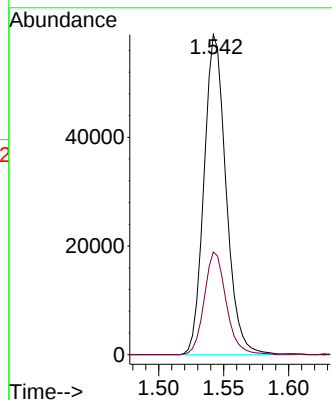
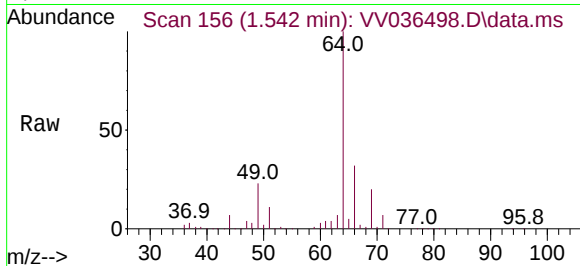




#8
Chloroethane
Concen: 23.462 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

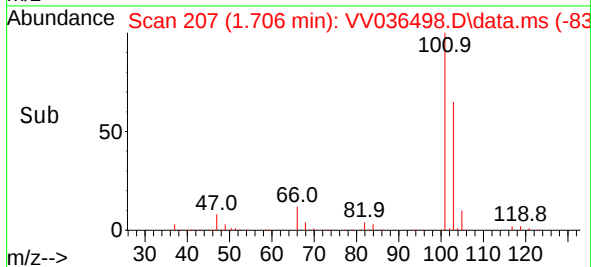
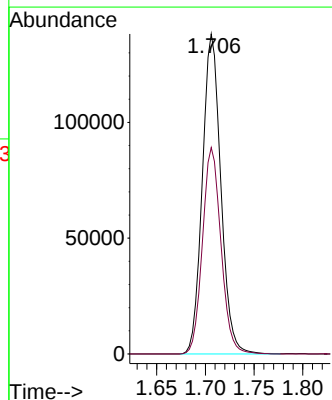
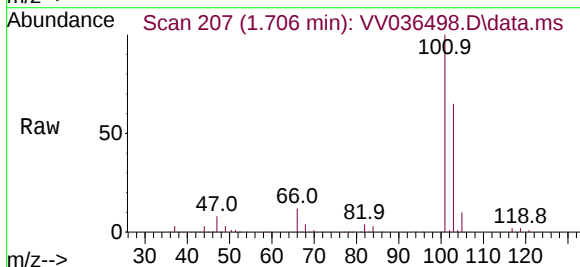
Instrument :
MSVOA_V
ClientSampleId :

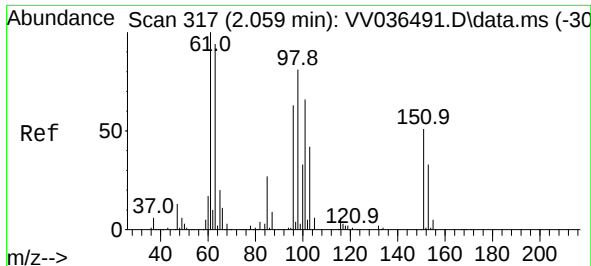
Tgt Ion: 64 Resp: 69696
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.9



#9
Trichlorofluoromethane
Concen: 23.949 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:101 Resp: 182513
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9





#10

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

Concen: 24.718 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

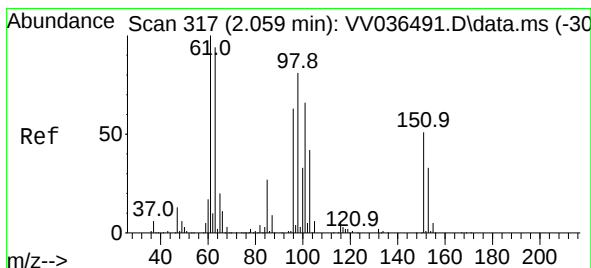
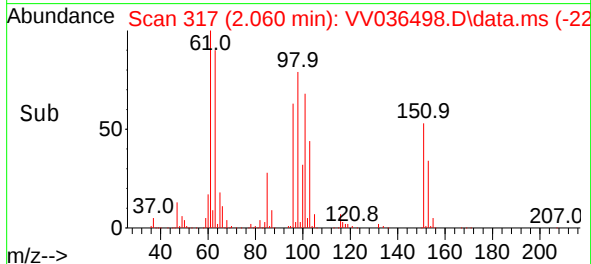
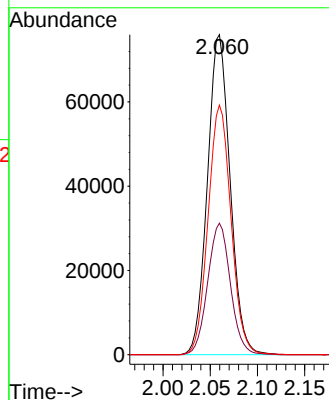
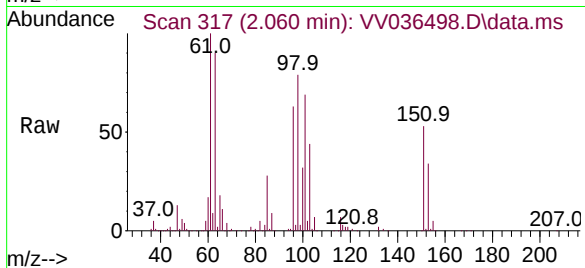
Tgt Ion:101 Resp: 127019

Ion Ratio Lower Upper

101 100

85 41.1 32.5 48.7

151 78.7 62.6 94.0



#12

1,1-Dichloroethene

Concen: 23.285 ug/L

RT: 2.060 min Scan# 317

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

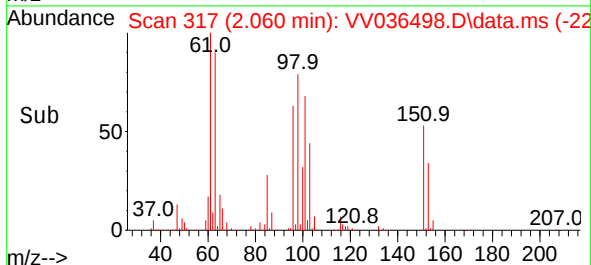
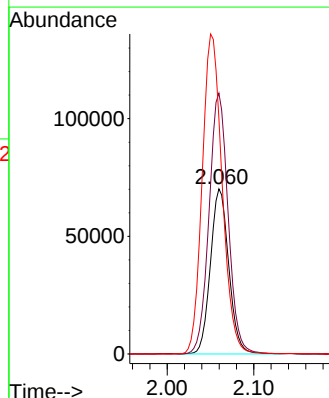
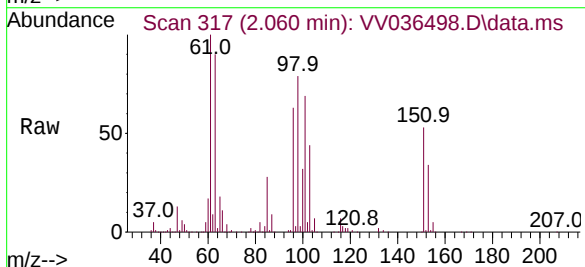
Tgt Ion: 96 Resp: 103205

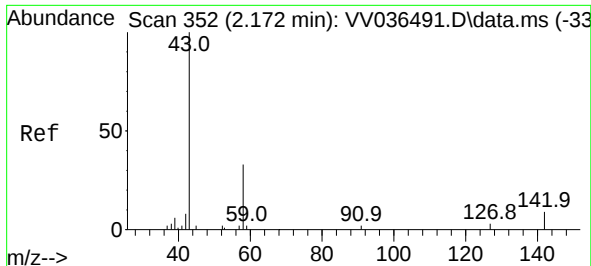
Ion Ratio Lower Upper

96 100

61 158.0 110.8 205.8

63 142.5 103.9 192.9

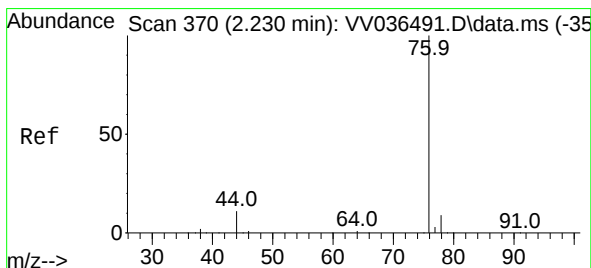
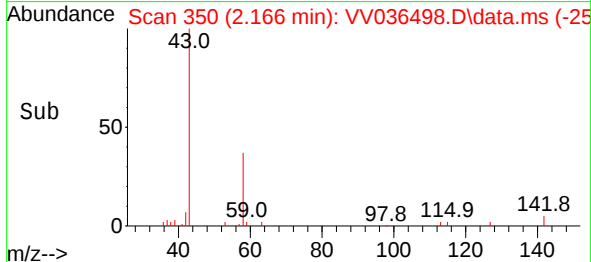
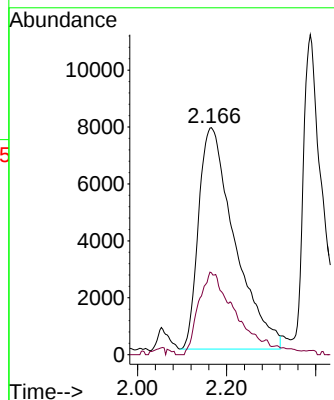
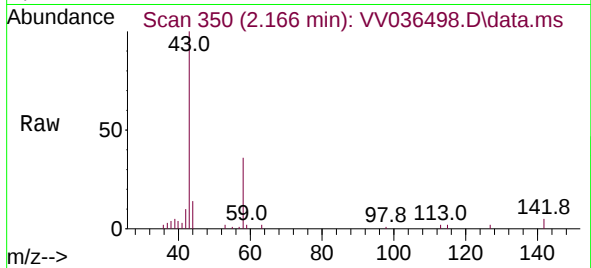




#13
Acetone
Concen: 42.194 ug/L
RT: 2.166 min Scan# 352
Delta R.T. -0.006 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

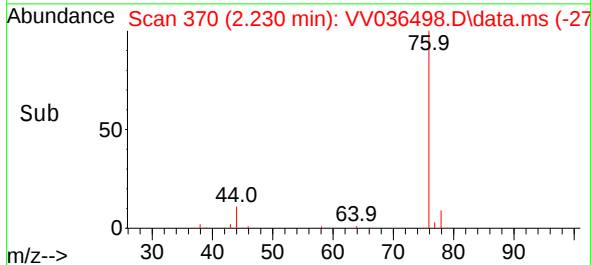
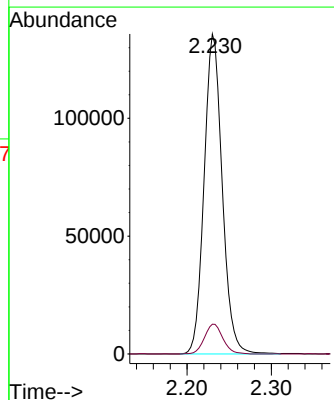
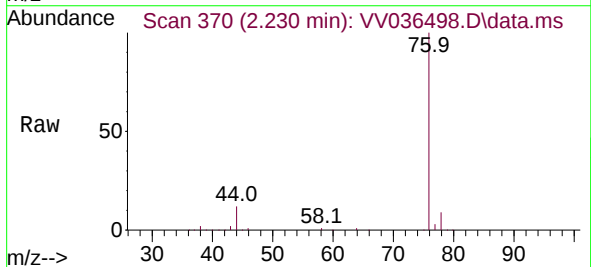
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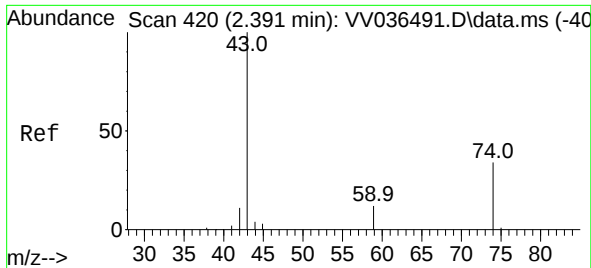
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Ion Ratio Lower Upper
43 100
58 14.8 0.0 28.4



#14
Carbon disulfide
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RT: 2.230 min Scan# 370
Delta R.T. 0.000 min
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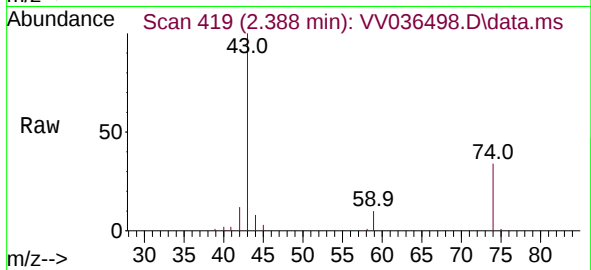
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Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



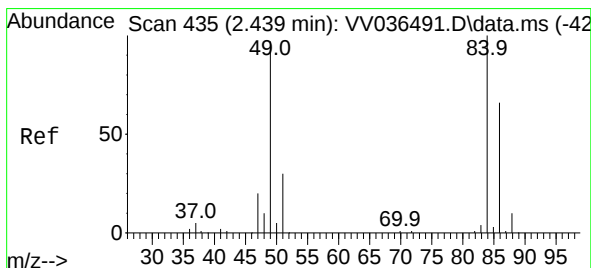
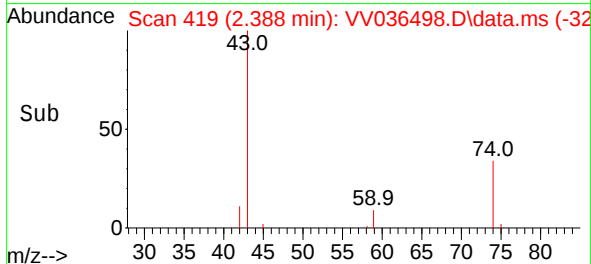
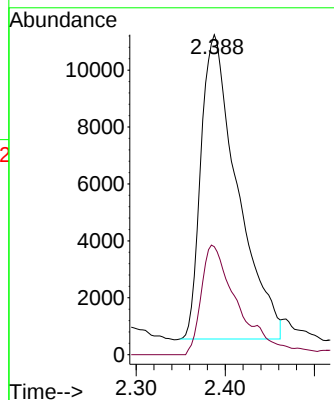


#15
Methyl Acetate
Concen: 21.580 ug/L
RT: 2.388 min Scan# 419
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

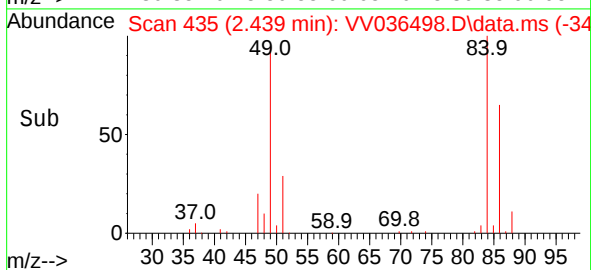
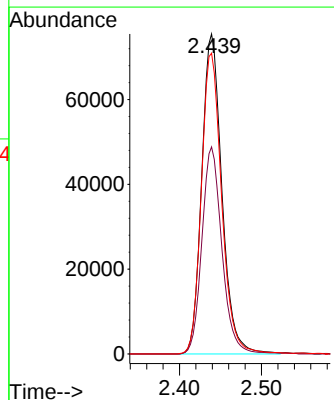
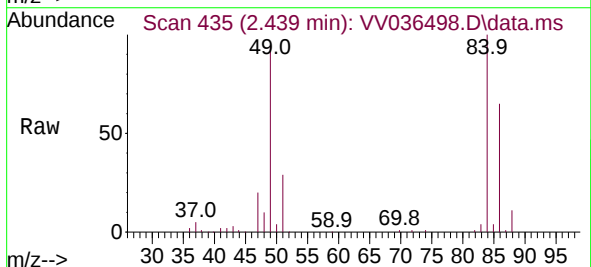


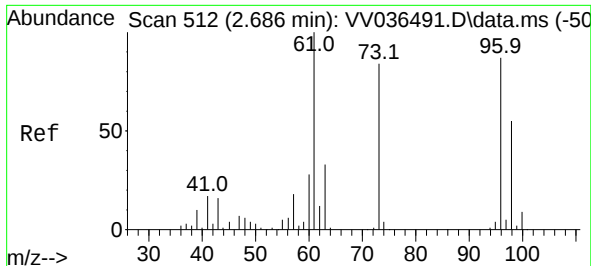
Tgt Ion: 43 Resp: 30327
Ion Ratio Lower Upper
43 100
74 31.1 26.3 39.5



#16
Methylene chloride
Concen: 20.869 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

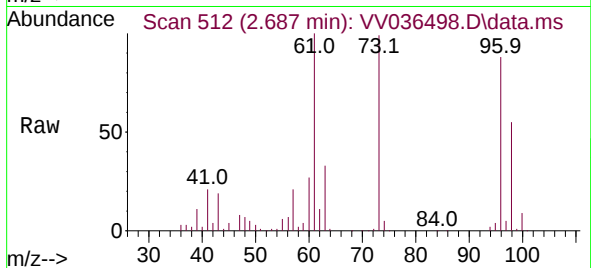
Tgt Ion: 84 Resp: 128729
Ion Ratio Lower Upper
84 100
86 64.7 46.3 86.1
49 94.0 68.1 126.5



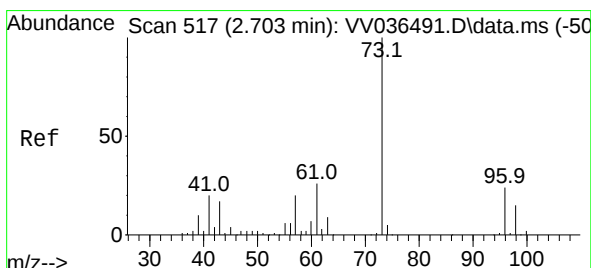
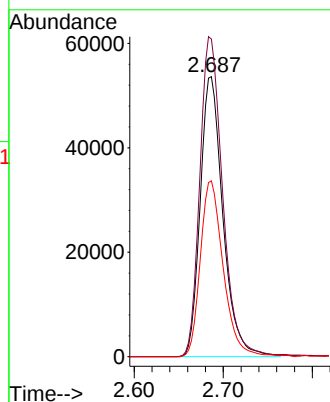
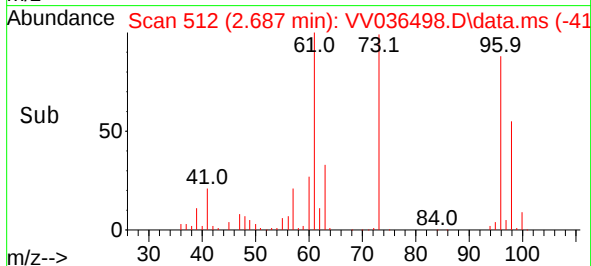


#17
trans-1,2-Dichloroethene
Concen: 23.600 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

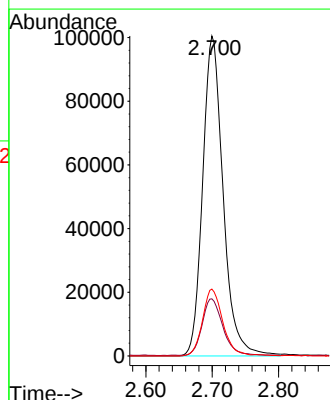
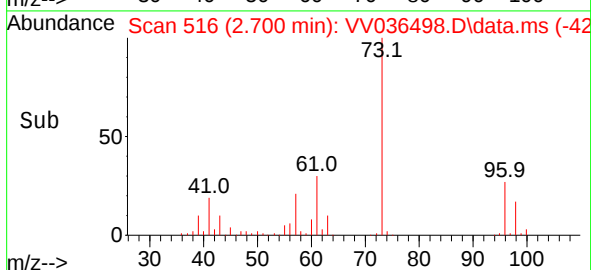
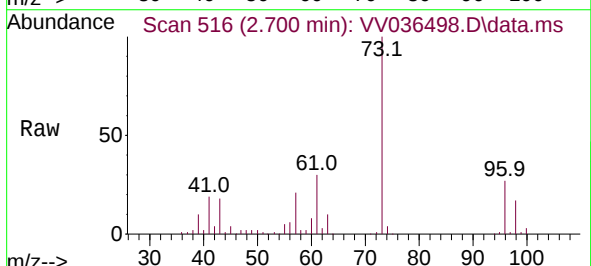


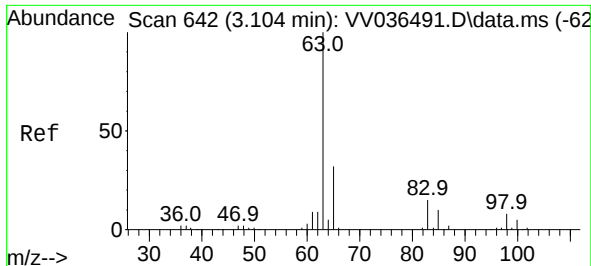
Tgt Ion: 96 Resp: 95058
Ion Ratio Lower Upper
96 100
61 113.4 80.7 149.9
98 62.8 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 23.899 ug/L
RT: 2.700 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion: 73 Resp: 215706
Ion Ratio Lower Upper
73 100
43 17.8 14.3 21.5
57 20.6 16.5 24.7





#19

1,1-Dichloroethane

Concen: 24.690 ug/L

RT: 3.101 min Scan# 641

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

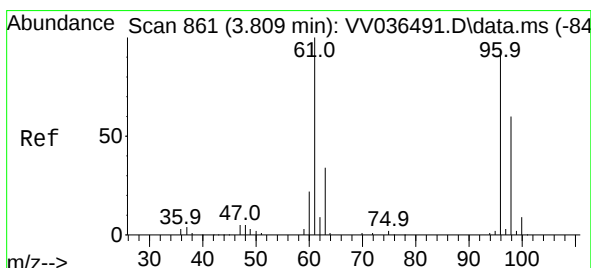
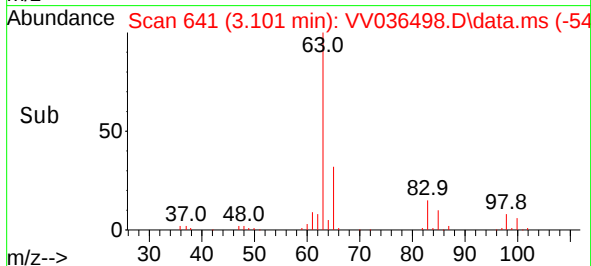
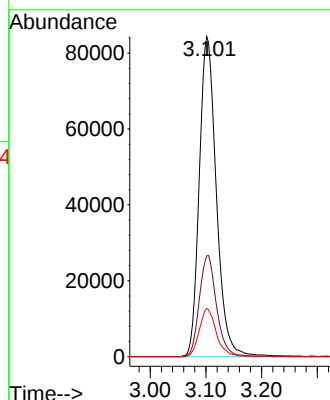
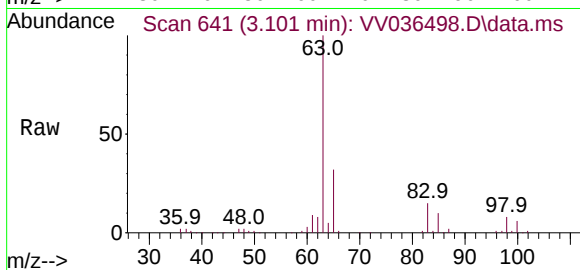
Tgt Ion: 63 Resp: 180007

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 15.1 10.9 20.2



#20

cis-1,2-Dichloroethene

Concen: 24.217 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

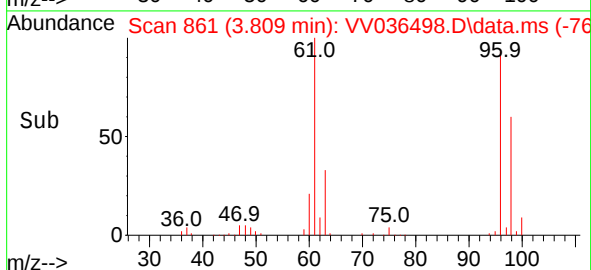
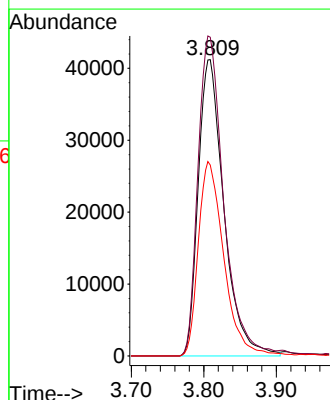
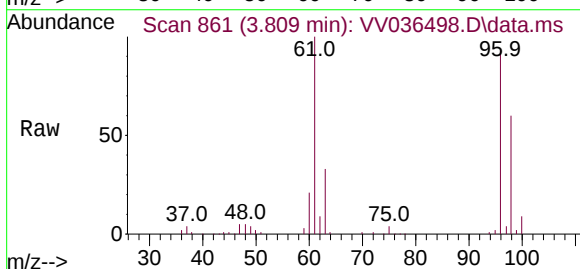
Tgt Ion: 96 Resp: 101383

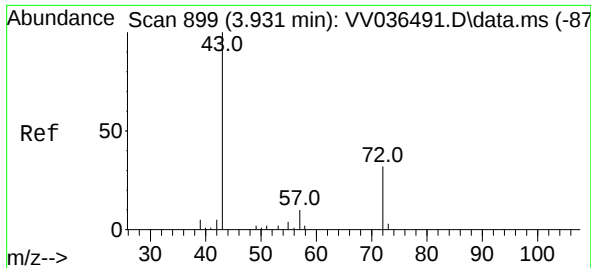
Ion Ratio Lower Upper

96 100

61 107.6 74.8 138.8

98 64.4 45.2 84.0

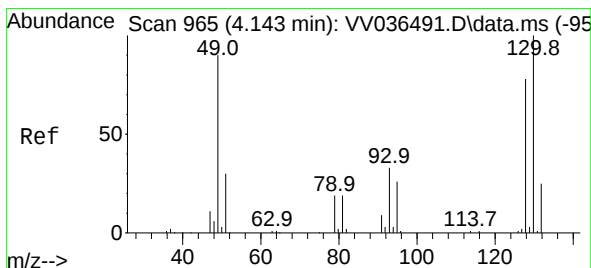
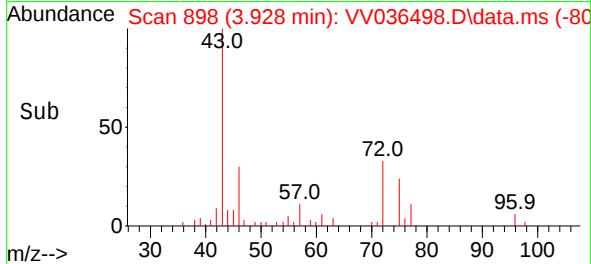
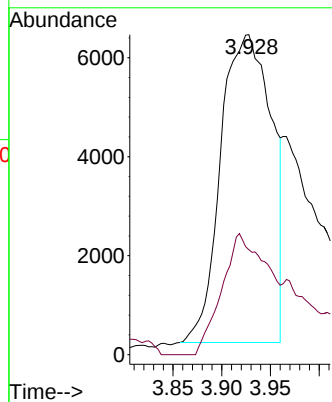
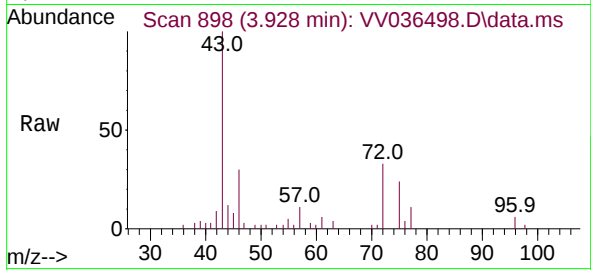




#22
2-Butanone
Concen: 25.745 ug/L
RT: 3.928 min Scan# 899
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

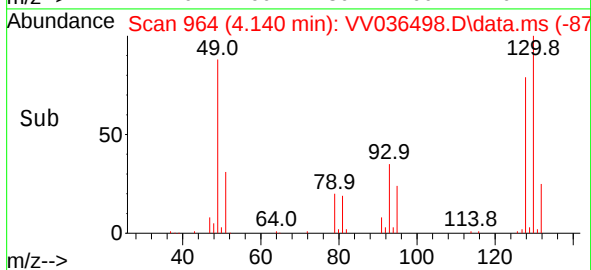
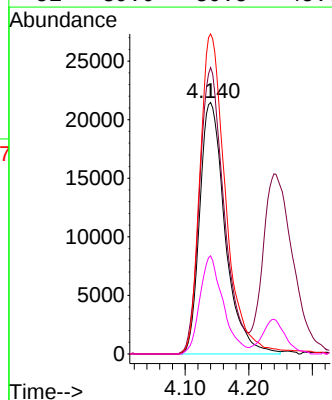
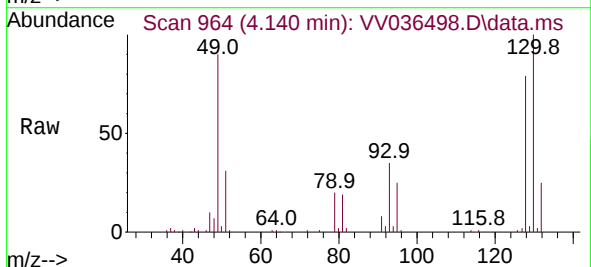
Instrument :
MSVOA_V
ClientSampleId :

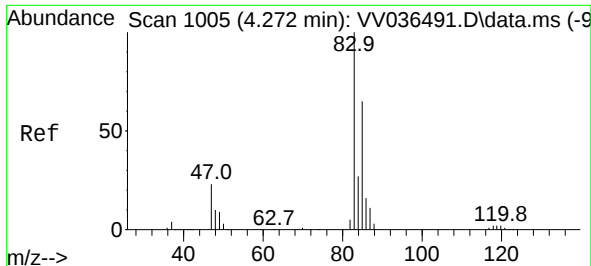
Tgt Ion: 43 Resp: 22482
Ion Ratio Lower Upper
43 100
72 35.9 5.9 17.6#



#23
Bromochloromethane
Concen: 25.032 ug/L
RT: 4.140 min Scan# 964
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:128 Resp: 59519
Ion Ratio Lower Upper
128 100
49 113.9 80.7 149.9
130 127.2 89.9 167.0
51 39.0 30.5 45.7





#25

Chloroform

Concen: 24.987 ug/L

RT: 4.265 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

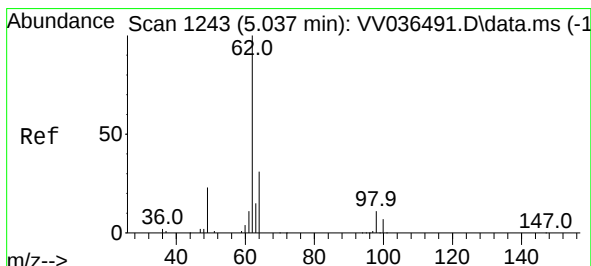
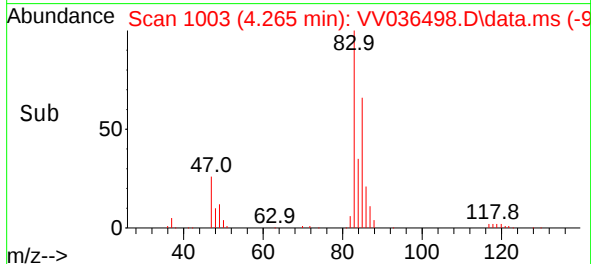
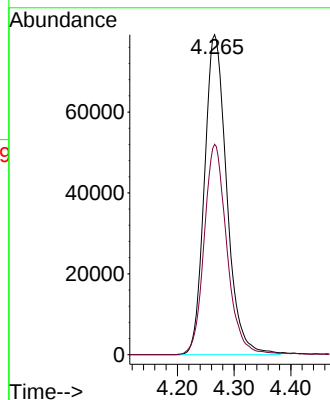
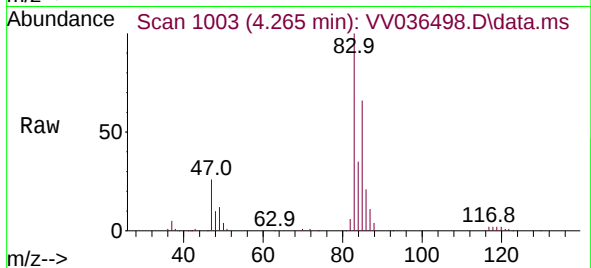
ClientSampleId :

Tgt Ion: 83 Resp: 216312

Ion Ratio Lower Upper

83 100

85 65.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 25.365 ug/L

RT: 5.034 min Scan# 1242

Delta R.T. -0.003 min

Lab File: VV036498.D

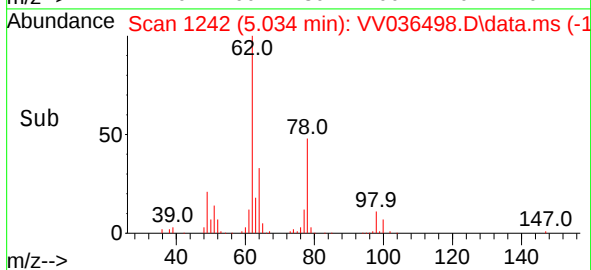
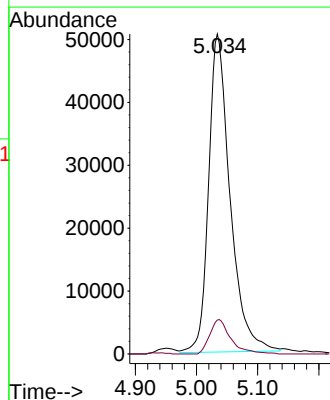
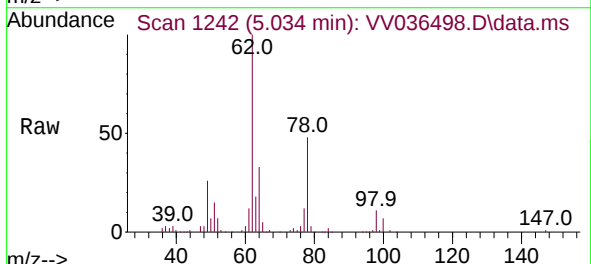
Acq: 12 Jul 2024 10:12

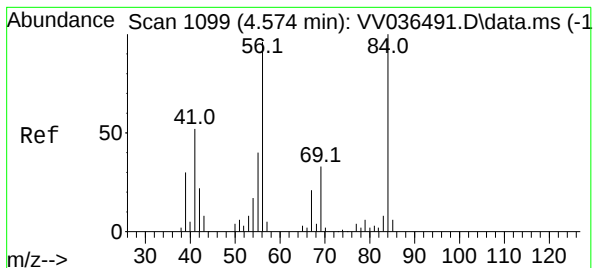
Tgt Ion: 62 Resp: 123348

Ion Ratio Lower Upper

62 100

98 10.6 8.9 13.3





#29

Cyclohexane

Concen: 22.923 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VV036498.D

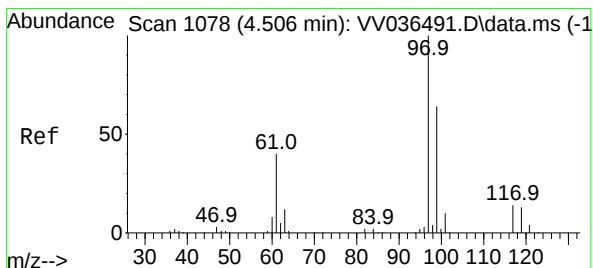
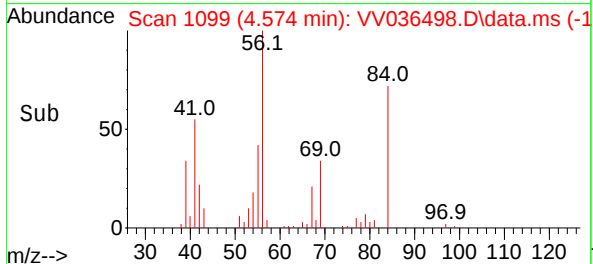
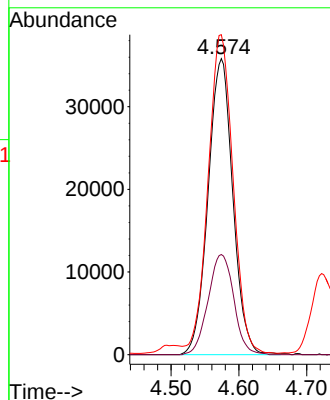
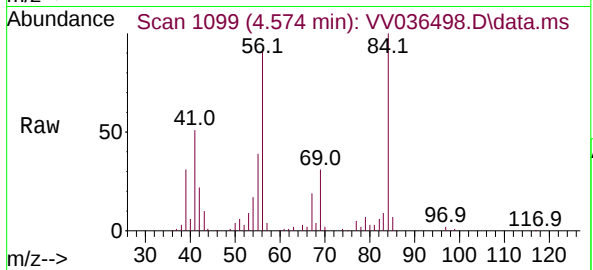
Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	56	Resp:	90852
Ion Ratio	Lower	Upper	
56	100		
69	35.1	27.6	41.4
84	107.2	85.4	128.2



#30

1,1,1-Trichloroethane

Concen: 24.981 ug/L

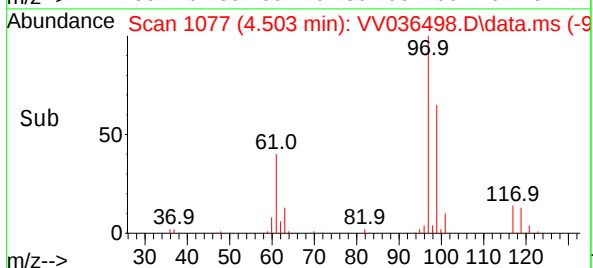
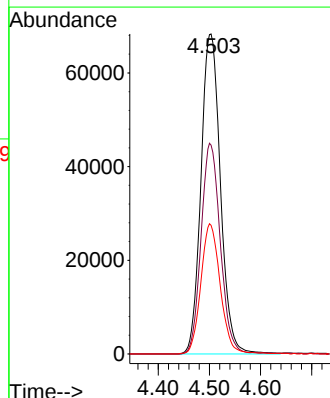
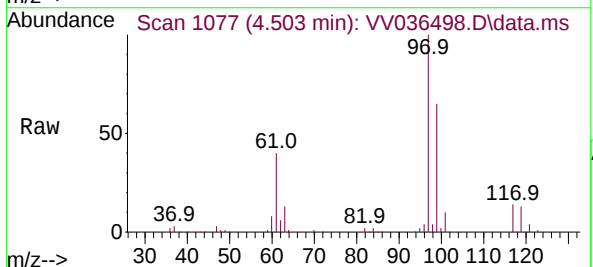
RT: 4.503 min Scan# 1077

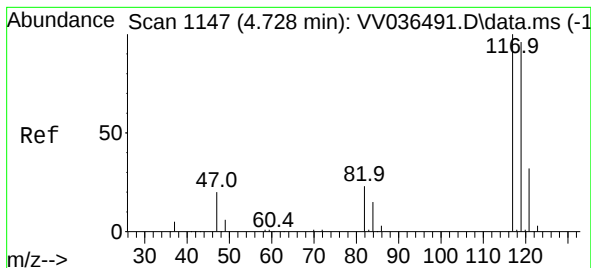
Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Tgt Ion:	97	Resp:	180920
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.9	77.9
61	40.2	32.2	48.4





#31

Carbon tetrachloride

Concen: 25.142 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

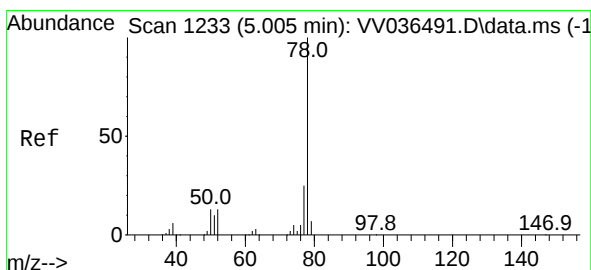
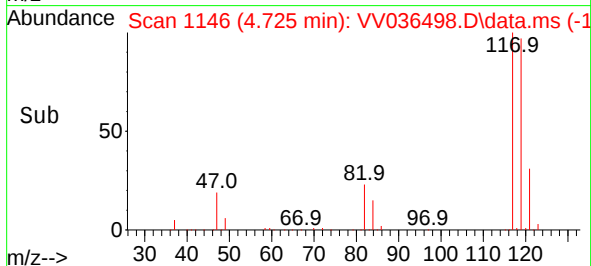
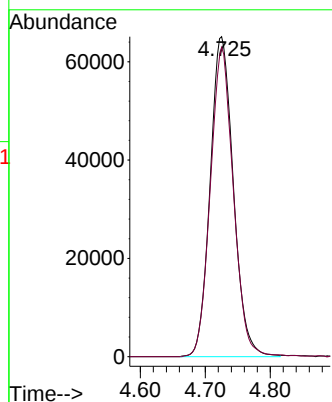
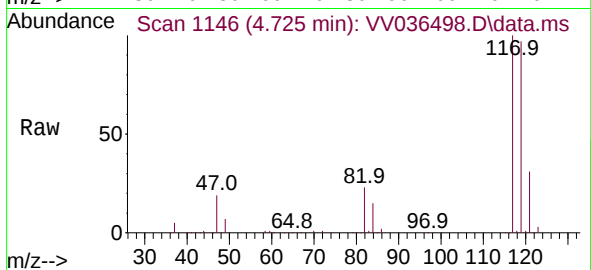
ClientSampleId :

Tgt Ion:117 Resp: 161489

Ion Ratio Lower Upper

117 100

119 95.8 77.6 116.4



#33

Benzene

Concen: 25.665 ug/L

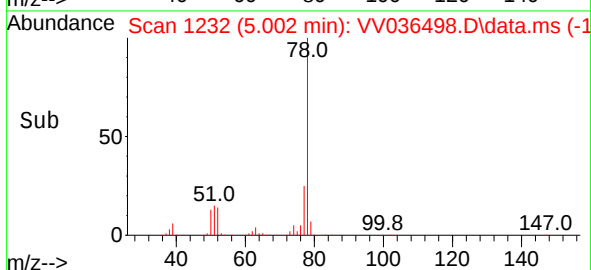
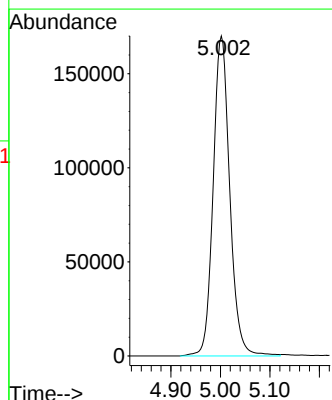
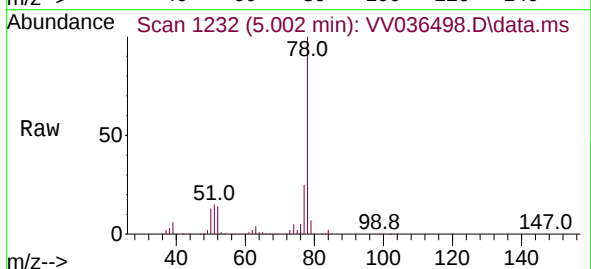
RT: 5.002 min Scan# 1232

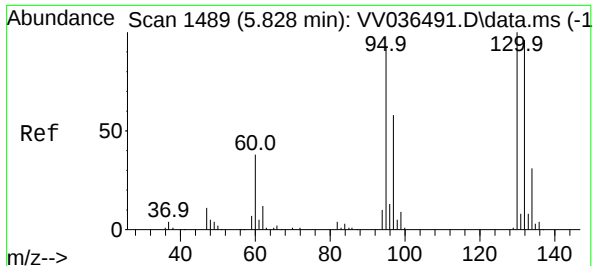
Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Tgt Ion: 78 Resp: 395700





#34

Trichloroethene

Concen: 24.394 ug/L

RT: 5.825 min Scan# 1489

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 119680

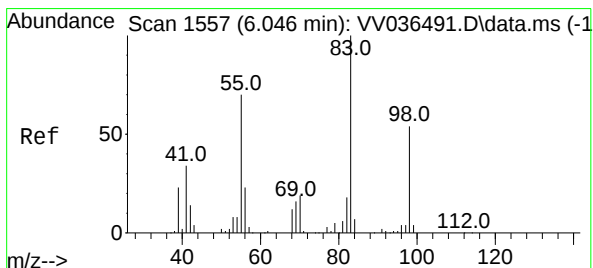
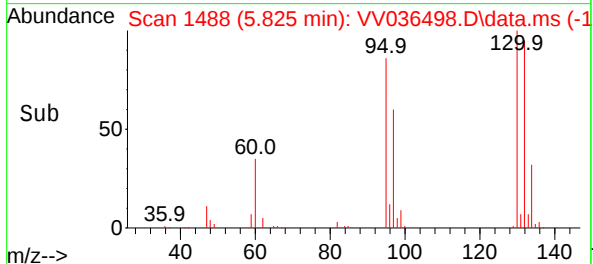
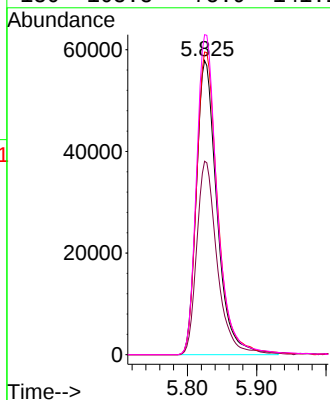
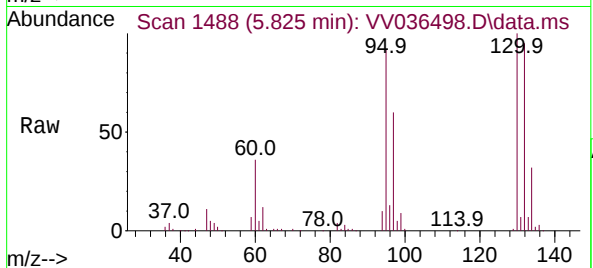
Ion Ratio Lower Upper

95 100

97 65.8 44.4 82.4

132 102.9 73.0 135.6

130 108.8 75.9 141.1



#35

Methylcyclohexane

Concen: 24.385 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

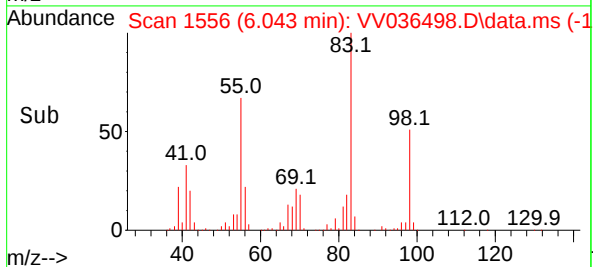
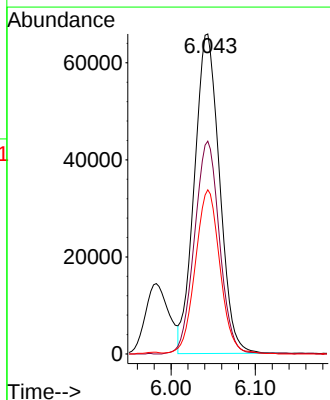
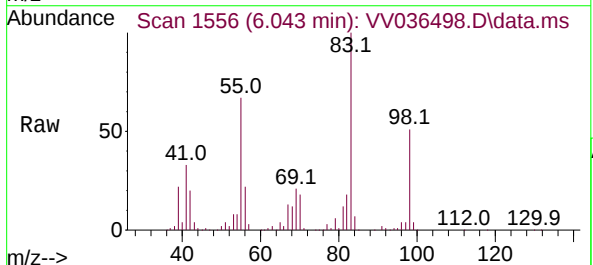
Tgt Ion: 83 Resp: 136539

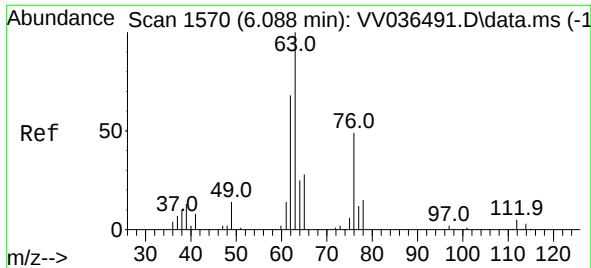
Ion Ratio Lower Upper

83 100

55 66.3 54.3 81.5

98 50.0 41.7 62.5

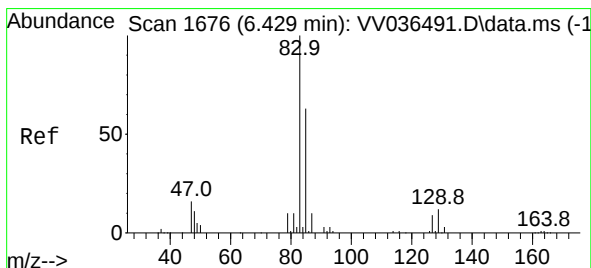
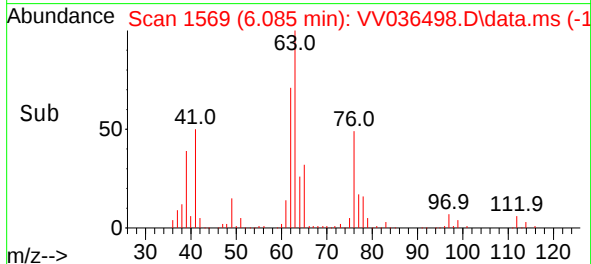
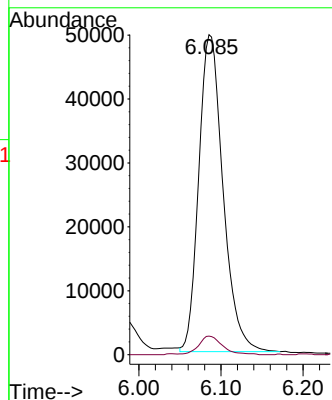
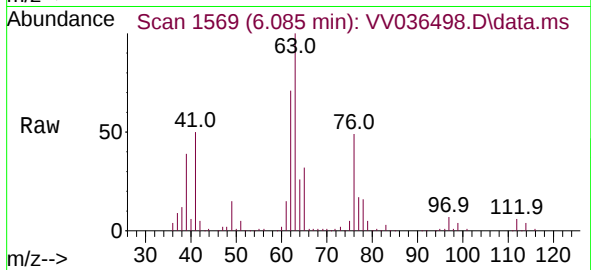




#37
1,2-Dichloropropane
Concen: 26.145 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

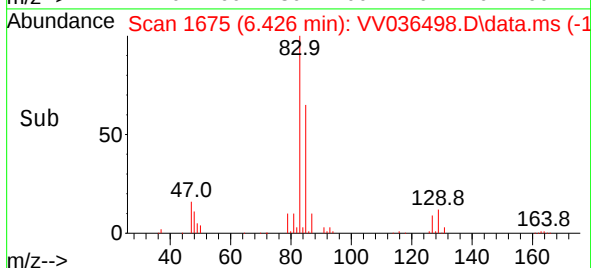
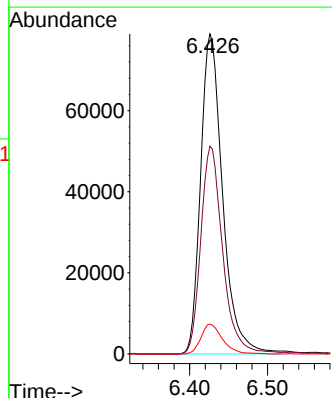
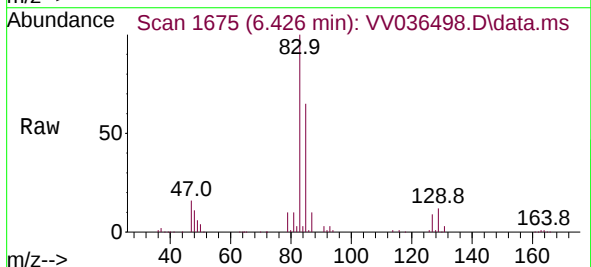
Instrument :
MSVOA_V
ClientSampleId :

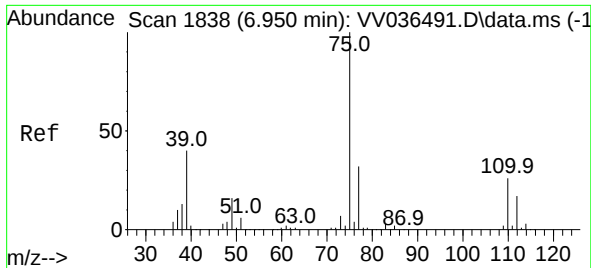
Tgt Ion: 63 Resp: 101731
Ion Ratio Lower Upper
63 100
112 5.7 4.5 6.7



#38
Bromodichloromethane
Concen: 25.128 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion: 83 Resp: 154919
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
127 9.3 7.0 10.4

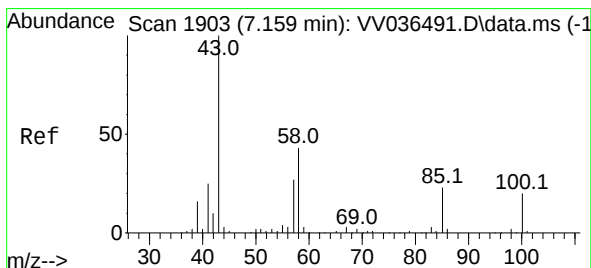
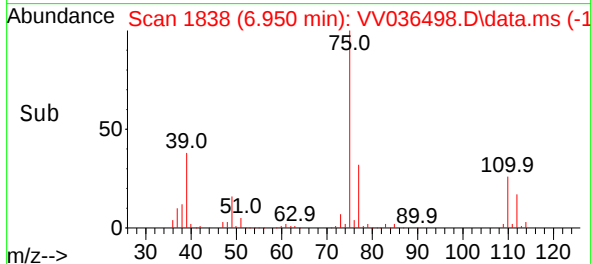
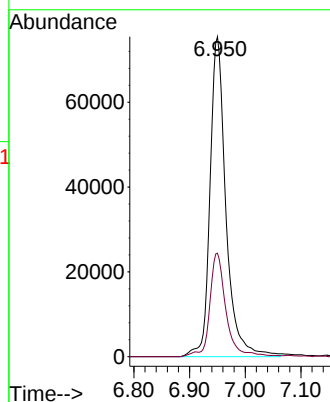
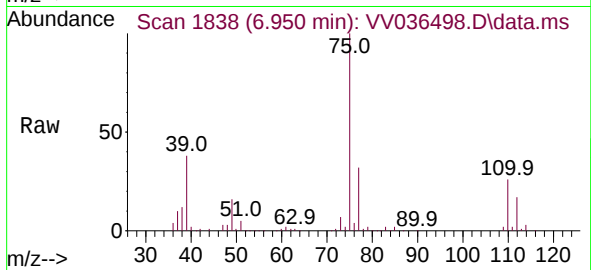




#39
cis-1,3-Dichloropropene
Concen: 24.996 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

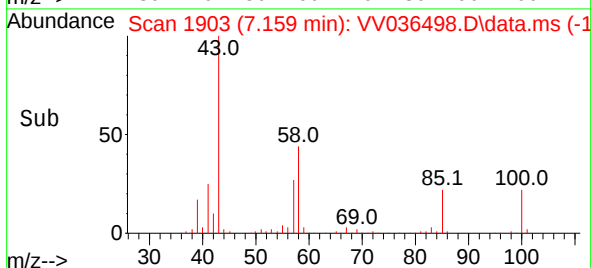
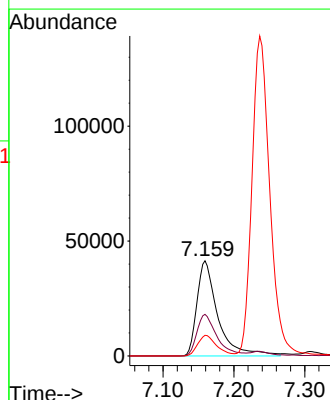
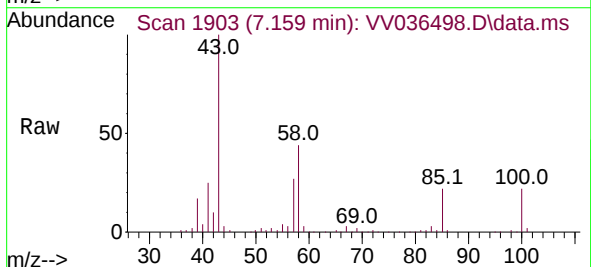
Instrument :
MSVOA_V
ClientSampleId :

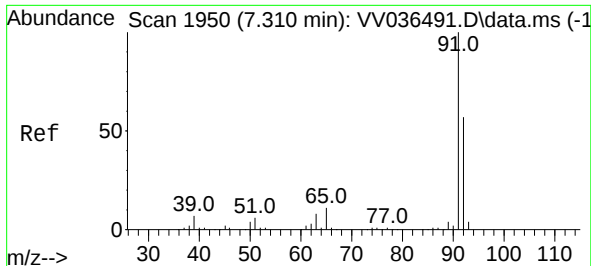
Tgt Ion: 75 Resp: 149978
Ion Ratio Lower Upper
75 100
77 32.4 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 48.065 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion: 43 Resp: 84989
Ion Ratio Lower Upper
43 100
58 42.1 32.9 49.3
100 19.9 15.5 23.3





#42

Toluene

Concen: 26.872 ug/L

RT: 7.310 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

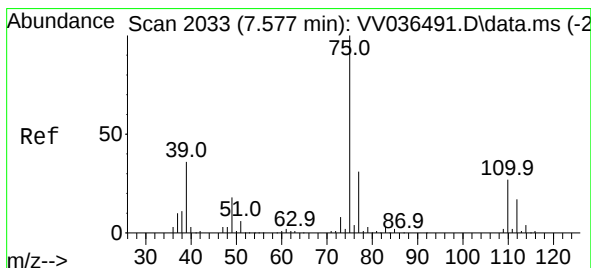
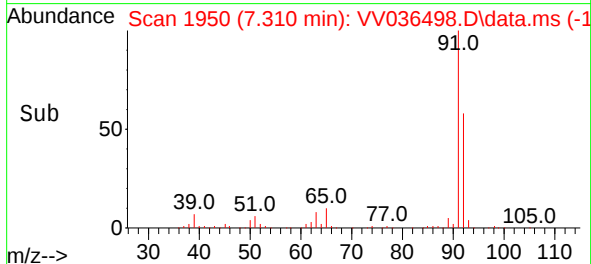
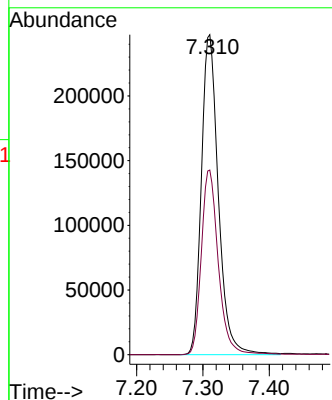
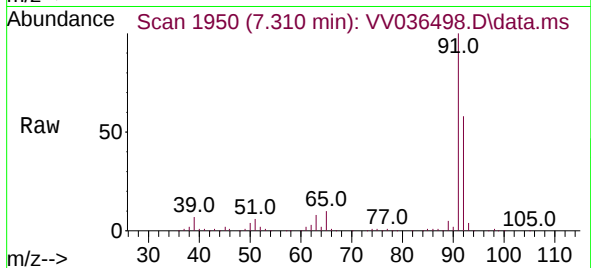
ClientSampleId :

Tgt Ion: 91 Resp: 439009

Ion Ratio Lower Upper

91 100

92 57.7 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 25.369 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VV036498.D

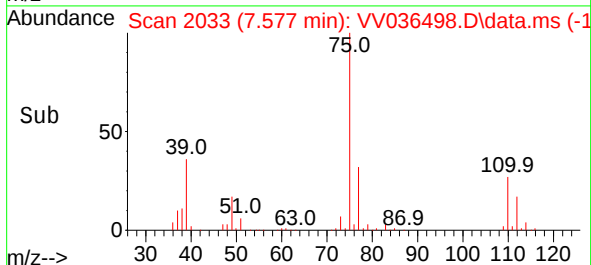
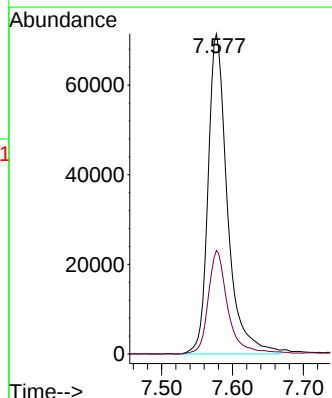
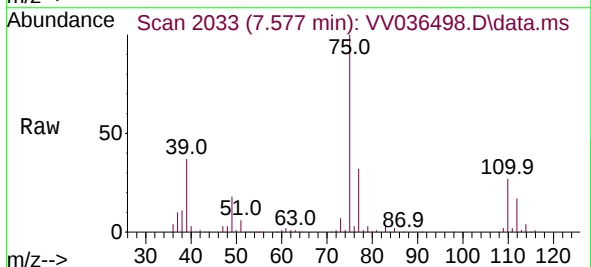
Acq: 12 Jul 2024 10:12

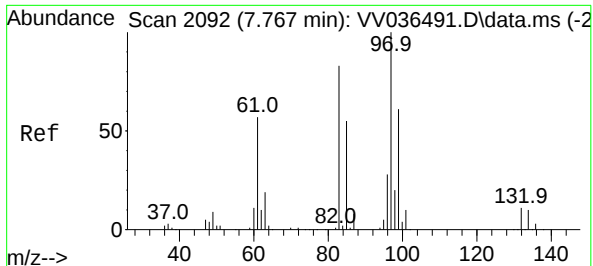
Tgt Ion: 75 Resp: 135715

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 25.010 ug/L

RT: 7.764 min Scan# 2092

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 95891

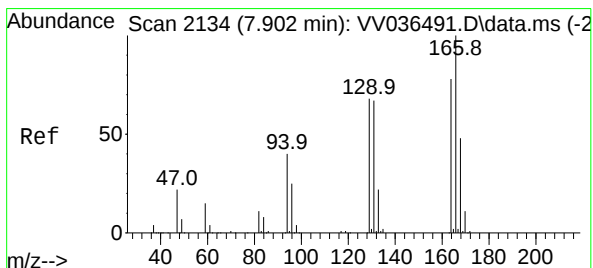
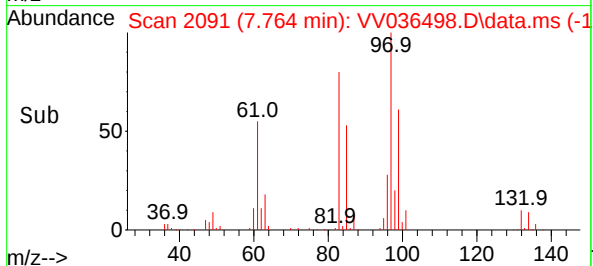
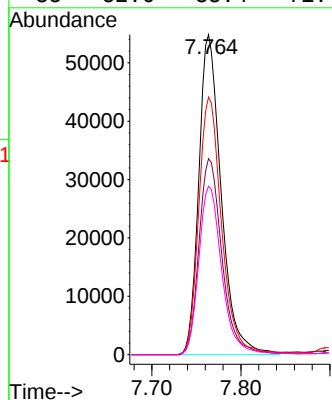
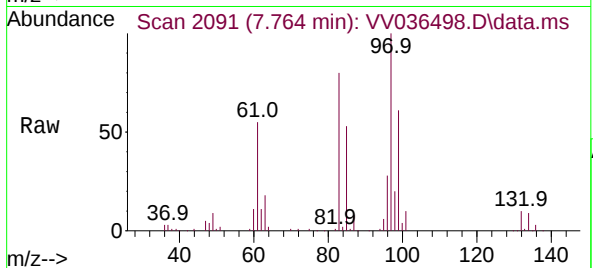
Ion Ratio Lower Upper

97 100

99 61.2 42.6 79.2

83 80.5 58.0 107.6

85 52.6 38.4 71.4



#46

Tetrachloroethene

Concen: 24.635 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Tgt Ion:164 Resp: 97726

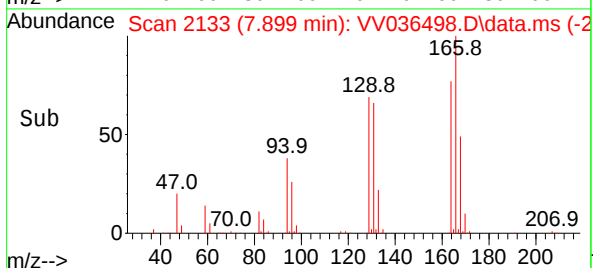
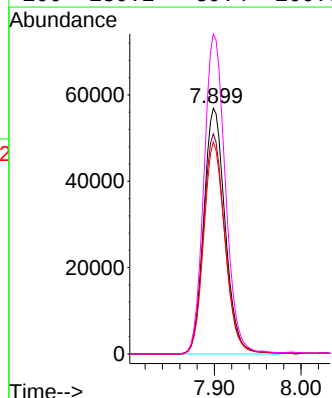
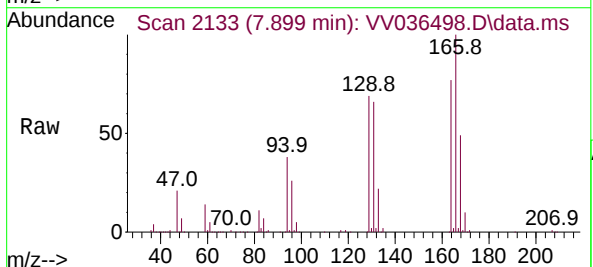
Ion Ratio Lower Upper

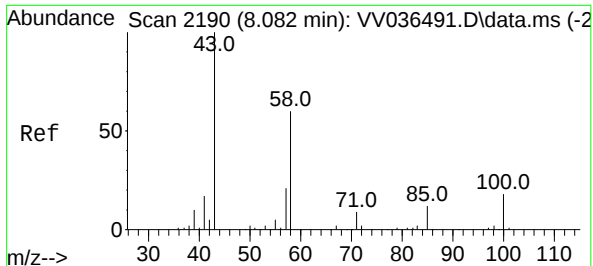
164 100

129 89.6 61.0 113.4

131 86.2 59.8 111.1

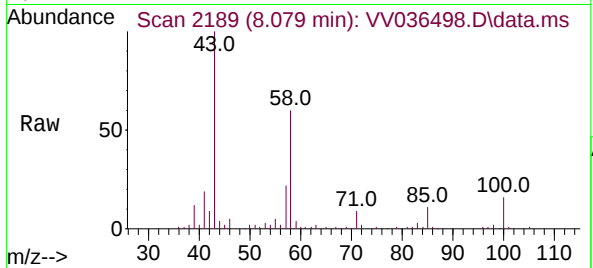
166 130.2 89.4 166.0



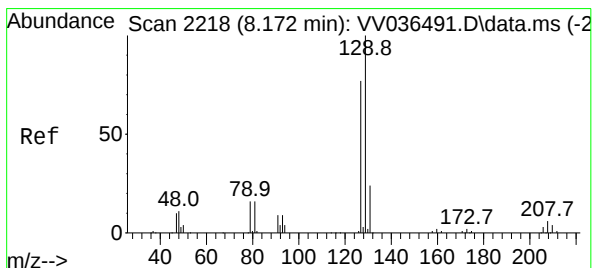
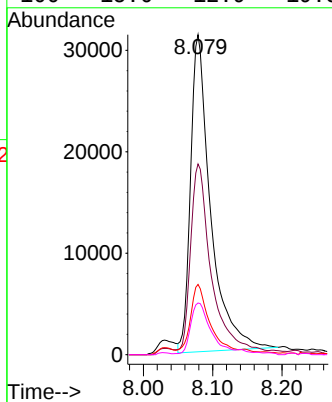
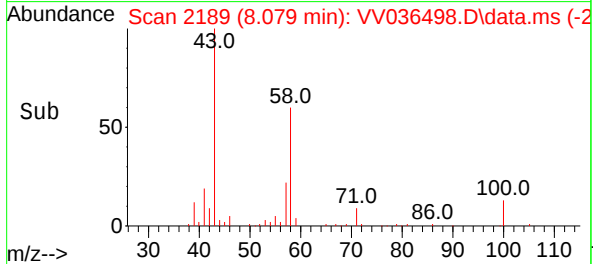


#48
2-Hexanone
Concen: 47.937 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

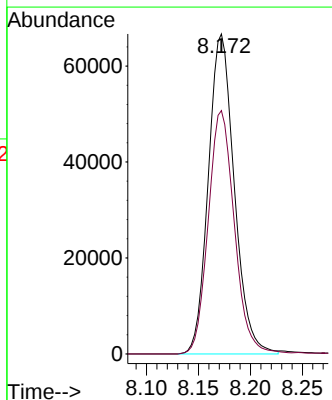
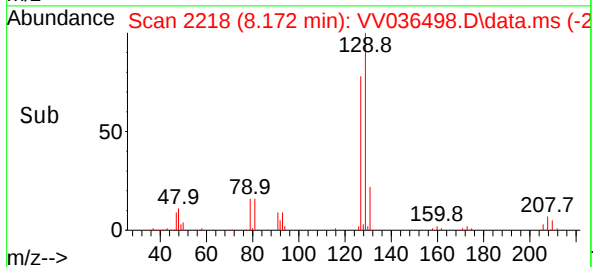
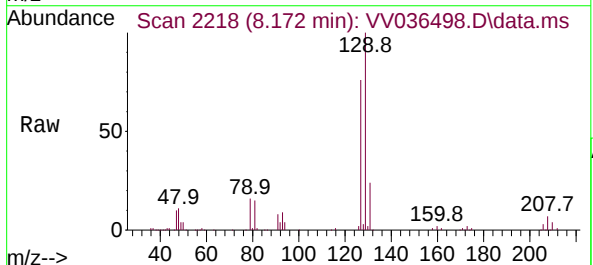


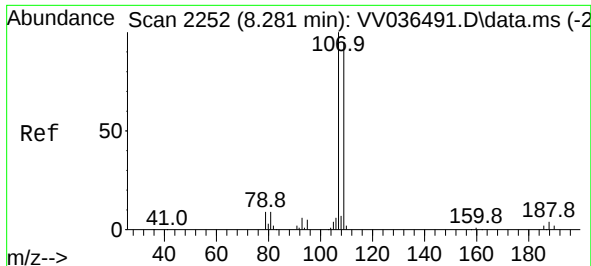
Tgt Ion:	43	Resp:	62876
Ion Ratio	Lower	Upper	
43	100		
58	58.8	49.5	74.3
57	19.5	15.3	22.9
100	15.6	12.9	19.3



#49
Dibromochloromethane
Concen: 25.012 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:	129	Resp:	115966
Ion Ratio	Lower	Upper	
129	100		
127	76.1	53.7	99.7

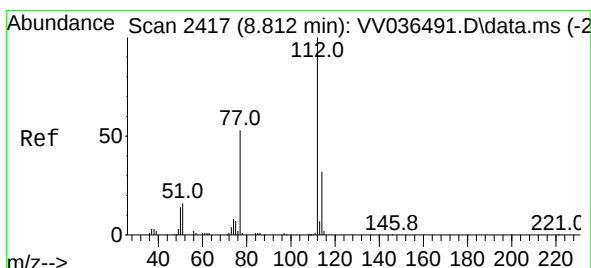
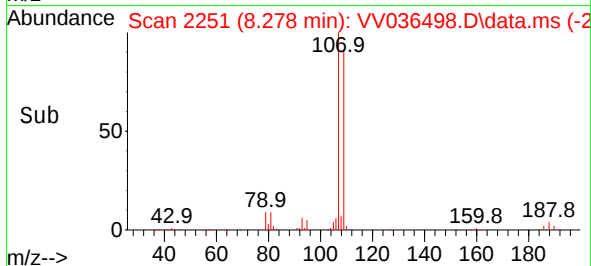
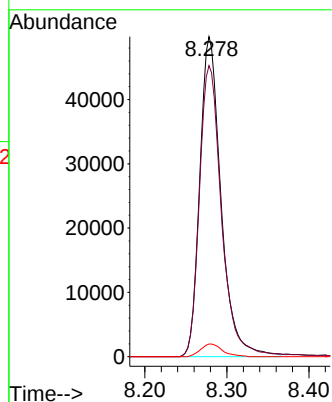
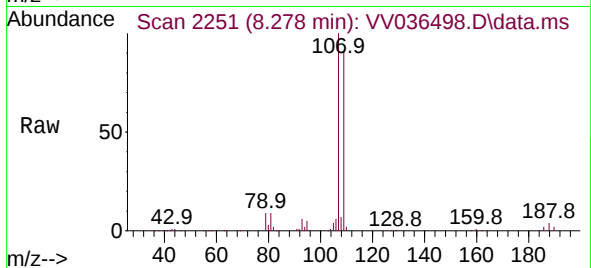




#50
1,2-Dibromoethane
Concen: 24.906 ug/L
RT: 8.278 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

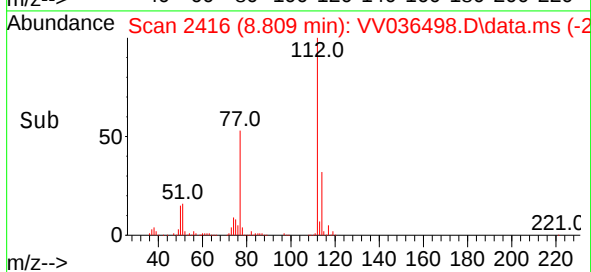
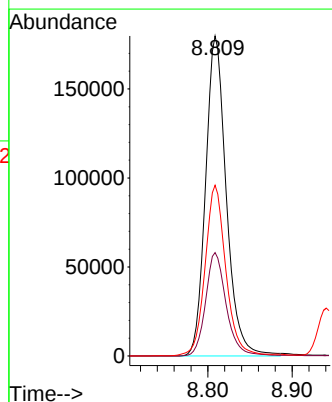
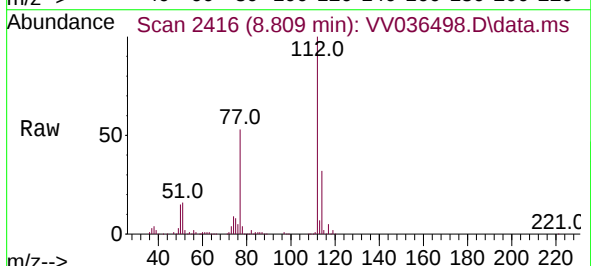
Instrument :
MSVOA_V
ClientSampleId :

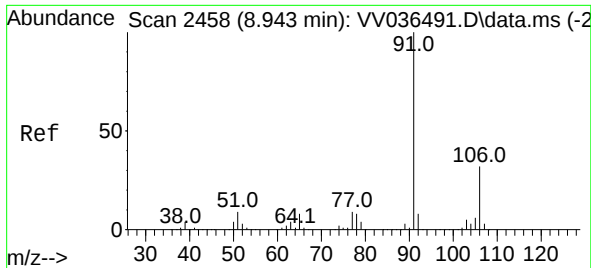
Tgt Ion:107 Resp: 89623
Ion Ratio Lower Upper
107 100
109 90.9 66.2 123.0
188 4.0 3.4 5.0



#51
Chlorobenzene
Concen: 25.138 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:112 Resp: 307562
Ion Ratio Lower Upper
112 100
114 32.3 22.5 41.9
77 53.4 43.0 64.6





#52

Ethylbenzene

Concen: 26.301 ug/L

RT: 8.940 min Scan# 2458

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

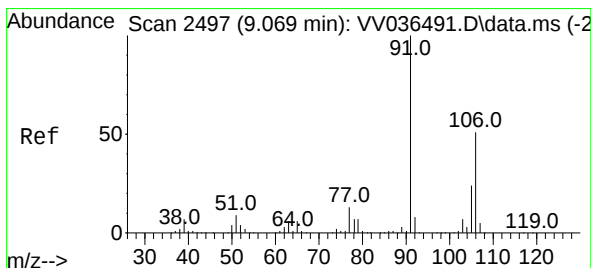
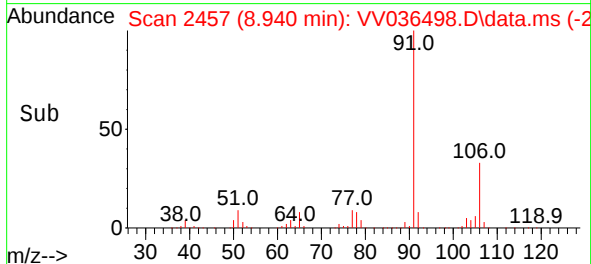
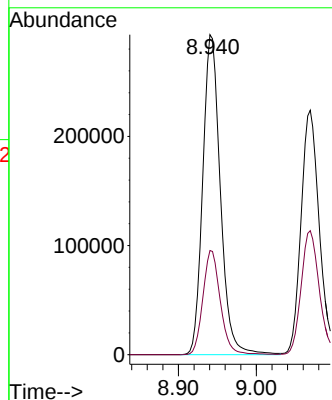
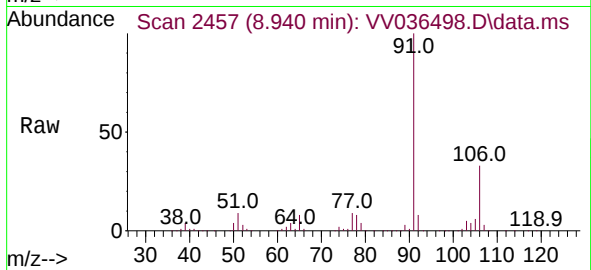
ClientSampleId :

Tgt Ion: 91 Resp: 460902

Ion Ratio Lower Upper

91 100

106 32.6 22.6 42.0



#53

m,p-Xylene

Concen: 27.384 ug/L

RT: 9.069 min Scan# 2497

Delta R.T. 0.000 min

Lab File: VV036498.D

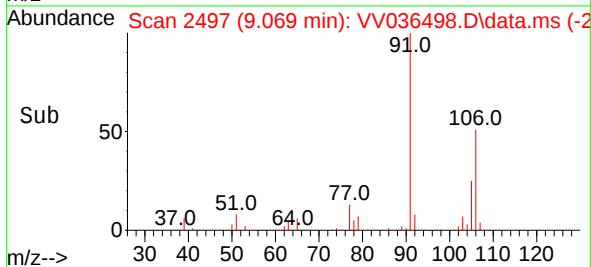
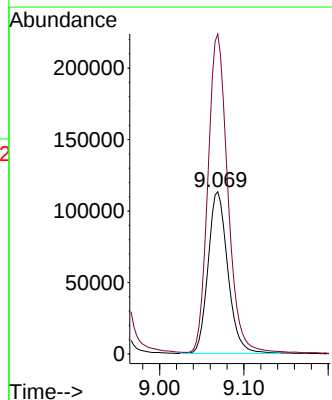
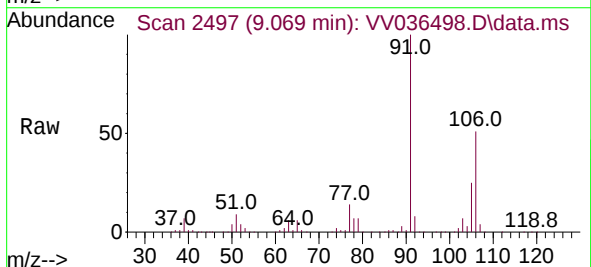
Acq: 12 Jul 2024 10:12

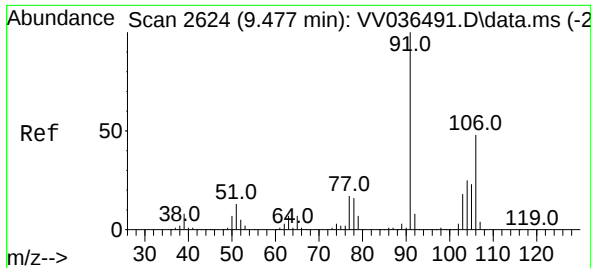
Tgt Ion:106 Resp: 184760

Ion Ratio Lower Upper

106 100

91 197.1 137.1 254.7

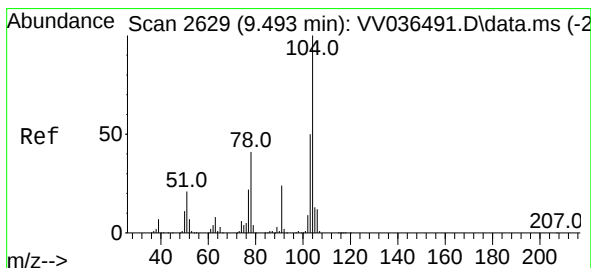
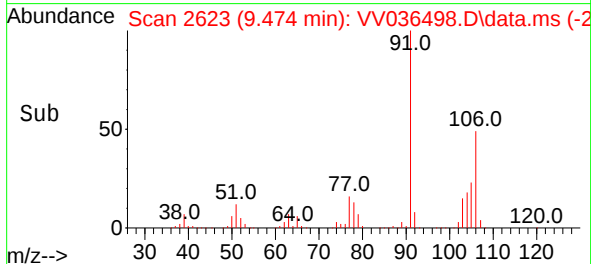
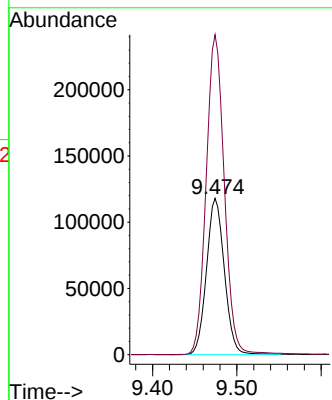
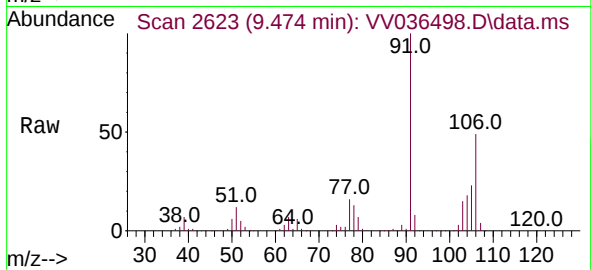




#54
o-Xylene
Concen: 27.235 ug/L
RT: 9.474 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

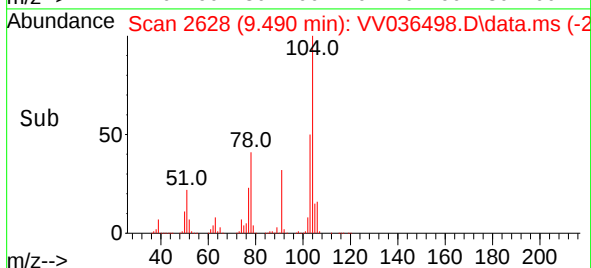
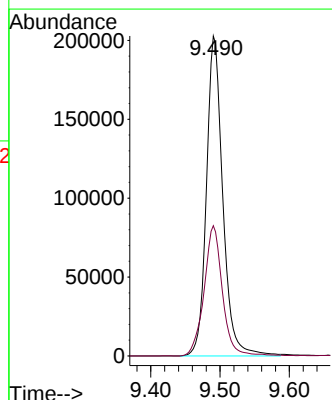
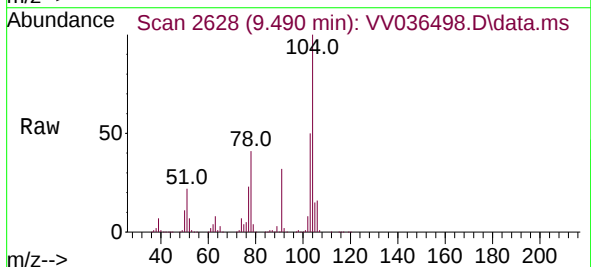
Instrument :
MSVOA_V
ClientSampleId :

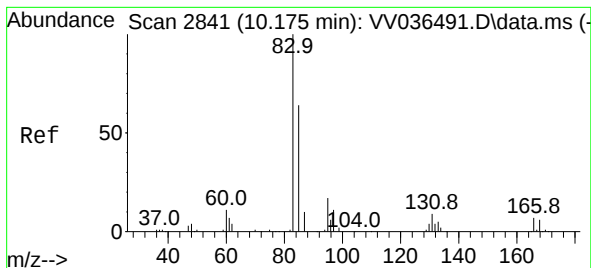
Tgt Ion:106 Resp: 174951
Ion Ratio Lower Upper
106 100
91 204.7 147.3 273.6



#55
Styrene
Concen: 28.961 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:104 Resp: 332855
Ion Ratio Lower Upper
104 100
78 40.7 28.8 53.6





#57

1,1,2,2-Tetrachloroethane

Concen: 23.870 ug/L

RT: 10.175 min Scan# 2841

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

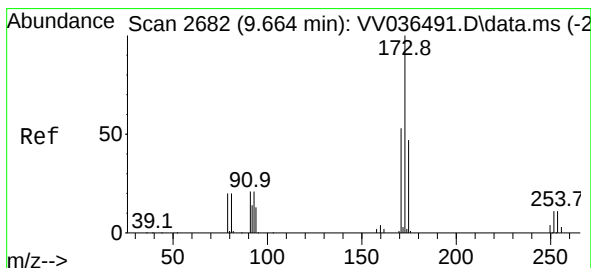
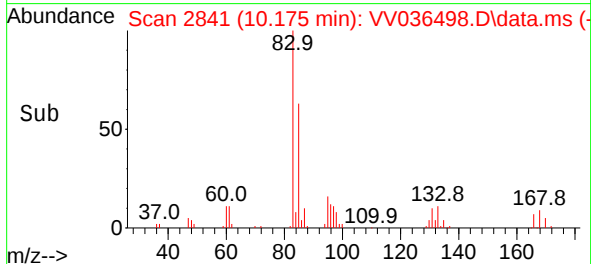
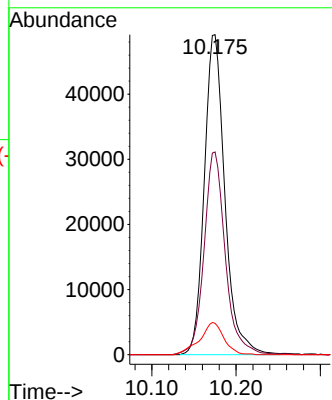
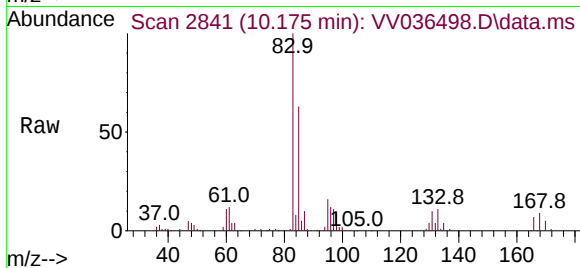
Tgt Ion: 83 Resp: 83574

Ion Ratio Lower Upper

83 100

85 63.4 45.0 83.6

131 9.8 8.1 12.1



#59

Bromoform

Concen: 24.219 ug/L

RT: 9.661 min Scan# 2681

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

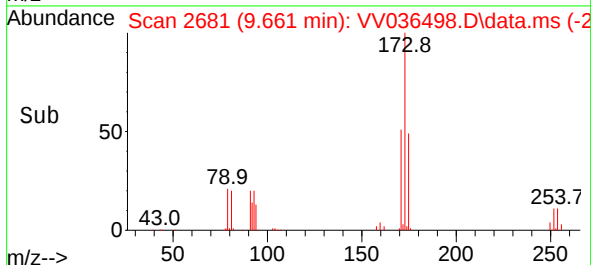
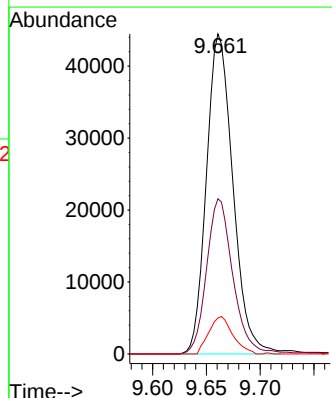
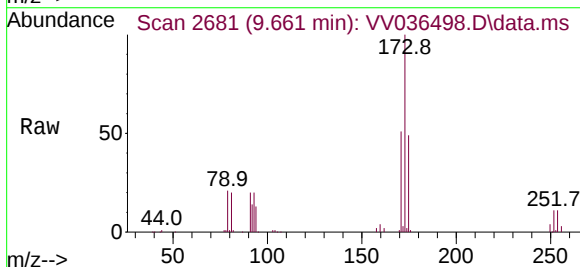
Tgt Ion: 173 Resp: 76111

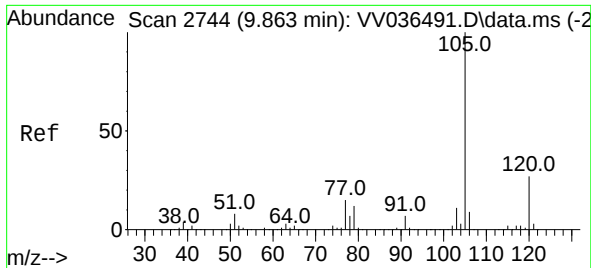
Ion Ratio Lower Upper

173 100

175 48.2 37.6 56.4

254 10.5 8.2 12.4

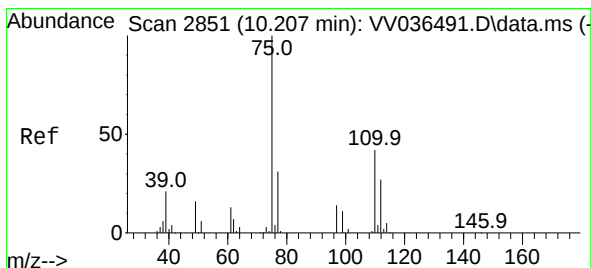
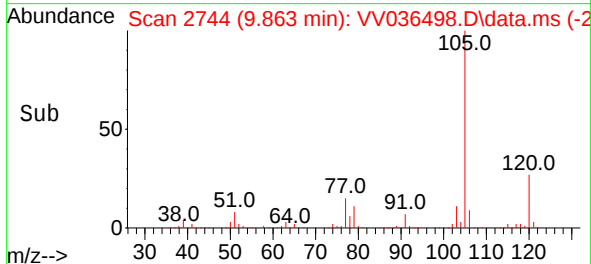
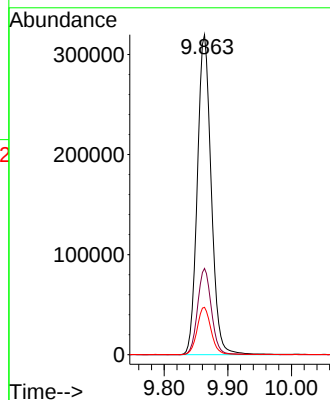
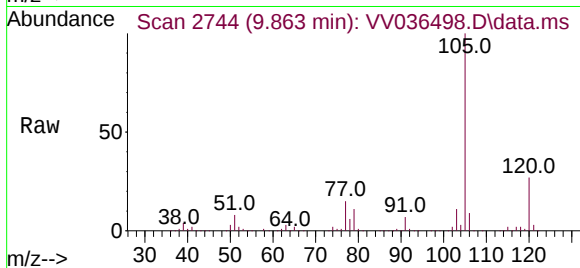




#60
Isopropylbenzene
Concen: 27.327 ug/L
RT: 9.863 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

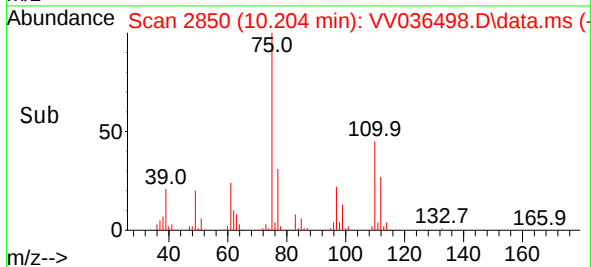
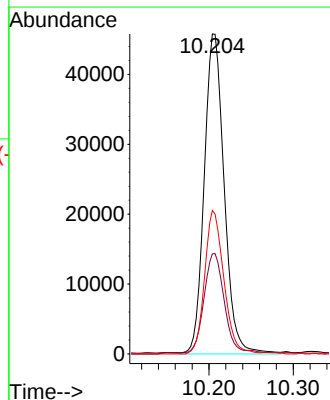
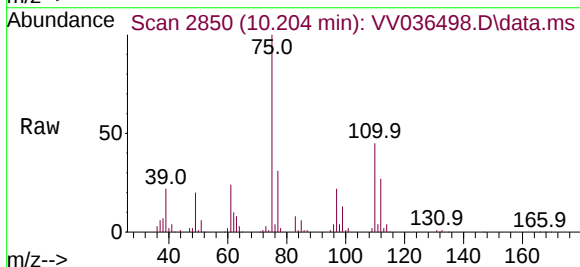
Instrument :
MSVOA_V
ClientSampleId :

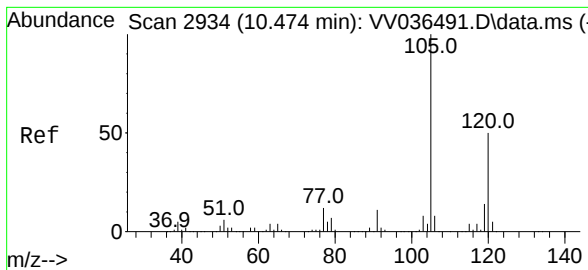
Tgt Ion:105 Resp: 484076
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6
77 15.0 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 23.978 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. -0.003 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion: 75 Resp: 75645
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
110 43.0 34.8 52.2

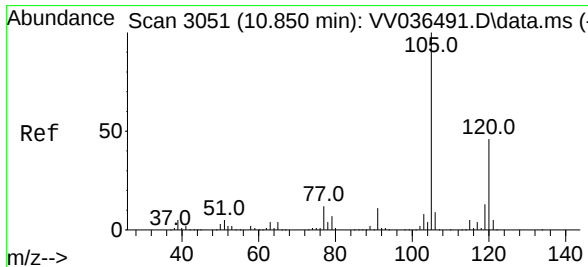
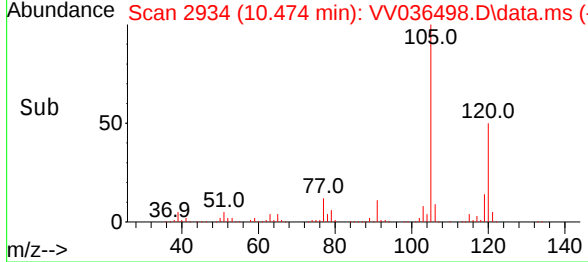
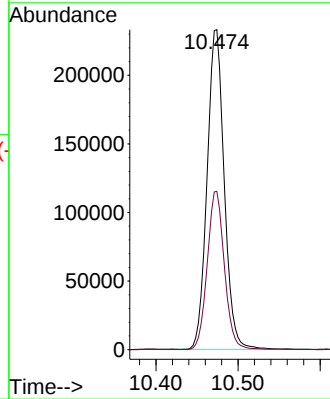
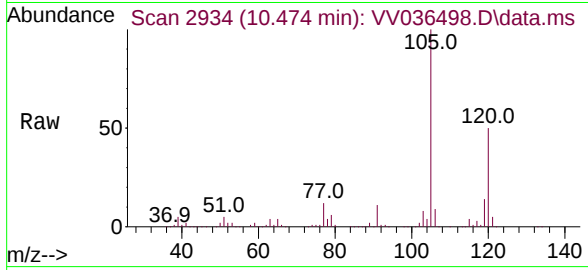




#62
 1,3,5-Trimethylbenzene
 Concen: 26.666 ug/L
 RT: 10.474 min Scan# 2934
 Delta R.T. 0.000 min
 Lab File: VV036498.D
 Acq: 12 Jul 2024 10:12

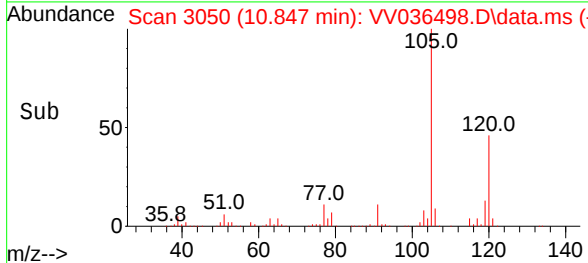
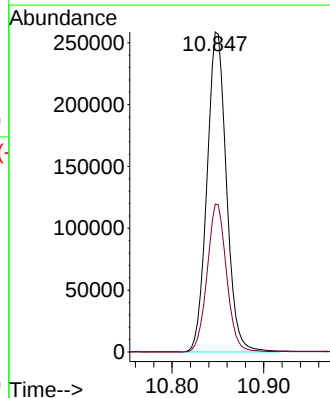
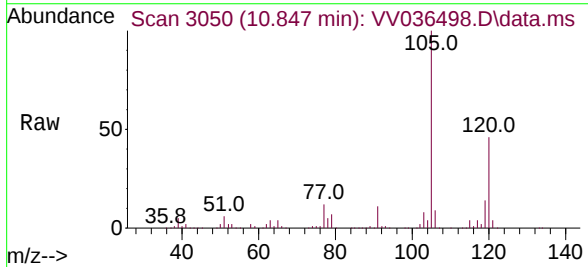
Instrument :
 MSVOA_V
 ClientSampleId :

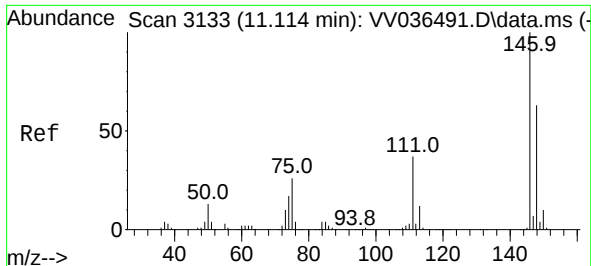
Tgt Ion:105 Resp: 338273
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 27.671 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. -0.003 min
 Lab File: VV036498.D
 Acq: 12 Jul 2024 10:12

Tgt Ion:105 Resp: 381950
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.0 55.4





#64

1,3-Dichlorobenzene

Concen: 25.897 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

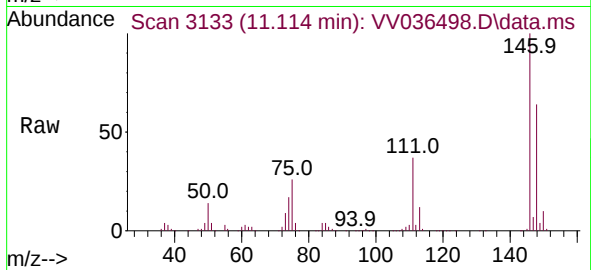
Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :



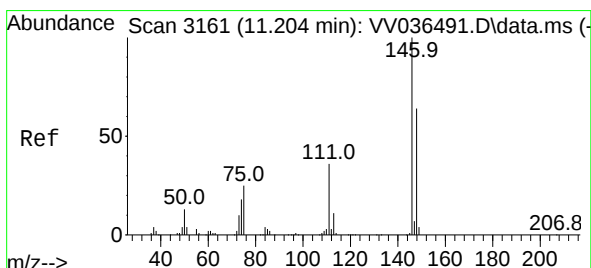
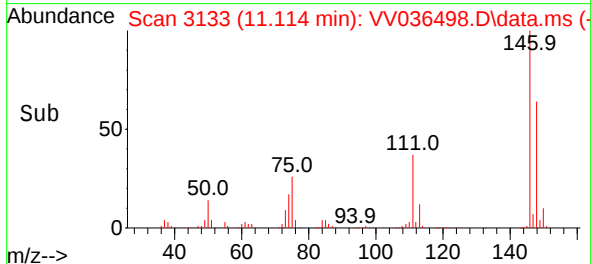
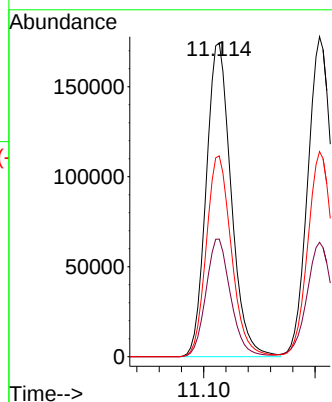
Tgt Ion:146 Resp: 271195

Ion Ratio Lower Upper

146 100

111 37.5 25.8 47.8

148 64.0 44.4 82.4



#65

1,4-Dichlorobenzene

Concen: 25.234 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

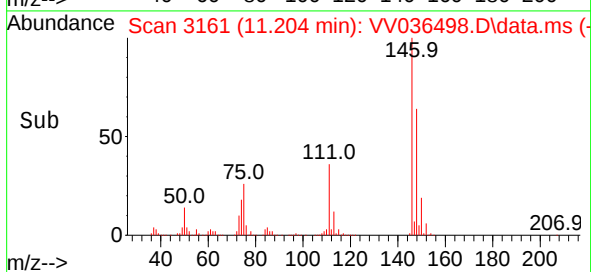
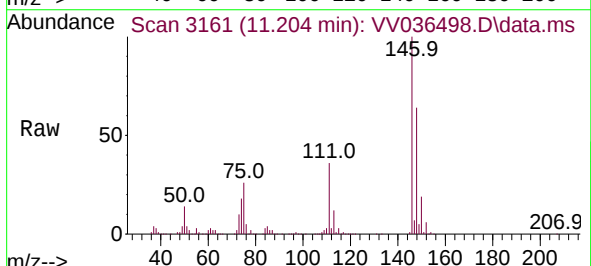
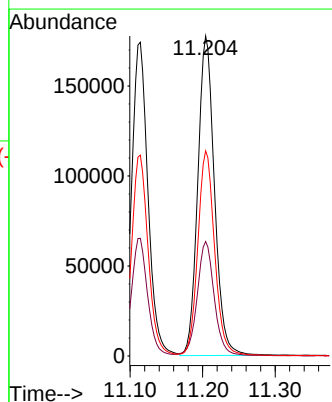
Tgt Ion:146 Resp: 283746

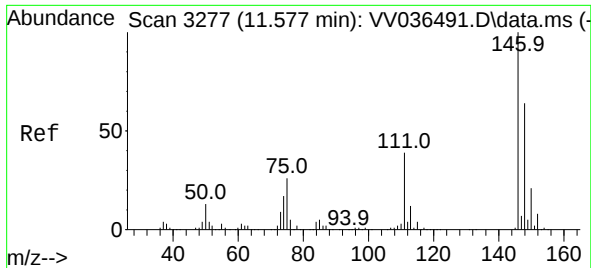
Ion Ratio Lower Upper

146 100

111 35.8 25.2 46.8

148 64.1 45.2 84.0





#67

1,2-Dichlorobenzene

Concen: 25.359 ug/L

RT: 11.574 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :

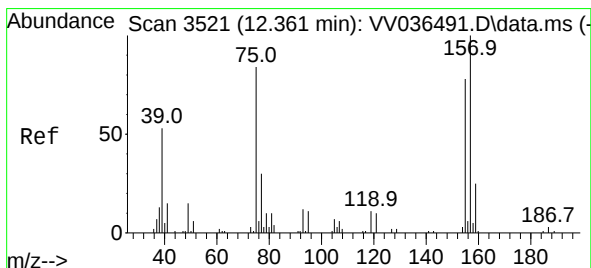
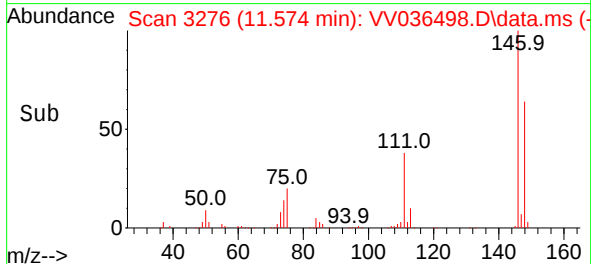
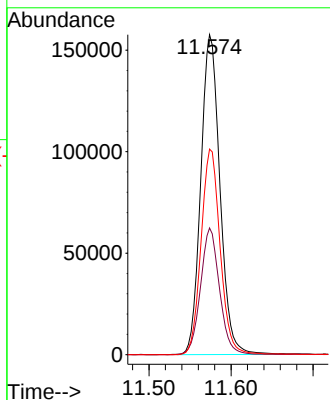
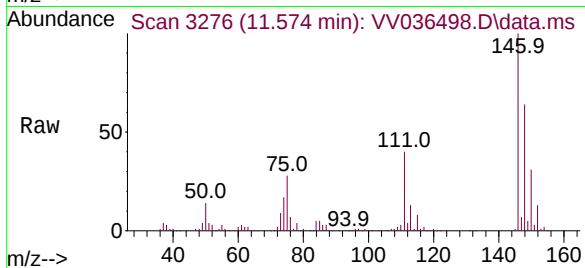
Tgt Ion:146 Resp: 255189

Ion Ratio Lower Upper

146 100

111 39.6 30.8 46.2

148 64.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 23.359 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

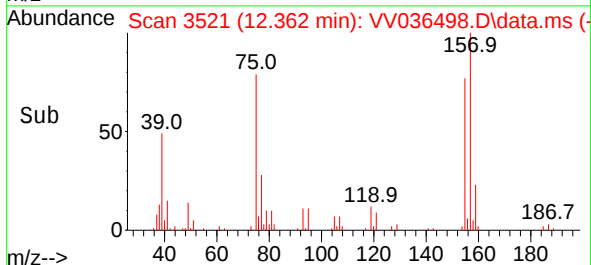
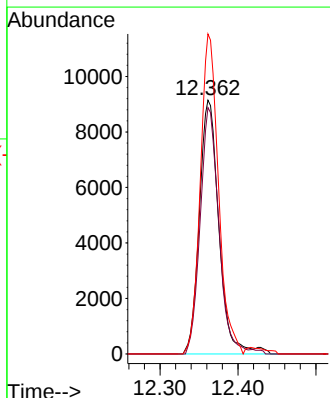
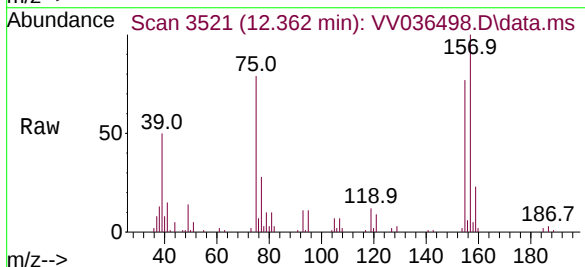
Tgt Ion: 75 Resp: 15944

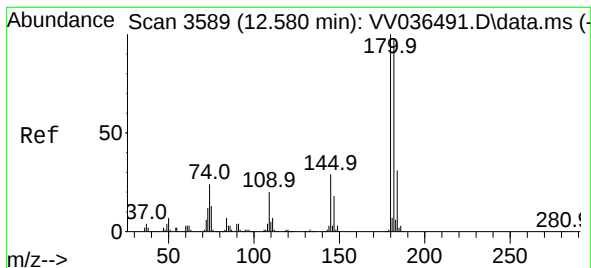
Ion Ratio Lower Upper

75 100

155 97.1 74.6 111.8

157 126.1 95.0 142.4





#69

1,3,5-Trichlorobenzene

Concen: 24.907 ug/L

RT: 12.577 min Scan# 3589

Delta R.T. -0.003 min

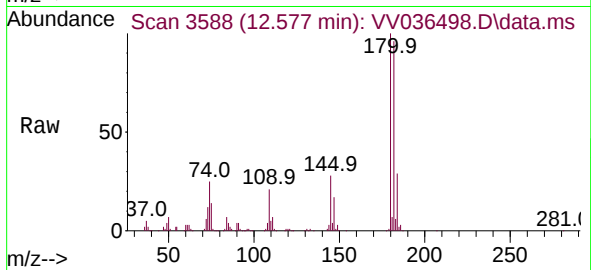
Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 201957

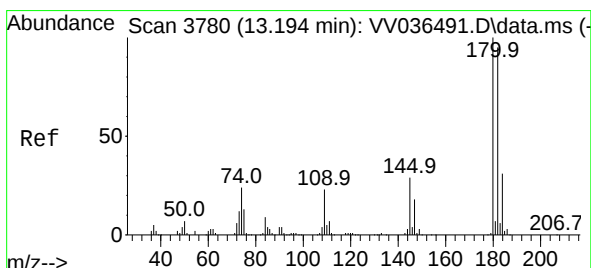
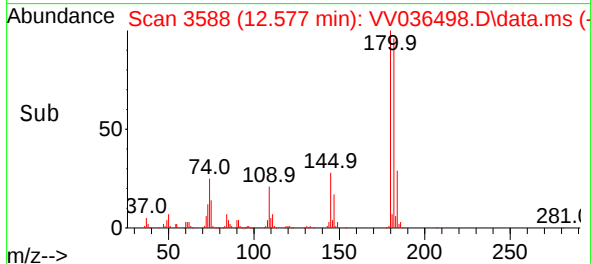
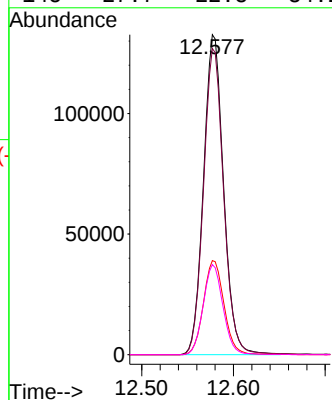
Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.0

184 30.1 24.4 36.6

145 27.7 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 23.852 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.000 min

Lab File: VV036498.D

Acq: 12 Jul 2024 10:12

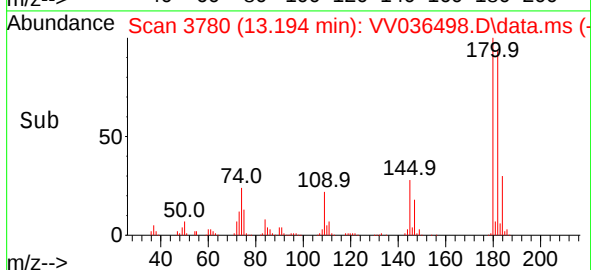
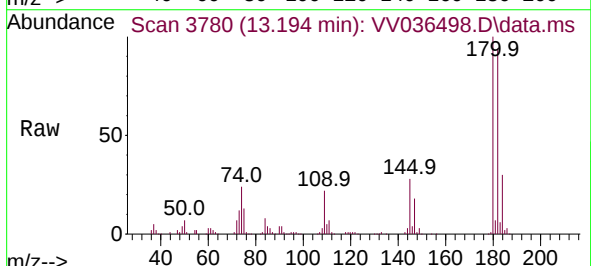
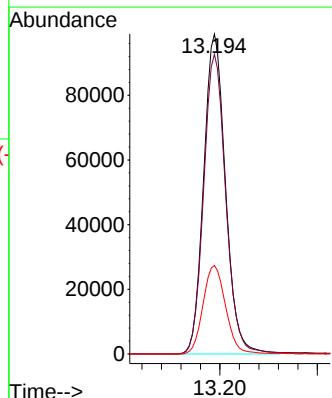
Tgt Ion:180 Resp: 153816

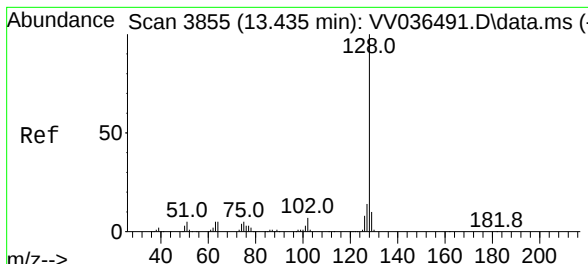
Ion Ratio Lower Upper

180 100

182 94.9 76.7 115.1

145 28.6 23.0 34.6

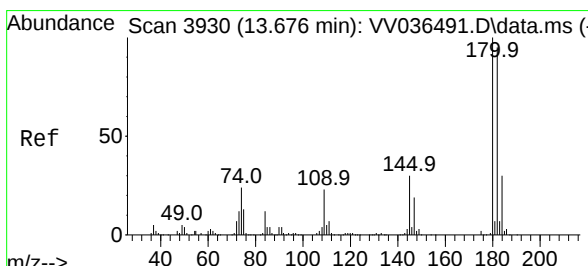
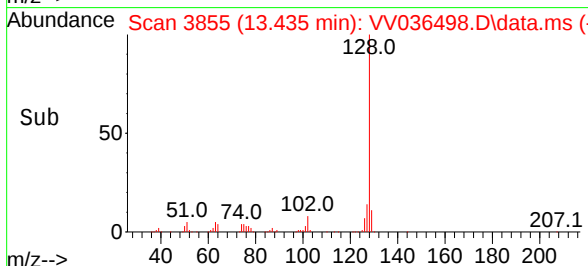
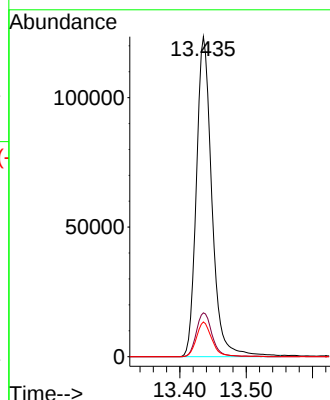
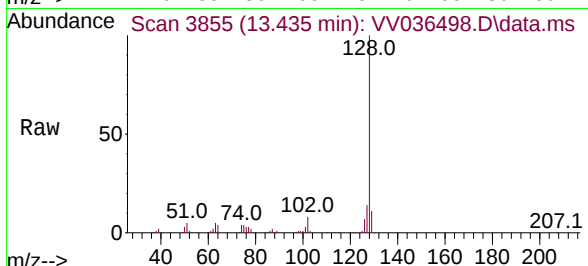




#71
Naphthalene
Concen: 20.713 ug/L
RT: 13.435 min Scan# 3855
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	200615
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.8	16.2
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.090 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV036498.D
Acq: 12 Jul 2024 10:12

Tgt Ion:	180	Resp:	146976
Ion Ratio	Lower	Upper	
180	100		
182	96.8	76.6	114.8
145	30.5	24.4	36.6

