

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034018.D
 Acq On : 07 Feb 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 08 04:37:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	90674	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	83024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	43348	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	26916	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.535	69	24971	4.060	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.059	65	14028	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.809	46	37508	31.802	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.600%
24) Chloroform-d	4.249	84	57211	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.944	65	26013	4.362	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
32) Benzene-d6	4.960	84	104808	4.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	5.989	67	28523	4.096	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.243	98	96753	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.554	79	10647	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.027	63	39177	41.741	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.480%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18447	4.370	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	33319	4.226	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	40210	4.839	ug/L	100
3) Chloromethane	1.217	50	42773	4.719	ug/L	98
5) Vinyl chloride	1.285	62	40512	4.678	ug/L	90
6) Bromomethane	1.490	94	21260	4.661	ug/L	100
8) Chloroethane	1.551	64	24708	4.182	ug/L	95
9) Trichlorofluoromethane	1.715	101	63535	5.090	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	33445	5.126	ug/L	99
12) 1,1-Dichloroethene	2.069	96	31201	4.926	ug/L	100
13) Acetone	2.137	43	30003	33.532	ug/L #	57
14) Carbon disulfide	2.243	76	89537	4.369	ug/L	100
15) Methyl Acetate	2.384	43	7513	3.548	ug/L	96
16) Methylene chloride	2.449	84	28620	4.709	ug/L	95
17) Methyl tert-butyl Ether	2.703	73	62281	4.785	ug/L	97
18) trans-1,2-Dichloroethene	2.696	96	30400	4.712	ug/L	97
19) 1,1-Dichloroethane	3.111	63	57752	4.871	ug/L	98
21) 2-Butanone	3.892	43	37614	31.811	ug/L #	55
22) cis-1,2-Dichloroethene	3.815	96	33164	4.531	ug/L	99
23) Bromochloromethane	4.149	128	12931	5.081	ug/L	94
25) Chloroform	4.275	83	58968	4.921	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020724\
 Data File : VW034018.D
 Acq On : 07 Feb 2024 09:30
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

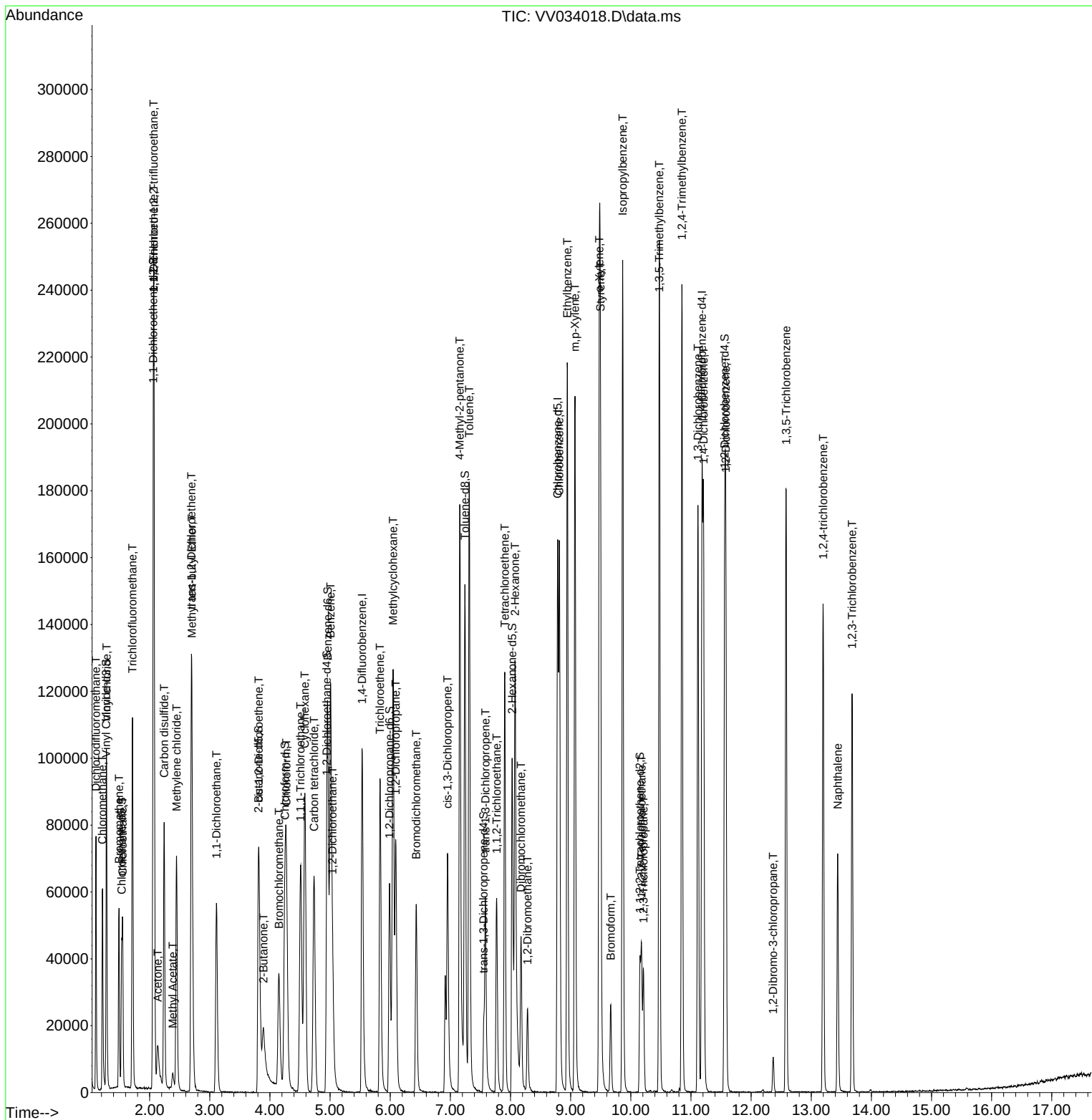
Instrument :
 MSVOA_V
 ClientSampleId :

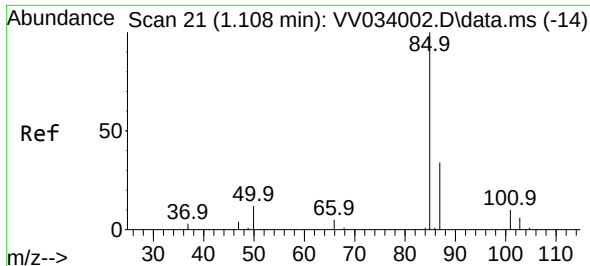
Quant Time: Feb 08 04:37:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	33970	4.950	ug/L	97
29) 1,1,1-Trichloroethane	4.510	97	57361	5.146	ug/L	99
30) Cyclohexane	4.580	56	51216	4.725	ug/L	99
31) Carbon tetrachloride	4.735	117	49956	5.122	ug/L	98
33) Benzene	5.008	78	121871	4.894	ug/L	100
34) Trichloroethene	5.831	95	33298	4.620	ug/L	95
35) Methylcyclohexane	6.050	83	53724	4.749	ug/L	97
37) 1,2-Dichloropropane	6.091	63	28077	4.655	ug/L	99
38) Bromodichloromethane	6.432	83	37885	4.785	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	44164	4.812	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	135624	46.953	ug/L	98
42) Toluene	7.313	91	131609	4.945	ug/L	98
44) trans-1,3-Dichloropropene	7.583	75	34740	4.930	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	18490	4.964	ug/L	95
47) Tetrachloroethene	7.905	164	27159	4.638	ug/L	96
48) 2-Hexanone	8.075	43	97223	47.751	ug/L	99
49) Dibromochloromethane	8.175	129	22029	4.977	ug/L	98
50) 1,2-Dibromoethane	8.284	107	16311	4.879	ug/L	95
51) Chlorobenzene	8.812	112	84007	4.992	ug/L	100
52) Ethylbenzene	8.943	91	151651	4.950	ug/L	100
53) m,p-Xylene	9.072	106	57127	4.935	ug/L	98
54) o-Xylene	9.477	106	55242	4.949	ug/L	99
55) Styrene	9.496	104	90326	5.054	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	19636	4.995	ug/L	97
59) Bromoform	9.667	173	11417	4.781	ug/L	98
60) Isopropylbenzene	9.866	105	156640	4.884	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	14614	4.904	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	131583	4.853	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	128063	4.861	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	68889	4.926	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	66492	4.801	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	59363	4.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	2871	4.597	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	54026	4.992	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	42546	5.036	ug/L	98
71) Naphthalene	13.442	128	56250	5.081	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	35083	5.182	ug/L	100

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

Quant Time: Feb 08 04:37:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Feb 07 00:49:42 2024
Response via : Initial Calibration

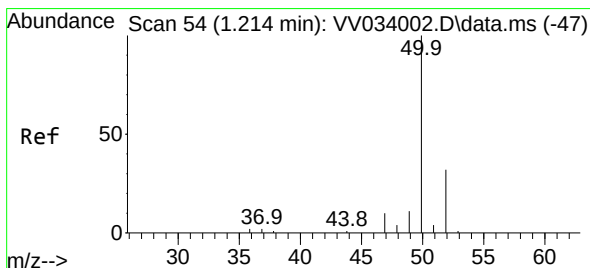
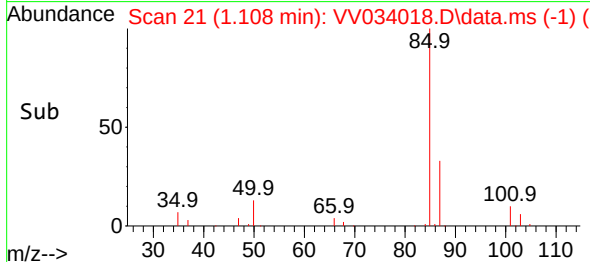
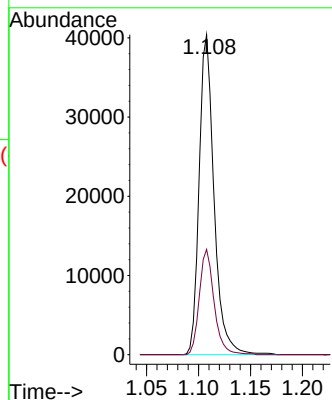
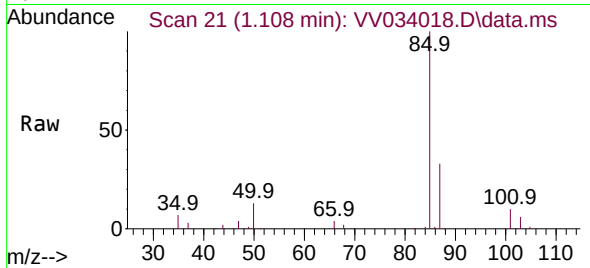




#2
Dichlorodifluoromethane
Concen: 4.839 ug/L
RT: 1.108 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

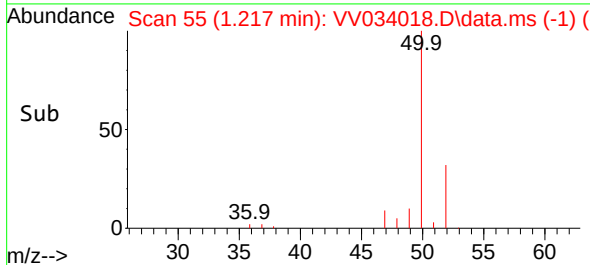
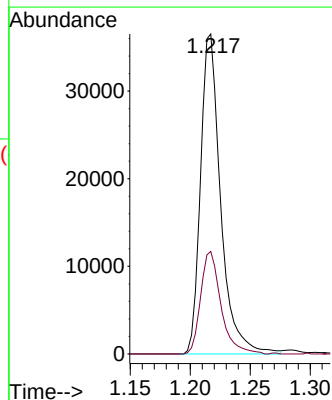
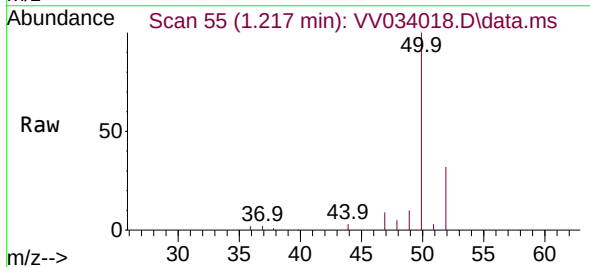
Instrument :
MSVOA_V
ClientSampleId :

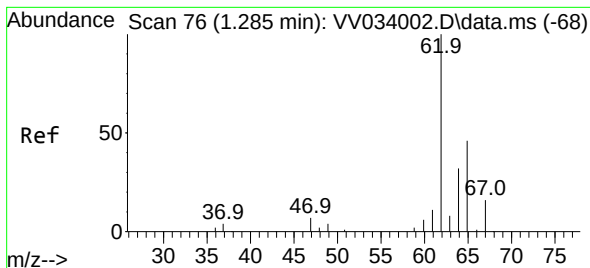
Tgt Ion: 85 Resp: 40210
Ion Ratio Lower Upper
85 100
87 32.7 26.2 39.4



#3
Chloromethane
Concen: 4.719 ug/L
RT: 1.217 min Scan# 55
Delta R.T. 0.003 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 50 Resp: 42773
Ion Ratio Lower Upper
50 100
52 32.0 23.4 43.4





#5

Vinyl chloride

Concen: 4.678 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

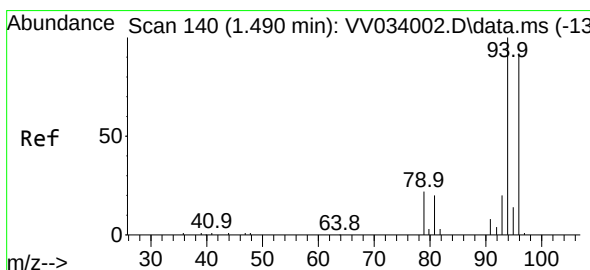
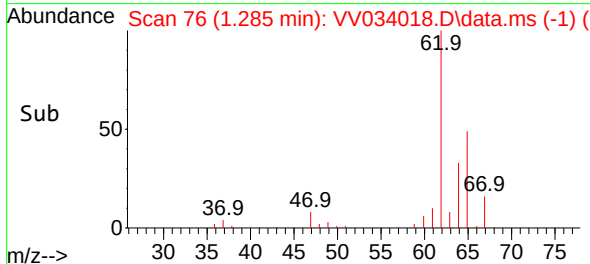
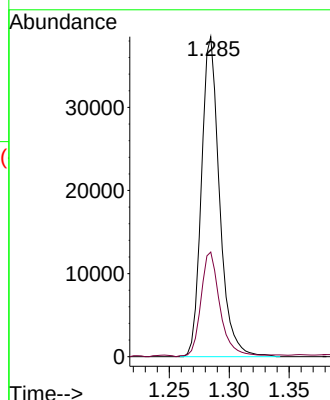
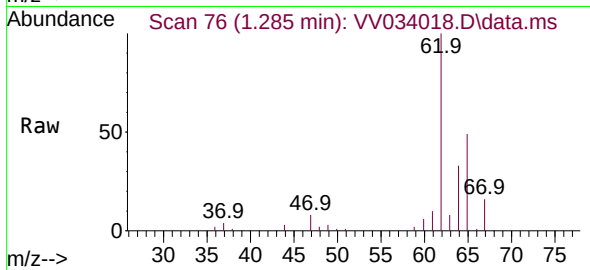
ClientSampleId :

Tgt Ion: 62 Resp: 40512

Ion Ratio Lower Upper

62 100

64 32.7 27.2 50.4



#6

Bromomethane

Concen: 4.661 ug/L

RT: 1.490 min Scan# 140

Delta R.T. 0.000 min

Lab File: VV034018.D

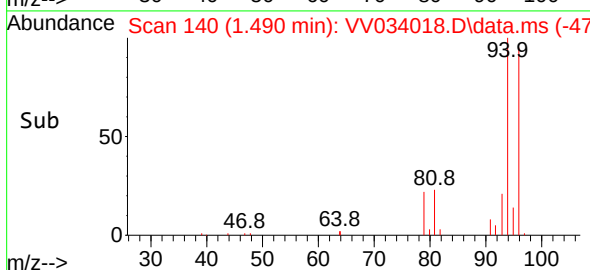
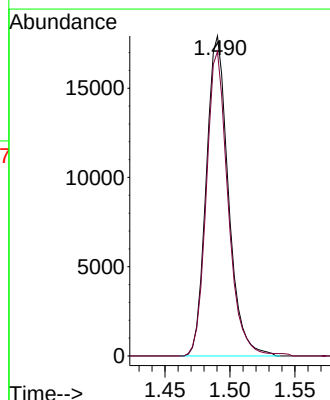
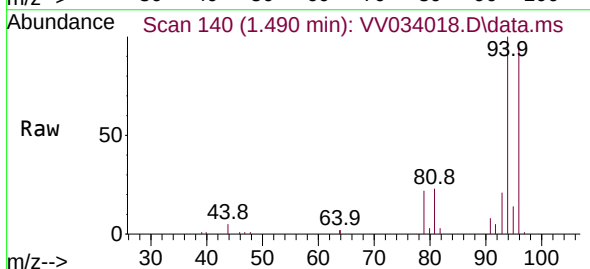
Acq: 07 Feb 2024 09:30

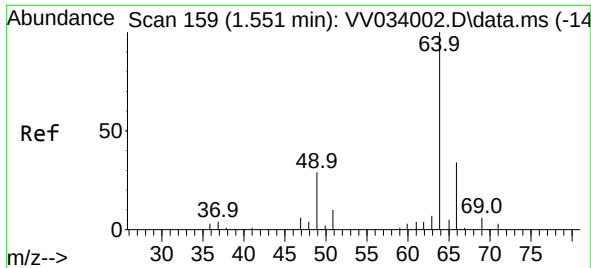
Tgt Ion: 94 Resp: 21260

Ion Ratio Lower Upper

94 100

96 95.1 66.6 123.8





#8

Chloroethane

Concen: 4.182 ug/L

RT: 1.551 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

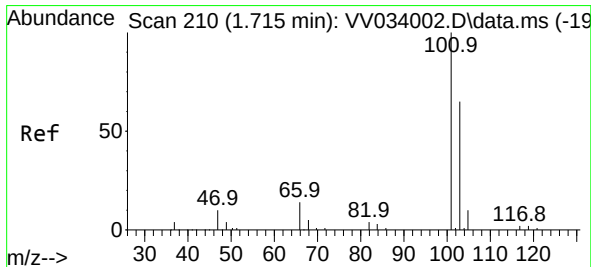
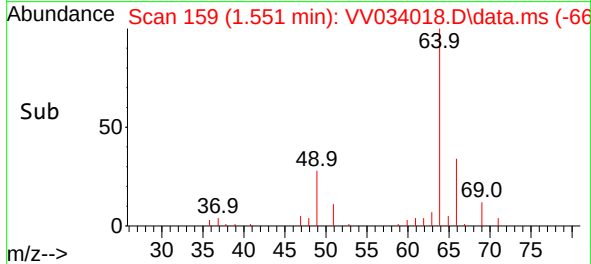
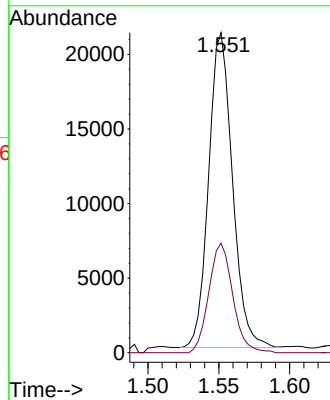
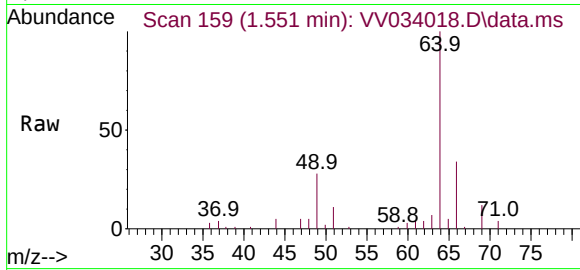
ClientSampleId :

Tgt Ion: 64 Resp: 24708

Ion Ratio Lower Upper

64 100

66 34.2 22.0 41.0



#9

Trichlorofluoromethane

Concen: 5.090 ug/L

RT: 1.715 min Scan# 210

Delta R.T. 0.000 min

Lab File: VV034018.D

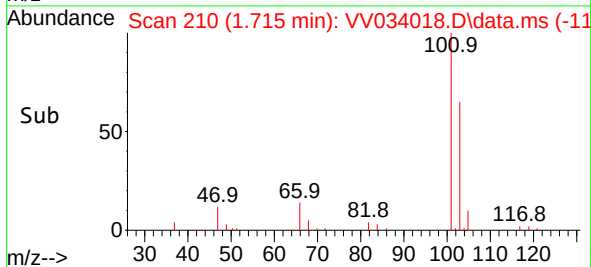
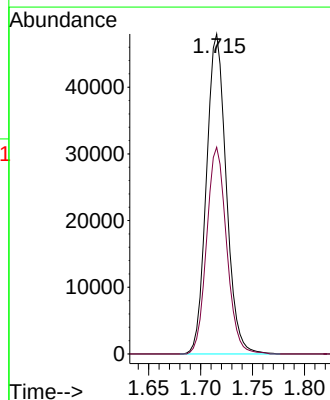
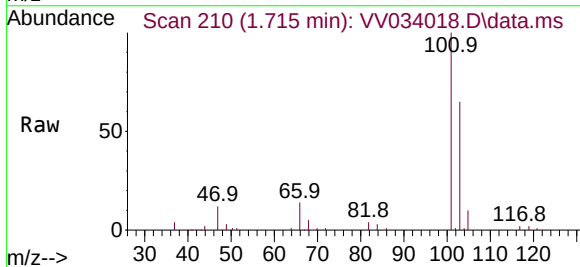
Acq: 07 Feb 2024 09:30

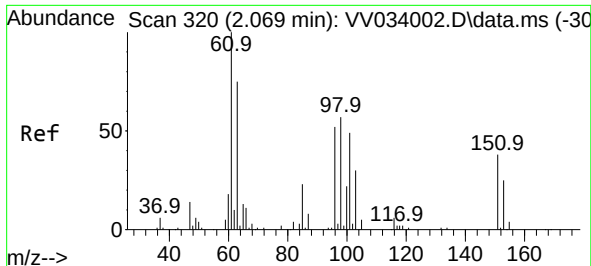
Tgt Ion:101 Resp: 63535

Ion Ratio Lower Upper

101 100

103 65.1 51.0 76.4

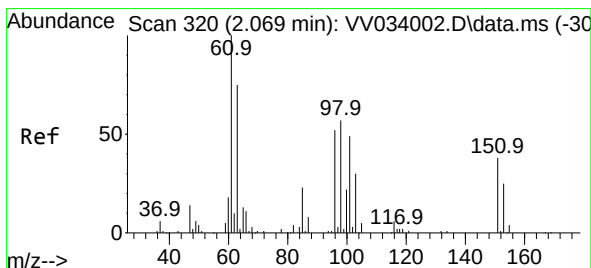
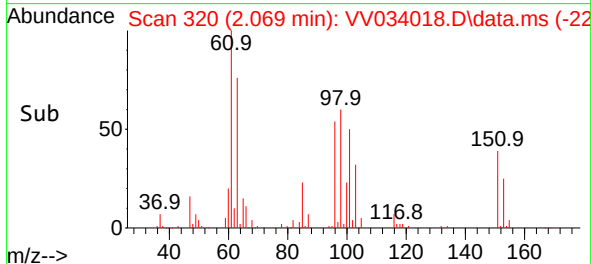
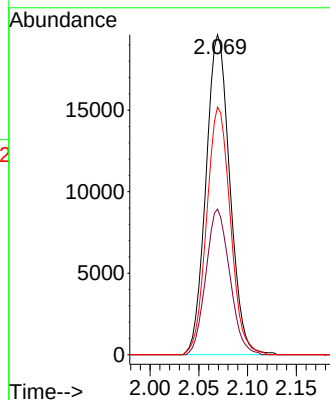
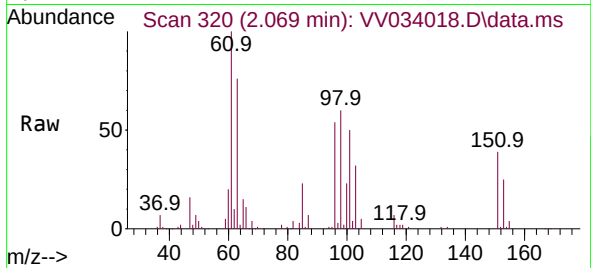




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.126 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034018.D
 Acq: 07 Feb 2024 09:30

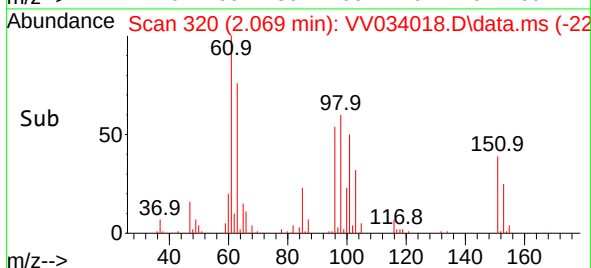
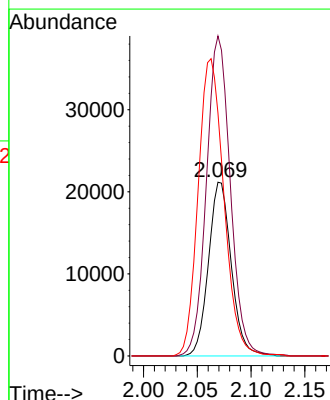
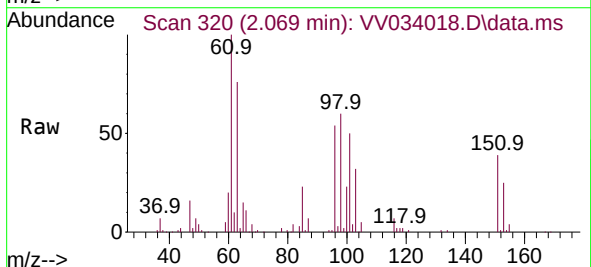
Instrument :
 MSVOA_V
 ClientSampleId :

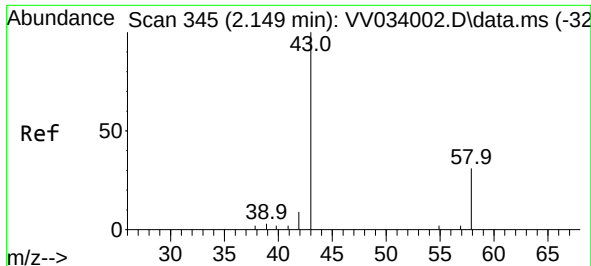
Tgt Ion:101 Resp: 33445
 Ion Ratio Lower Upper
 101 100
 85 45.4 37.1 55.7
 151 77.0 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 4.926 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034018.D
 Acq: 07 Feb 2024 09:30

Tgt Ion: 96 Resp: 31201
 Ion Ratio Lower Upper
 96 100
 61 184.1 128.8 239.2
 63 139.7 97.9 181.9





#13

Acetone

Concen: 33.532 ug/L

RT: 2.137 min Scan# 34

Delta R.T. -0.012 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

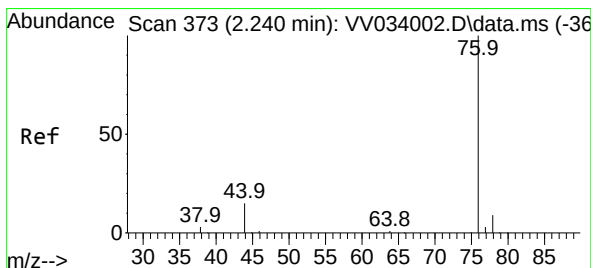
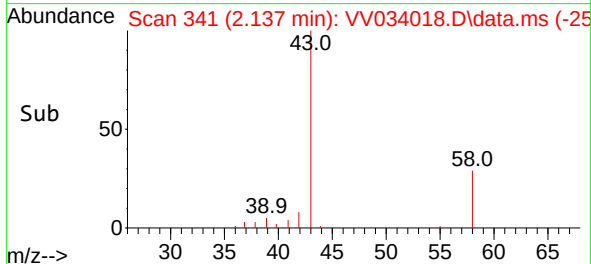
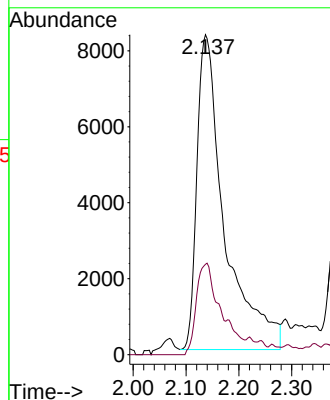
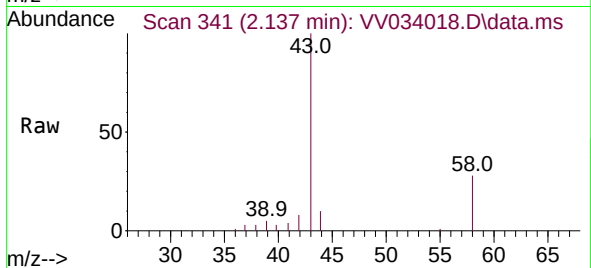
ClientSampleId :

Tgt Ion: 43 Resp: 30003

Ion Ratio Lower Upper

43 100

58 21.7 0.0 13.8#



#14

Carbon disulfide

Concen: 4.369 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV034018.D

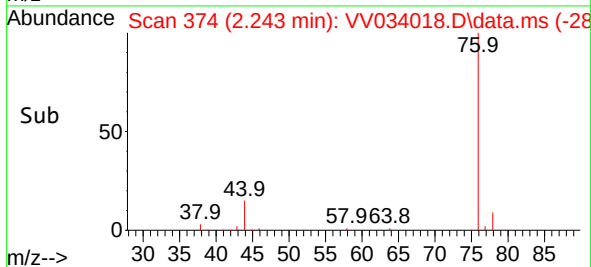
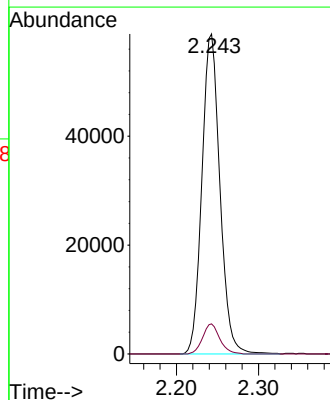
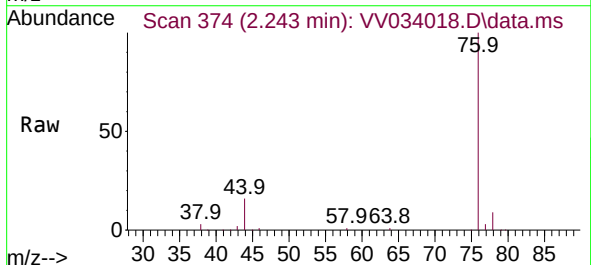
Acq: 07 Feb 2024 09:30

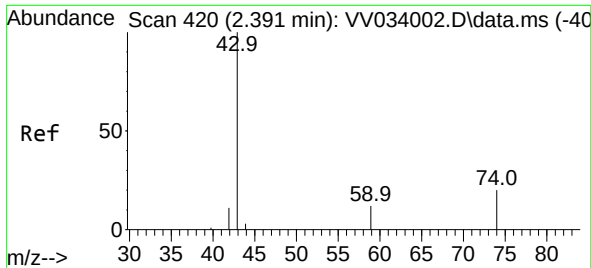
Tgt Ion: 76 Resp: 89537

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

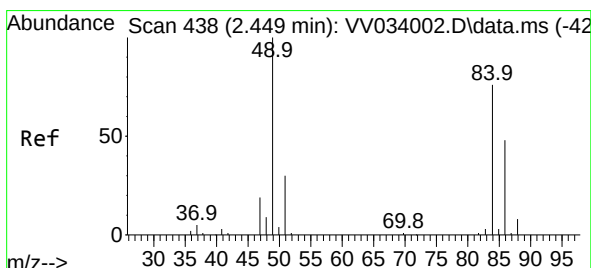
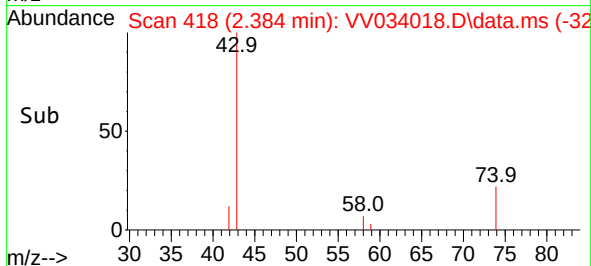
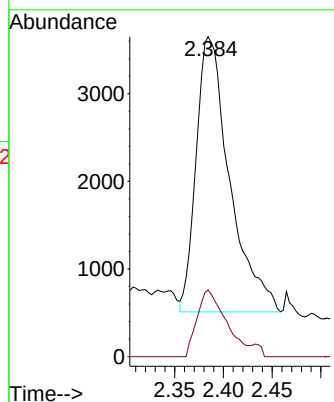
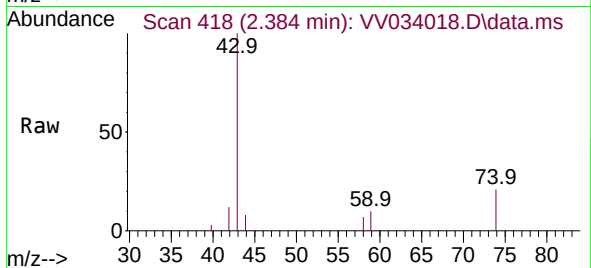




#15
Methyl Acetate
Concen: 3.548 ug/L
RT: 2.384 min Scan# 418
Delta R.T. -0.007 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

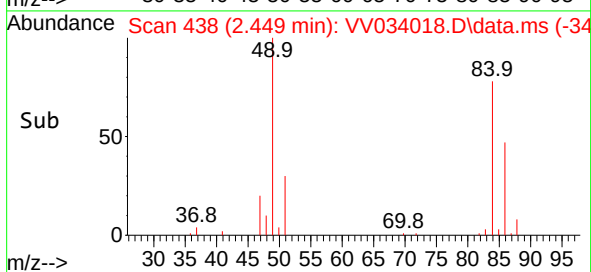
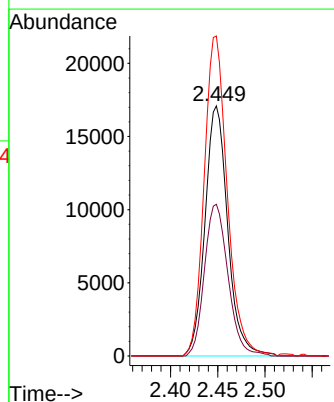
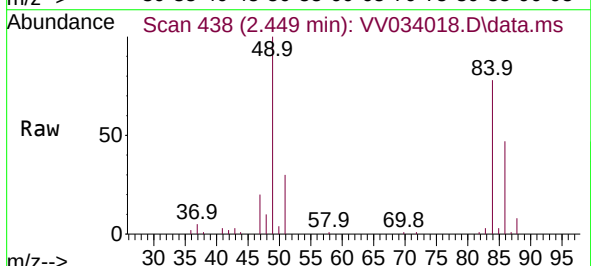
Instrument :
MSVOA_V
ClientSampleId :

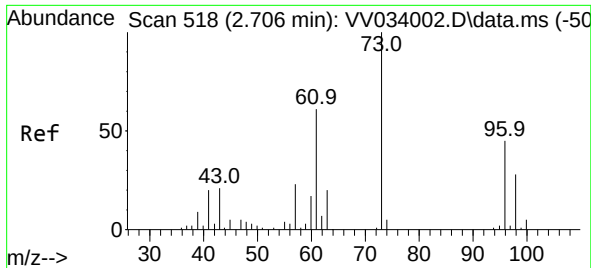
Tgt Ion: 43 Resp: 7513
Ion Ratio Lower Upper
43 100
74 20.9 18.2 27.4



#16
Methylene chloride
Concen: 4.709 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 84 Resp: 28620
Ion Ratio Lower Upper
84 100
86 60.6 44.7 83.1
49 128.0 93.7 173.9

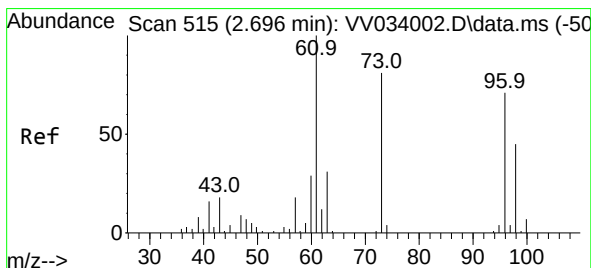
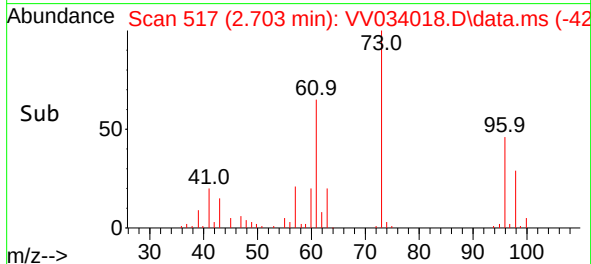
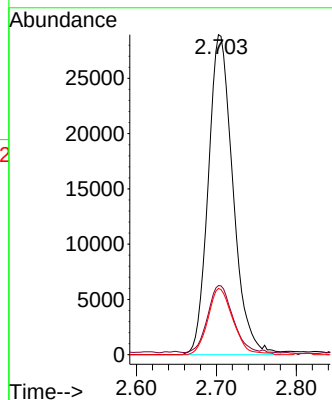
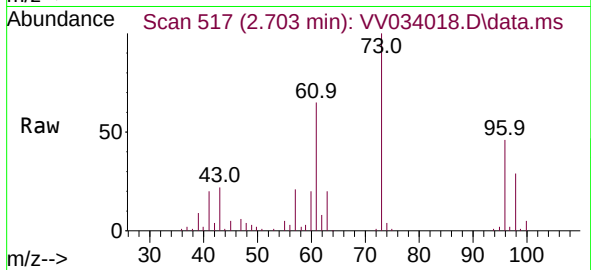




#17
Methyl tert-butyl Ether
Concen: 4.785 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

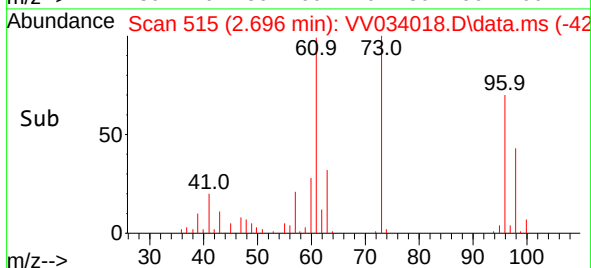
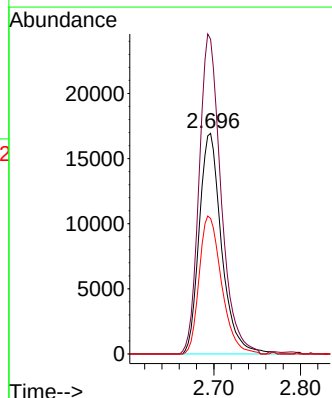
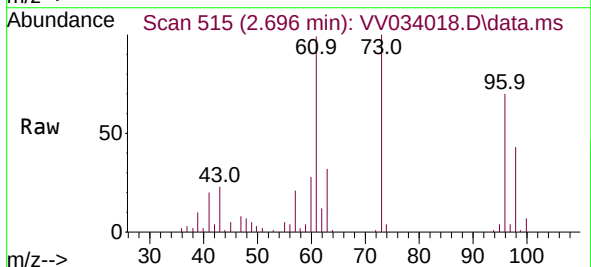
Instrument :
MSVOA_V
ClientSampleId :

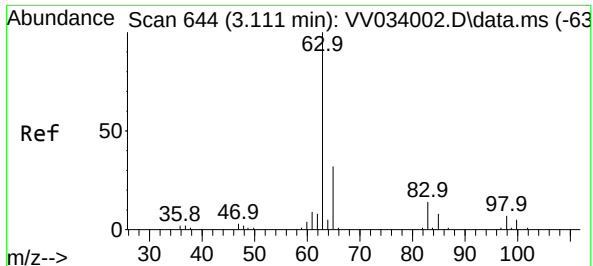
Tgt Ion: 73 Resp: 62281
Ion Ratio Lower Upper
73 100
43 21.2 17.7 26.5
57 20.9 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 4.712 ug/L
RT: 2.696 min Scan# 515
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 96 Resp: 30400
Ion Ratio Lower Upper
96 100
61 142.6 97.6 181.4
98 61.4 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.871 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV034018.D

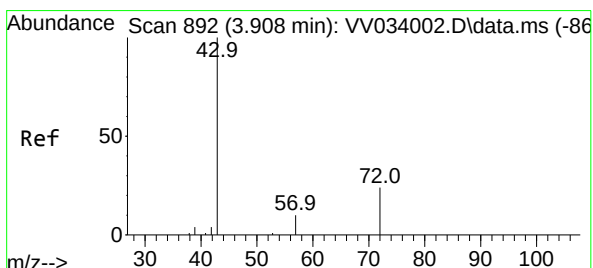
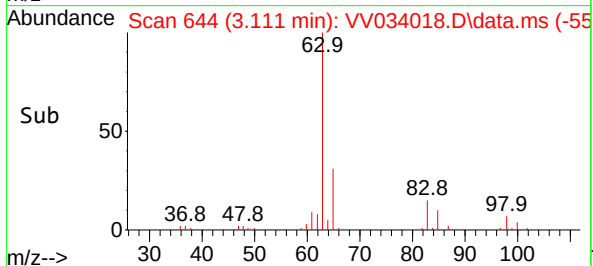
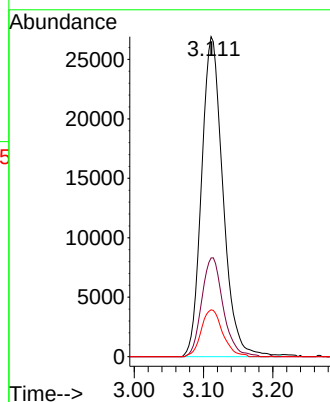
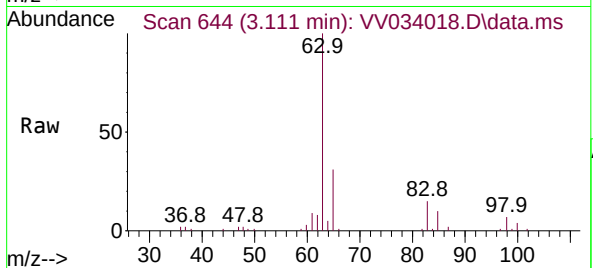
Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	57752
Ion	Ratio	Lower	Upper
63	100		
65	30.9	20.8	38.6
83	14.6	9.4	17.4



#21

2-Butanone

Concen: 31.811 ug/L

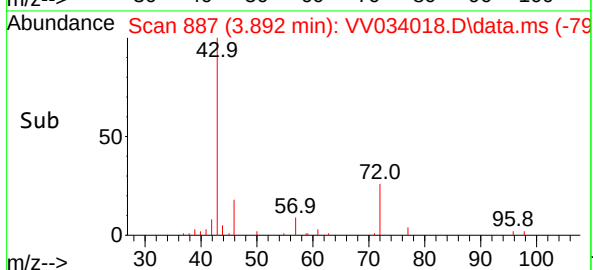
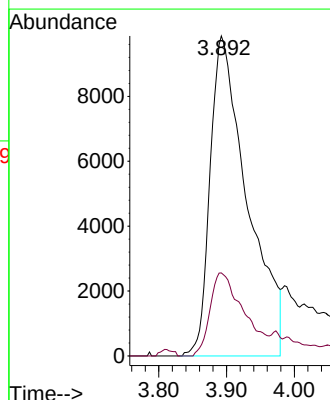
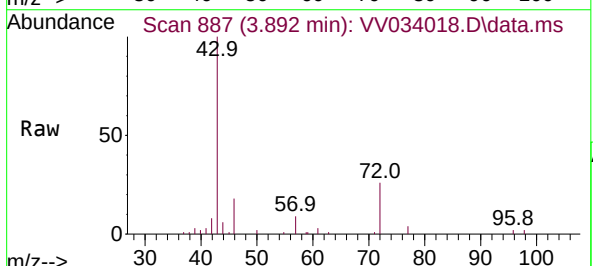
RT: 3.892 min Scan# 887

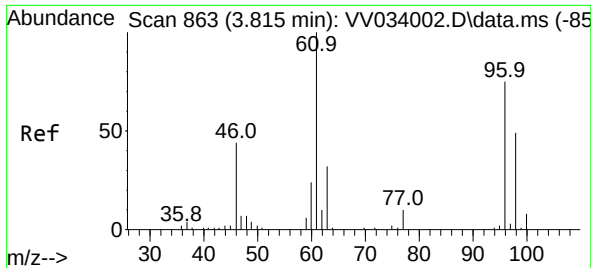
Delta R.T. -0.016 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

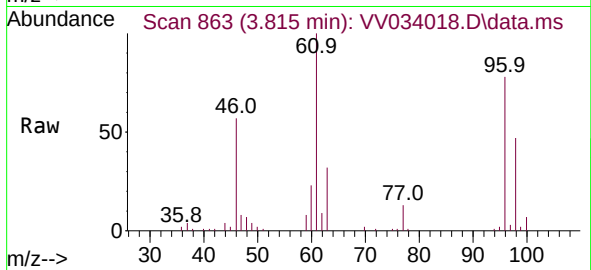
Tgt Ion:	43	Resp:	37614
Ion	Ratio	Lower	Upper
43	100		
72	23.8	4.0	11.9





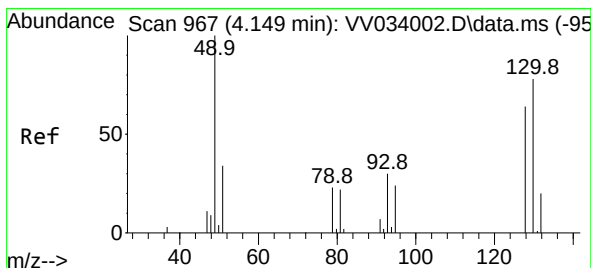
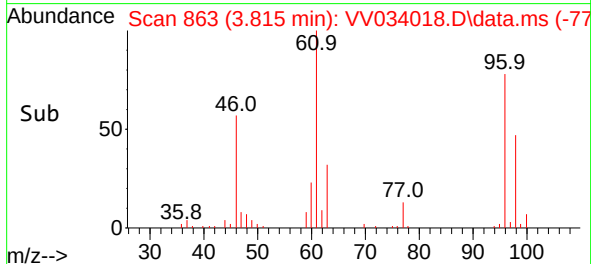
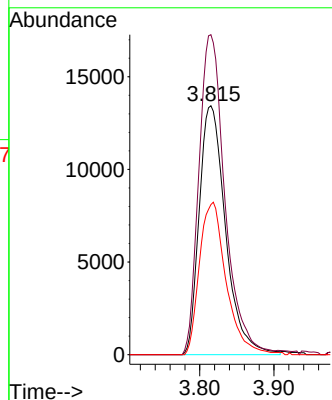
#22
 cis-1,2-Dichloroethene
 Concen: 4.531 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV034018.D
 Acq: 07 Feb 2024 09:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 33164

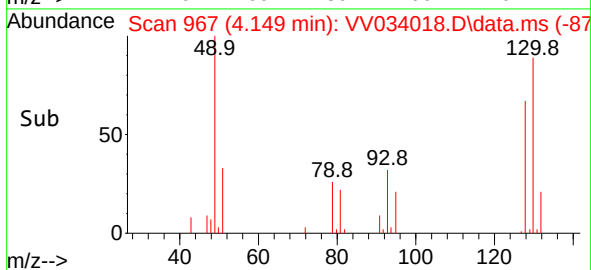
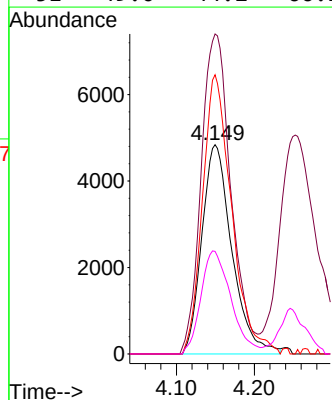
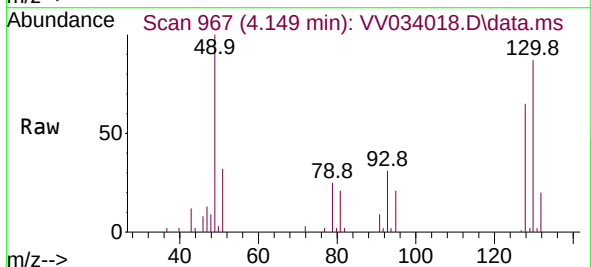
Ion	Ratio	Lower	Upper
96	100		
61	128.6	90.3	167.7
98	60.3	43.2	80.2

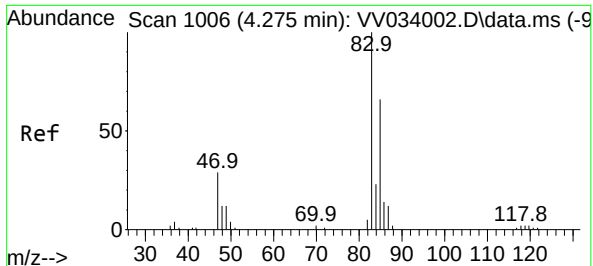


#23
 Bromochloromethane
 Concen: 5.081 ug/L
 RT: 4.149 min Scan# 967
 Delta R.T. 0.000 min
 Lab File: VV034018.D
 Acq: 07 Feb 2024 09:30

Tgt Ion: 128 Resp: 12931

Ion	Ratio	Lower	Upper
128	100		
49	158.0	120.5	223.7
130	133.4	93.4	173.4
51	49.0	44.2	66.2





#25

Chloroform

Concen: 4.921 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

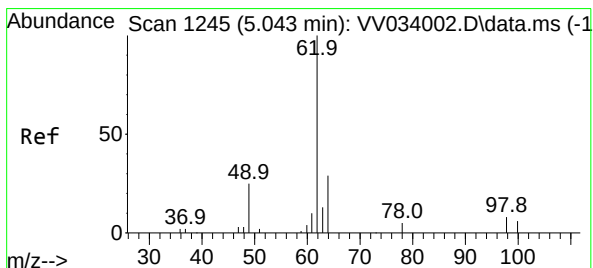
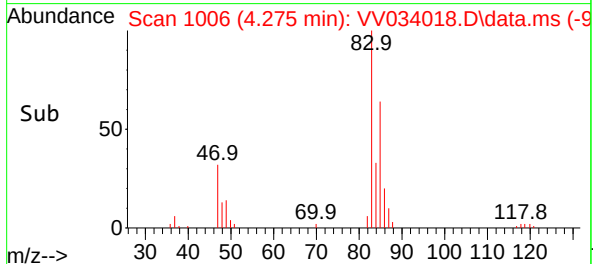
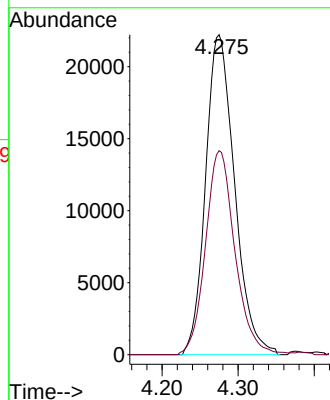
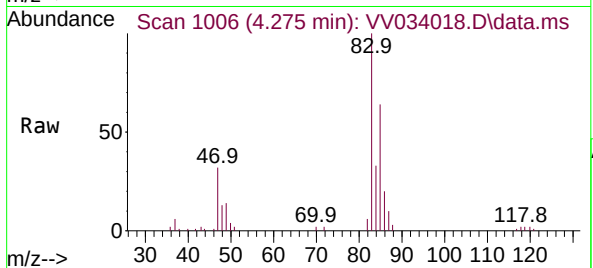
ClientSampleId :

Tgt Ion: 83 Resp: 58968

Ion Ratio Lower Upper

83 100

85 63.8 47.5 88.1



#27

1,2-Dichloroethane

Concen: 4.950 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.003 min

Lab File: VV034018.D

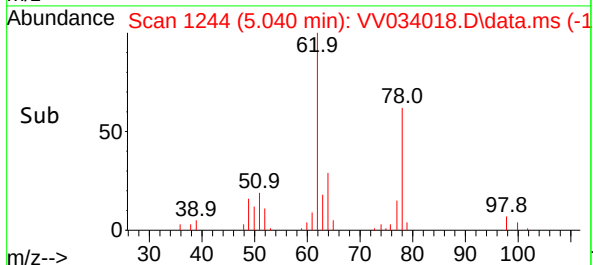
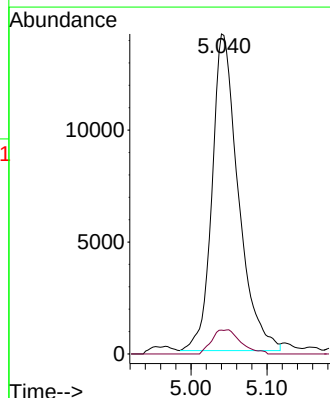
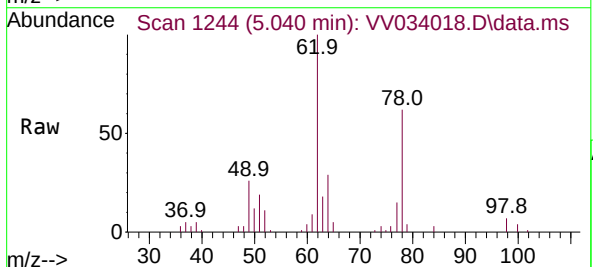
Acq: 07 Feb 2024 09:30

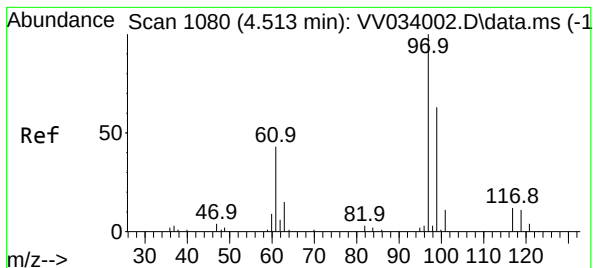
Tgt Ion: 62 Resp: 33970

Ion Ratio Lower Upper

62 100

98 7.4 6.9 10.3





#29

1,1,1-Trichloroethane

Concen: 5.146 ug/L

RT: 4.510 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

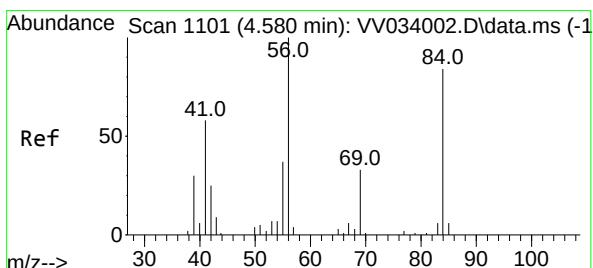
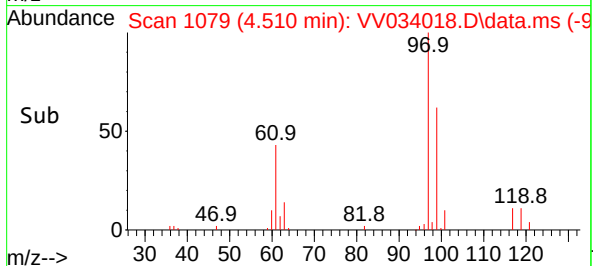
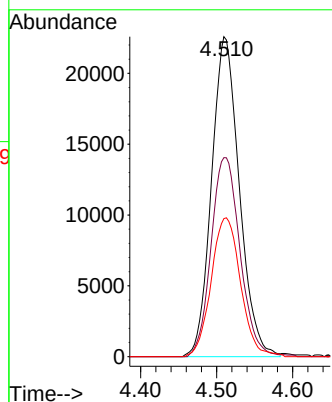
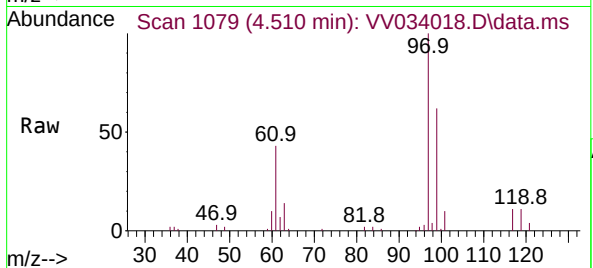
Tgt Ion: 97 Resp: 57361

Ion Ratio Lower Upper

97 100

99 65.0 50.6 75.8

61 45.9 36.8 55.2



#30

Cyclohexane

Concen: 4.725 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

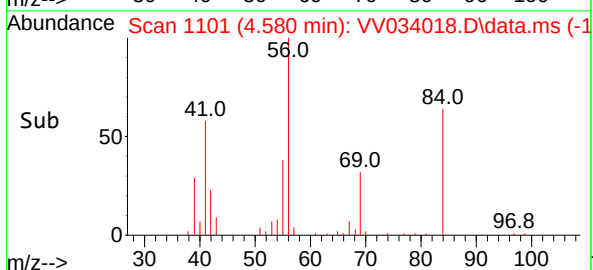
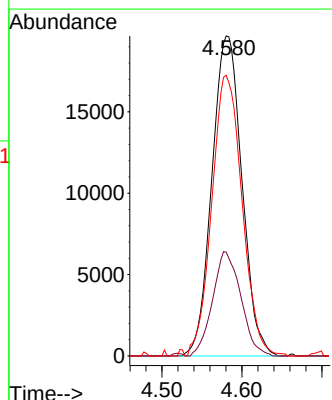
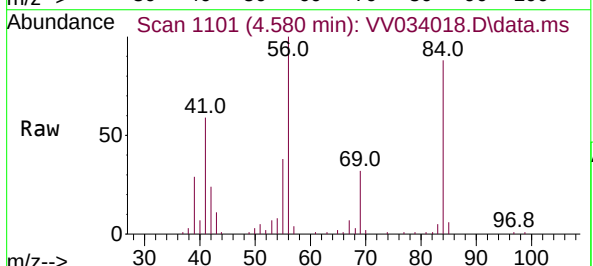
Tgt Ion: 56 Resp: 51216

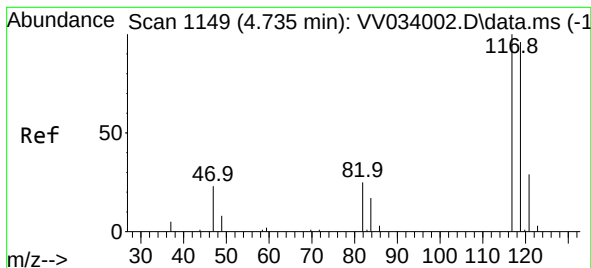
Ion Ratio Lower Upper

56 100

69 30.7 24.2 36.2

84 88.5 70.0 105.0





#31

Carbon tetrachloride

Concen: 5.122 ug/L

RT: 4.735 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

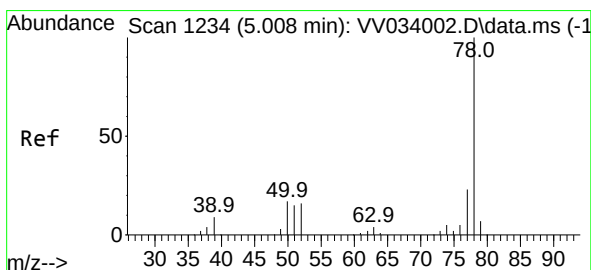
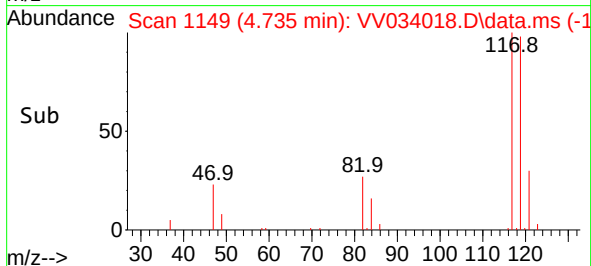
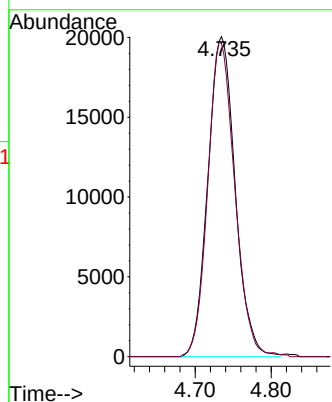
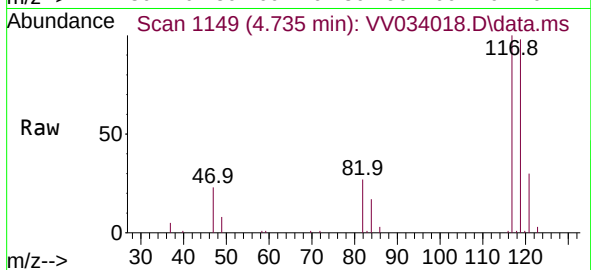
ClientSampleId :

Tgt Ion:117 Resp: 49956

Ion Ratio Lower Upper

117 100

119 97.3 76.1 114.1



#33

Benzene

Concen: 4.894 ug/L

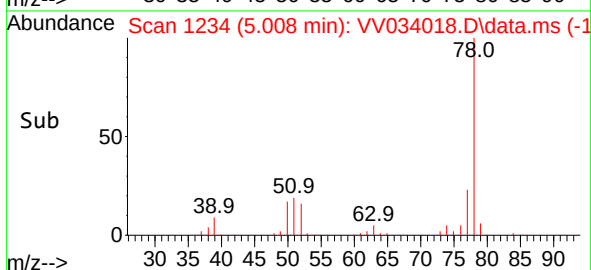
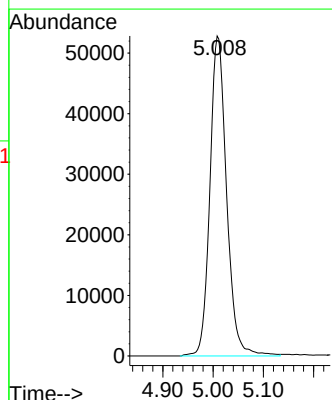
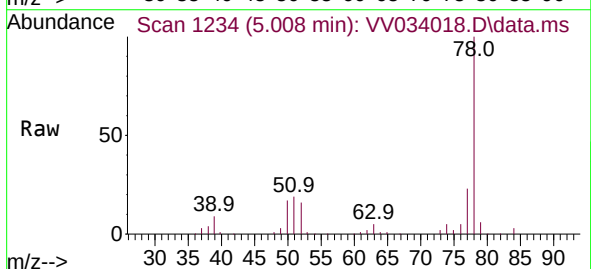
RT: 5.008 min Scan# 1234

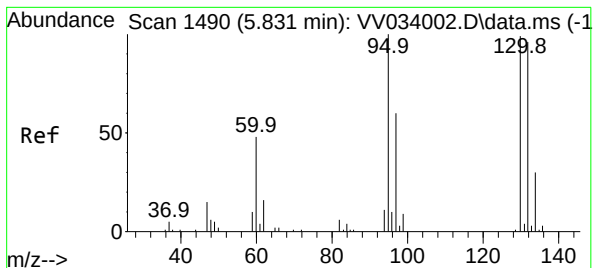
Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Tgt Ion: 78 Resp: 121871





#34

Trichloroethene

Concen: 4.620 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 33298

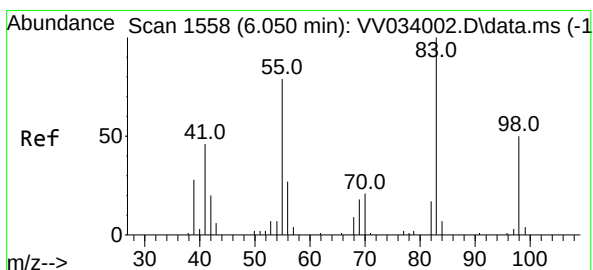
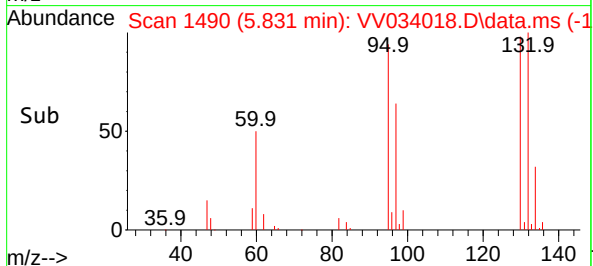
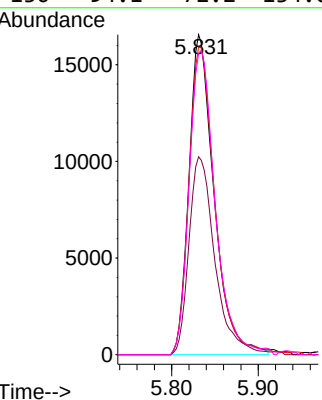
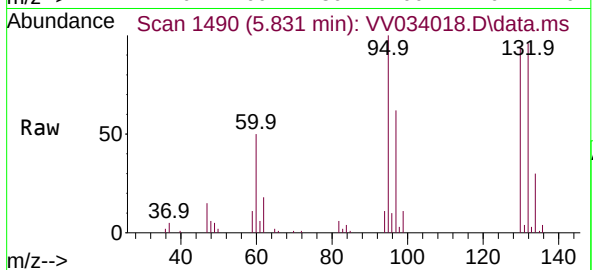
Ion Ratio Lower Upper

95 100

97 61.9 45.1 83.7

132 96.1 66.0 122.6

130 94.1 72.2 134.0



#35

Methylcyclohexane

Concen: 4.749 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

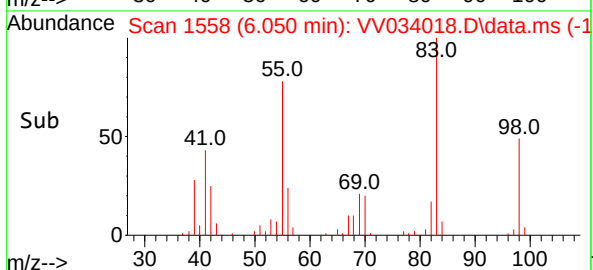
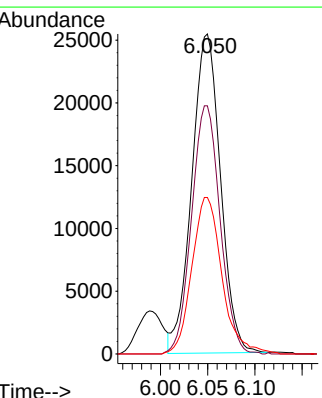
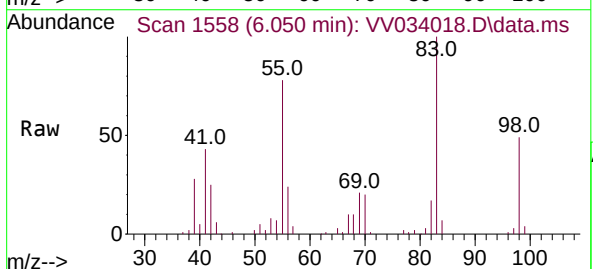
Tgt Ion: 83 Resp: 53724

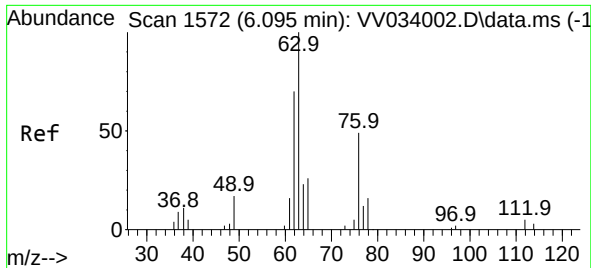
Ion Ratio Lower Upper

83 100

55 77.3 63.5 95.3

98 51.4 39.0 58.4





#37

1,2-Dichloropropane

Concen: 4.655 ug/L

RT: 6.091 min Scan# 1

Delta R.T. -0.004 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

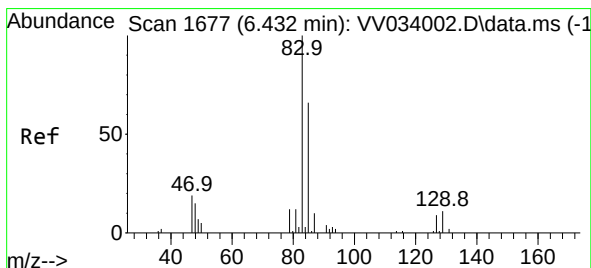
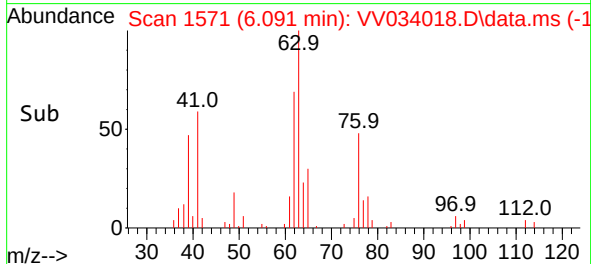
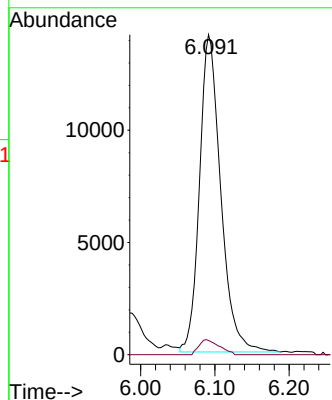
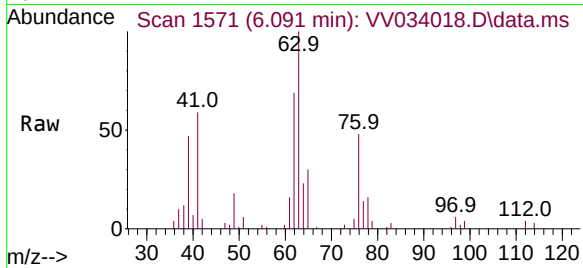
ClientSampleId :

Tgt Ion: 63 Resp: 28077

Ion Ratio Lower Upper

63 100

112 4.5 3.4 5.0



#38

Bromodichloromethane

Concen: 4.785 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

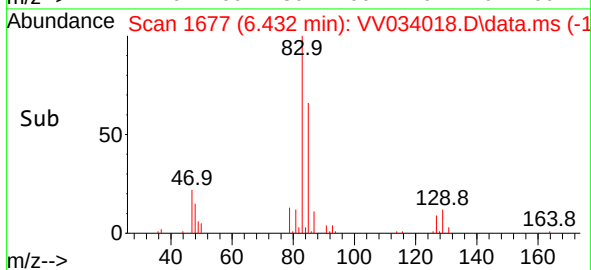
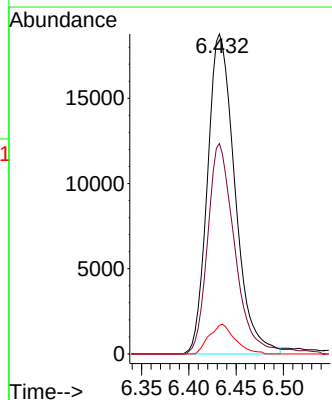
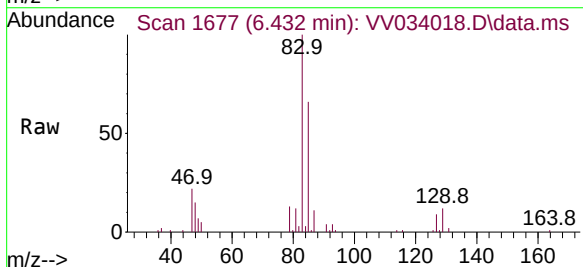
Tgt Ion: 83 Resp: 37885

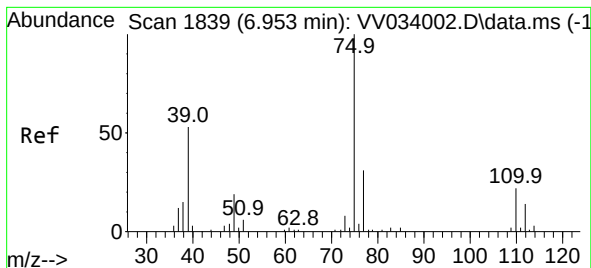
Ion Ratio Lower Upper

83 100

85 65.7 45.4 84.2

127 8.9 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.812 ug/L

RT: 6.953 min Scan# 1839

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

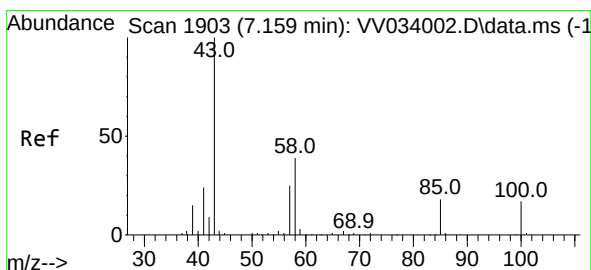
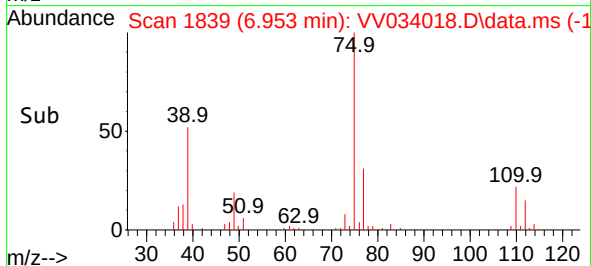
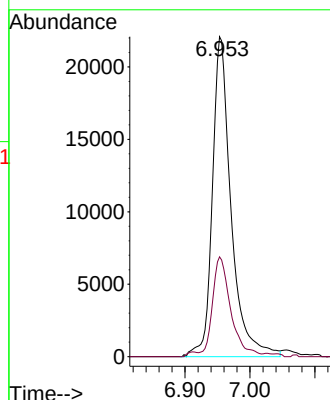
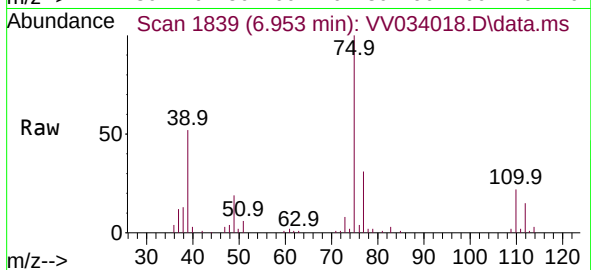
ClientSampleId :

Tgt Ion: 75 Resp: 44164

Ion Ratio Lower Upper

75 100

77 31.2 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 46.953 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.003 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

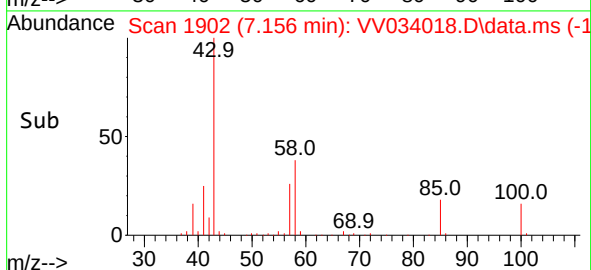
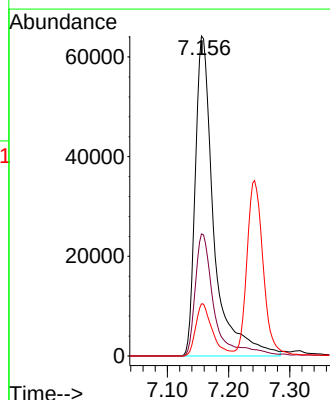
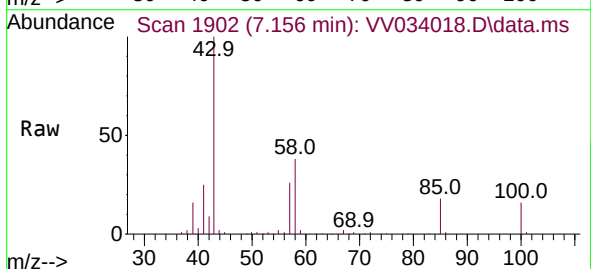
Tgt Ion: 43 Resp: 135624

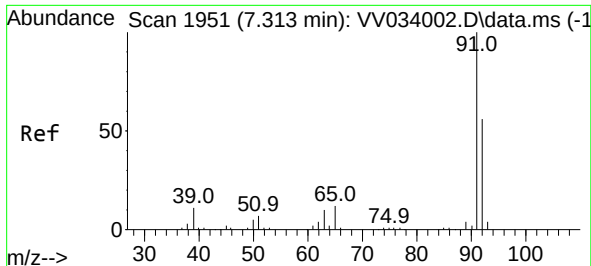
Ion Ratio Lower Upper

43 100

58 38.9 30.2 45.2

100 14.7 12.1 18.1





#42

Toluene

Concen: 4.945 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

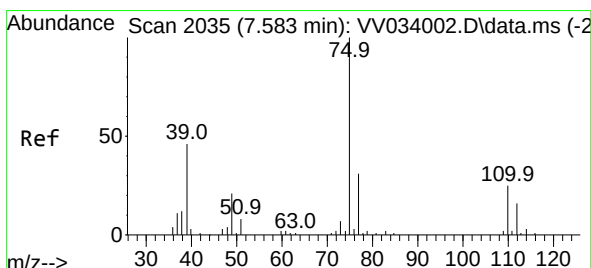
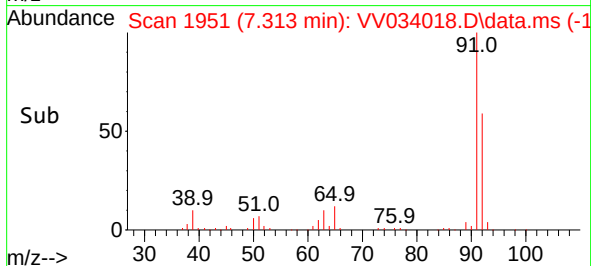
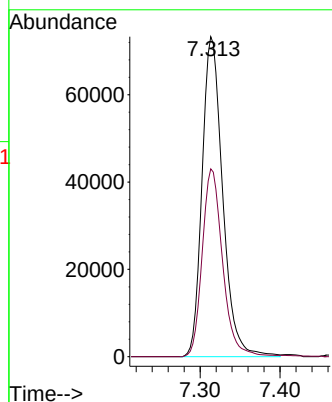
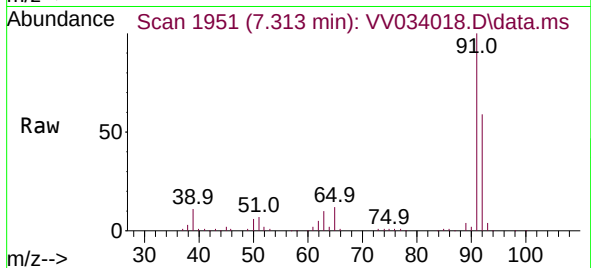
ClientSampleId :

Tgt Ion: 91 Resp: 131609

Ion Ratio Lower Upper

91 100

92 58.7 42.1 78.3



#44

trans-1,3-Dichloropropene

Concen: 4.930 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV034018.D

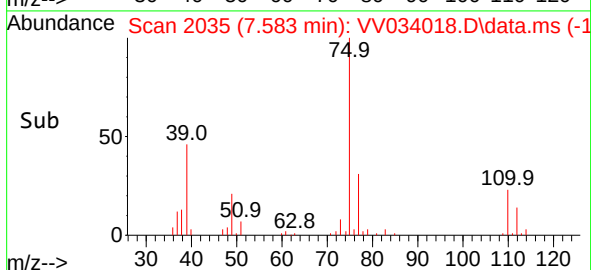
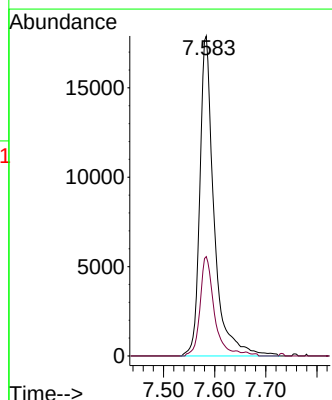
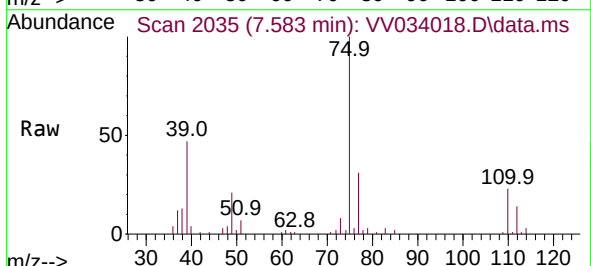
Acq: 07 Feb 2024 09:30

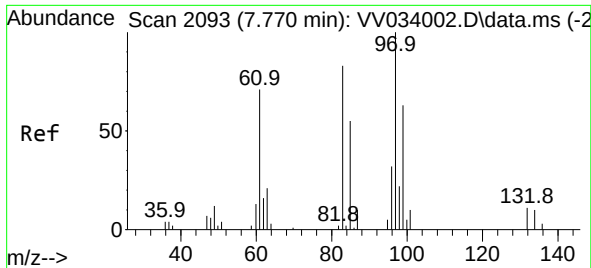
Tgt Ion: 75 Resp: 34740

Ion Ratio Lower Upper

75 100

77 31.0 22.2 41.2

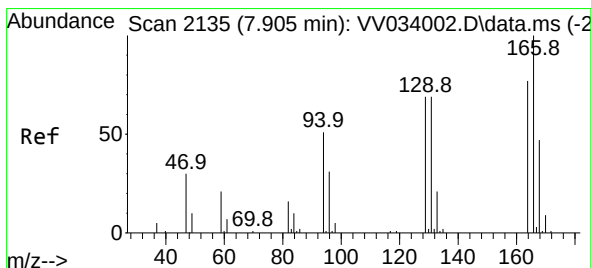
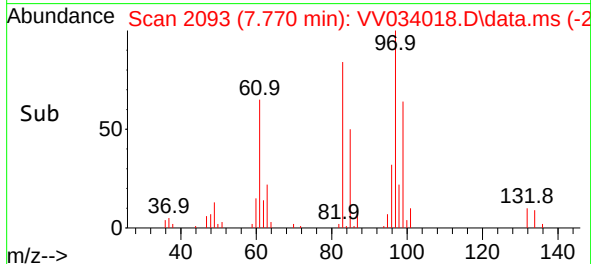
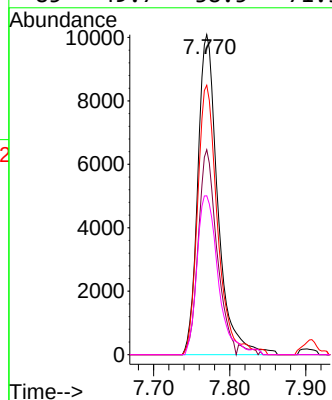
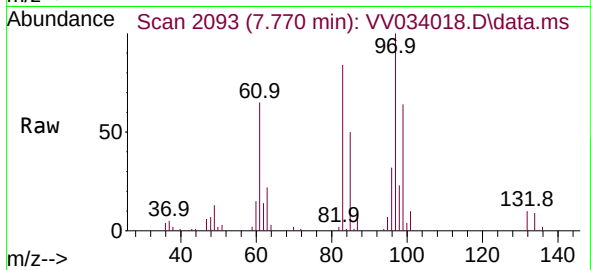




#45
1,1,2-Trichloroethane
Concen: 4.964 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

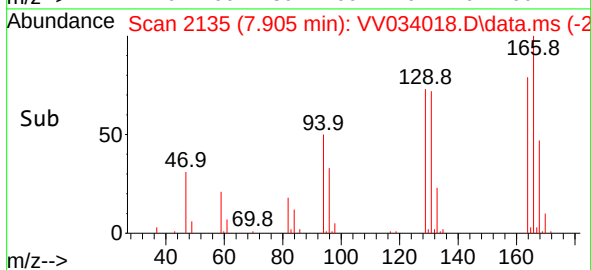
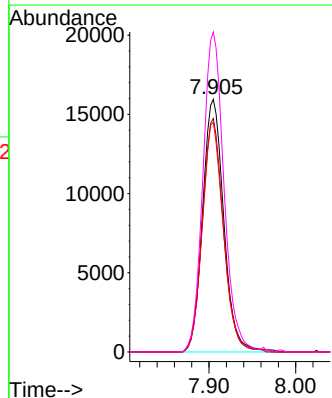
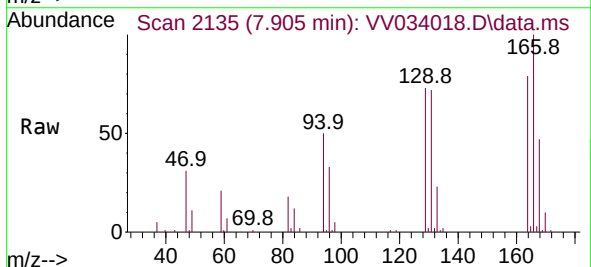
Instrument :
MSVOA_V
ClientSampleId :

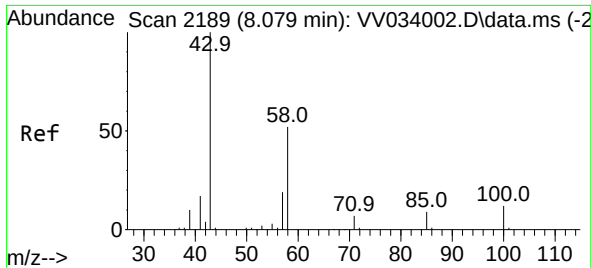
Tgt Ion: 97	Resp: 18490
Ion Ratio	Lower Upper
97 100	
99 64.0	45.6 84.6
83 84.2	62.3 115.7
85 49.7	38.5 71.5



#47
Tetrachloroethene
Concen: 4.638 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt	Ion:164	Resp:	27159
Ion	Ratio	Lower	Upper
164	100		
129	92.4	67.8	125.8
131	90.8	63.0	117.0
166	126.6	92.6	172.0

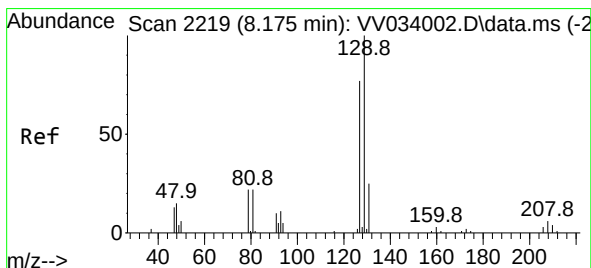
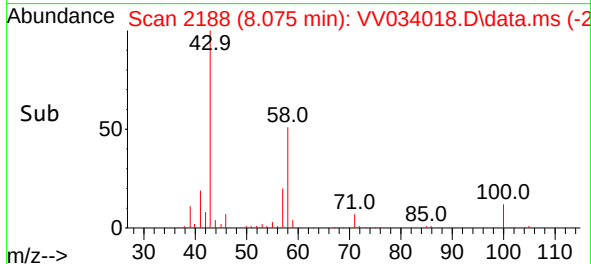
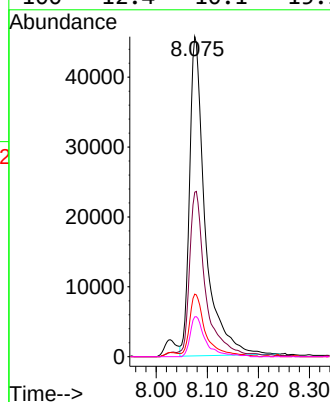
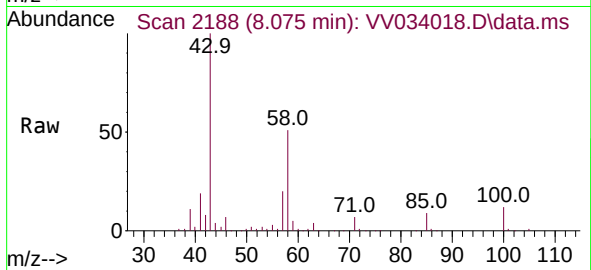




#48
2-Hexanone
Concen: 47.751 ug/L
RT: 8.075 min Scan# 2189
Delta R.T. -0.004 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

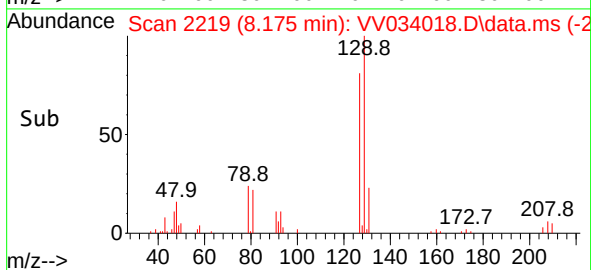
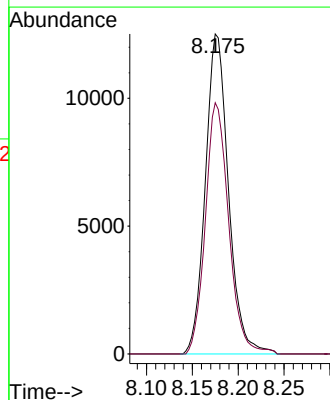
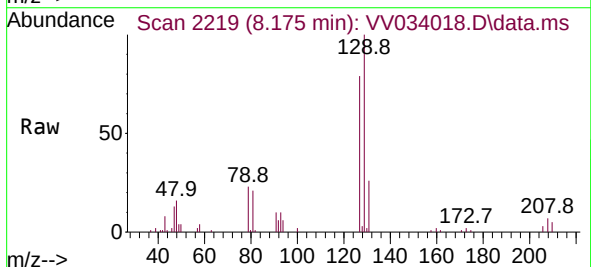
Instrument :
MSVOA_V
ClientSampleId :

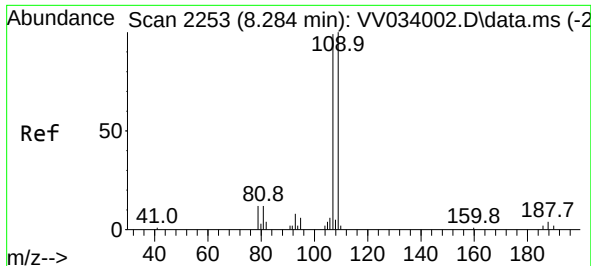
Tgt Ion:	43	Resp:	97223
Ion	Ratio	Lower	Upper
43	100		
58	52.2	42.6	64.0
57	20.2	15.5	23.3
100	12.4	10.1	15.1



#49
Dibromochloromethane
Concen: 4.977 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion:	129	Resp:	22029
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.5	99.5





#50

1,2-Dibromoethane

Concen: 4.879 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

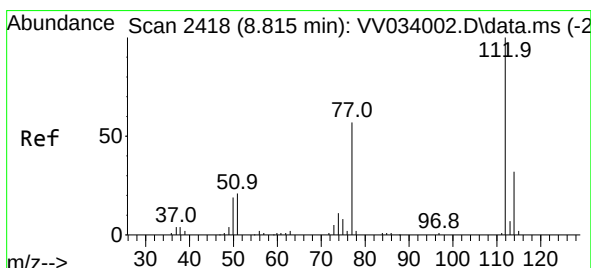
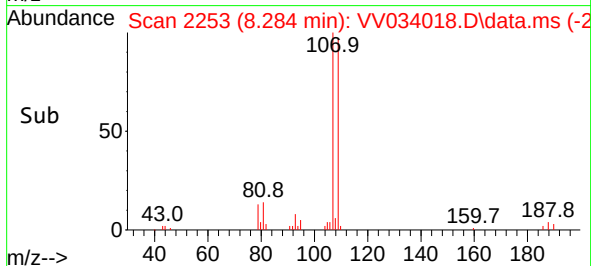
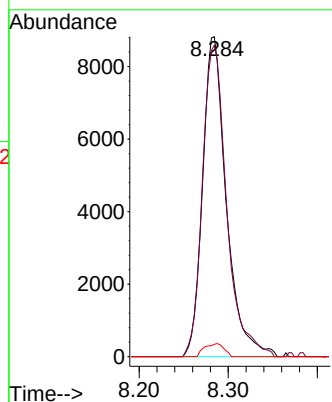
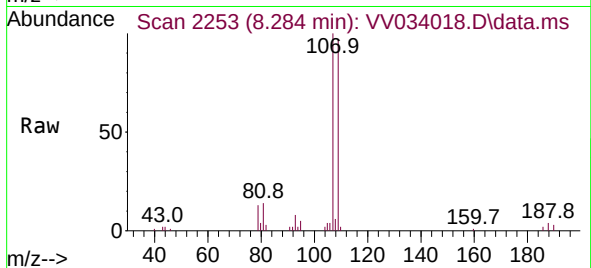
Tgt Ion:107 Resp: 16311

Ion Ratio Lower Upper

107 100

109 97.3 64.5 119.9

188 3.8 2.6 4.0



#51

Chlorobenzene

Concen: 4.992 ug/L

RT: 8.812 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

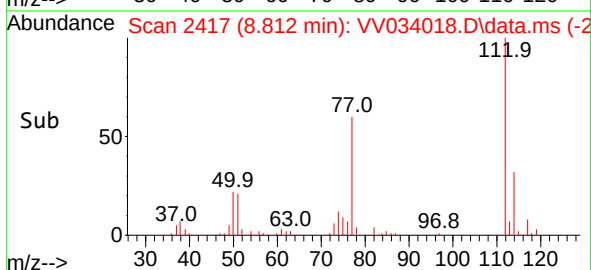
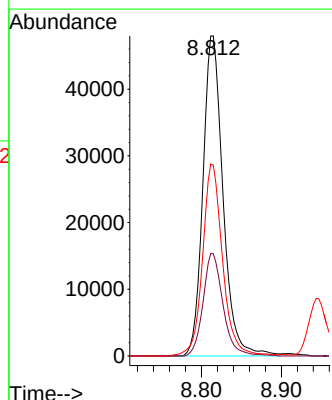
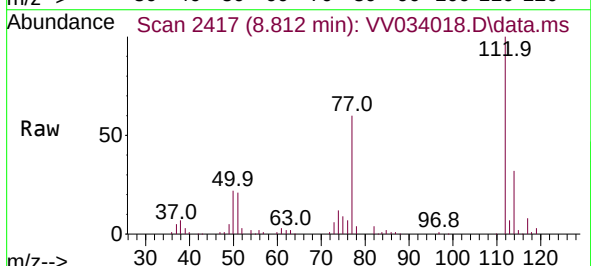
Tgt Ion:112 Resp: 84007

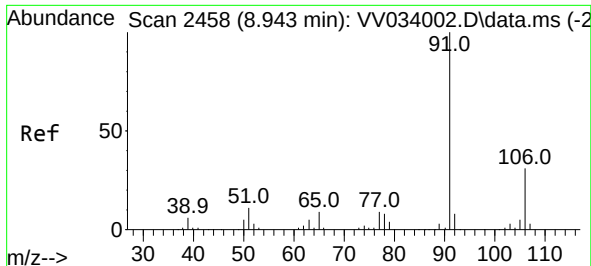
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.7

77 60.0 48.1 72.1

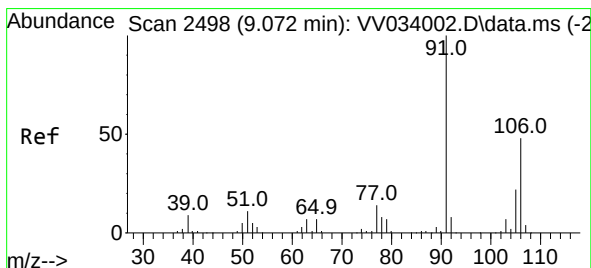
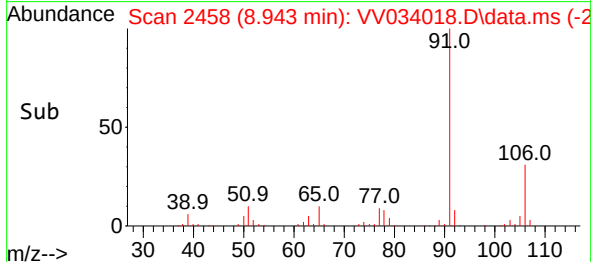
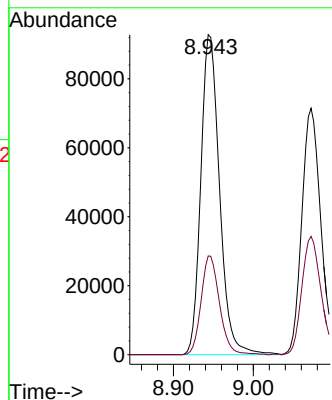
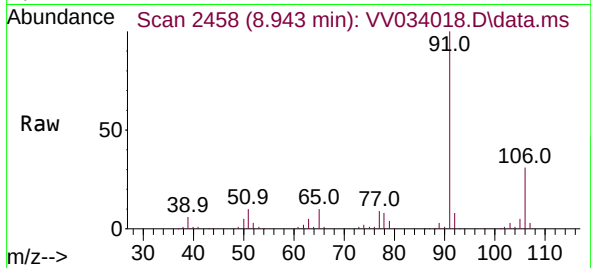




#52
Ethylbenzene
Concen: 4.950 ug/L
RT: 8.943 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

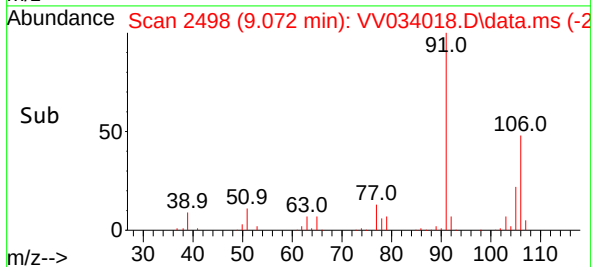
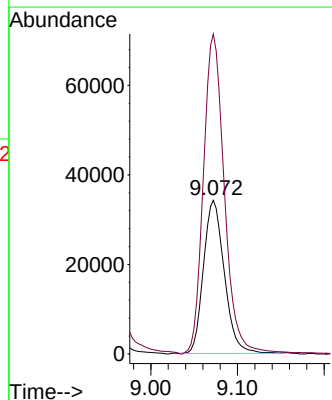
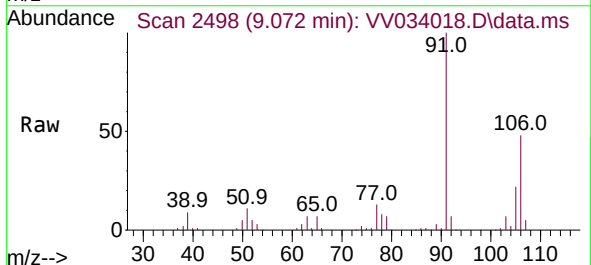
Instrument :
MSVOA_V
ClientSampleId :

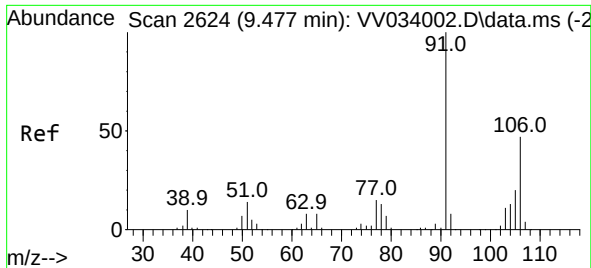
Tgt Ion: 91 Resp: 151651
Ion Ratio Lower Upper
91 100
106 30.8 21.4 39.8



#53
m,p-Xylene
Concen: 4.935 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 106 Resp: 57127
Ion Ratio Lower Upper
106 100
91 208.3 147.5 273.9

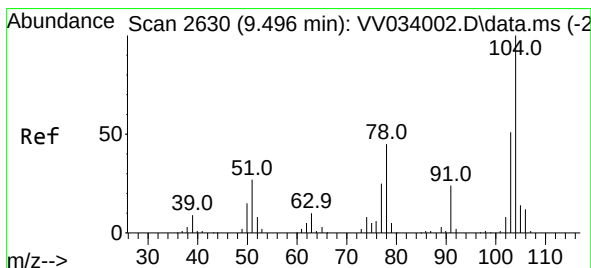
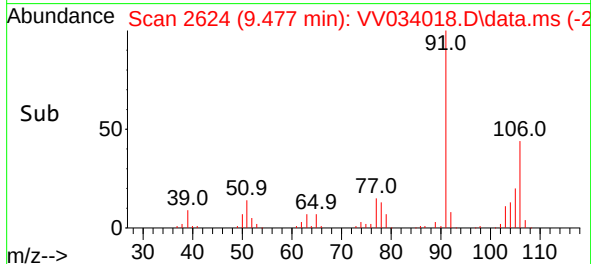
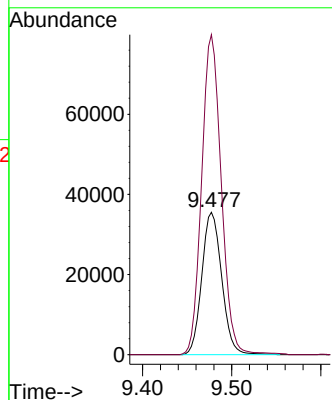
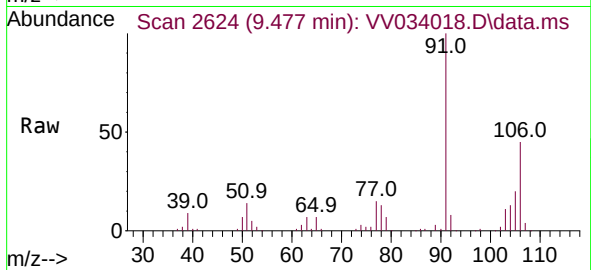




#54
o-Xylene
Concen: 4.949 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

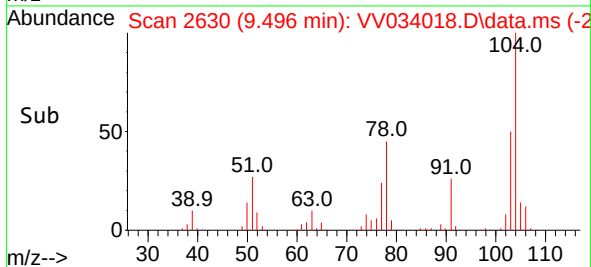
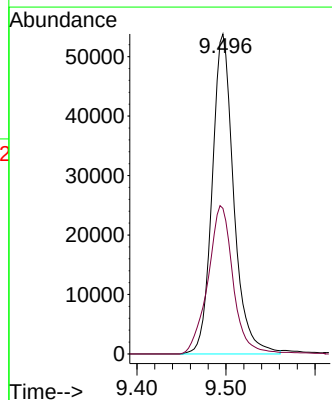
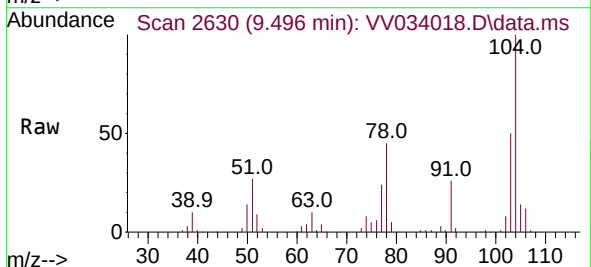
Instrument :
MSVOA_V
ClientSampleId :

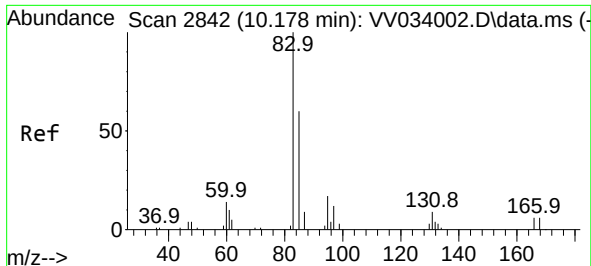
Tgt Ion:106 Resp: 55242
Ion Ratio Lower Upper
106 100
91 224.7 156.2 290.0



#55
Styrene
Concen: 5.054 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion:104 Resp: 90326
Ion Ratio Lower Upper
104 100
78 45.5 32.9 61.1





#57

1,1,2,2-Tetrachloroethane

Concen: 4.995 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :

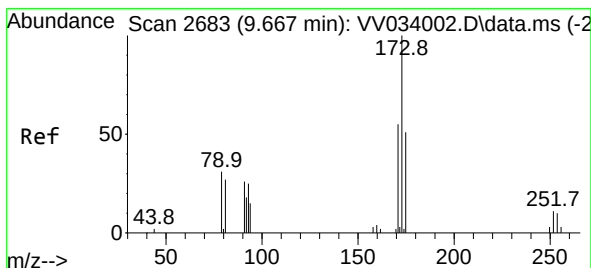
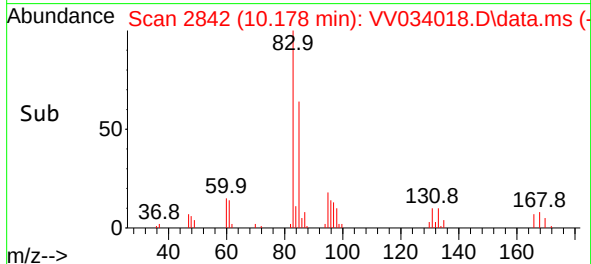
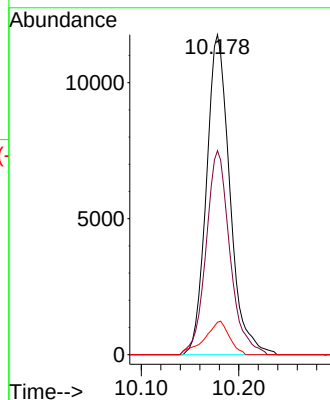
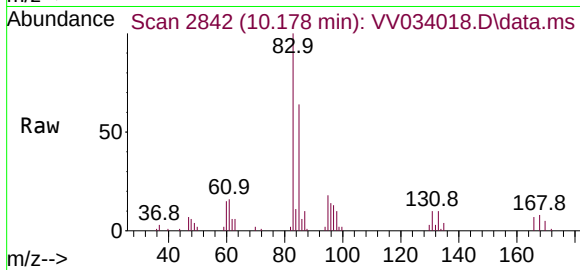
Tgt Ion: 83 Resp: 19636

Ion Ratio Lower Upper

83 100

85 63.8 46.5 86.3

131 10.2 8.4 12.6



#59

Bromoform

Concen: 4.781 ug/L

RT: 9.667 min Scan# 2683

Delta R.T. -0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

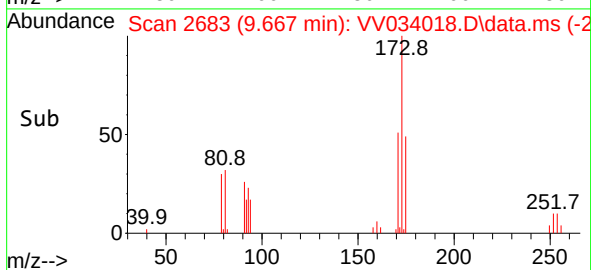
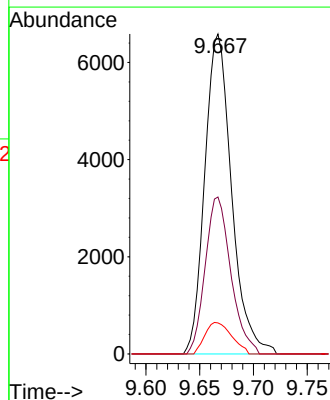
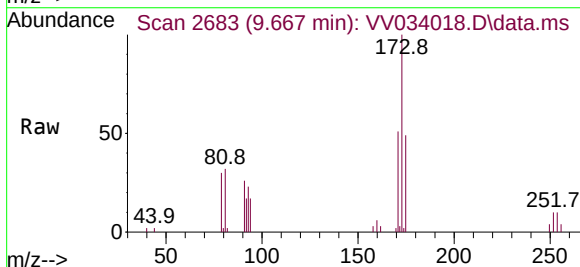
Tgt Ion: 173 Resp: 11417

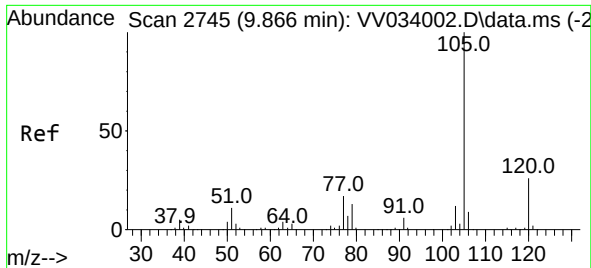
Ion Ratio Lower Upper

173 100

175 46.9 38.6 57.8

254 9.8 7.2 10.8

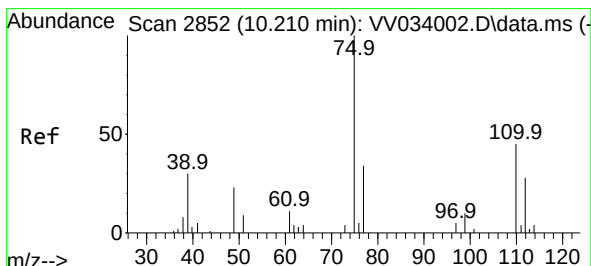
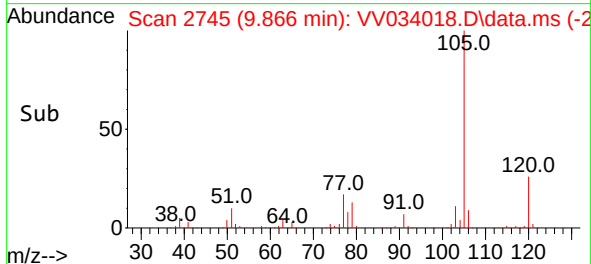
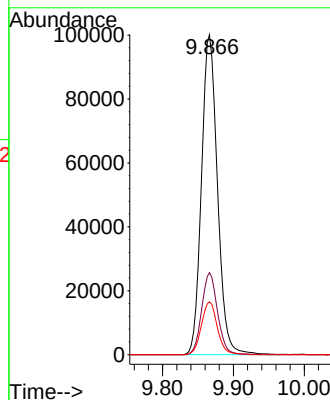
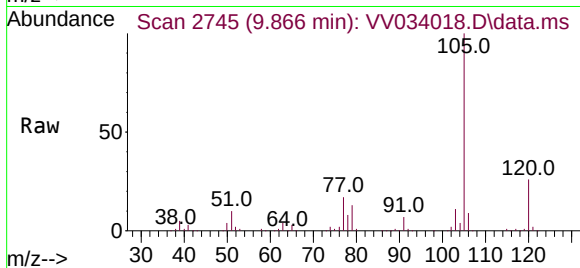




#60
Isopropylbenzene
Concen: 4.884 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

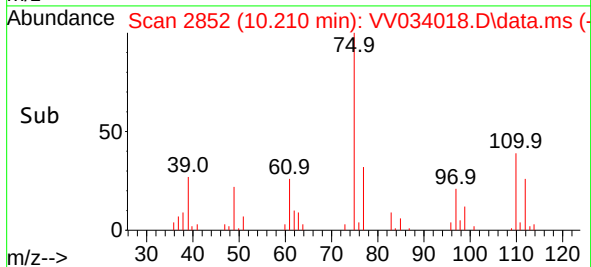
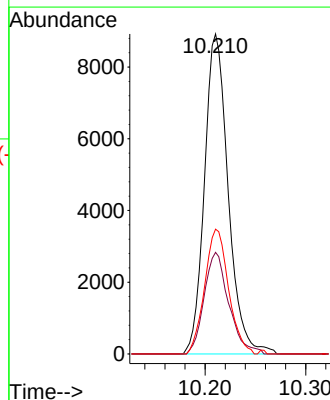
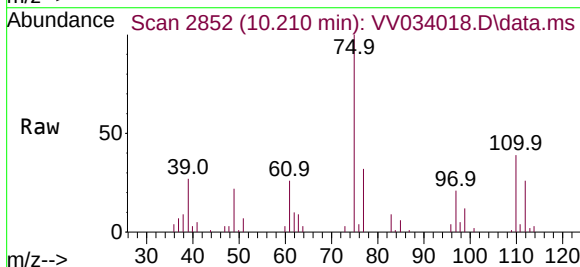
Instrument :
MSVOA_V
ClientSampleId :

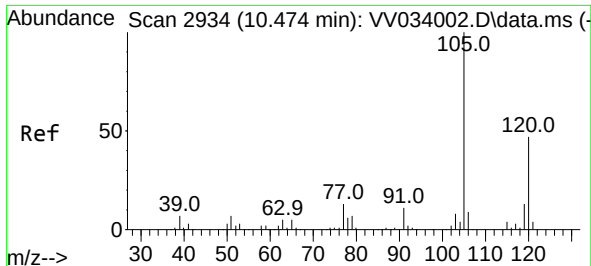
Tgt Ion:105 Resp: 156640
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 16.5 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.904 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 75 Resp: 14614
Ion Ratio Lower Upper
75 100
77 33.0 26.9 40.3
110 39.2 33.3 49.9

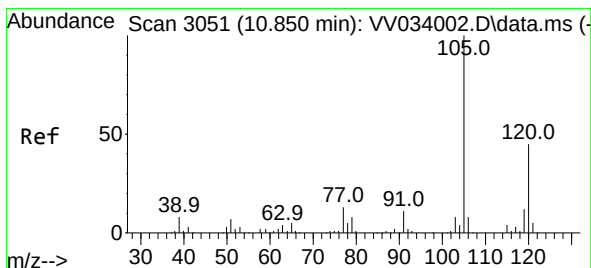
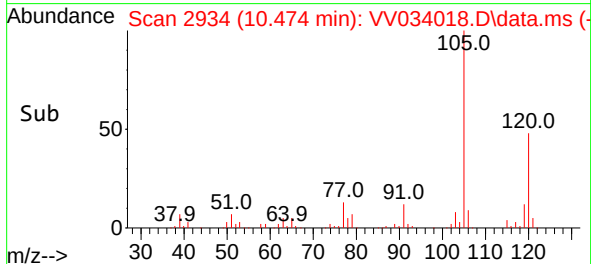
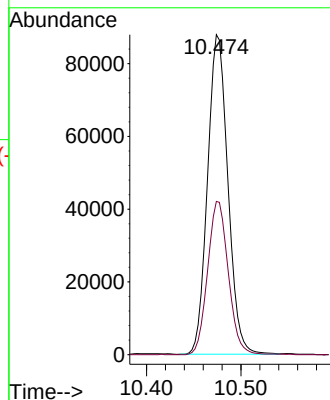
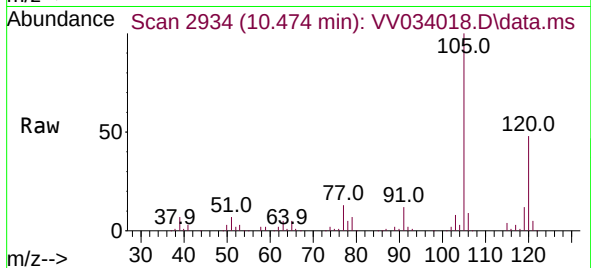




#62
1,3,5-Trimethylbenzene
Concen: 4.853 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

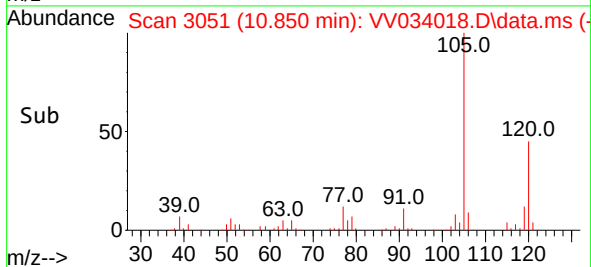
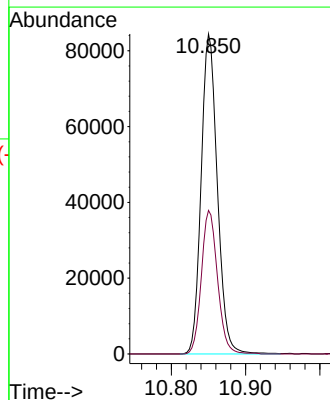
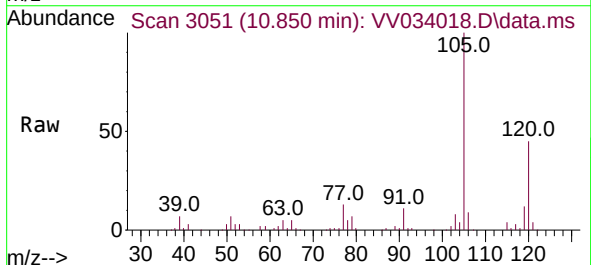
Instrument :
MSVOA_V
ClientSampleId :

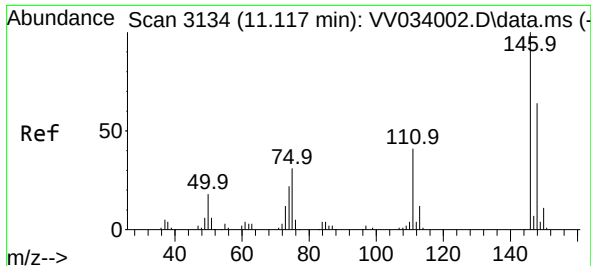
Tgt Ion:105 Resp: 131583
Ion Ratio Lower Upper
105 100
120 48.8 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 4.861 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion:105 Resp: 128063
Ion Ratio Lower Upper
105 100
120 44.6 36.2 54.2

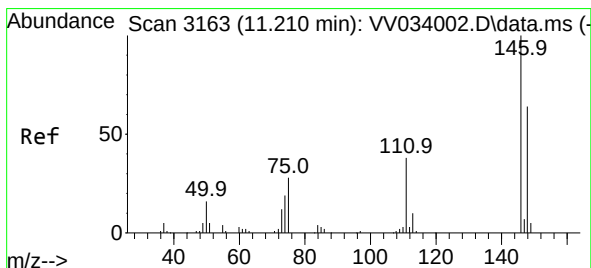
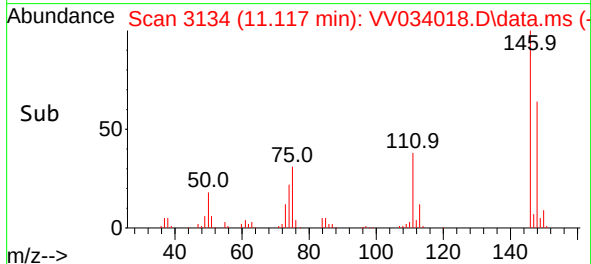
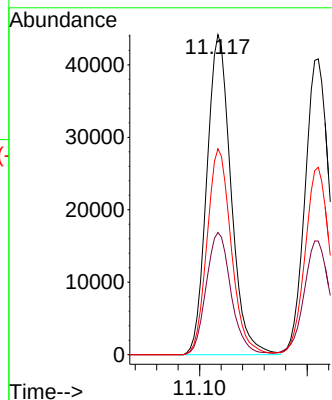
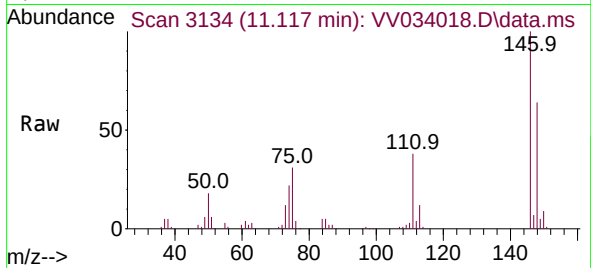




#64
1,3-Dichlorobenzene
Concen: 4.926 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

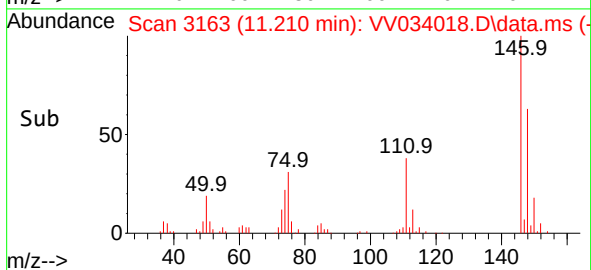
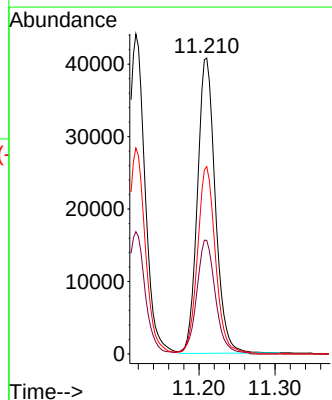
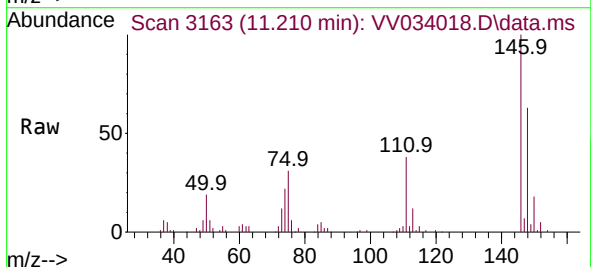
Instrument :
MSVOA_V
ClientSampleId :

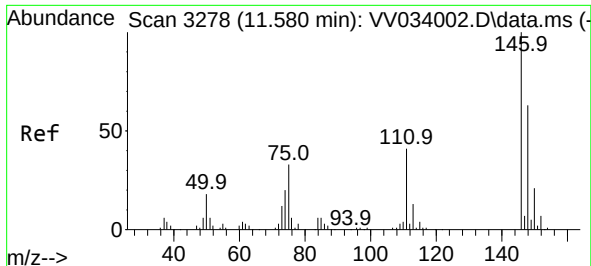
Tgt Ion:146 Resp: 68889
Ion Ratio Lower Upper
146 100
111 38.2 28.5 52.9
148 64.4 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.801 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

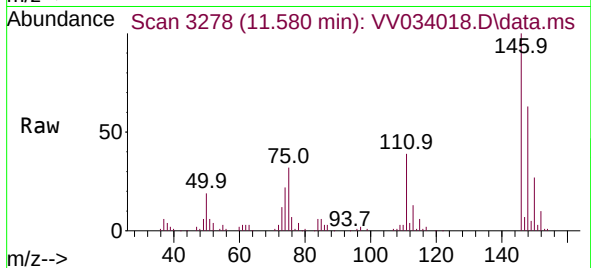
Tgt Ion:146 Resp: 66492
Ion Ratio Lower Upper
146 100
111 38.4 27.6 51.4
148 63.4 44.8 83.2



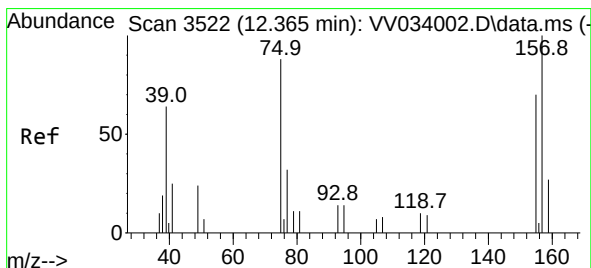
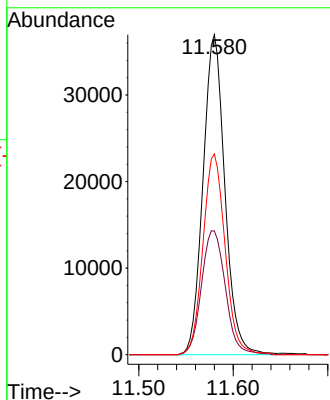
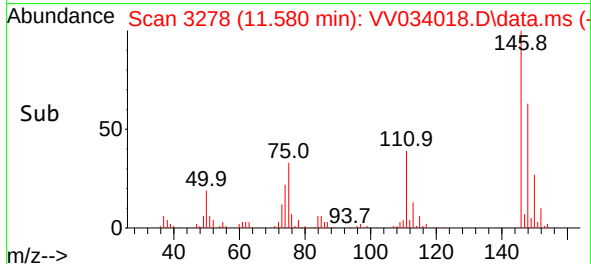


#67
1,2-Dichlorobenzene
Concen: 4.942 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Instrument :
MSVOA_V
ClientSampleId :

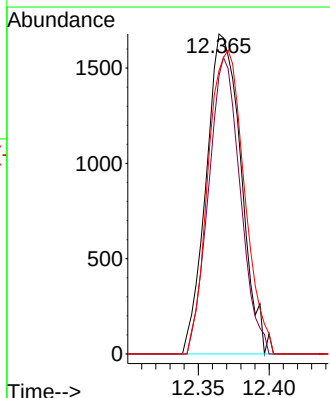
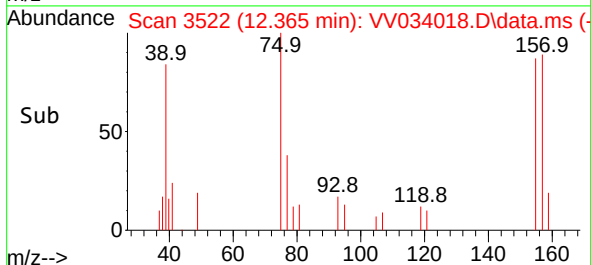
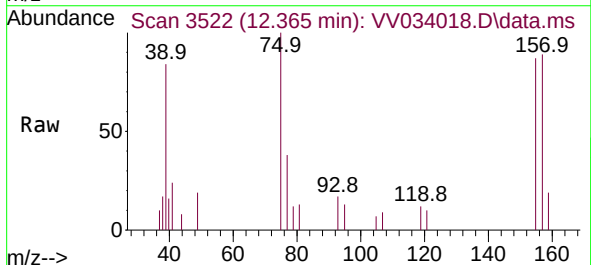


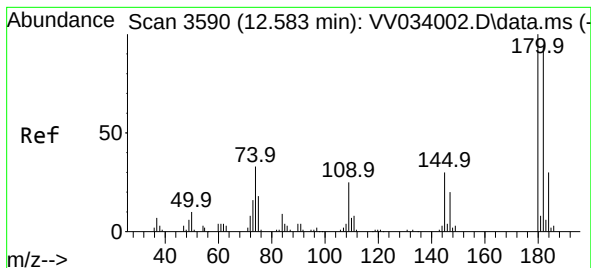
Tgt Ion:146 Resp: 59363
Ion Ratio Lower Upper
146 100
111 38.7 31.2 46.8
148 62.8 49.8 74.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.597 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion: 75 Resp: 2871
Ion Ratio Lower Upper
75 100
155 87.0 68.9 103.3
157 88.5 84.6 127.0





#69

1,3,5-Trichlorobenzene

Concen: 4.992 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.000 min

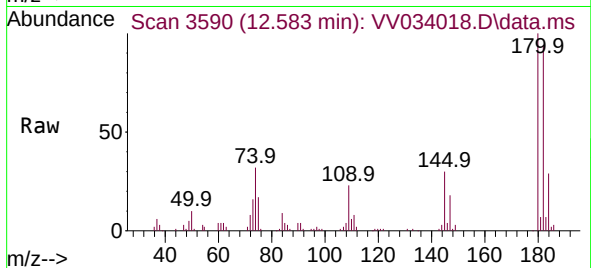
Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 54026

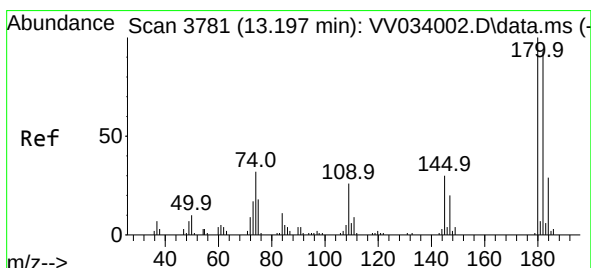
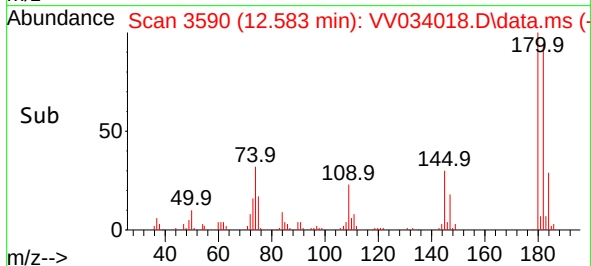
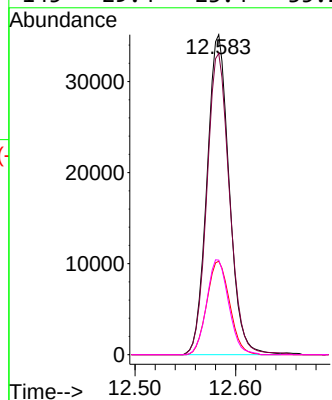
Ion Ratio Lower Upper

180 100

182 95.8 77.0 115.4

184 29.9 23.8 35.6

145 29.4 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 5.036 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.000 min

Lab File: VV034018.D

Acq: 07 Feb 2024 09:30

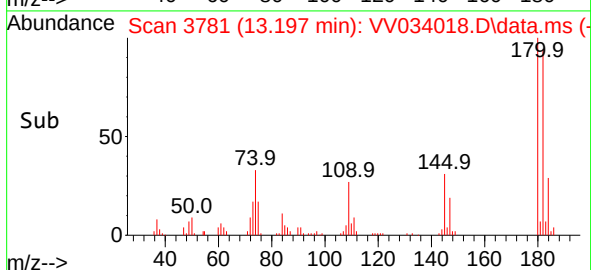
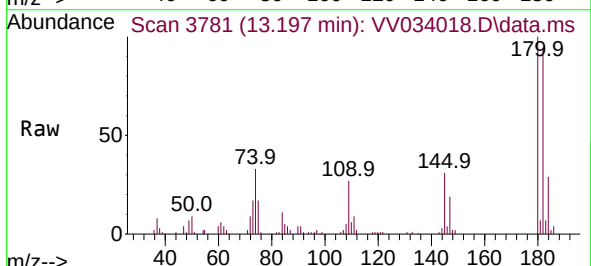
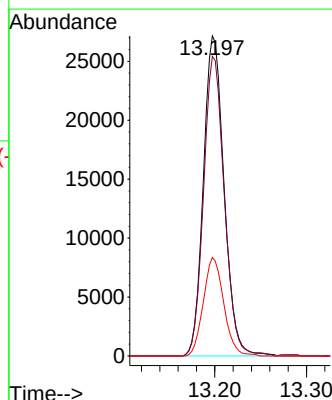
Tgt Ion:180 Resp: 42546

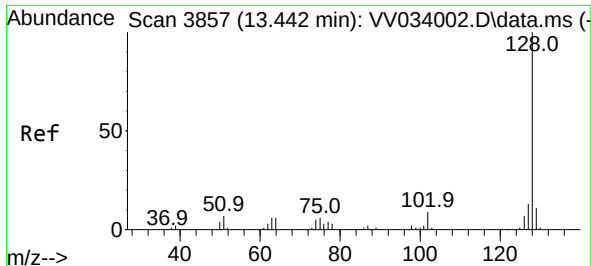
Ion Ratio Lower Upper

180 100

182 94.0 76.8 115.2

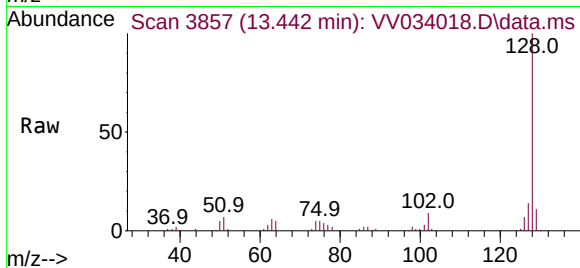
145 30.4 24.8 37.2



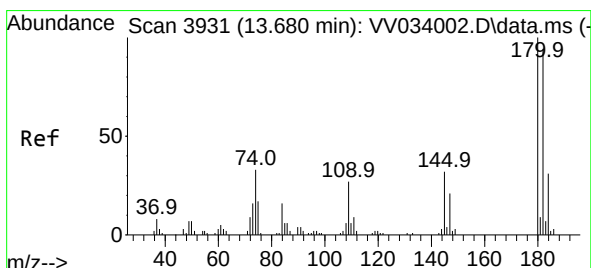
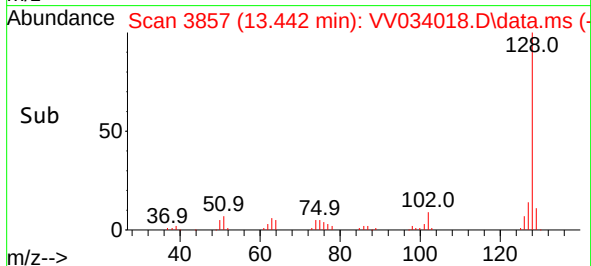
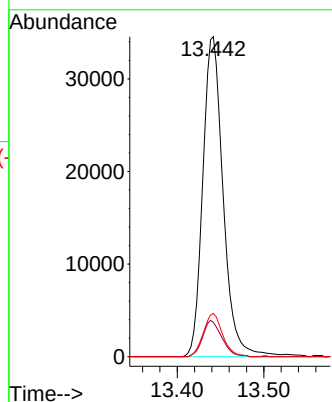


#71
Naphthalene
Concen: 5.081 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	56250
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.5	12.7
127	12.8	10.4	15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.182 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV034018.D
Acq: 07 Feb 2024 09:30

Tgt Ion:	180	Resp:	35083
Ion Ratio	Lower	Upper	
180	100		
182	93.8	75.0	112.6
145	31.3	25.2	37.8

