

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
 Data File : VW033764.D
 Acq On : 19 Jan 2024 19:12
 Operator : SY/MD
 Sample : P1190-02MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	232171	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	220567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	114617	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	71220	39.914	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.820%
7) Chloroethane-d5	1.529	69	58978	41.738	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.480%
11) 1,1-Dichloroethene-d2	2.060	65	33101	43.104	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.200%
21) 2-Butanone-d5	3.783	46	89384	73.032	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	73.030%
24) Chloroform-d	4.249	84	140595	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.140%
26) 1,2-Dichloroethane-d4	4.940	65	92016	44.635	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.260%
32) Benzene-d6	4.960	84	265663	42.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.740%
36) 1,2-Dichloropropane-d6	5.989	67	83149	40.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.560%
41) Toluene-d8	7.243	98	244386	43.255	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	7.551	79	41902	41.076	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.160%
47) 2-Hexanone-d5	8.024	63	66099	77.203	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	77.200%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	105685	40.107	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.220%
66) 1,2-Dichlorobenzene-d4	11.561	152	97981	45.057	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	80469	41.662	ug/L	100
3) Chloromethane	1.217	50	87934	40.037	ug/L	98
5) Vinyl chloride	1.285	62	93143	44.330	ug/L #	62
6) Bromomethane	1.481	94	44450	40.478	ug/L	95
8) Chloroethane	1.545	64	61486	49.075	ug/L	97
9) Trichlorofluoromethane	1.712	101	135503	54.043	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	74407	50.370	ug/L	96
12) 1,1-Dichloroethene	2.069	96	69985	50.227	ug/L	99
13) Acetone	2.111	43	68849	58.836	ug/L	99
14) Carbon disulfide	2.243	76	216819	45.783	ug/L	99
15) Methyl Acetate	2.371	43	76374	39.913	ug/L #	100
16) Methylene chloride	2.449	84	76572	45.047	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	71973	46.241	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	263495	47.070	ug/L	98
19) 1,1-Dichloroethane	3.111	63	145076	45.592	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	114156	65.899	ug/L	94
22) 2-Butanone	3.863	43	95487	67.186	ug/L	98
23) Bromochloromethane	4.146	128	40617	48.265	ug/L	89
25) Chloroform	4.275	83	145998	48.392	ug/L	100

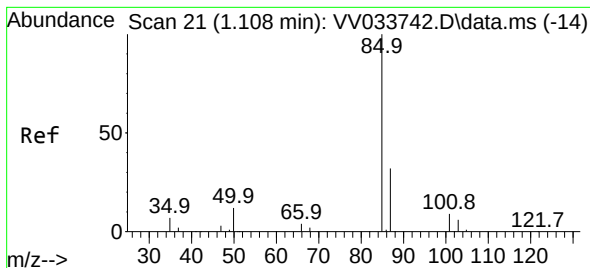
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011924\
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Quant Time: Jan 19 22:26:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	121518	48.222	ug/L	99
29) Cyclohexane	4.584	56	133163	42.825	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	132620	50.103	ug/L	99
31) Carbon tetrachloride	4.735	117	116348	51.497	ug/L	99
33) Benzene	5.011	78	302439	46.684	ug/L	100
34) Trichloroethene	5.831	95	94696	54.492	ug/L	99
35) Methylcyclohexane	6.050	83	130694	43.945	ug/L	97
37) 1,2-Dichloropropane	6.092	63	81283	45.595	ug/L #	98
38) Bromodichloromethane	6.432	83	112637	48.298	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	133659	44.897	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	214409	81.169	ug/L	97
42) Toluene	7.313	91	322527	47.096	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	124720	45.463	ug/L	96
45) 1,1,2-Trichloroethane	7.767	97	76096	47.045	ug/L	99
46) Tetrachloroethene	7.905	164	74658	58.572	ug/L	97
48) 2-Hexanone	8.072	43	154109	73.218	ug/L	98
49) Dibromochloromethane	8.175	129	81529	48.395	ug/L	100
50) 1,2-Dibromoethane	8.281	107	78446	45.892	ug/L #	99
51) Chlorobenzene	8.815	112	207594	47.589	ug/L	98
52) Ethylbenzene	8.944	91	367259	46.301	ug/L	99
53) m,p-Xylene	9.072	106	134893	46.065	ug/L	98
54) o-Xylene	9.477	106	136081	46.940	ug/L	99
55) Styrene	9.493	104	230386	46.030	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.178	83	115014	44.679	ug/L	100
59) Bromoform	9.664	173	57904	47.533	ug/L	98
60) Isopropylbenzene	9.866	105	371111	47.855	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	90972	44.722	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	313443	47.108	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	315022	47.517	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	166512	47.536	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	167984	47.827	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	167721	49.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	25116	42.788	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	122617	47.371	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	109069	46.424	ug/L	98
71) Naphthalene	13.439	128	253695	41.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	104761	47.773	ug/L	99

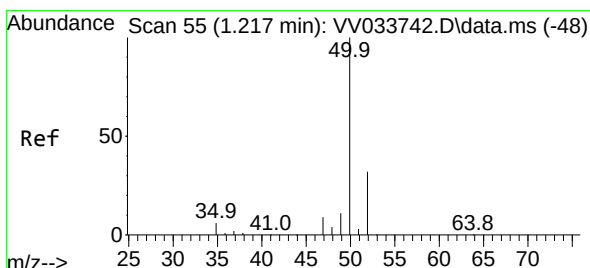
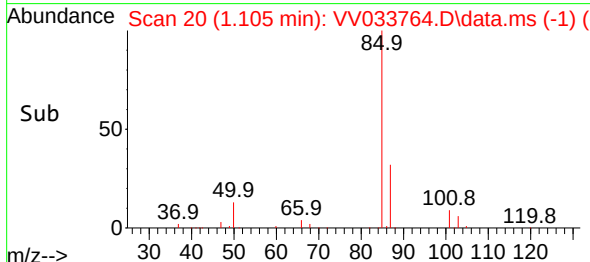
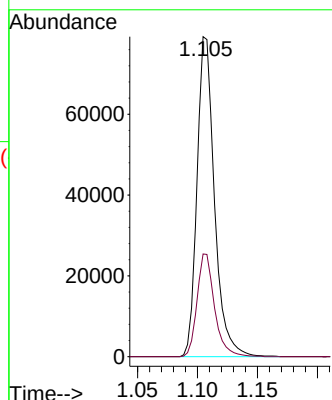
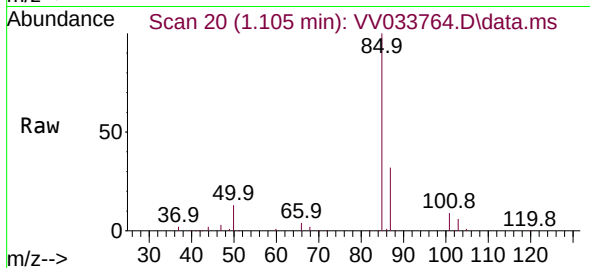
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 41.662 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

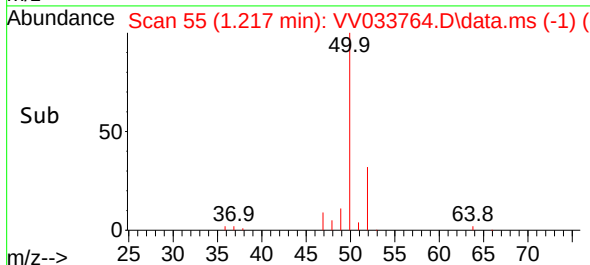
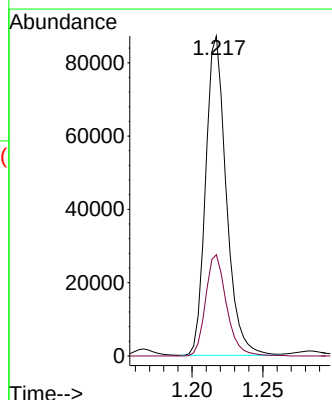
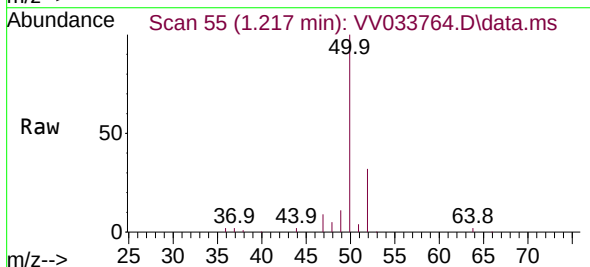
Instrument :
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 ClientSampleId :

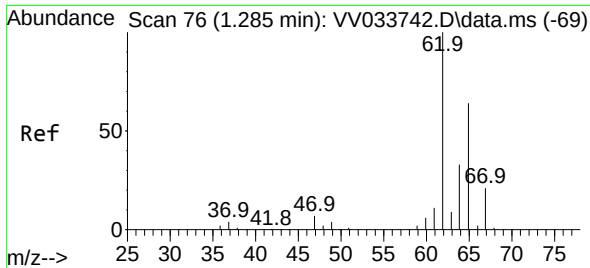
Tgt Ion: 85 Resp: 80469
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 40.037 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

Tgt Ion: 50 Resp: 87934
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.8 42.4

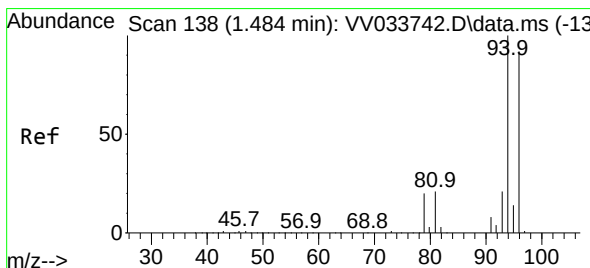
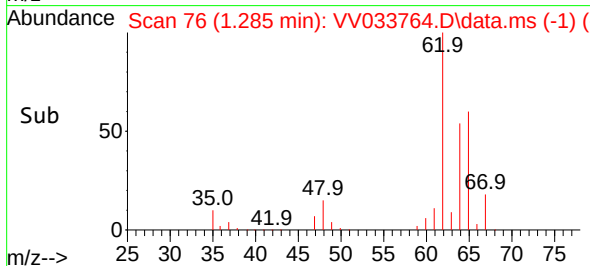
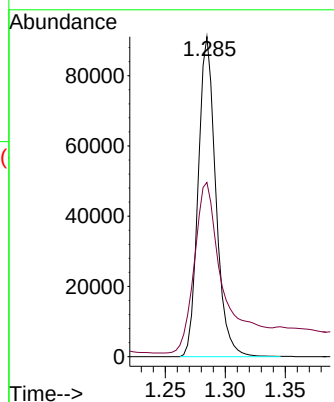
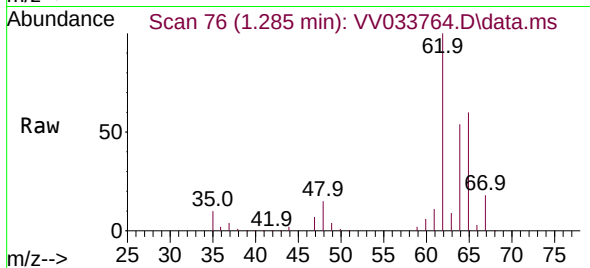




#5
 Vinyl chloride
 Concen: 44.330 ug/L
 RT: 1.285 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

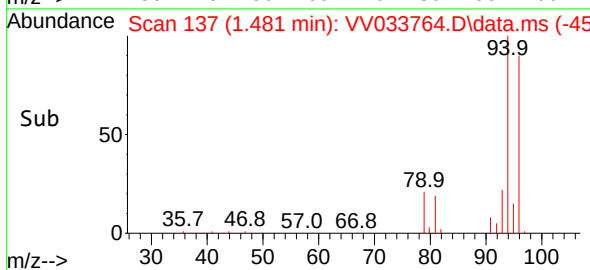
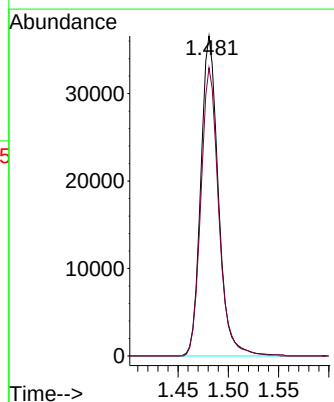
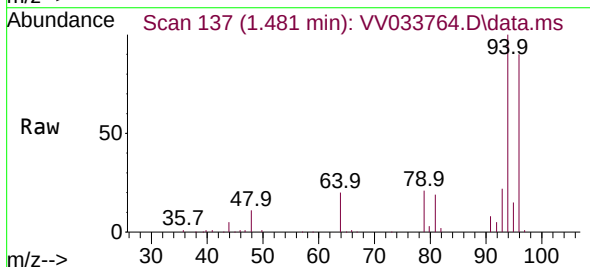
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 ClientSampleId :

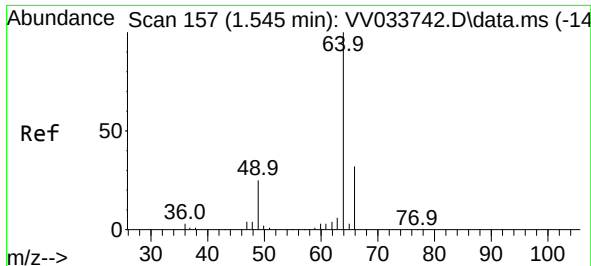
Tgt Ion: 62 Resp: 93143
 Ion Ratio Lower Upper
 62 100
 64 54.5 23.2 43.0#



#6
 Bromomethane
 Concen: 40.478 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. -0.003 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

Tgt Ion: 94 Resp: 44450
 Ion Ratio Lower Upper
 94 100
 96 90.0 66.4 123.2

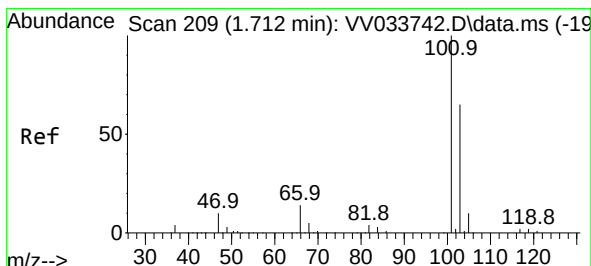
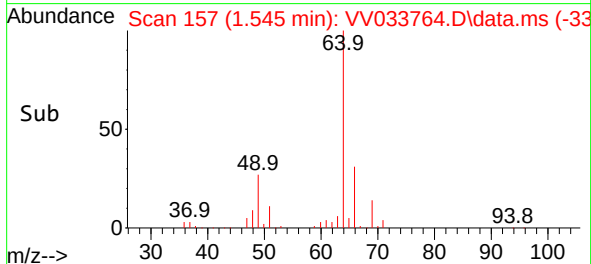
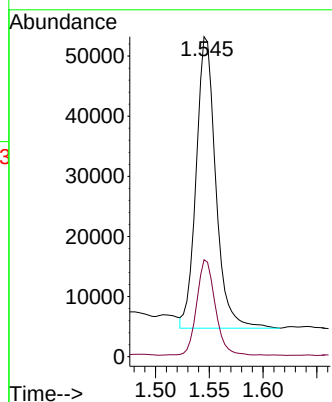
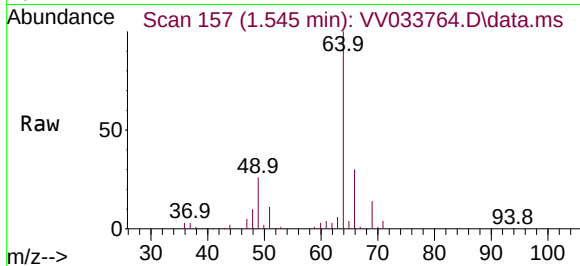




#8
Chloroethane
Concen: 49.075 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

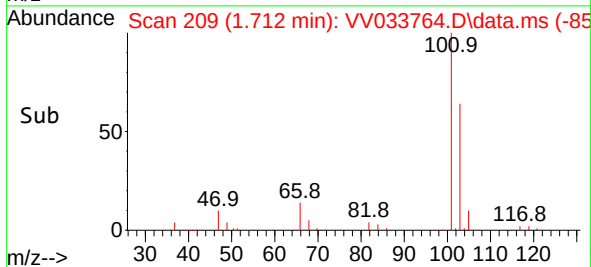
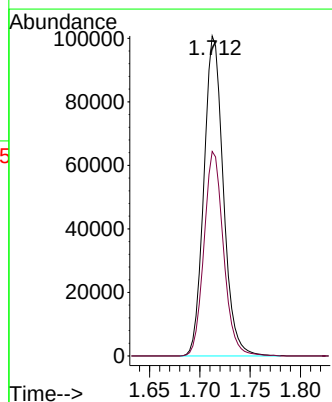
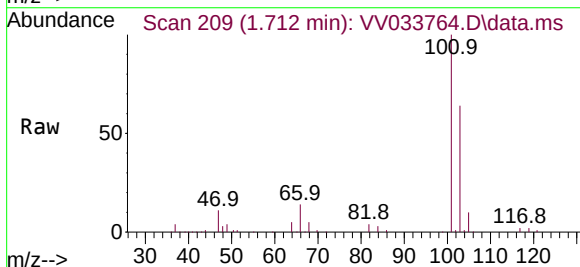
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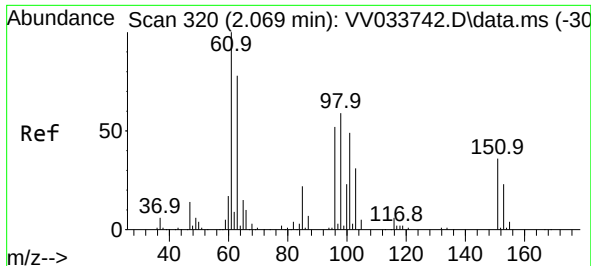
Tgt Ion: 64 Resp: 61486
Ion Ratio Lower Upper
64 100
66 30.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 54.043 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion:101 Resp: 135503
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9

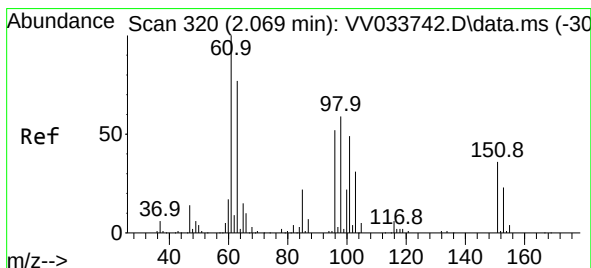
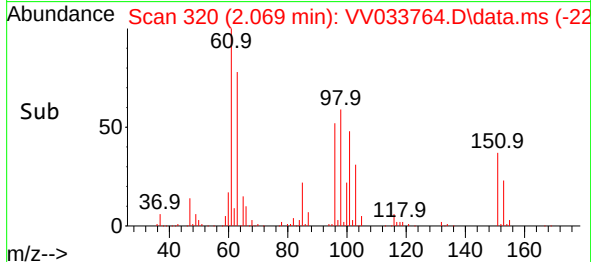
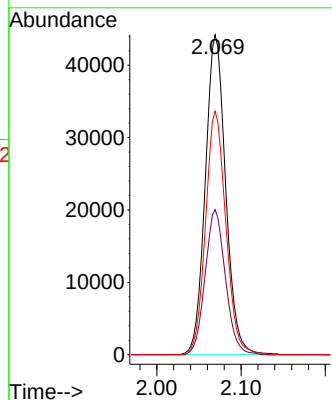
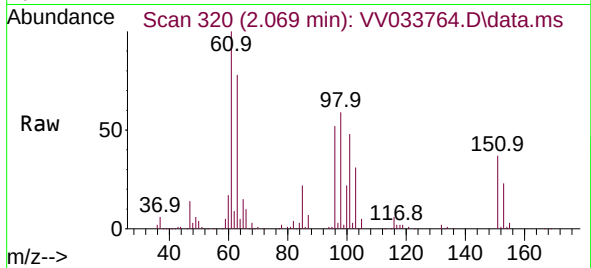




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 50.370 ug/L
 RT: 2.069 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

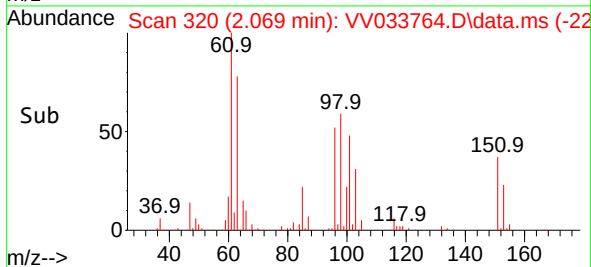
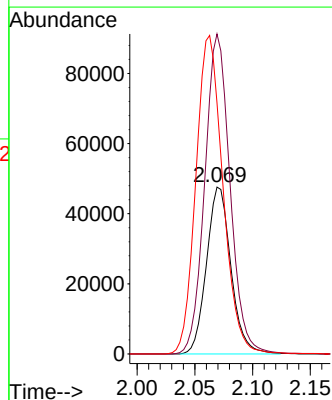
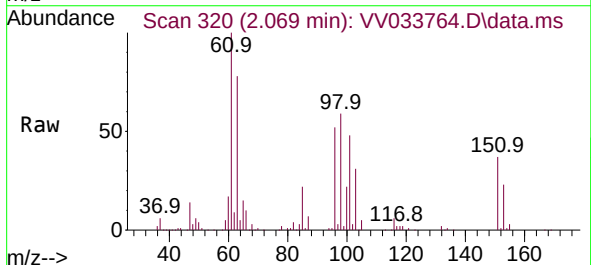
Instrument :
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 ClientSampleId :

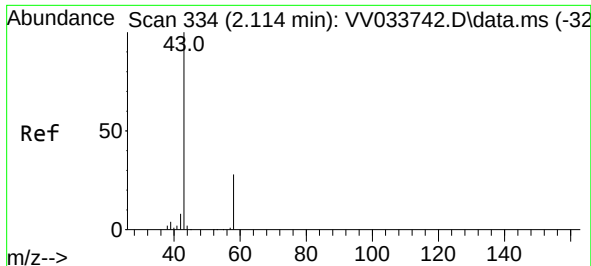
Tgt Ion:101 Resp: 74407
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.2 54.4
 151 76.0 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 50.227 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

Tgt Ion: 96 Resp: 69985
 Ion Ratio Lower Upper
 96 100
 61 191.7 134.0 248.8
 63 150.4 103.4 192.0





#13

Acetone

Concen: 58.836 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

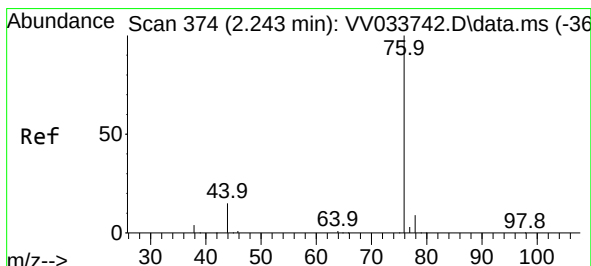
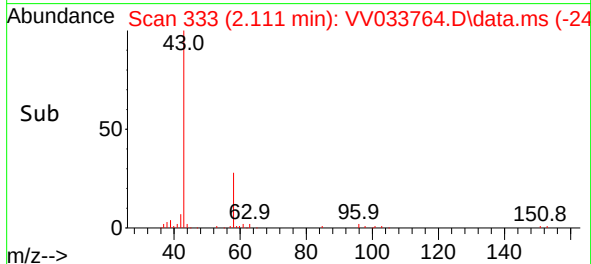
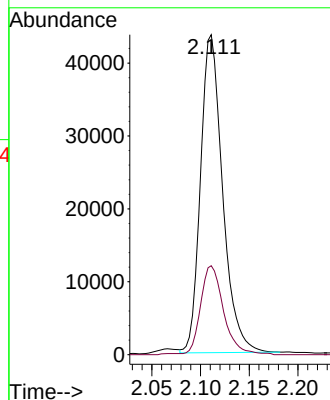
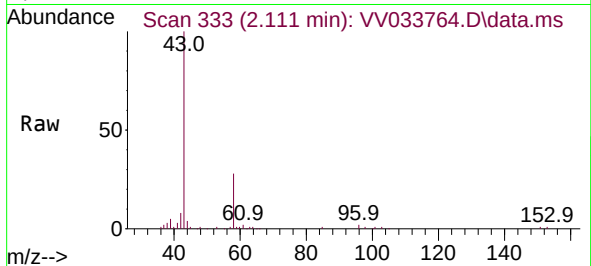
ClientSampleId :

Tgt Ion: 43 Resp: 68849

Ion Ratio Lower Upper

43 100

58 29.0 0.0 57.2



#14

Carbon disulfide

Concen: 45.783 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033764.D

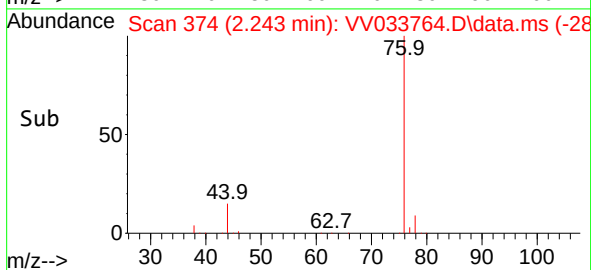
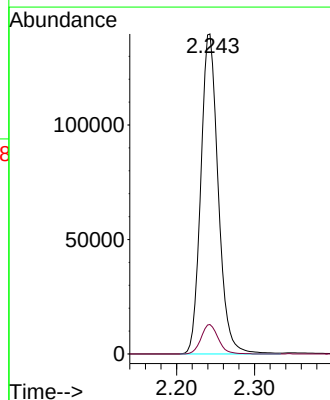
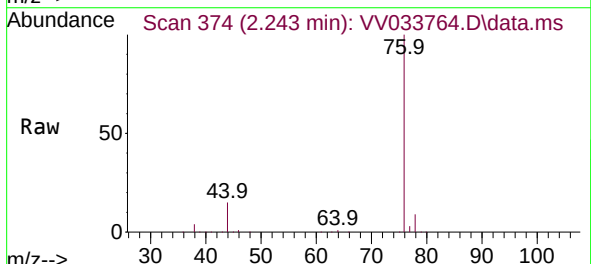
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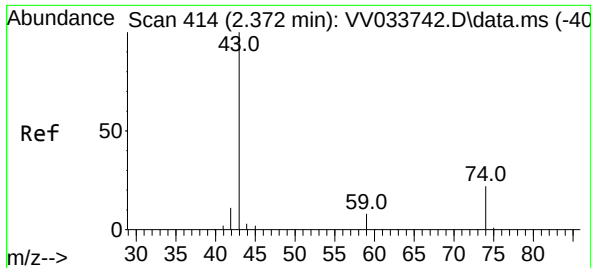
Tgt Ion: 76 Resp: 216819

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

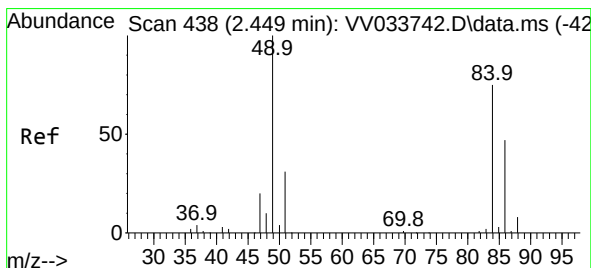
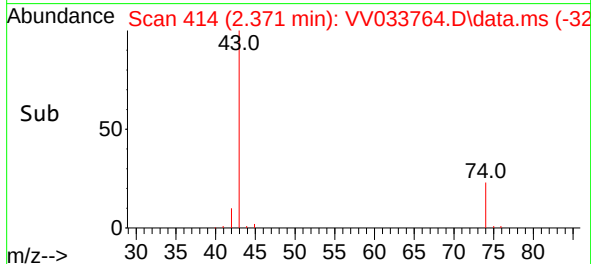
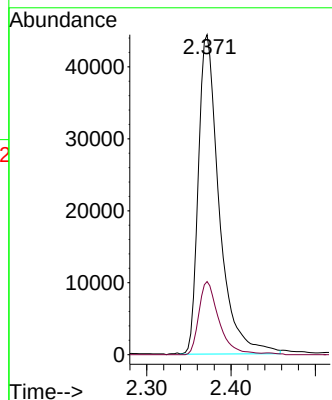
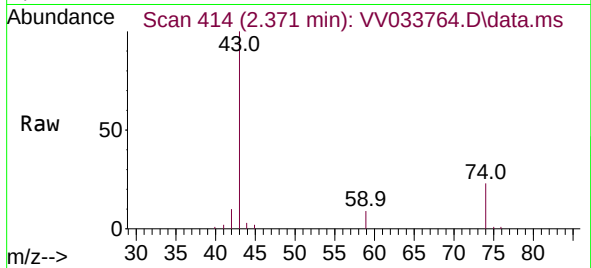




#15
Methyl Acetate
Concen: 39.913 ug/L
RT: 2.371 min Scan# 414
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

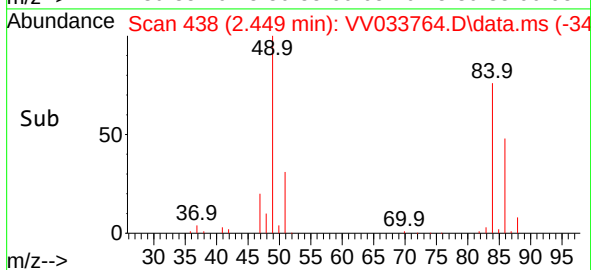
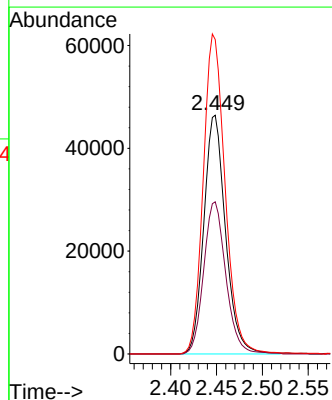
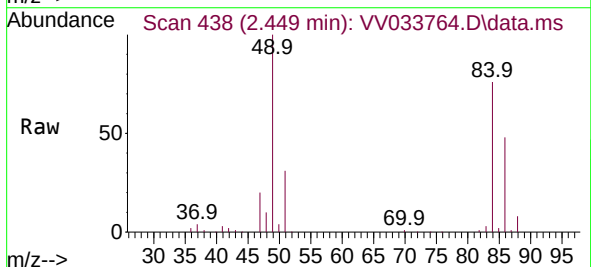
Instrument :
MSVOA_V
ClientSampleId :

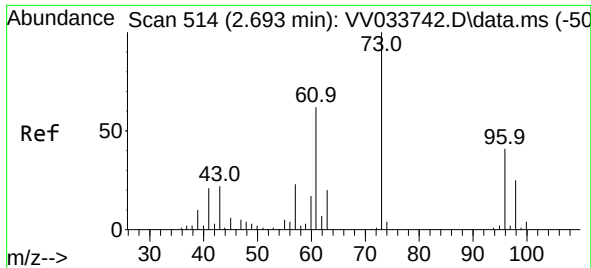
Tgt Ion: 43 Resp: 76374
Ion Ratio Lower Upper
43 100
74 22.0 0.0 0.0#



#16
Methylene chloride
Concen: 45.047 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

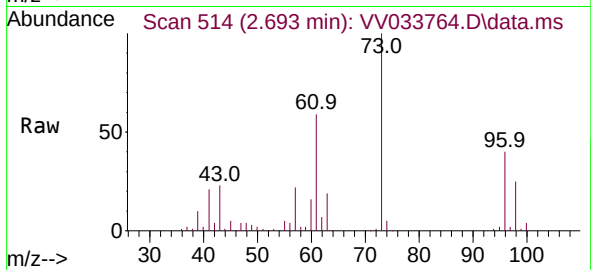
Tgt Ion: 84 Resp: 76572
Ion Ratio Lower Upper
84 100
86 63.8 43.9 81.5
49 131.7 98.3 182.5



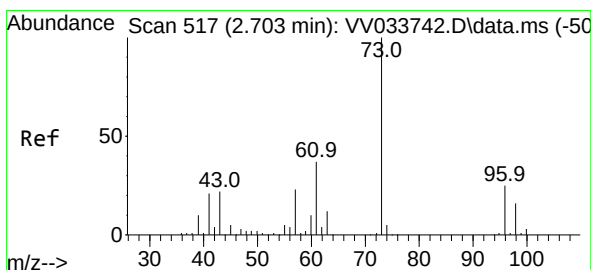
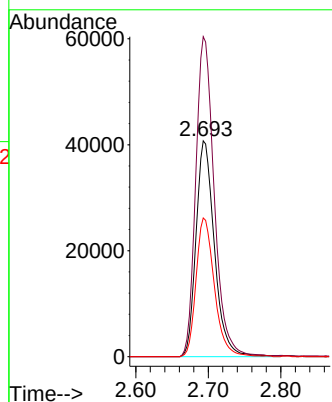
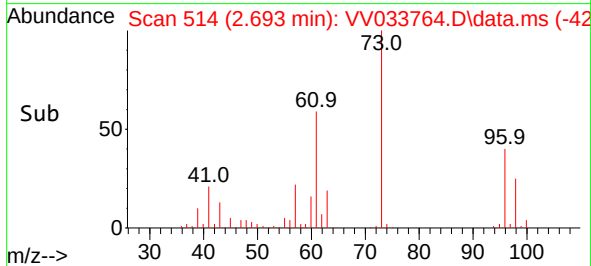


#17
trans-1,2-Dichloroethene
Concen: 46.241 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Instrument :
MSVOA_V
ClientSampleId :

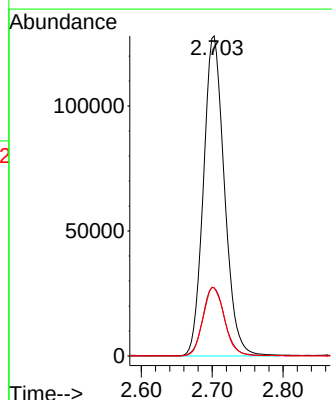
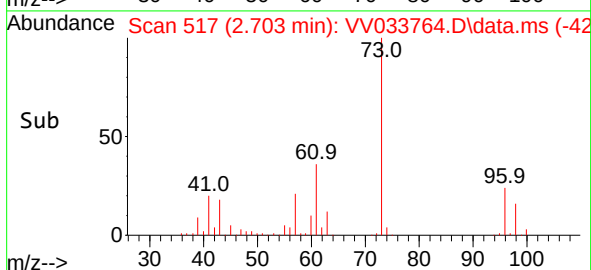
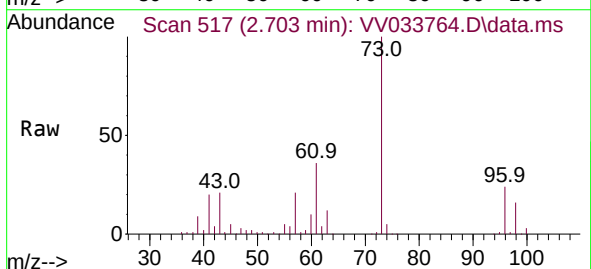


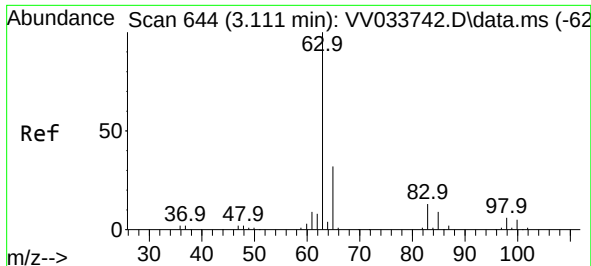
Tgt Ion: 96 Resp: 71973
Ion Ratio Lower Upper
96 100
61 148.3 108.4 201.4
98 64.3 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 47.070 ug/L
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 73 Resp: 263495
Ion Ratio Lower Upper
73 100
43 22.0 17.4 26.2
57 22.0 18.6 27.8





#19

1,1-Dichloroethane

Concen: 45.592 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

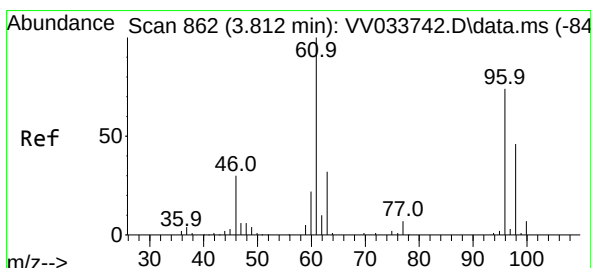
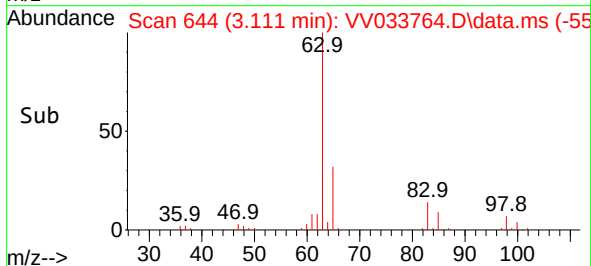
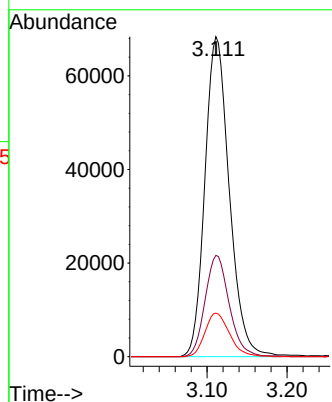
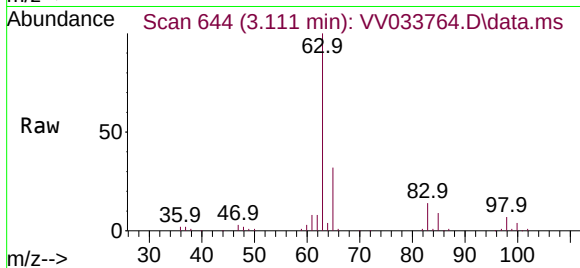
Tgt Ion: 63 Resp: 145076

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 13.6 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 65.899 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

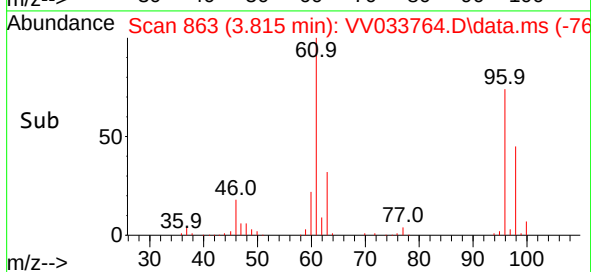
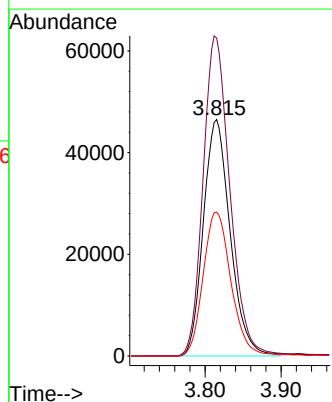
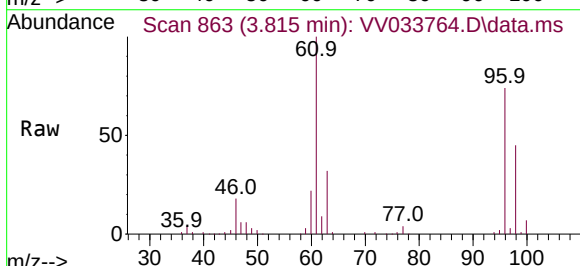
Tgt Ion: 96 Resp: 114156

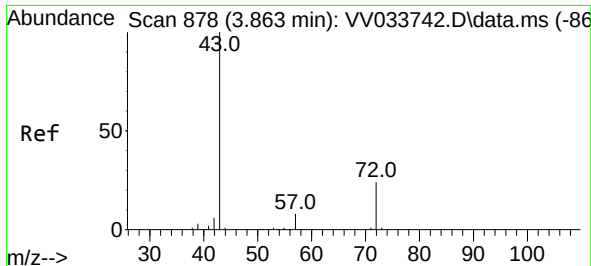
Ion Ratio Lower Upper

96 100

61 134.5 100.6 186.8

98 60.8 44.6 82.8

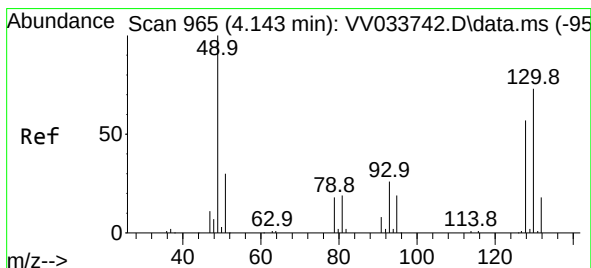
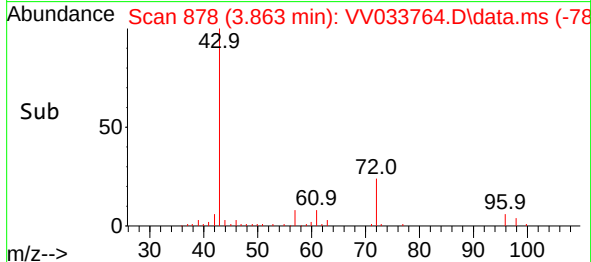
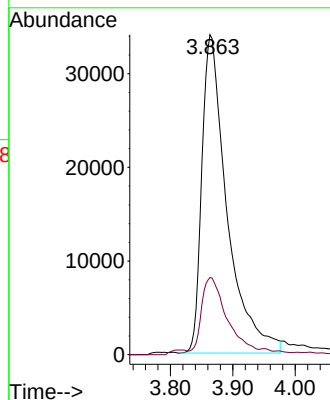
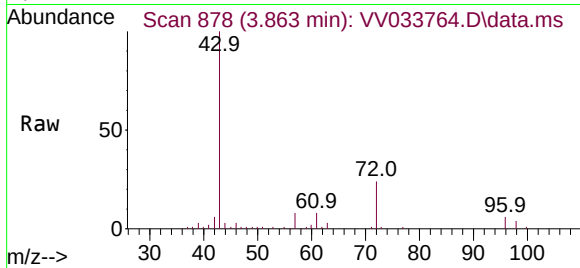




#22
2-Butanone
Concen: 67.186 ug/L
RT: 3.863 min Scan# 878
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

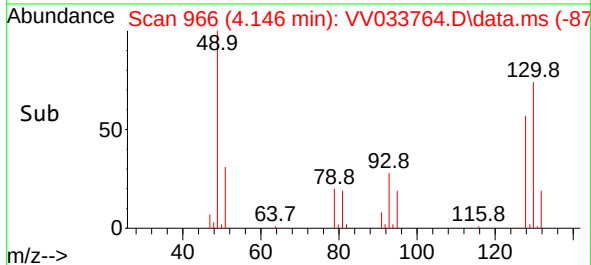
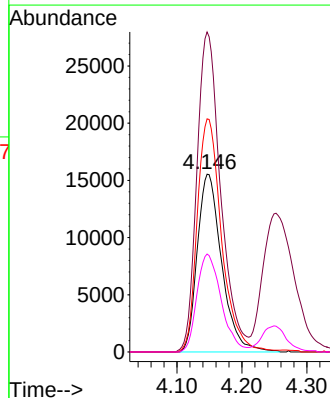
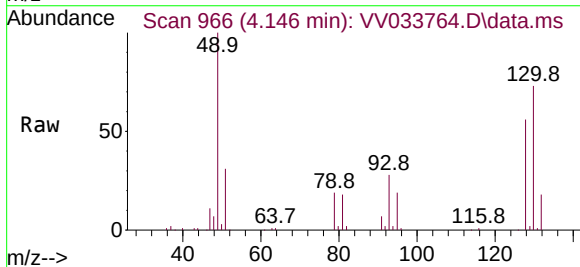
Instrument :
MSVOA_V
ClientSampleId :

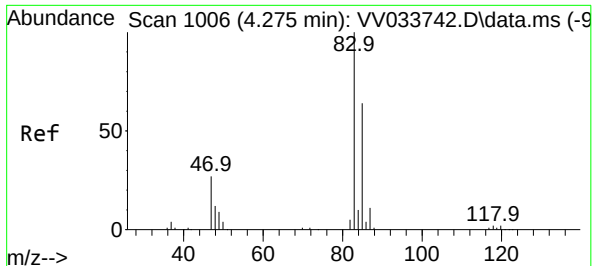
Tgt Ion: 43 Resp: 95487
Ion Ratio Lower Upper
43 100
72 22.8 11.9 35.5



#23
Bromochloromethane
Concen: 48.265 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 128 Resp: 40617
Ion Ratio Lower Upper
128 100
49 180.0 143.9 267.2
130 131.1 90.6 168.2
51 55.1 51.0 76.6

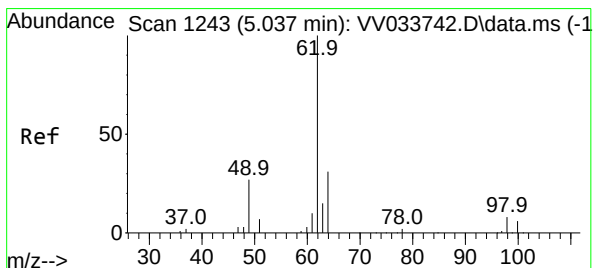
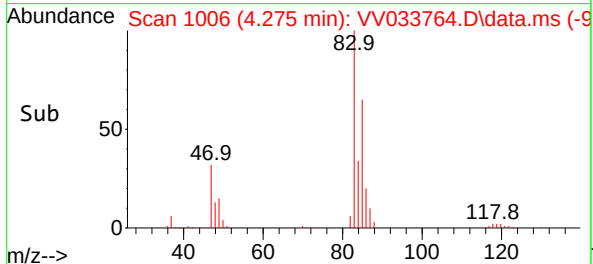
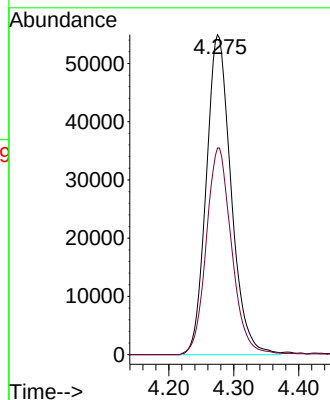
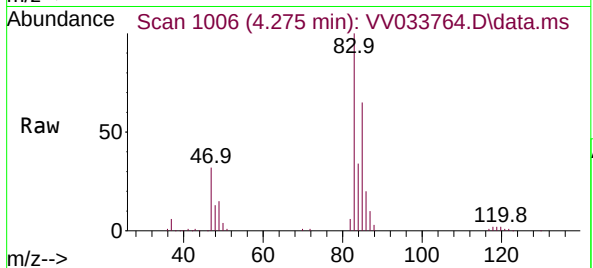




#25
Chloroform
Concen: 48.392 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

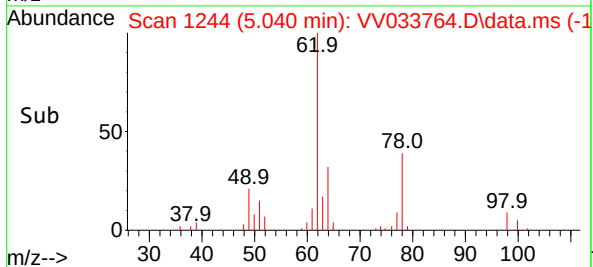
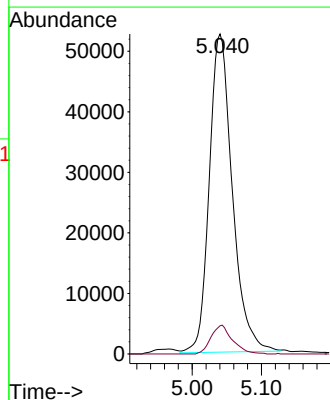
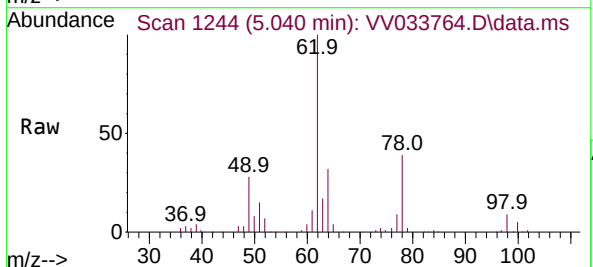
Instrument :
MSVOA_V
ClientSampleId :

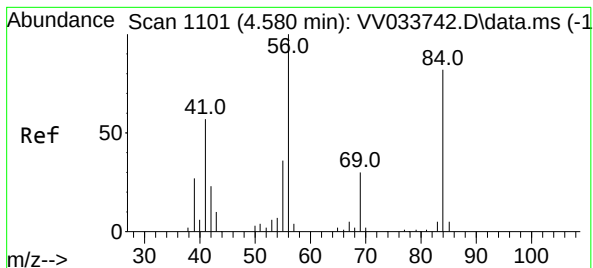
Tgt Ion: 83 Resp: 145998
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.9



#27
1,2-Dichloroethane
Concen: 48.222 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 62 Resp: 121518
Ion Ratio Lower Upper
62 100
98 8.8 6.8 10.2





#29

Cyclohexane

Concen: 42.825 ug/L

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

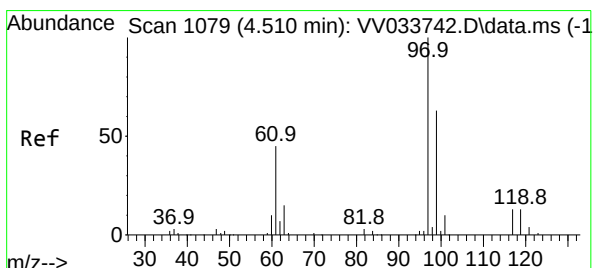
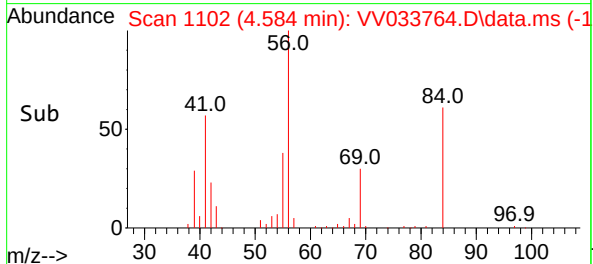
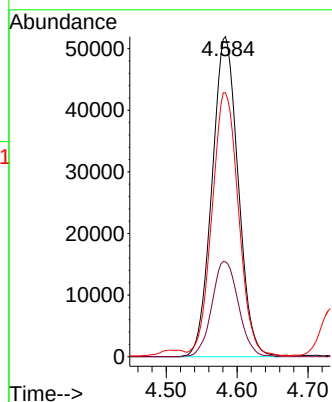
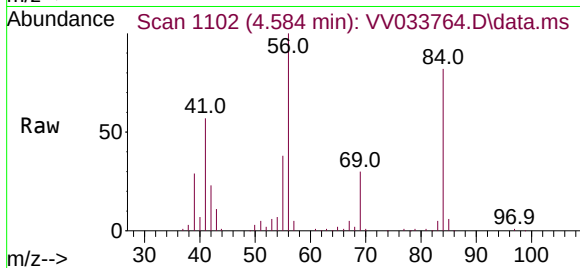
Tgt Ion: 56 Resp: 133163

Ion Ratio Lower Upper

56 100

69 30.1 23.8 35.6

84 83.1 63.8 95.6



#30

1,1,1-Trichloroethane

Concen: 50.103 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

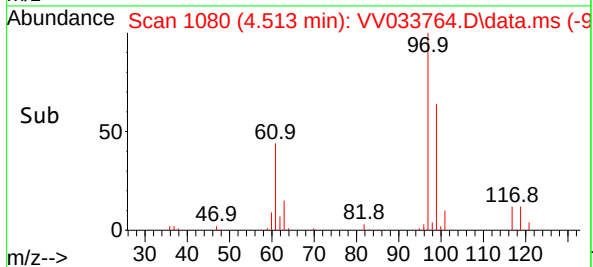
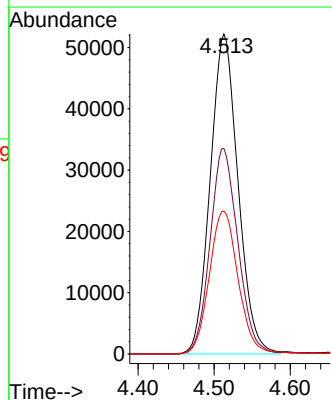
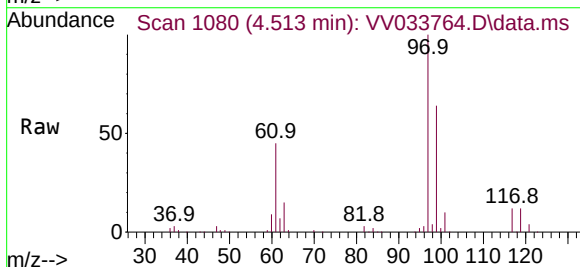
Tgt Ion: 97 Resp: 132620

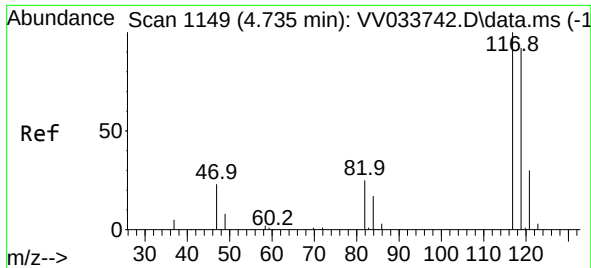
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 46.6 38.2 57.2

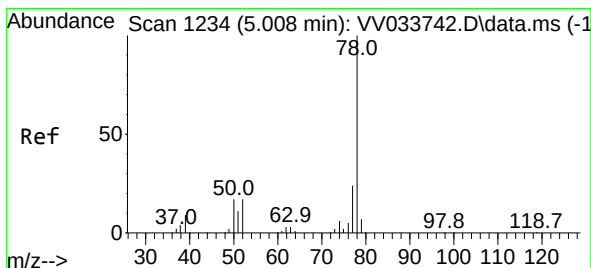
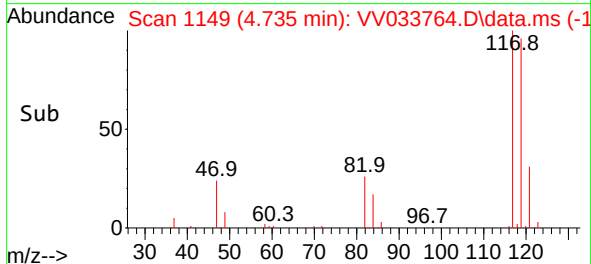
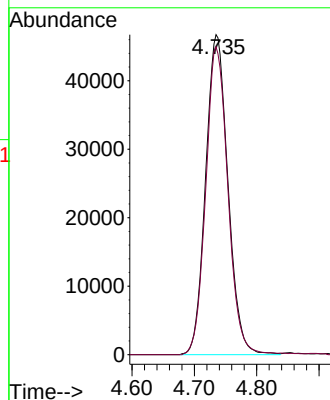
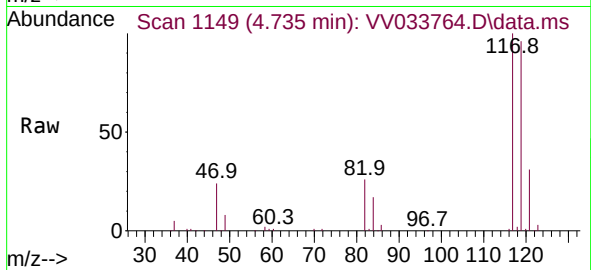




#31
Carbon tetrachloride
Concen: 51.497 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

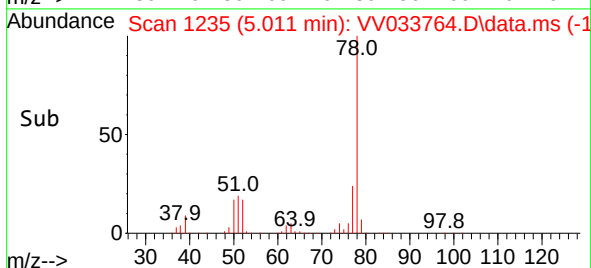
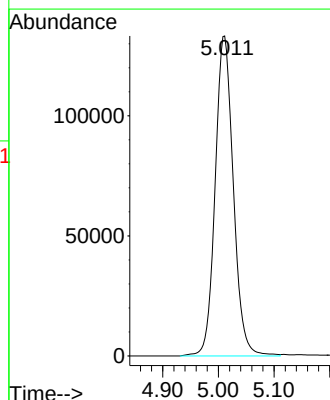
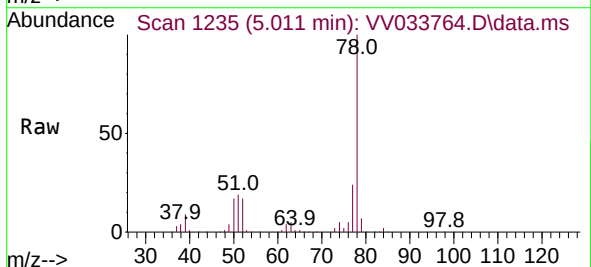
Instrument :
MSVOA_V
ClientSampleId :

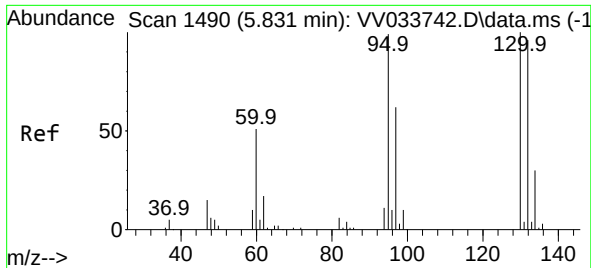
Tgt Ion:117 Resp: 116348
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4



#33
Benzene
Concen: 46.684 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 78 Resp: 302439



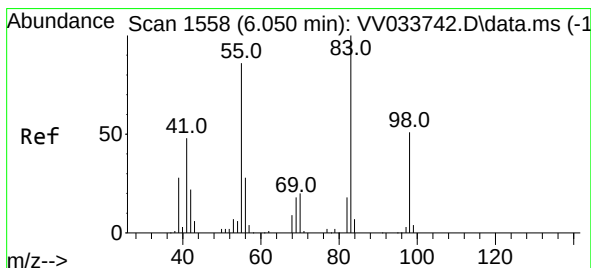
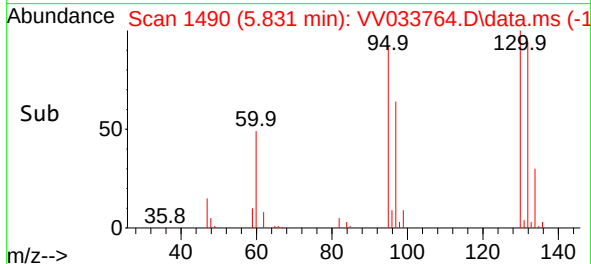
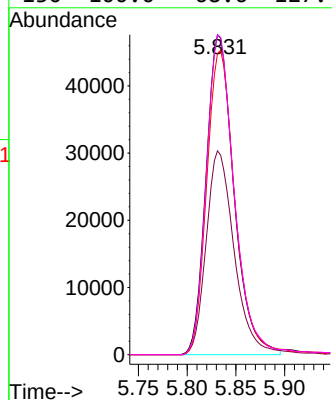
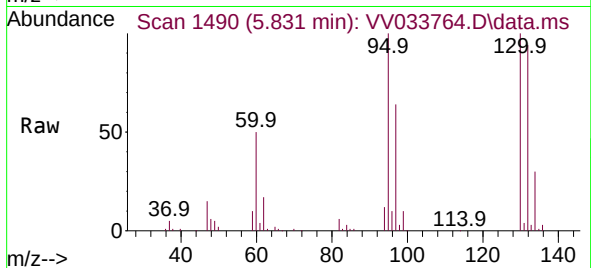


#34
Trichloroethene
Concen: 54.492 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 94696

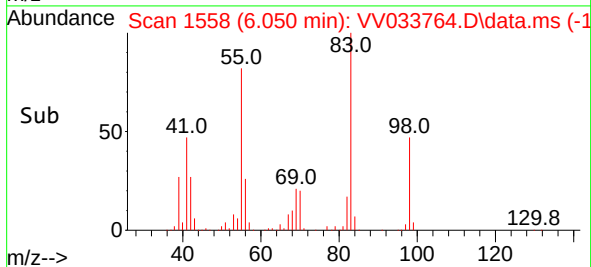
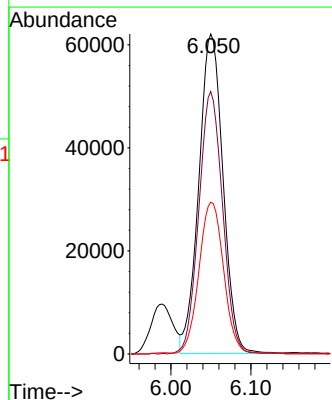
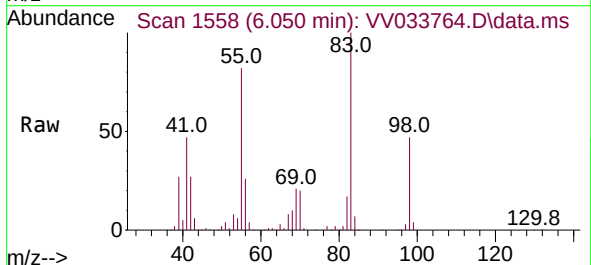
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	94.1	65.5	121.7
130	100.0	68.6	127.4

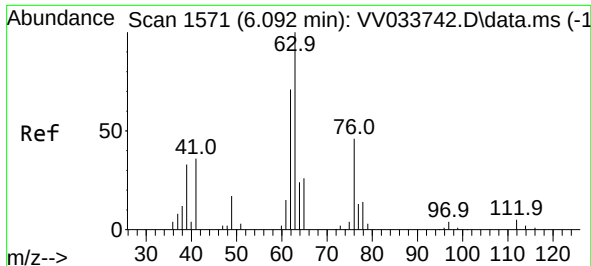


#35
Methylcyclohexane
Concen: 43.945 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 83 Resp: 130694

Ion	Ratio	Lower	Upper
83	100		
55	80.7	67.1	100.7
98	48.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 45.595 ug/L

RT: 6.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

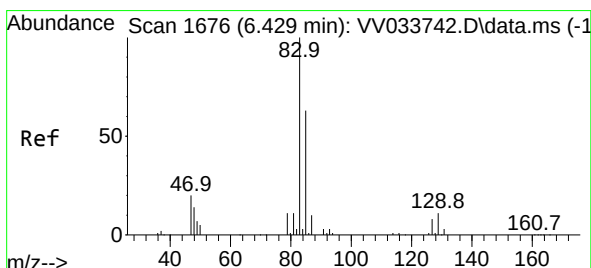
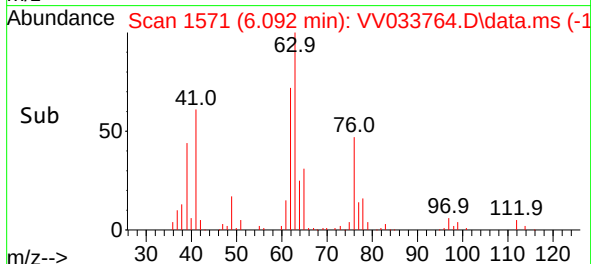
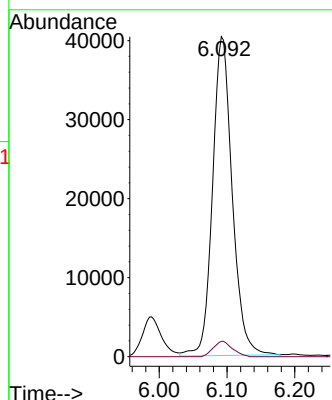
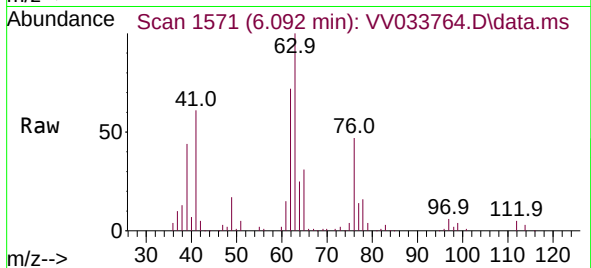
ClientSampleId :

Tgt Ion: 63 Resp: 81283

Ion Ratio Lower Upper

63 100

112 4.7 3.1 4.7#



#38

Bromodichloromethane

Concen: 48.298 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. 0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

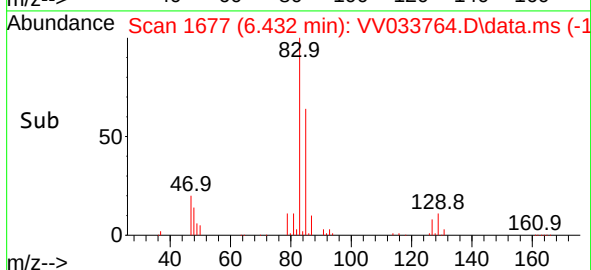
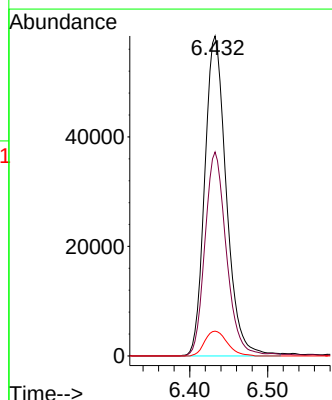
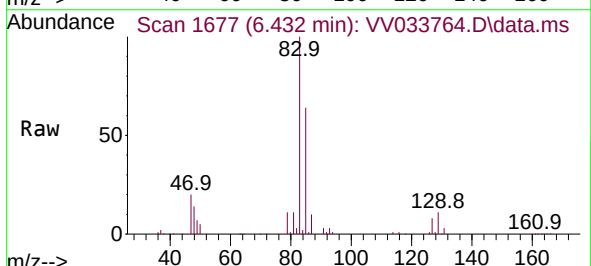
Tgt Ion: 83 Resp: 112637

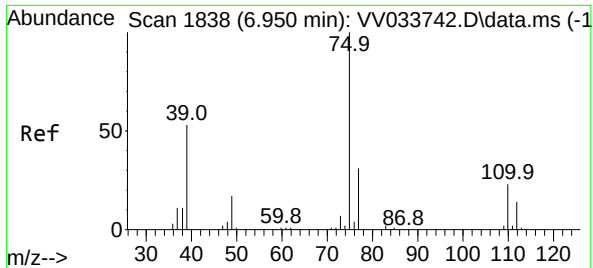
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7

127 7.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 44.897 ug/L

RT: 6.953 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

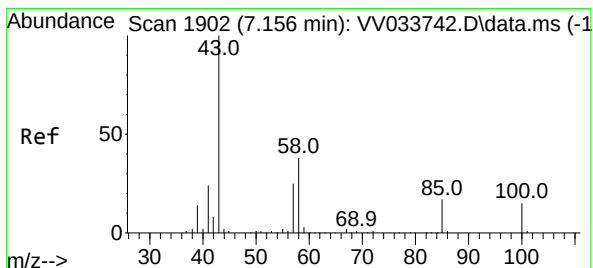
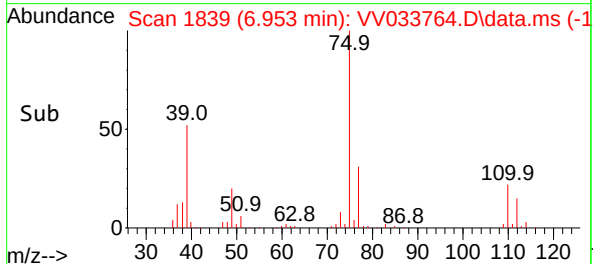
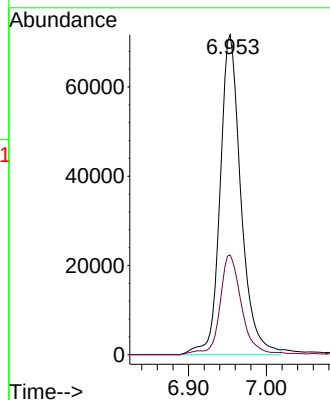
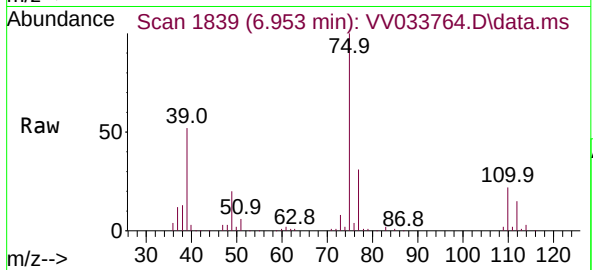
ClientSampleId :

Tgt Ion: 75 Resp: 133659

Ion Ratio Lower Upper

75 100

77 31.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 81.169 ug/L

RT: 7.156 min Scan# 1902

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

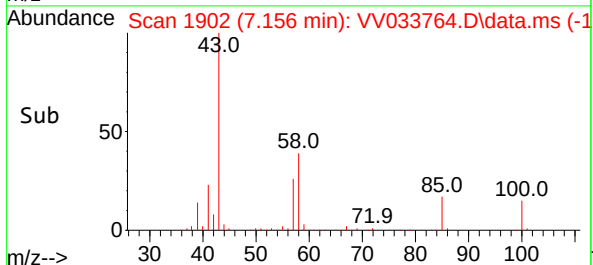
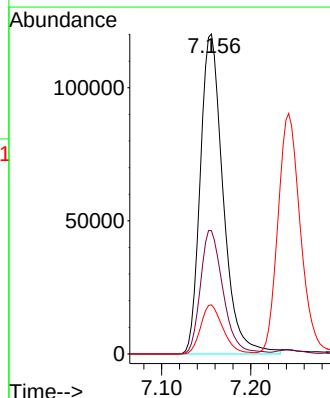
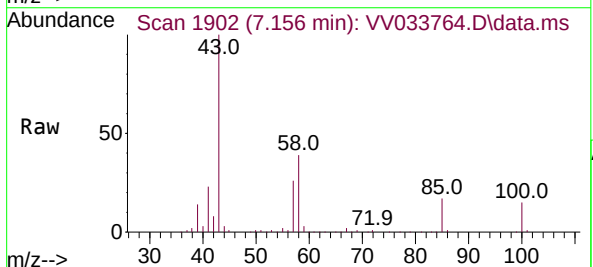
Tgt Ion: 43 Resp: 214409

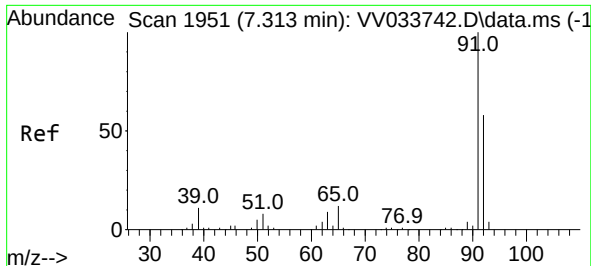
Ion Ratio Lower Upper

43 100

58 38.4 29.6 44.4

100 14.9 10.6 16.0





#42

Toluene

Concen: 47.096 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

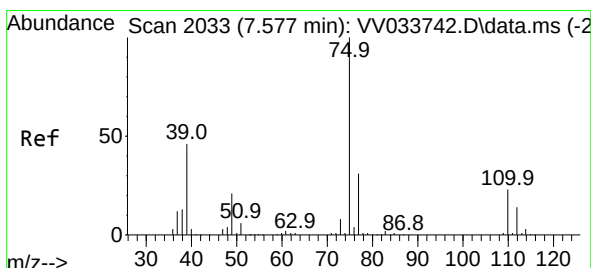
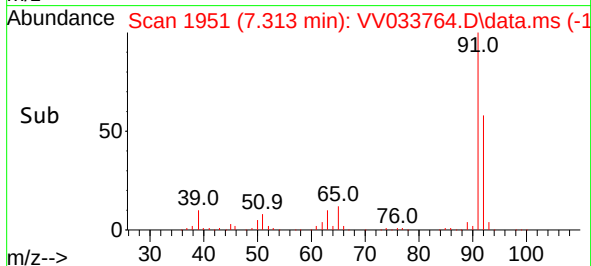
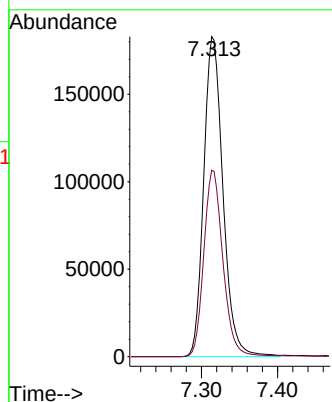
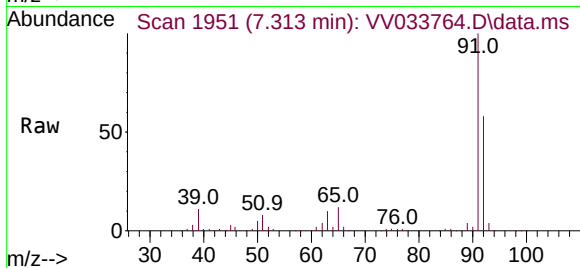
ClientSampleId :

Tgt Ion: 91 Resp: 322527

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 45.463 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV033764.D

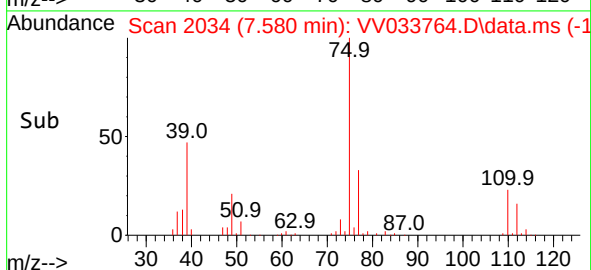
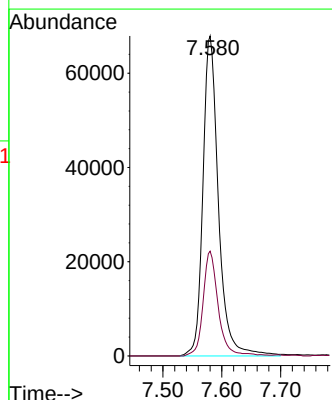
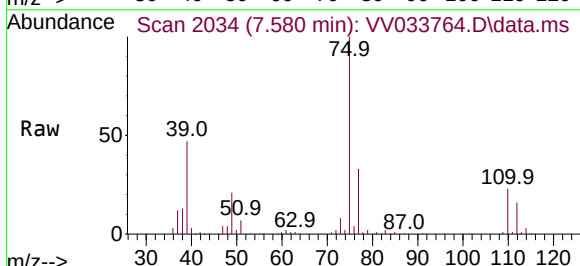
Acq: 19 Jan 2024 19:12

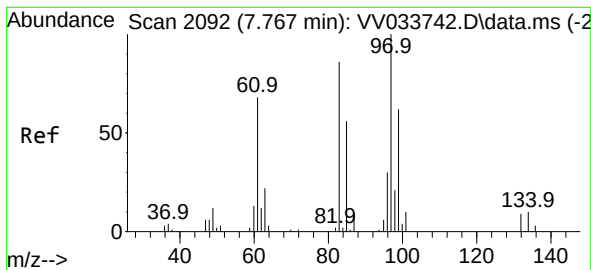
Tgt Ion: 75 Resp: 124720

Ion Ratio Lower Upper

75 100

77 32.7 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 47.045 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 76096

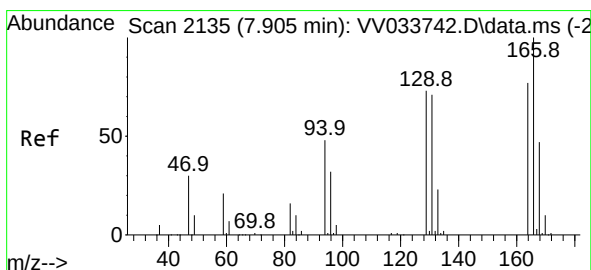
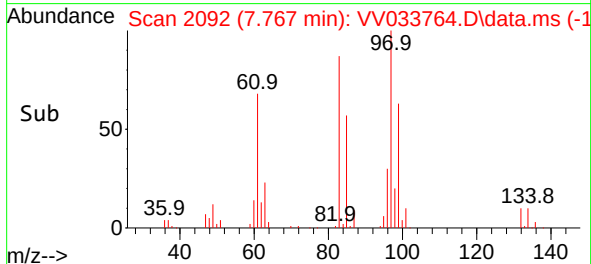
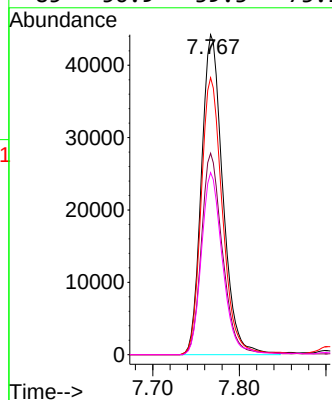
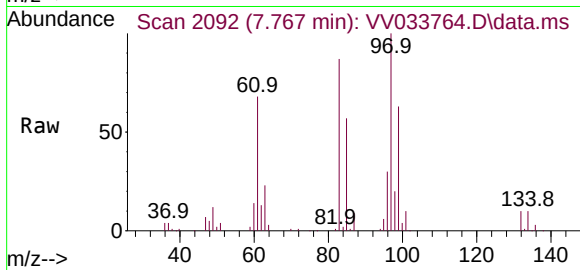
Ion Ratio Lower Upper

97 100

99 62.9 42.8 79.6

83 86.5 61.2 113.8

85 56.9 39.3 73.1



#46

Tetrachloroethene

Concen: 58.572 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Tgt Ion: 164 Resp: 74658

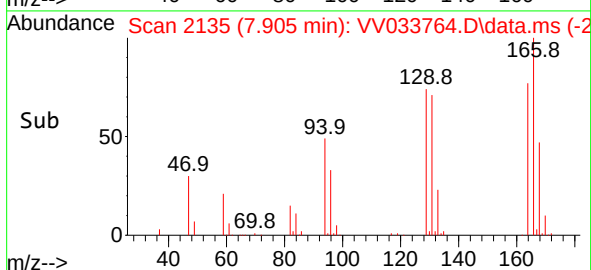
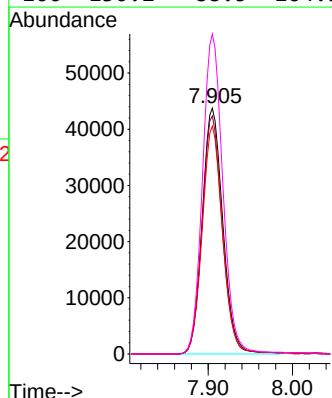
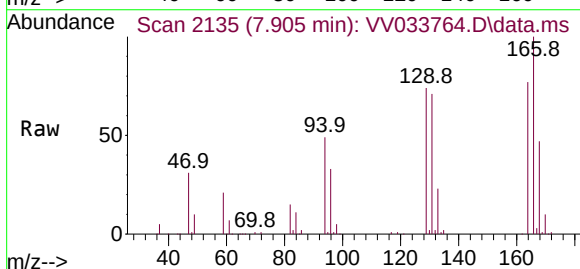
Ion Ratio Lower Upper

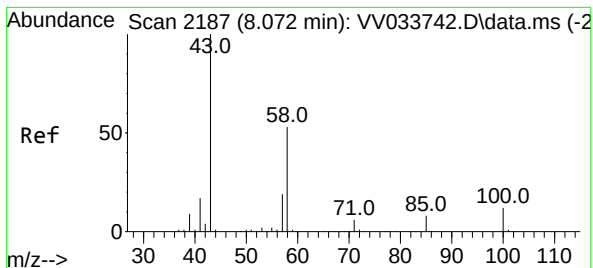
164 100

129 96.9 66.1 122.7

131 92.7 65.9 122.5

166 130.2 88.5 164.3





#48

2-Hexanone

Concen: 73.218 ug/L

RT: 8.072 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 154109

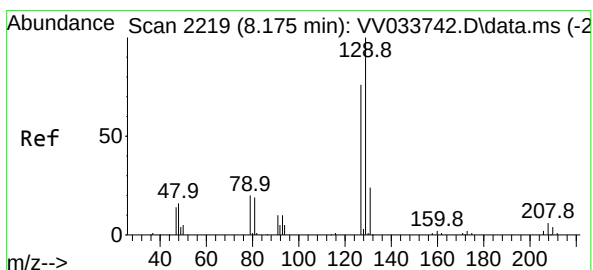
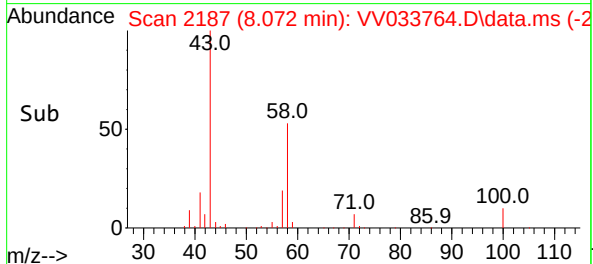
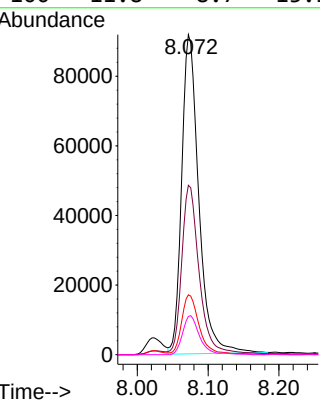
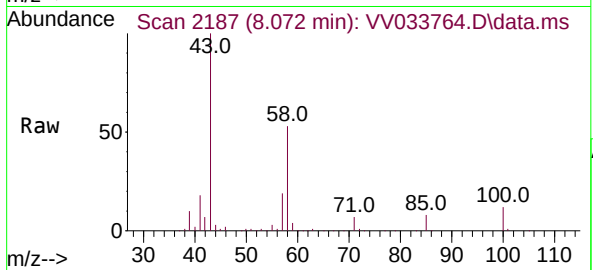
Ion Ratio Lower Upper

43 100

58 53.7 42.3 63.5

57 19.0 14.2 21.2

100 11.8 8.7 13.1



#49

Dibromochloromethane

Concen: 48.395 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. -0.000 min

Lab File: VV033764.D

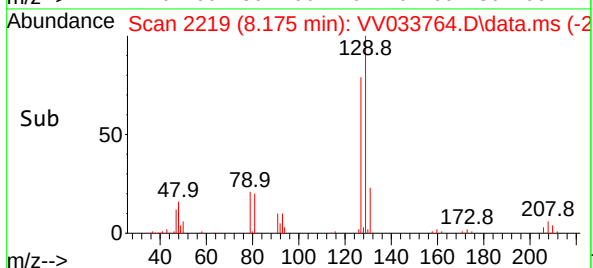
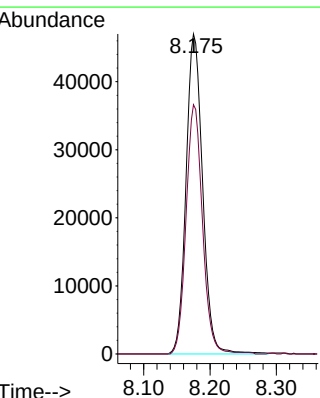
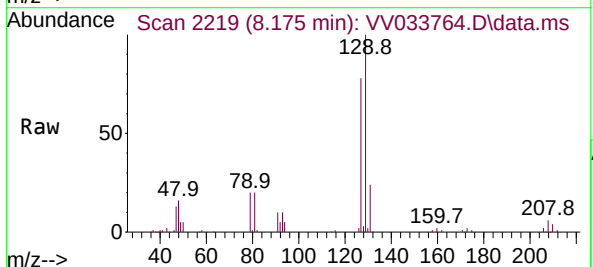
Acq: 19 Jan 2024 19:12

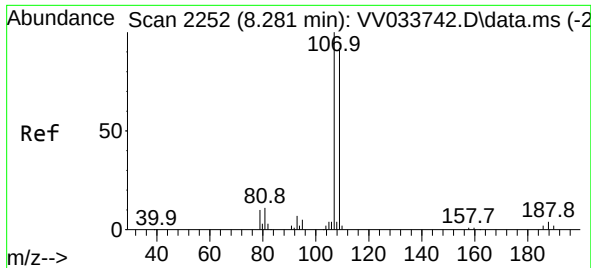
Tgt Ion:129 Resp: 81529

Ion Ratio Lower Upper

129 100

127 77.9 54.5 101.3

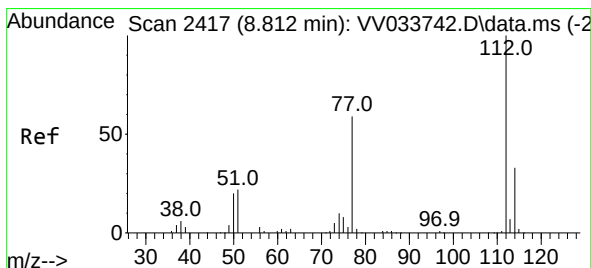
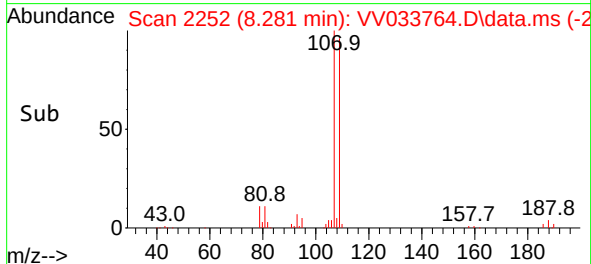
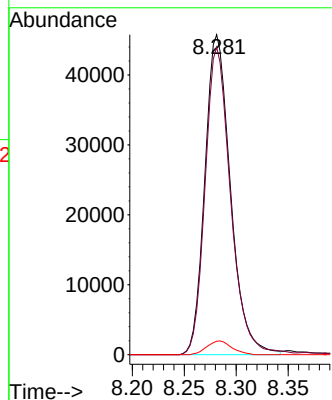
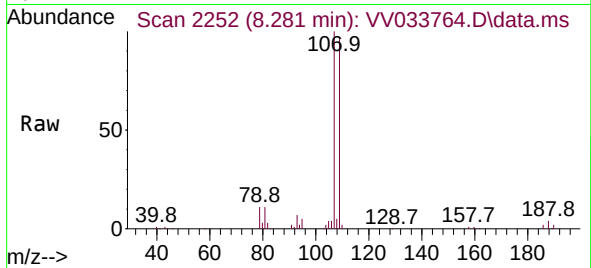




#50
1,2-Dibromoethane
Concen: 45.892 ug/L
RT: 8.281 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

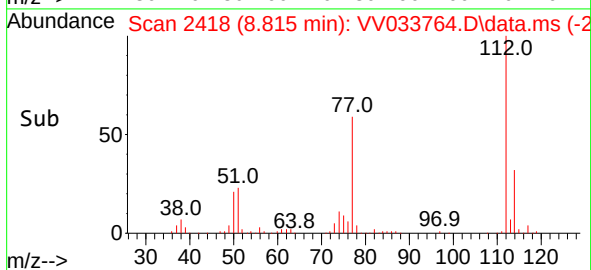
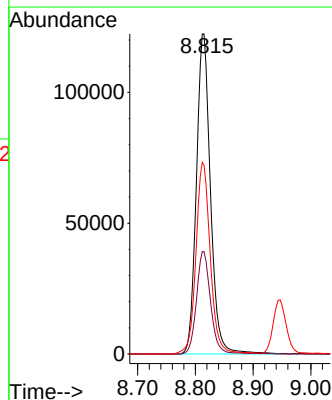
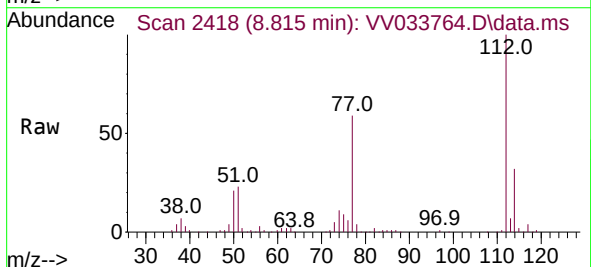
Instrument :
MSVOA_V
ClientSampleId :

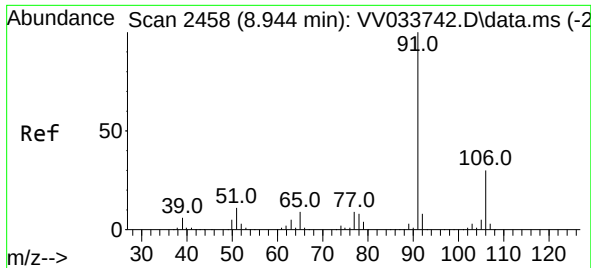
Tgt Ion:107 Resp: 78446
Ion Ratio Lower Upper
107 100
109 96.1 66.4 123.4
188 4.2 2.7 4.1#



#51
Chlorobenzene
Concen: 47.589 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion:112 Resp: 207594
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.7
77 59.0 49.4 74.0

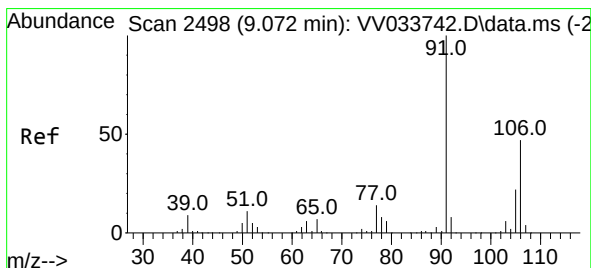
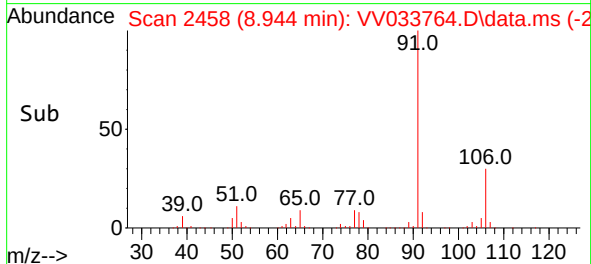
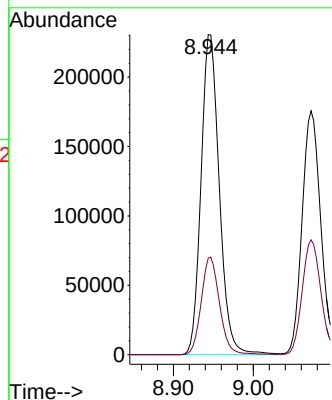
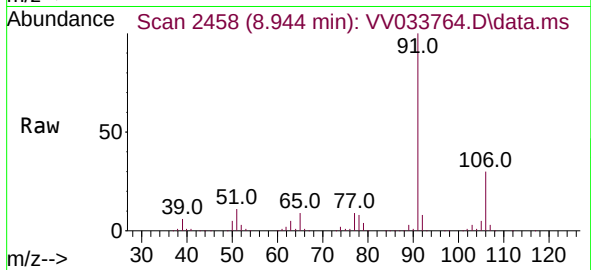




#52
Ethylbenzene
Concen: 46.301 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

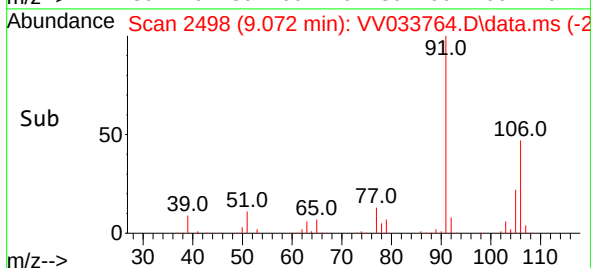
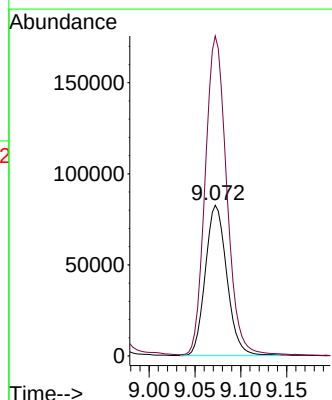
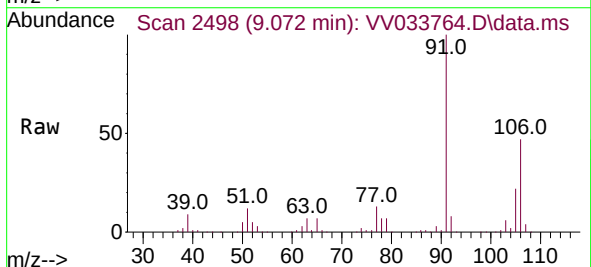
Instrument :
MSVOA_V
ClientSampleId :

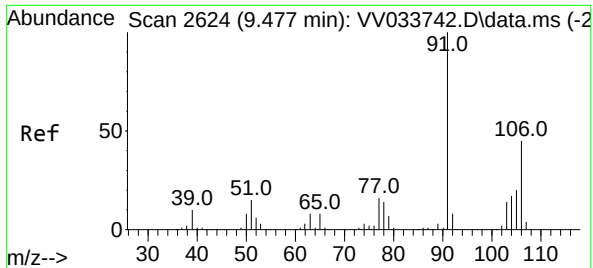
Tgt Ion: 91 Resp: 367259
Ion Ratio Lower Upper
91 100
106 30.1 21.5 39.9



#53
m,p-Xylene
Concen: 46.065 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 106 Resp: 134893
Ion Ratio Lower Upper
106 100
91 212.2 146.1 271.3

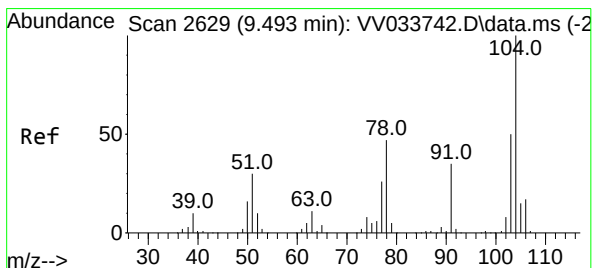
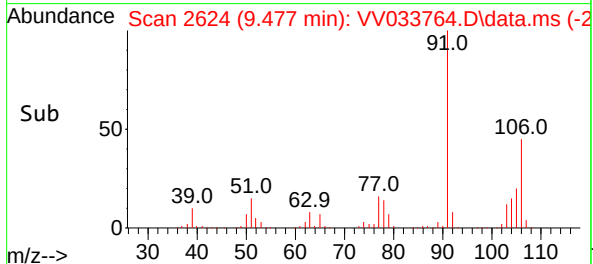
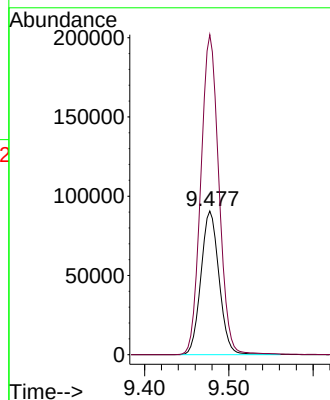
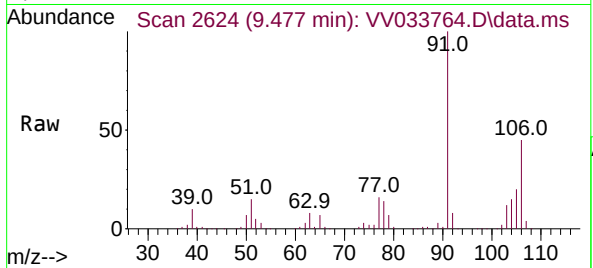




#54
o-Xylene
Concen: 46.940 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

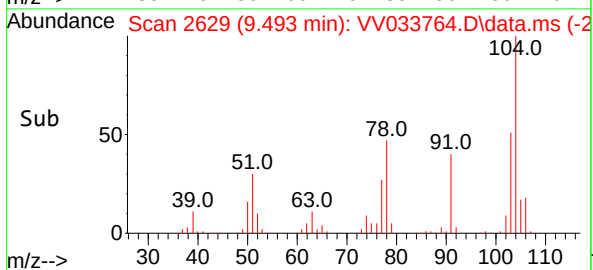
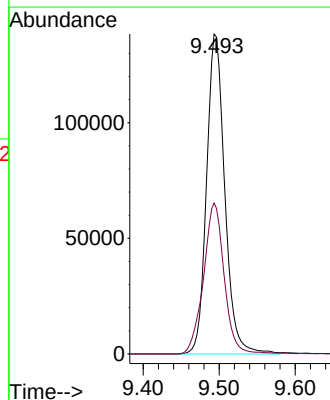
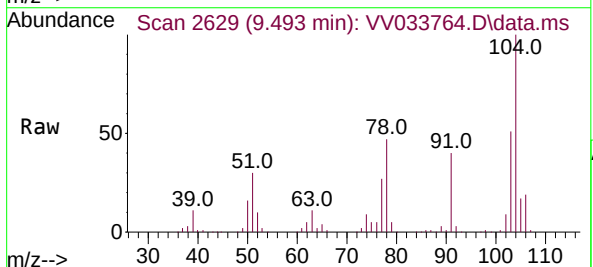
Instrument :
MSVOA_V
ClientSampleId :

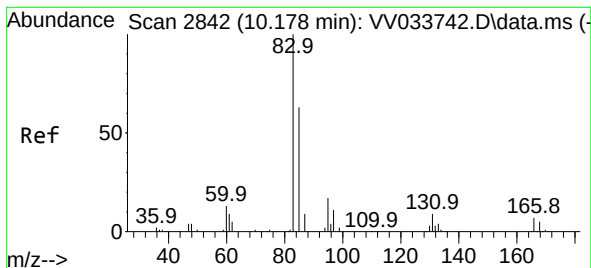
Tgt Ion:106 Resp: 136081
Ion Ratio Lower Upper
106 100
91 222.6 155.2 288.2



#55
Styrene
Concen: 46.030 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion:104 Resp: 230386
Ion Ratio Lower Upper
104 100
78 47.2 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 44.679 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

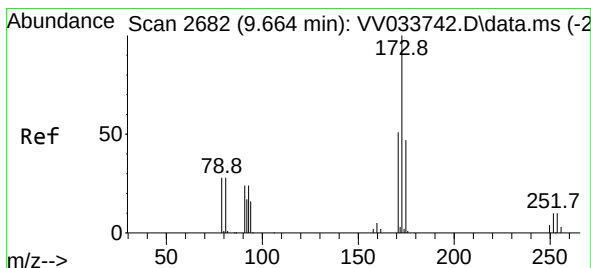
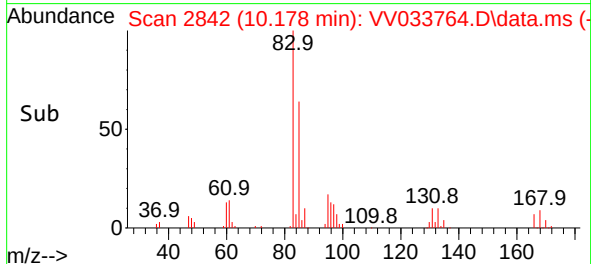
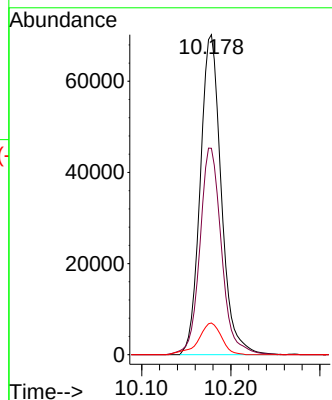
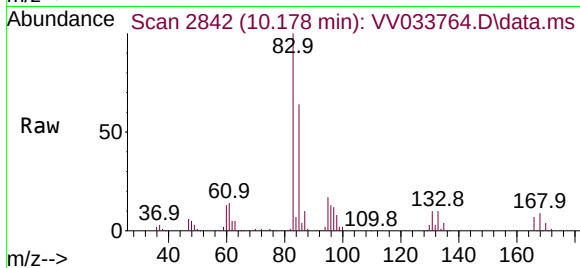
Tgt Ion: 83 Resp: 115014

Ion Ratio Lower Upper

83 100

85 64.5 44.9 83.5

131 9.9 7.5 11.3



#59

Bromoform

Concen: 47.533 ug/L

RT: 9.664 min Scan# 2682

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

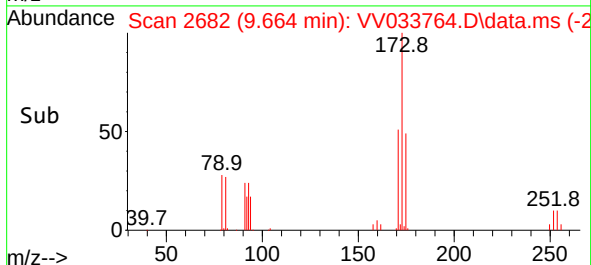
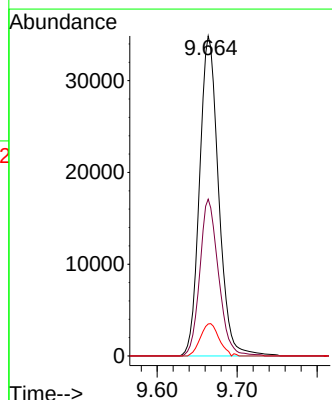
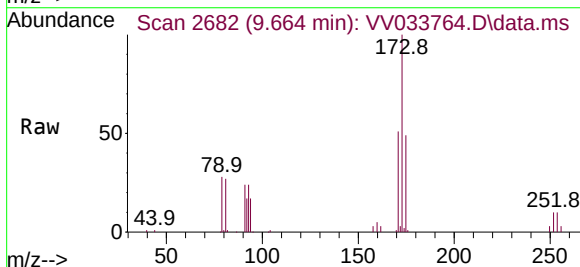
Tgt Ion: 173 Resp: 57904

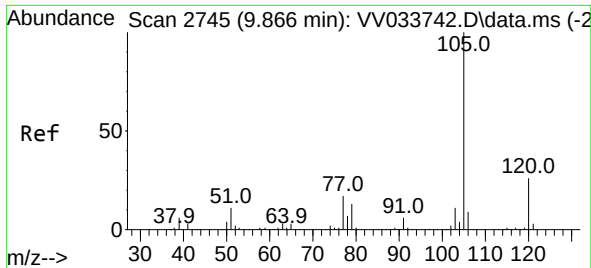
Ion Ratio Lower Upper

173 100

175 48.0 37.2 55.8

254 9.8 7.4 11.0

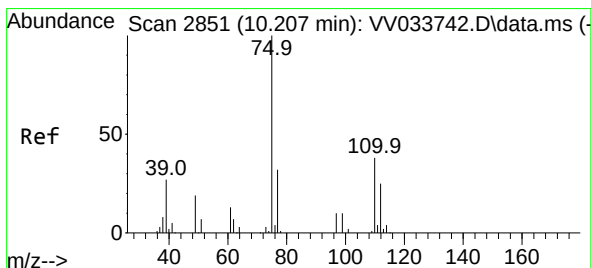
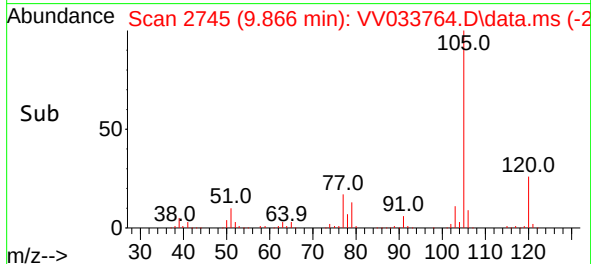
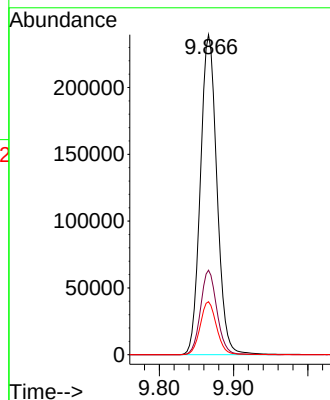
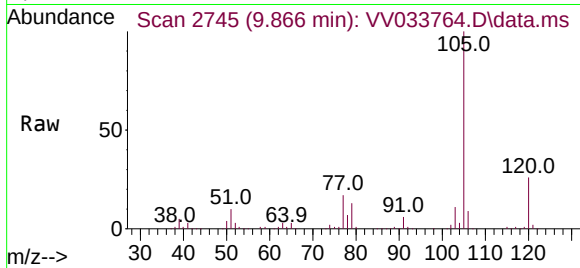




#60
Isopropylbenzene
Concen: 47.855 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

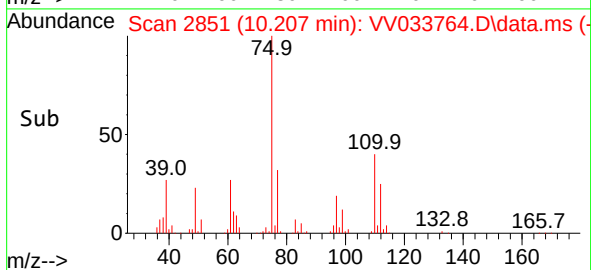
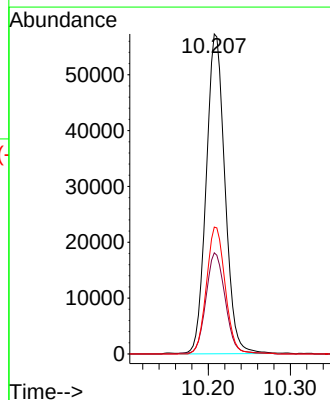
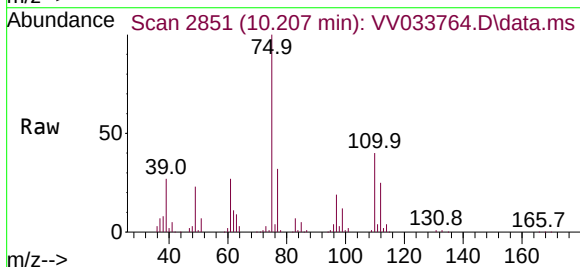
Instrument :
MSVOA_V
ClientSampleId :

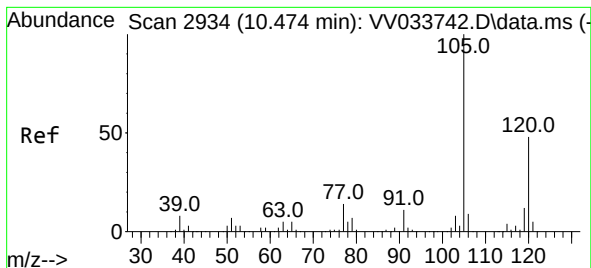
Tgt Ion:105 Resp: 371111
Ion Ratio Lower Upper
105 100
120 26.1 20.6 31.0
77 16.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 44.722 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion: 75 Resp: 90972
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 39.5 29.5 44.3





#62

1,3,5-Trimethylbenzene

Concen: 47.108 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

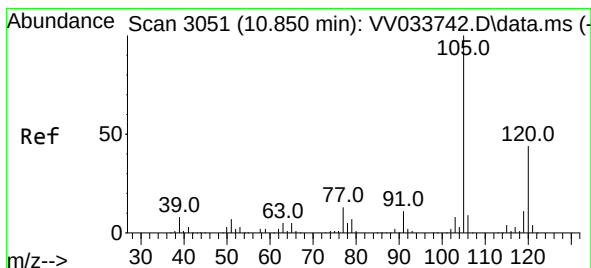
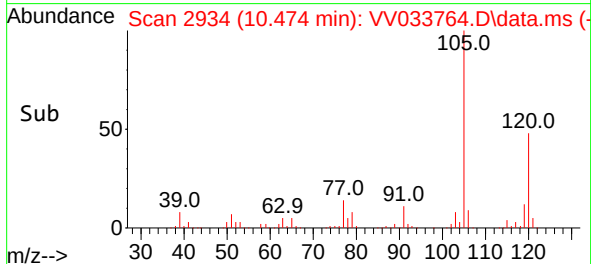
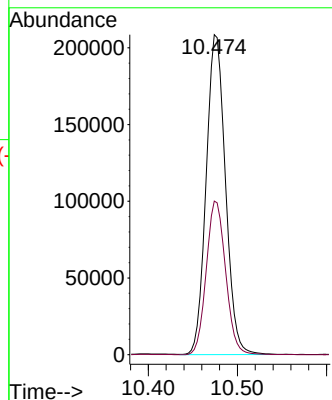
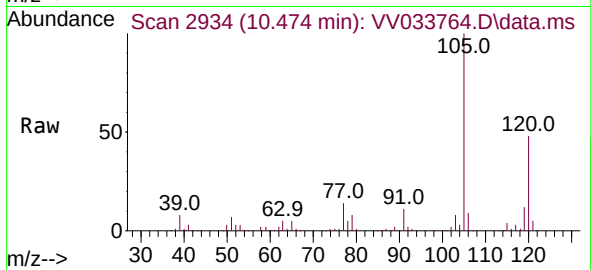
ClientSampleId :

Tgt Ion:105 Resp: 313443

Ion Ratio Lower Upper

105 100

120 48.2 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 47.517 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033764.D

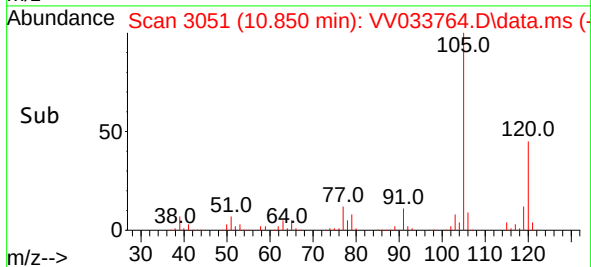
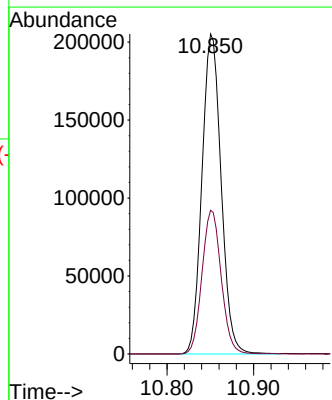
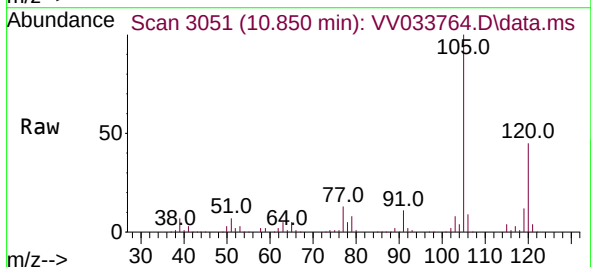
Acq: 19 Jan 2024 19:12

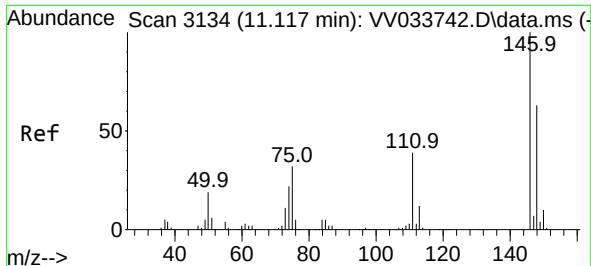
Tgt Ion:105 Resp: 315022

Ion Ratio Lower Upper

105 100

120 45.0 35.4 53.0

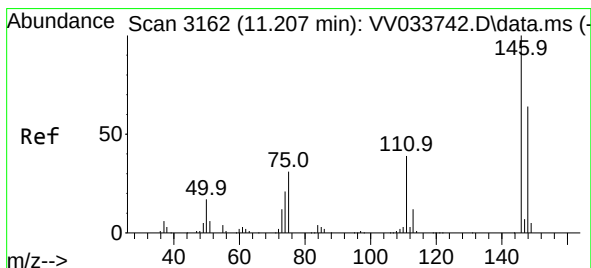
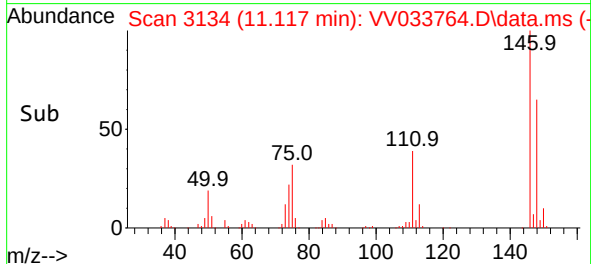
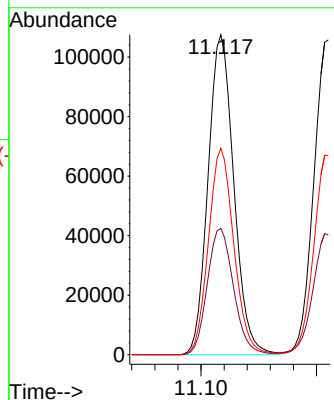
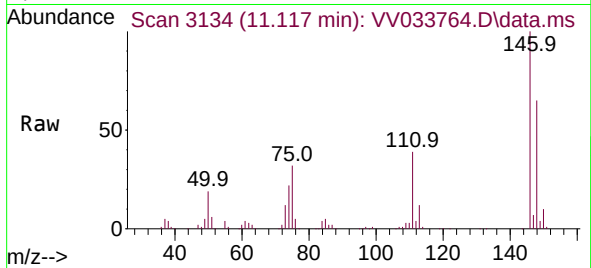




#64
1,3-Dichlorobenzene
Concen: 47.536 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

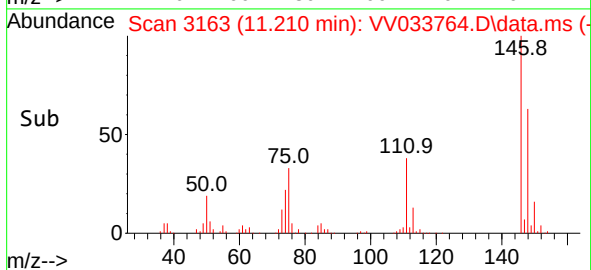
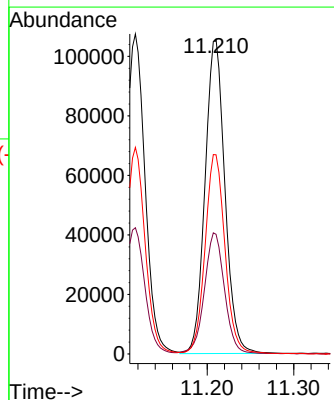
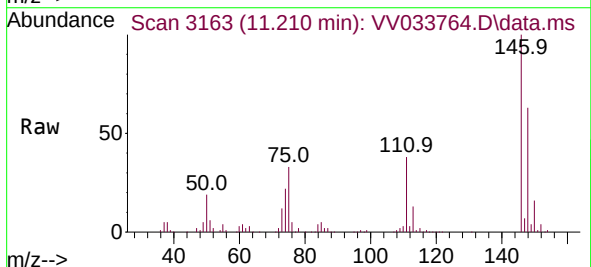
Instrument :
MSVOA_V
ClientSampleId :

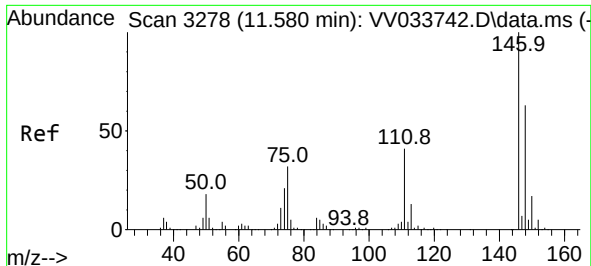
Tgt Ion:146 Resp: 166512
Ion Ratio Lower Upper
146 100
111 39.5 29.0 53.8
148 64.6 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 47.827 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion:146 Resp: 167984
Ion Ratio Lower Upper
146 100
111 38.0 27.7 51.5
148 63.3 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 49.003 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

Instrument :

MSVOA_V

ClientSampleId :

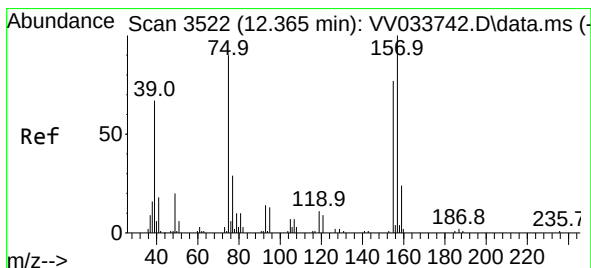
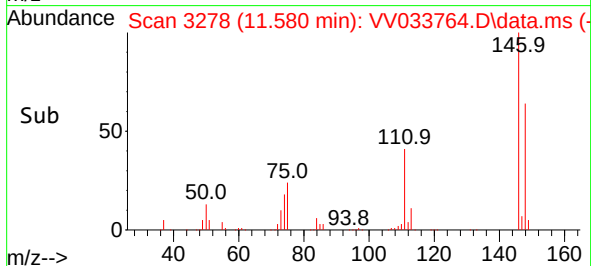
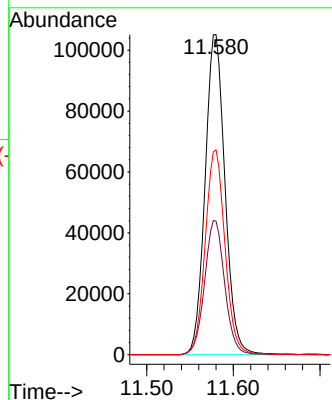
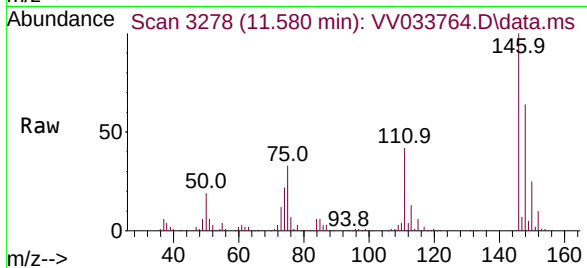
Tgt Ion:146 Resp: 167721

Ion Ratio Lower Upper

146 100

111 41.7 35.4 53.0

148 64.0 52.0 78.0



#68

1,2-Dibromo-3-chloropropane

Concen: 42.788 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033764.D

Acq: 19 Jan 2024 19:12

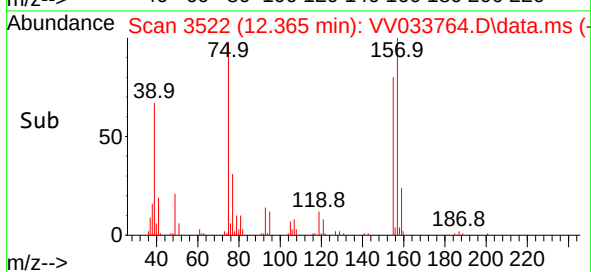
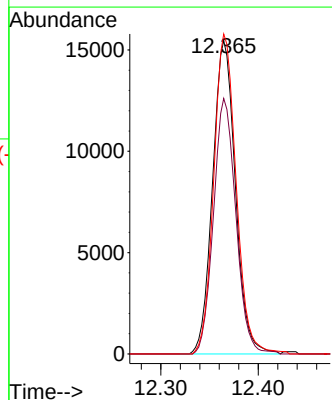
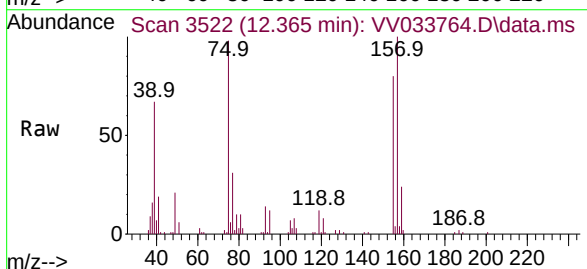
Tgt Ion: 75 Resp: 25116

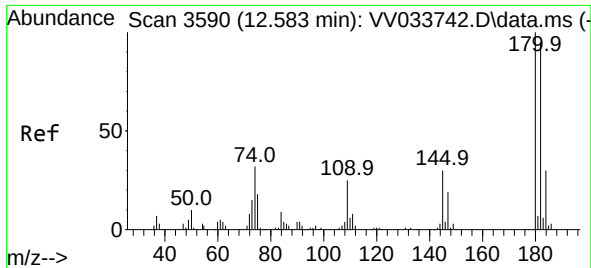
Ion Ratio Lower Upper

75 100

155 81.5 61.6 92.4

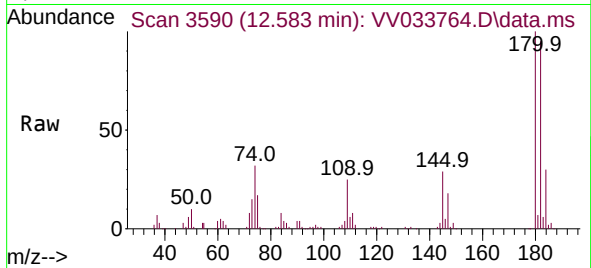
157 102.1 79.2 118.8



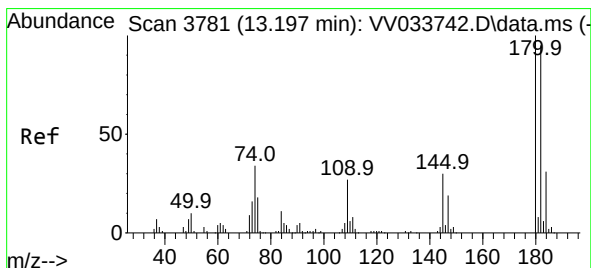
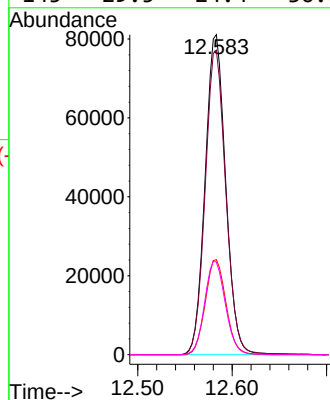
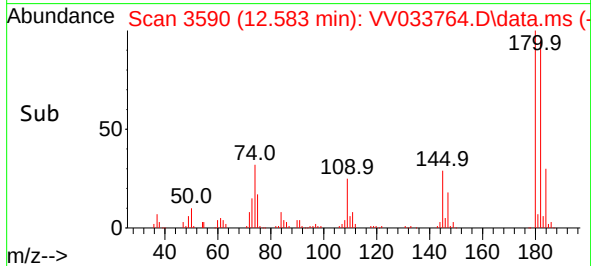


#69
 1,3,5-Trichlorobenzene
 Concen: 47.371 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12

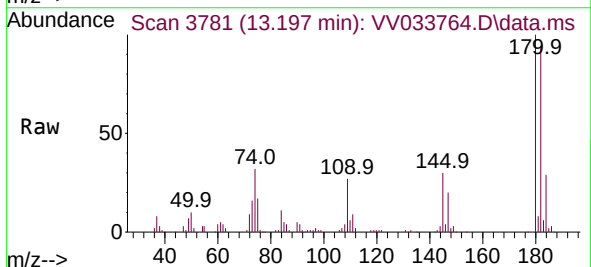
Instrument :
 MSVOA_V
 ClientSampleId :



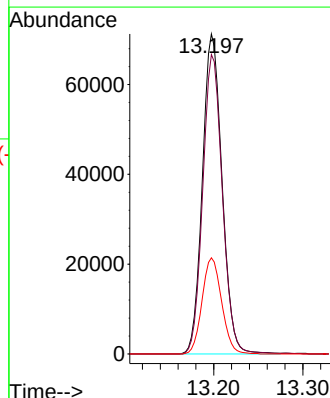
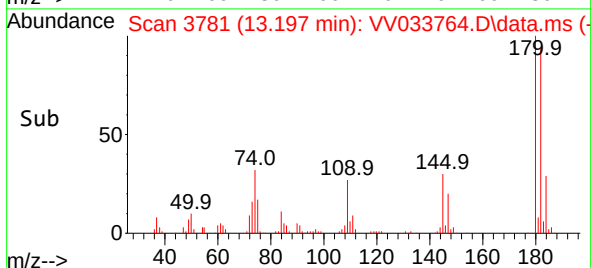
Tgt Ion:180 Resp: 122617
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.2
 184 29.8 23.9 35.9
 145 29.5 24.4 36.6

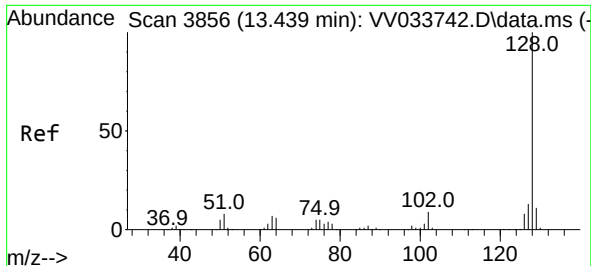


#70
 1,2,4-trichlorobenzene
 Concen: 46.424 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. -0.000 min
 Lab File: VV033764.D
 Acq: 19 Jan 2024 19:12



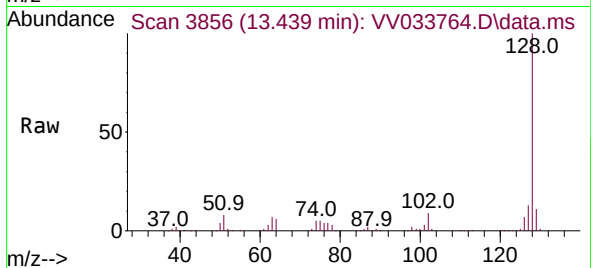
Tgt Ion:180 Resp: 109069
 Ion Ratio Lower Upper
 180 100
 182 93.3 76.3 114.5
 145 29.8 25.4 38.0



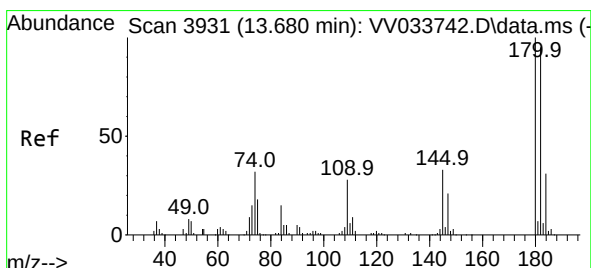
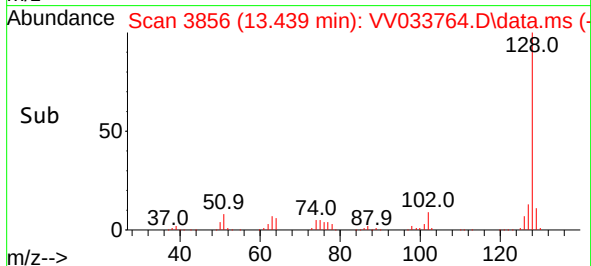
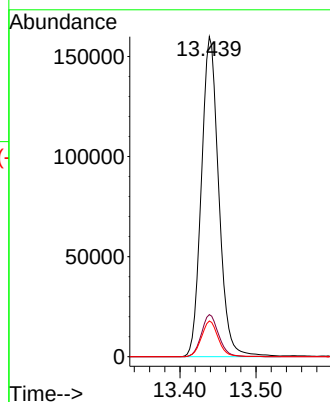


#71
Naphthalene
Concen: 41.324 ug/L
RT: 13.439 min Scan# 3856
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 253695
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 47.773 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033764.D
Acq: 19 Jan 2024 19:12

Tgt Ion:180 Resp: 104761
Ion Ratio Lower Upper
180 100
182 93.7 76.0 114.0
145 32.3 26.3 39.5

