

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011724\
 Data File : VW033727.D
 Acq On : 17 Jan 2024 18:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 18 00:08:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	113278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	104537	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	55755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	16858	2.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.535	69	17188	3.129	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	62.600%#
11) 1,1-Dichloroethene-d2	2.063	65	8433	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.818	46	69496	45.887	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.780%
24) Chloroform-d	4.256	84	52676	3.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.600%
26) 1,2-Dichloroethane-d4	4.947	65	24376	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	4.966	84	86750	3.439	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.800%#
36) 1,2-Dichloropropane-d6	5.992	67	29482	3.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.200%
41) Toluene-d8	7.246	98	76367	3.391	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	7.561	79	10402	3.578	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.027	63	51318	44.959	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.920%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	21313	4.337	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	33194	3.878	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	46358	4.492	ug/L	99
3) Chloromethane	1.217	50	50785	4.104	ug/L	98
5) Vinyl chloride	1.285	62	51914	4.406	ug/L	94
6) Bromomethane	1.490	94	19234	3.264	ug/L	97
8) Chloroethane	1.551	64	34241	4.784	ug/L	94
9) Trichlorofluoromethane	1.719	101	72330	5.052	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	39385	4.895	ug/L	99
12) 1,1-Dichloroethene	2.072	96	37469	4.692	ug/L	92
13) Acetone	2.146	43	48874	39.752	ug/L	93
14) Carbon disulfide	2.243	76	127877	4.328	ug/L	98
15) Methyl Acetate	2.391	43	13226	4.501	ug/L	96
16) Methylene chloride	2.449	84	42511	4.511	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	84533	4.675	ug/L	98
18) trans-1,2-Dichloroethene	2.696	96	41132	4.560	ug/L	96
19) 1,1-Dichloroethane	3.114	63	80298	4.480	ug/L	99
21) 2-Butanone	3.899	43	72446	42.449	ug/L	95
22) cis-1,2-Dichloroethene	3.818	96	43647	4.621	ug/L	97
23) Bromochloromethane	4.153	128	16728	4.856	ug/L	91
25) Chloroform	4.278	83	76611	4.655	ug/L	100

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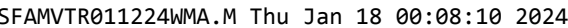
Instrument :
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 ClientSampleId :

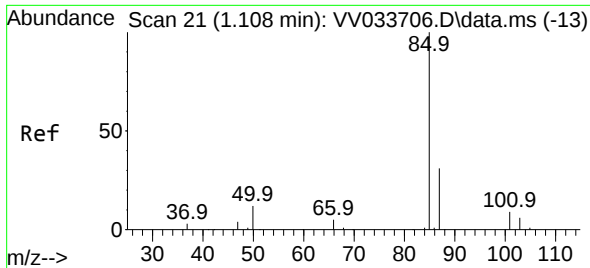
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 18 00:02:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.047	62	43478	4.637	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	70782	4.775	ug/L	99
30) Cyclohexane	4.583	56	74057	4.169	ug/L	94
31) Carbon tetrachloride	4.738	117	61434	4.862	ug/L	98
33) Benzene	5.014	78	167036	4.501	ug/L	100
34) Trichloroethene	5.834	95	44061	4.460	ug/L	96
35) Methylcyclohexane	6.050	83	73741	4.410	ug/L	96
37) 1,2-Dichloropropane	6.095	63	41893	4.545	ug/L	99
38) Bromodichloromethane	6.436	83	51882	4.618	ug/L	97
39) cis-1,3-Dichloropropene	6.956	75	60594	4.604	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	185559	43.795	ug/L	99
42) Toluene	7.316	91	181504	4.624	ug/L	100
44) trans-1,3-Dichloropropene	7.587	75	46945	4.426	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	23989	4.685	ug/L	97
47) Tetrachloroethene	7.905	164	34184	4.816	ug/L	96
48) 2-Hexanone	8.079	43	130107	41.917	ug/L	97
49) Dibromochloromethane	8.178	129	30411	4.770	ug/L	99
50) 1,2-Dibromoethane	8.284	107	22562	4.774	ug/L	99
51) Chlorobenzene	8.815	112	112845	4.693	ug/L	97
52) Ethylbenzene	8.947	91	212106	4.662	ug/L	99
53) m,p-Xylene	9.072	106	78589	4.688	ug/L	98
54) o-Xylene	9.477	106	75692	4.640	ug/L	99
55) Styrene	9.496	104	122325	4.705	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.178	83	26746	4.759	ug/L	99
59) Bromoform	9.667	173	15074	4.480	ug/L	99
60) Isopropylbenzene	9.866	105	197195	4.471	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	19592	4.384	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	172032	4.514	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	173916	4.520	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	89747	4.600	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	85871	4.495	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	77061	4.545	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	4292	4.369	ug/L	93
69) 1,3,5-Trichlorobenzene	12.583	180	69789	4.608	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	53948	4.275	ug/L	99
71) Naphthalene	13.442	128	67436	3.202	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	43373	4.286	ug/L	99

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

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QLast Update : Thu Jan 18 00:02:20 2024
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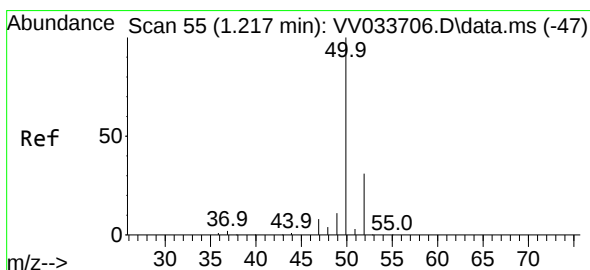
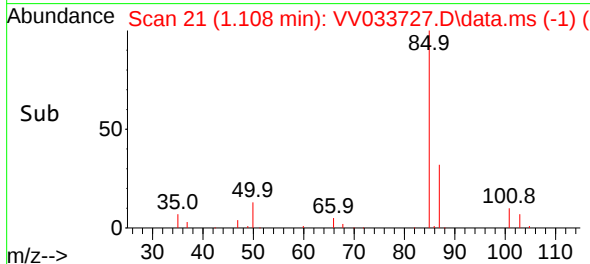
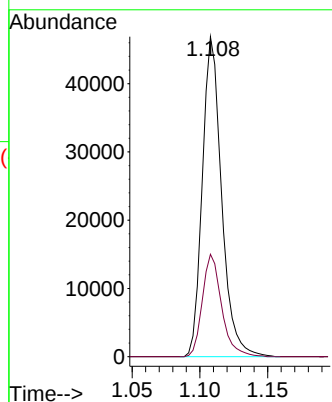
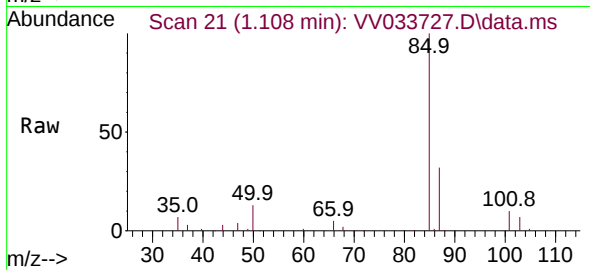




#2
 Dichlorodifluoromethane
 Concen: 4.492 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033727.D
 Acq: 17 Jan 2024 18:30

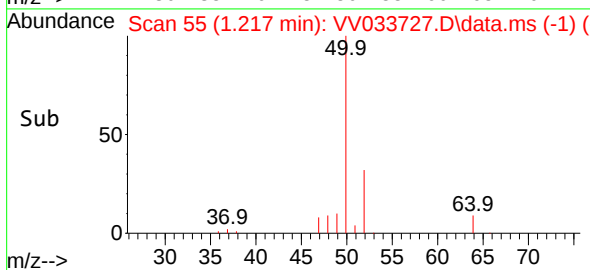
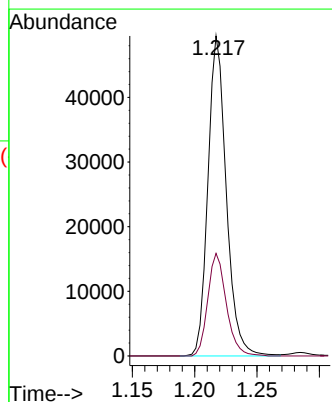
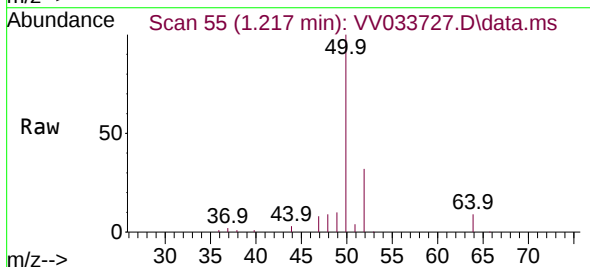
Instrument :
 MSVOA_V
 ClientSampleId :

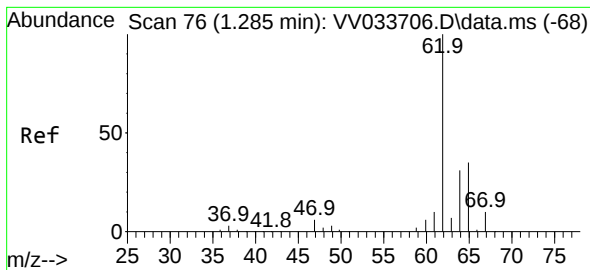
Tgt Ion: 85 Resp: 46358
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.2 37.8



#3
 Chloromethane
 Concen: 4.104 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033727.D
 Acq: 17 Jan 2024 18:30

Tgt Ion: 50 Resp: 50785
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9

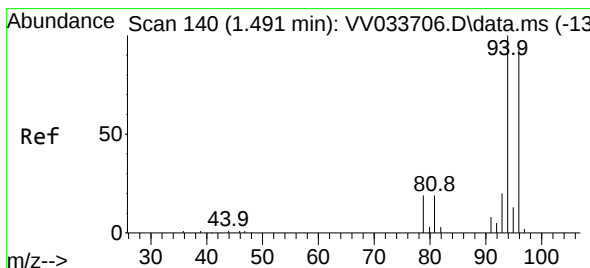
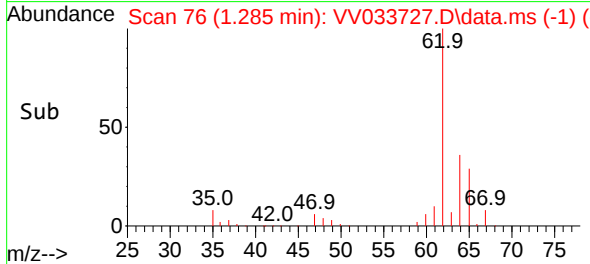
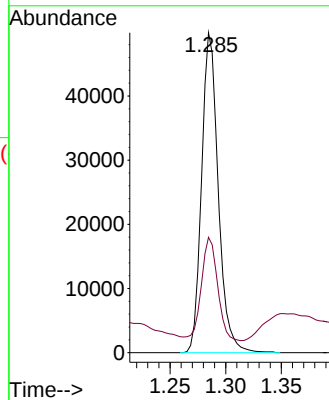
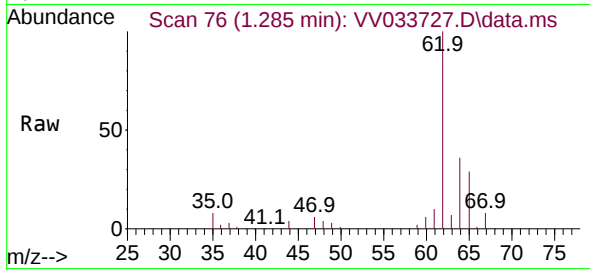




#5
Vinyl chloride
Concen: 4.406 ug/L
RT: 1.285 min Scan# 76
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

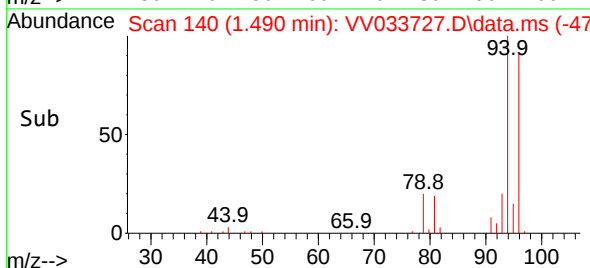
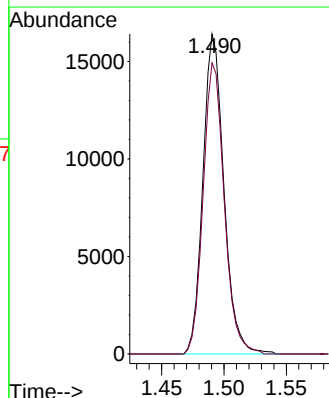
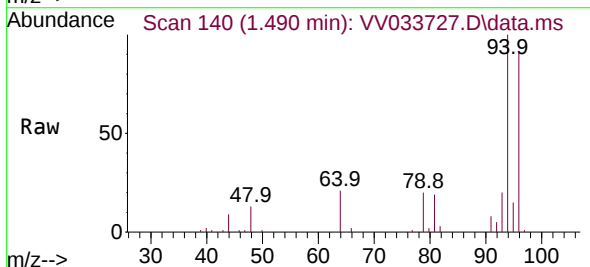
Instrument :
MSVOA_V
ClientSampleId :

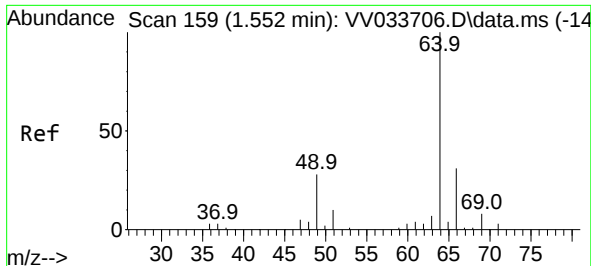
Tgt Ion: 62 Resp: 51914
Ion Ratio Lower Upper
62 100
64 36.1 23.0 42.8



#6
Bromomethane
Concen: 3.264 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 94 Resp: 19234
Ion Ratio Lower Upper
94 100
96 91.0 65.5 121.6





#8

Chloroethane

Concen: 4.784 ug/L

RT: 1.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

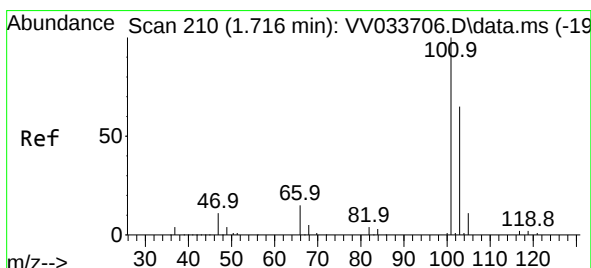
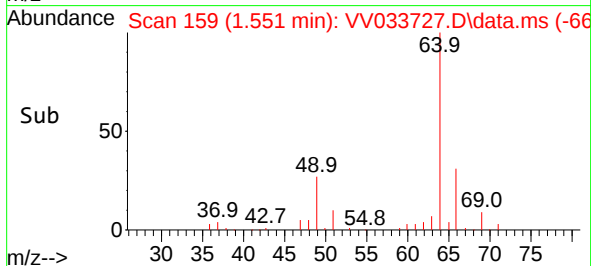
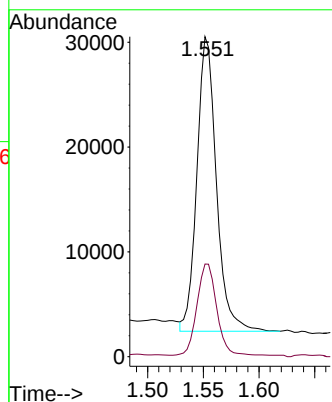
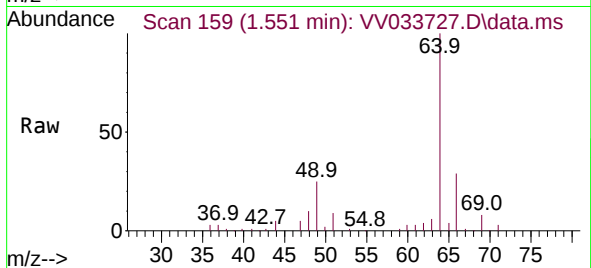
ClientSampleId :

Tgt Ion: 64 Resp: 34241

Ion Ratio Lower Upper

64 100

66 29.0 22.6 42.0



#9

Trichlorofluoromethane

Concen: 5.052 ug/L

RT: 1.719 min Scan# 211

Delta R.T. 0.003 min

Lab File: VV033727.D

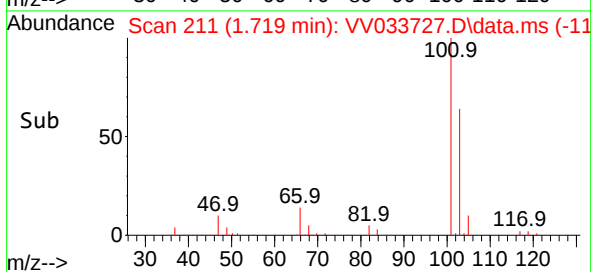
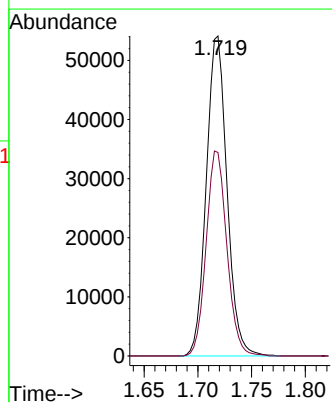
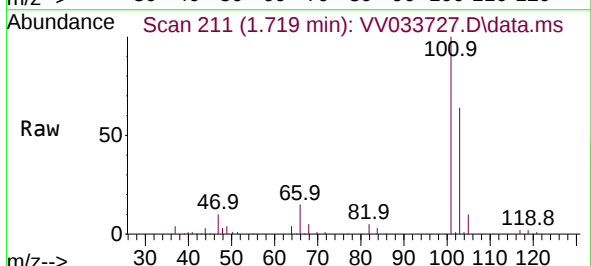
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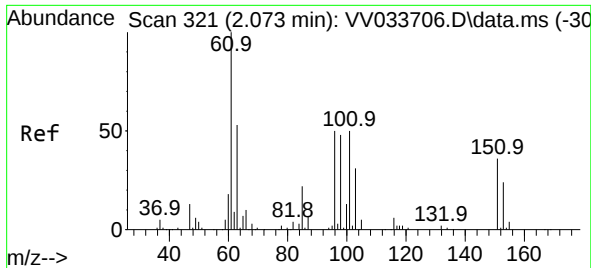
Tgt Ion:101 Resp: 72330

Ion Ratio Lower Upper

101 100

103 64.1 52.1 78.1

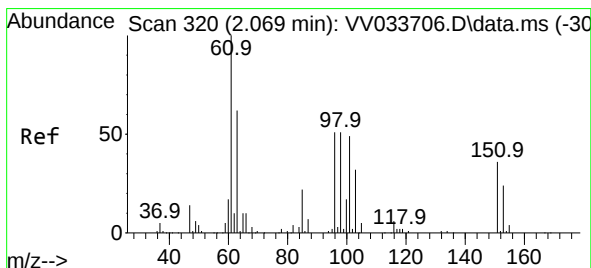
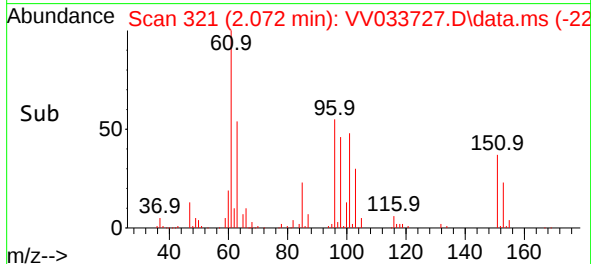
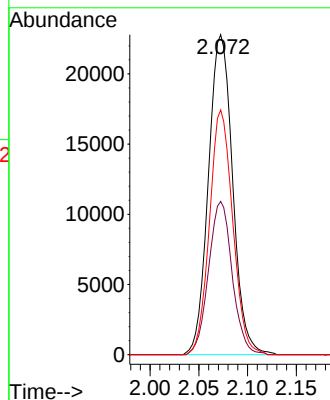
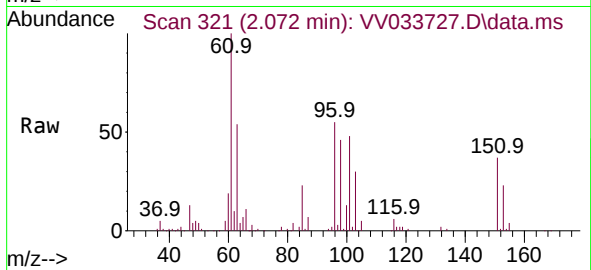




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.895 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

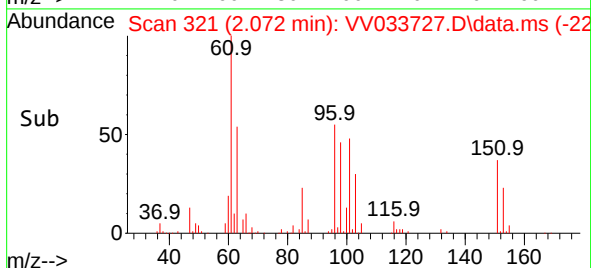
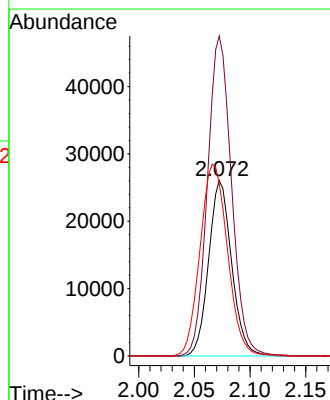
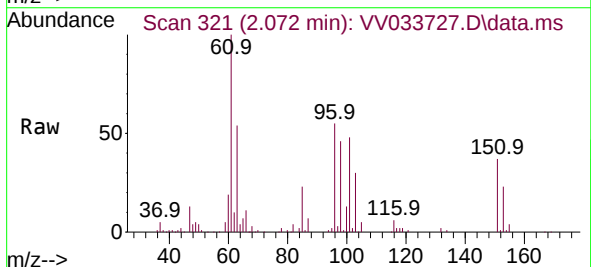
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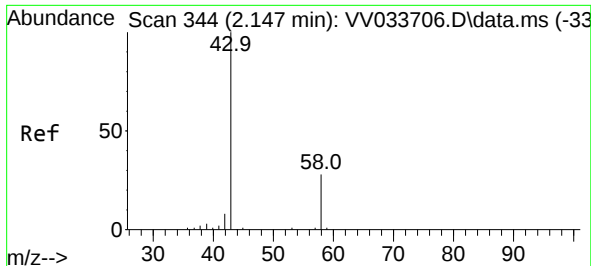
Tgt Ion:101 Resp: 39385
Ion Ratio Lower Upper
101 100
85 46.7 36.4 54.6
151 73.4 58.1 87.1



#12
1,1-Dichloroethene
Concen: 4.692 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 96 Resp: 37469
Ion Ratio Lower Upper
96 100
61 182.5 133.8 248.4
63 98.5 77.2 143.4





#13

Acetone

Concen: 39.752 ug/L

RT: 2.146 min Scan# 344

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

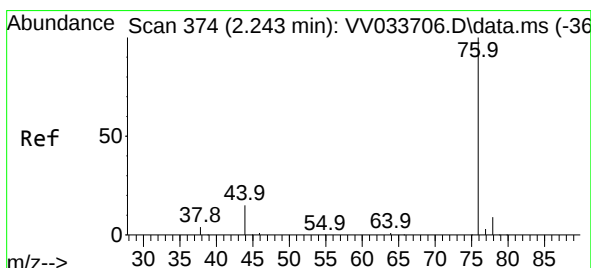
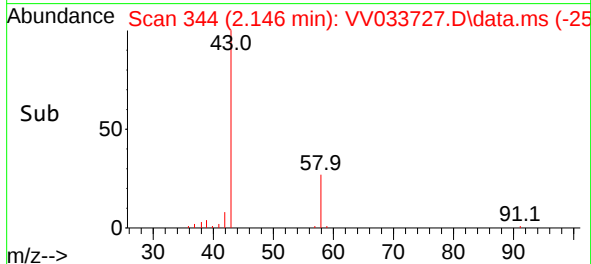
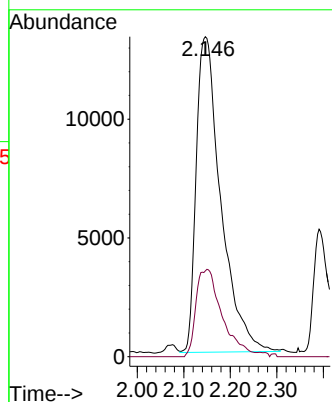
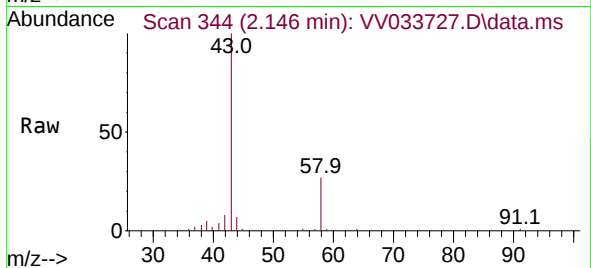
ClientSampleId :

Tgt Ion: 43 Resp: 48874

Ion Ratio Lower Upper

43 100

58 29.1 0.0 51.0



#14

Carbon disulfide

Concen: 4.328 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033727.D

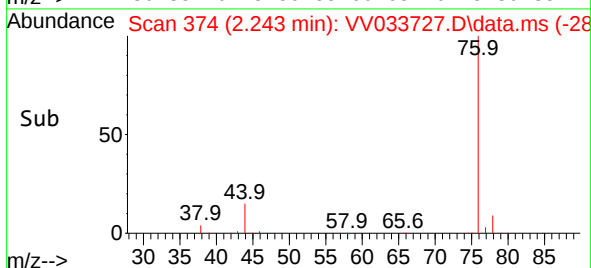
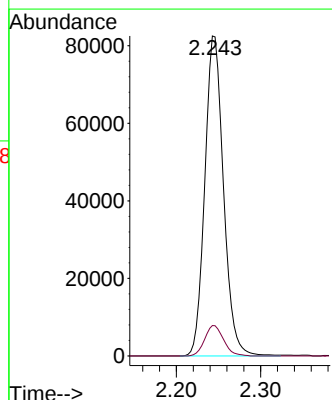
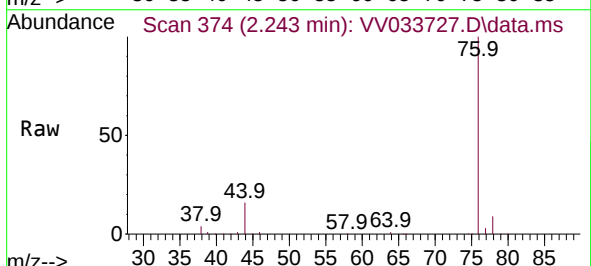
Acq: 17 Jan 2024 18:30

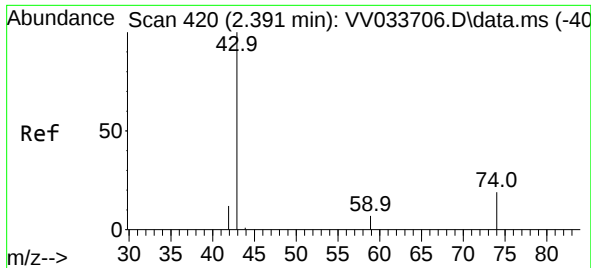
Tgt Ion: 76 Resp: 127877

Ion Ratio Lower Upper

76 100

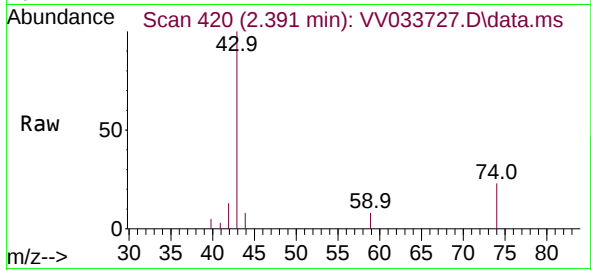
78 9.5 7.1 10.7



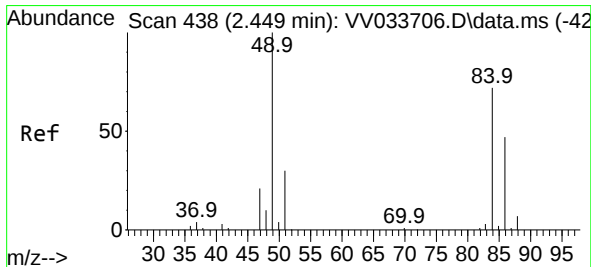
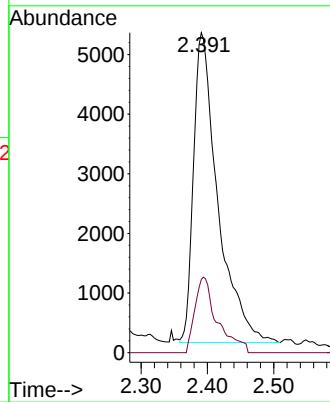
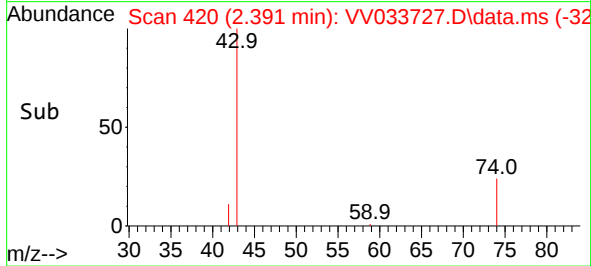


#15
Methyl Acetate
Concen: 4.501 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

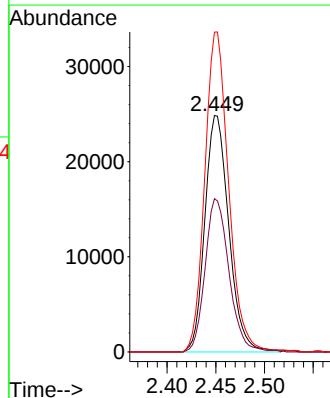
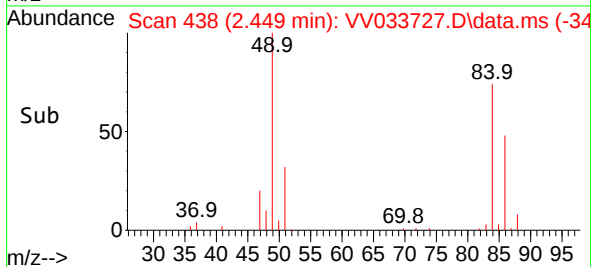
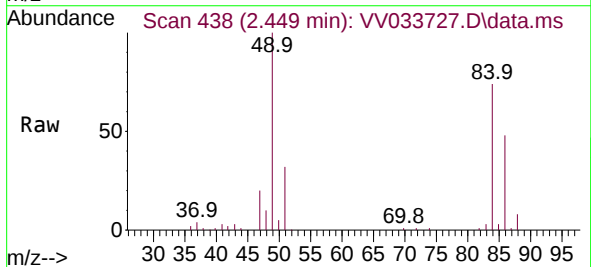


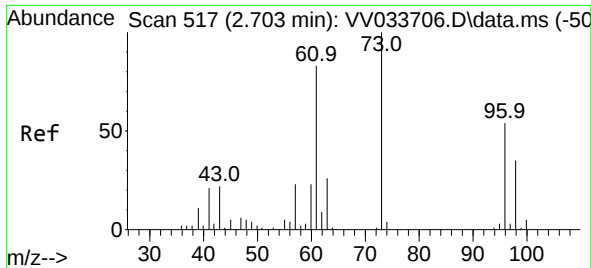
Tgt Ion: 43 Resp: 13226
Ion Ratio Lower Upper
43 100
74 22.4 16.6 24.8



#16
Methylene chloride
Concen: 4.511 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 84 Resp: 42511
Ion Ratio Lower Upper
84 100
86 64.8 45.5 84.5
49 135.3 100.3 186.3

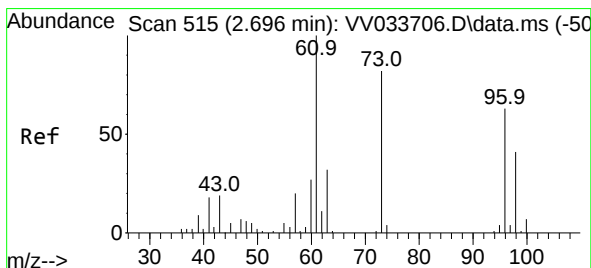
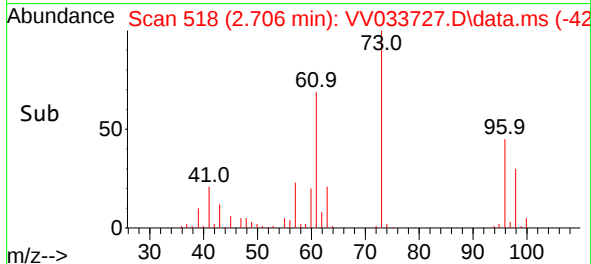
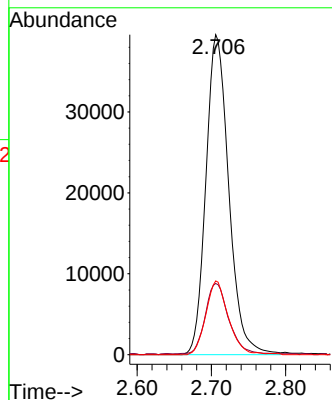
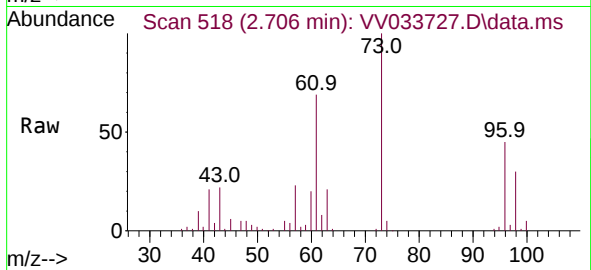




#17
Methyl tert-butyl Ether
Concen: 4.675 ug/L
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

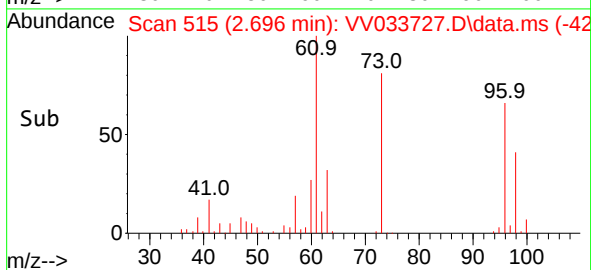
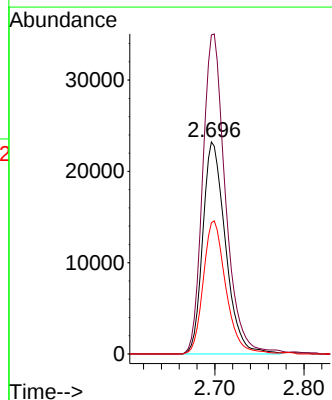
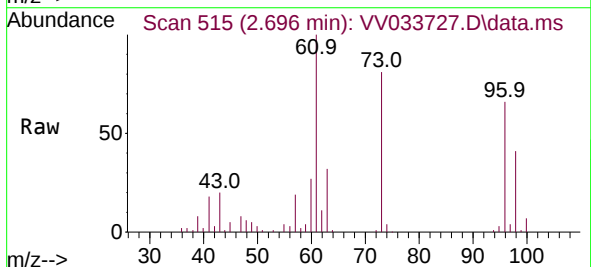
Instrument :
MSVOA_V
ClientSampleId :

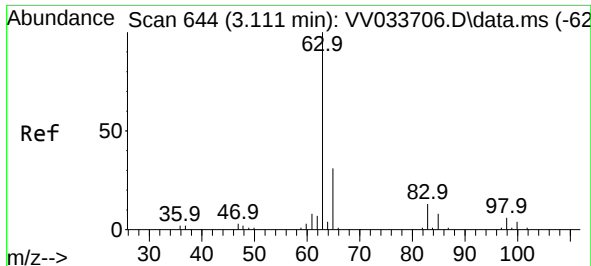
Tgt Ion: 73 Resp: 84533
Ion Ratio Lower Upper
73 100
43 22.3 17.7 26.5
57 22.6 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 4.560 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 96 Resp: 41132
Ion Ratio Lower Upper
96 100
61 150.5 110.4 205.0
98 61.9 44.1 81.9





#19

1,1-Dichloroethane

Concen: 4.480 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

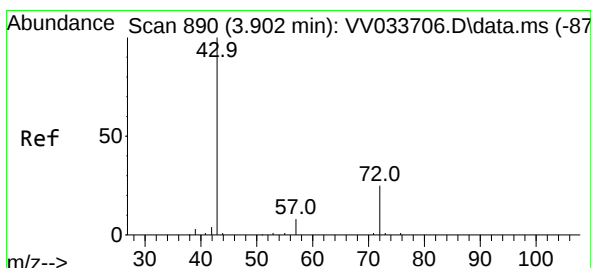
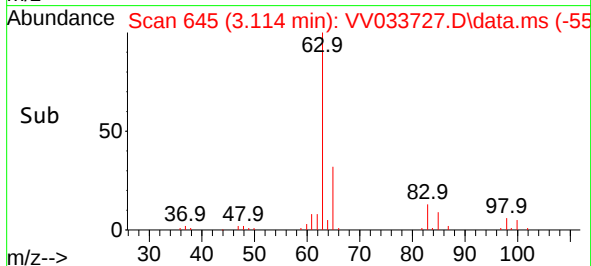
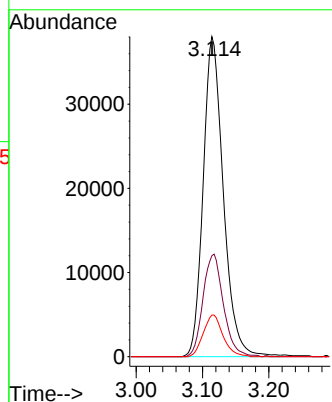
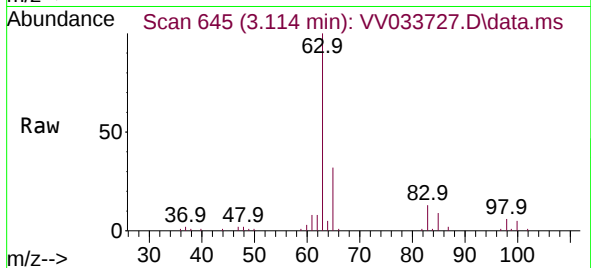
Tgt Ion: 63 Resp: 80298

Ion Ratio Lower Upper

63 100

65 31.5 21.6 40.2

83 13.0 9.1 16.9



#21

2-Butanone

Concen: 42.449 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.003 min

Lab File: VV033727.D

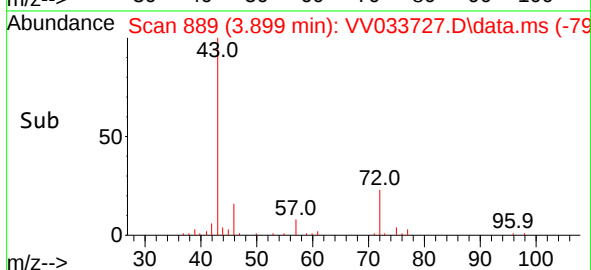
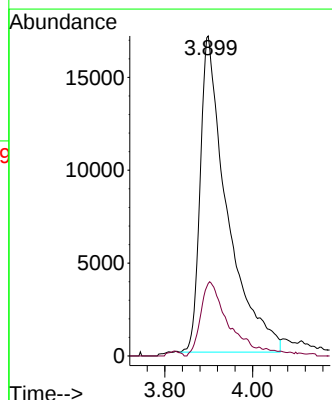
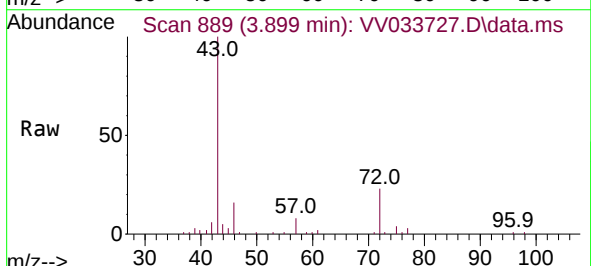
Acq: 17 Jan 2024 18:30

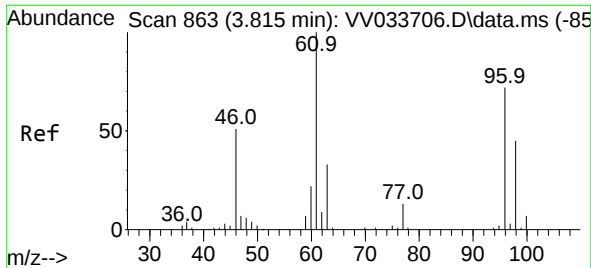
Tgt Ion: 43 Resp: 72446

Ion Ratio Lower Upper

43 100

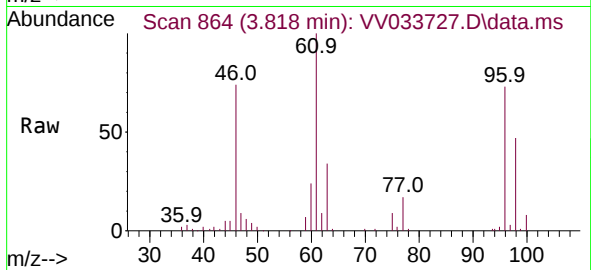
72 23.3 10.5 31.6



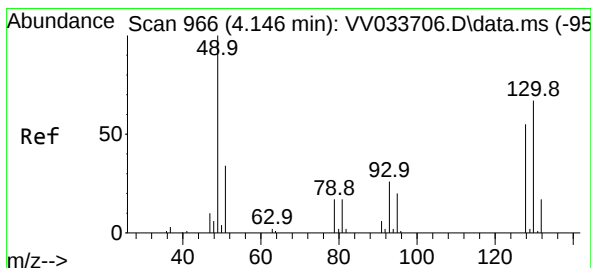
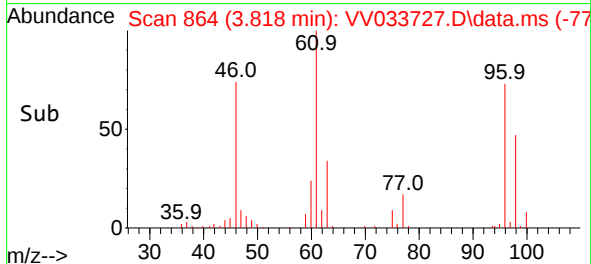
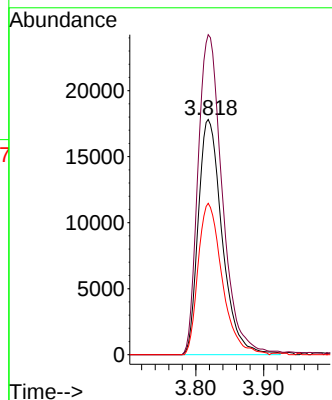


#22
 cis-1,2-Dichloroethene
 Concen: 4.621 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV033727.D
 Acq: 17 Jan 2024 18:30

Instrument :
 MSVOA_V
 ClientSampleId :

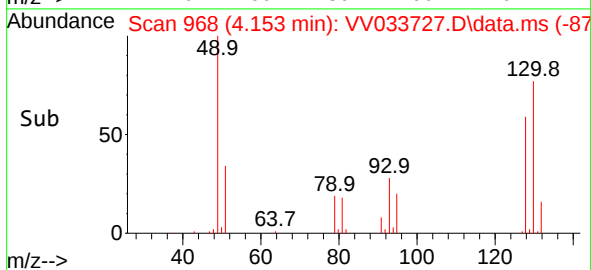
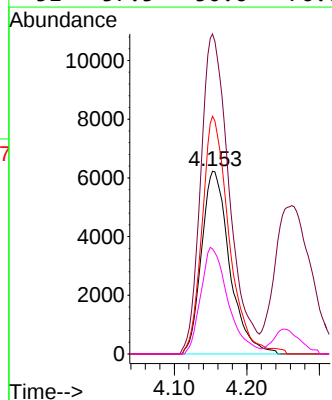
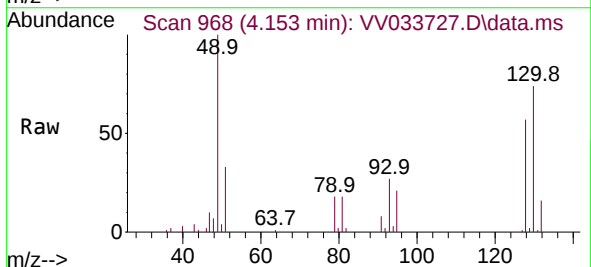


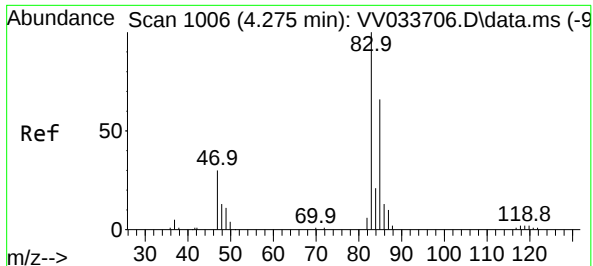
Tgt Ion: 96 Resp: 43647
 Ion Ratio Lower Upper
 96 100
 61 136.1 97.1 180.3
 98 64.4 42.6 79.0



#23
 Bromochloromethane
 Concen: 4.856 ug/L
 RT: 4.153 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VV033727.D
 Acq: 17 Jan 2024 18:30

Tgt Ion: 128 Resp: 16728
 Ion Ratio Lower Upper
 128 100
 49 175.2 136.4 253.2
 130 130.2 87.5 162.5
 51 57.5 50.6 76.0

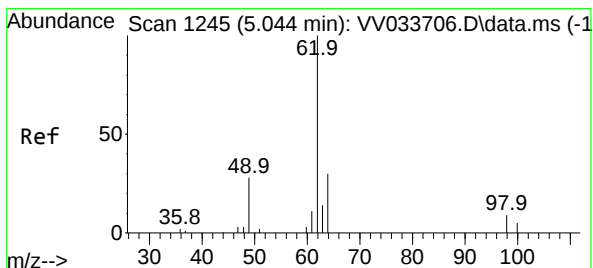
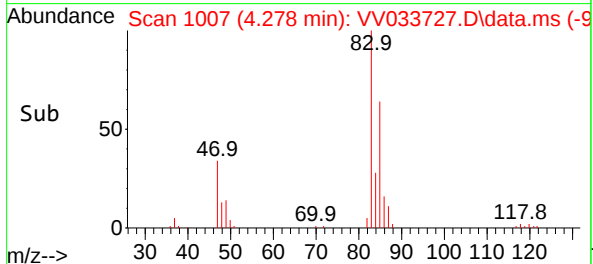
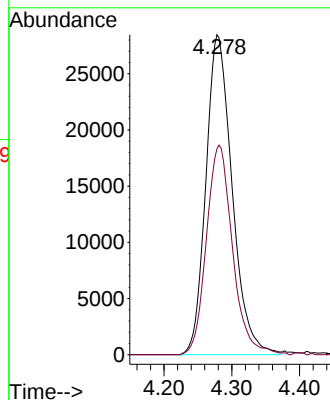
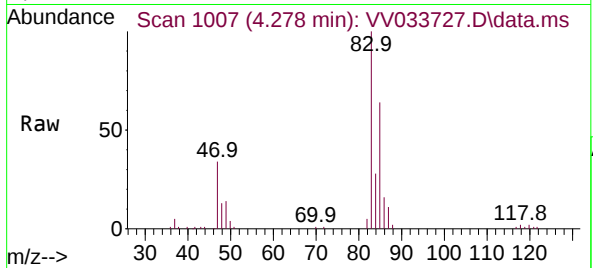




#25
Chloroform
Concen: 4.655 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

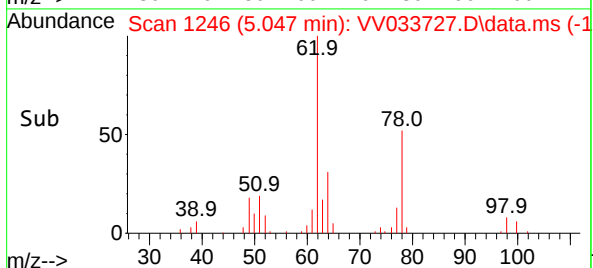
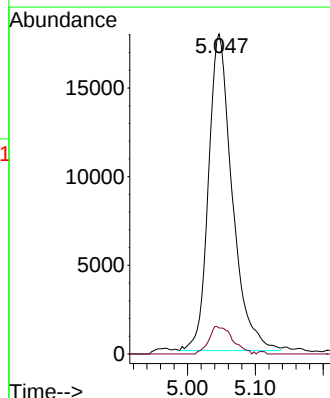
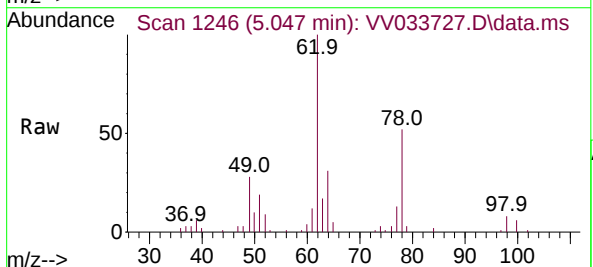
Instrument :
MSVOA_V
ClientSampleId :

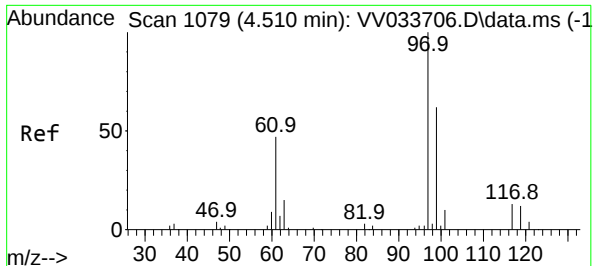
Tgt Ion: 83 Resp: 76611
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.9



#27
1,2-Dichloroethane
Concen: 4.637 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 62 Resp: 43478
Ion Ratio Lower Upper
62 100
98 8.1 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 4.775 ug/L

RT: 4.516 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

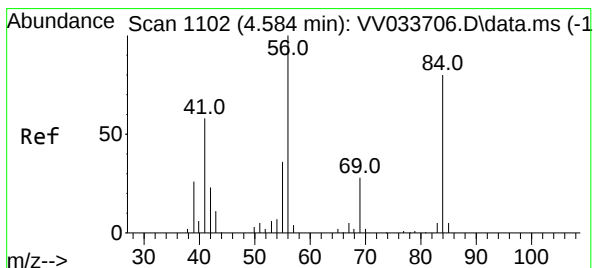
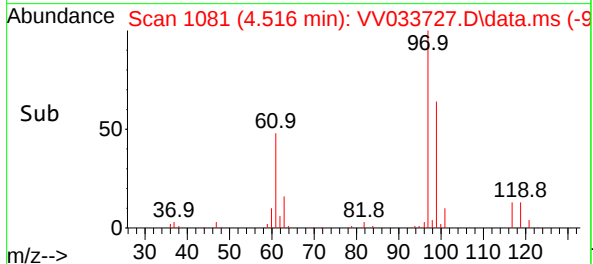
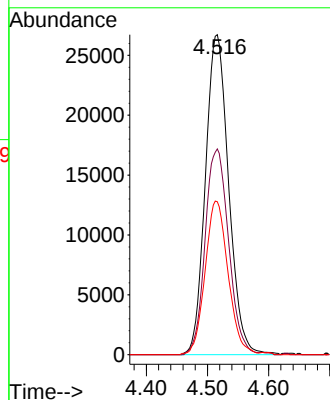
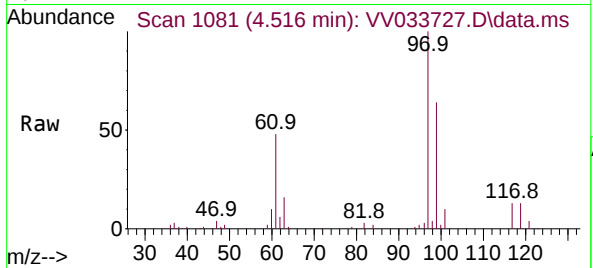
Tgt Ion: 97 Resp: 70782

Ion Ratio Lower Upper

97 100

99 64.9 50.8 76.2

61 47.3 38.1 57.1



#30

Cyclohexane

Concen: 4.169 ug/L

RT: 4.583 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

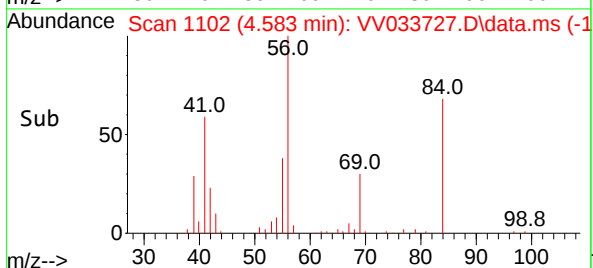
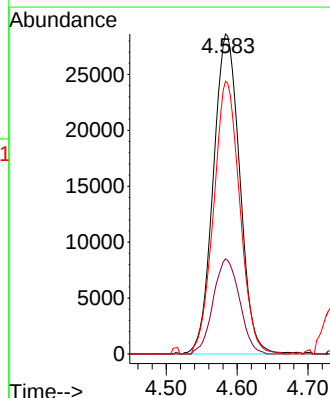
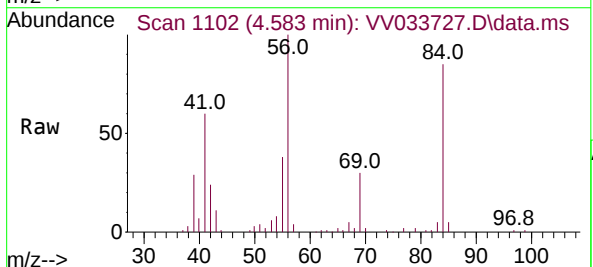
Tgt Ion: 56 Resp: 74057

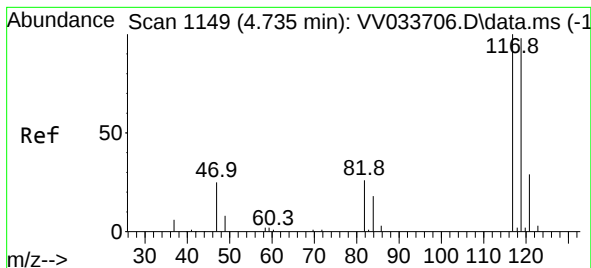
Ion Ratio Lower Upper

56 100

69 29.6 23.3 34.9

84 84.3 61.7 92.5





#31

Carbon tetrachloride

Concen: 4.862 ug/L

RT: 4.738 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

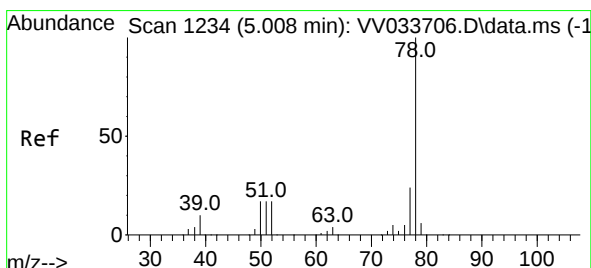
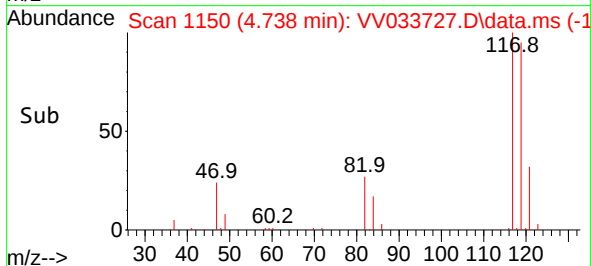
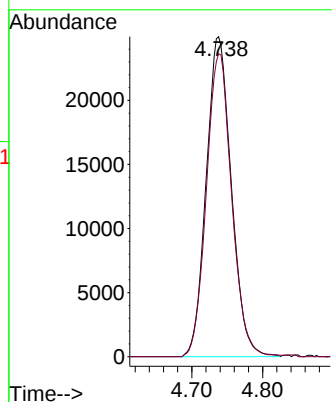
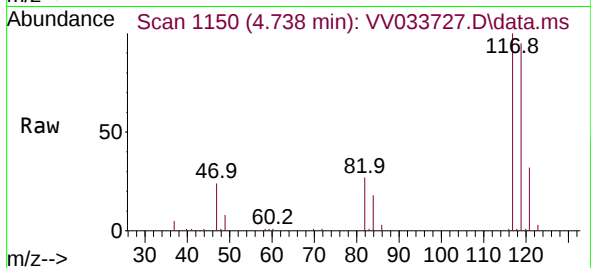
ClientSampleId :

Tgt Ion:117 Resp: 61434

Ion Ratio Lower Upper

117 100

119 95.4 78.3 117.5



#33

Benzene

Concen: 4.501 ug/L

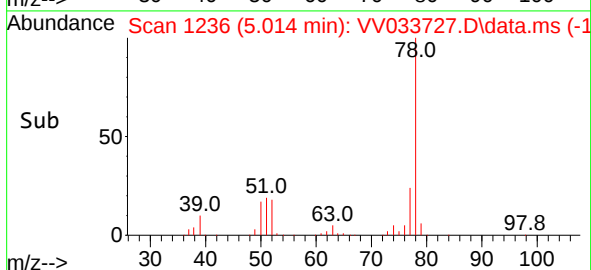
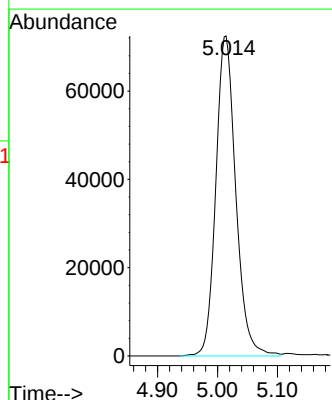
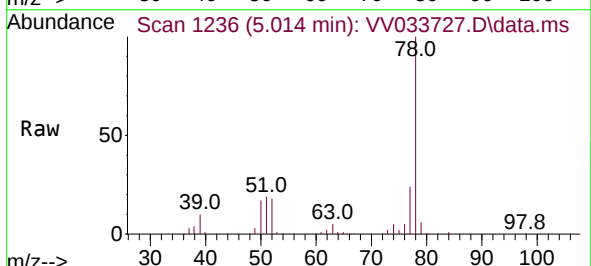
RT: 5.014 min Scan# 1236

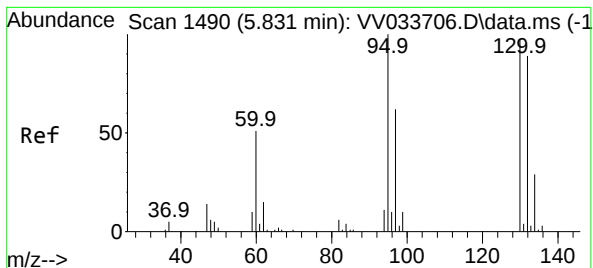
Delta R.T. 0.006 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Tgt Ion: 78 Resp: 167036





#34

Trichloroethene

Concen: 4.460 ug/L

RT: 5.834 min Scan# 1490

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 44061

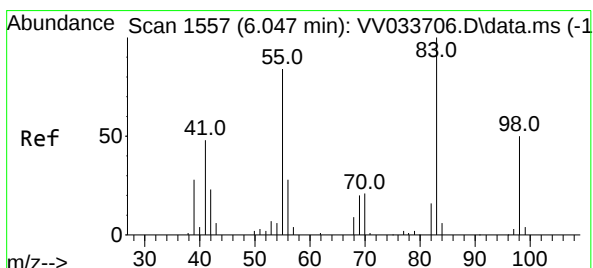
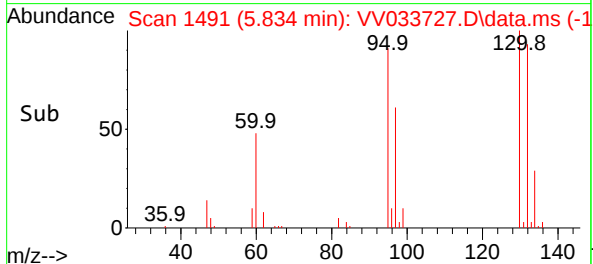
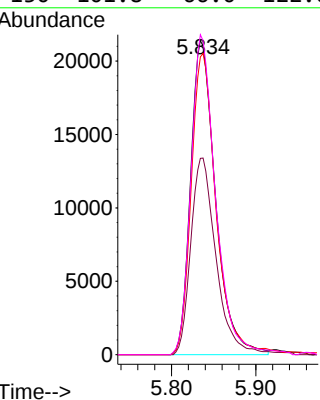
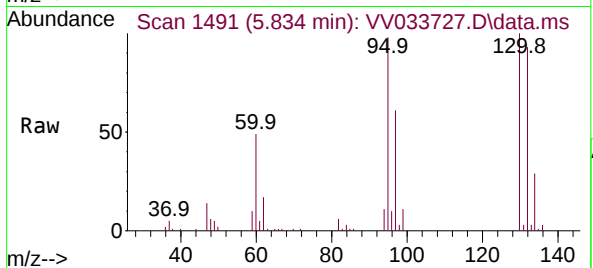
Ion Ratio Lower Upper

95 100

97 62.5 45.1 83.9

132 94.8 65.2 121.2

130 101.8 66.0 122.6



#35

Methylcyclohexane

Concen: 4.410 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

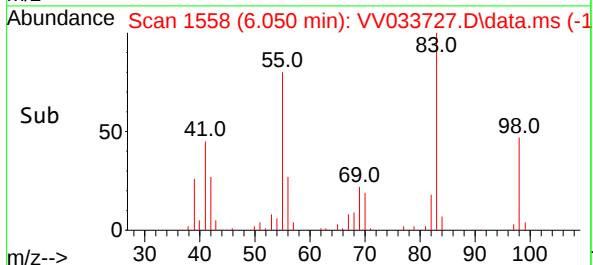
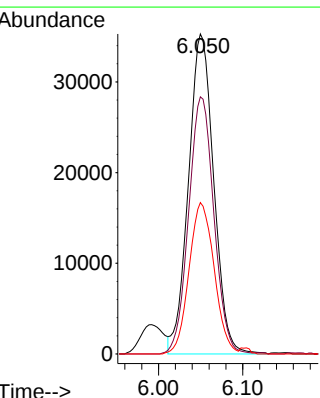
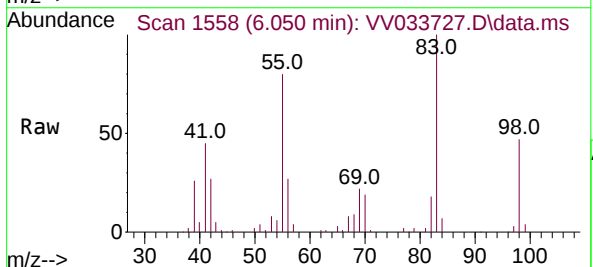
Tgt Ion: 83 Resp: 73741

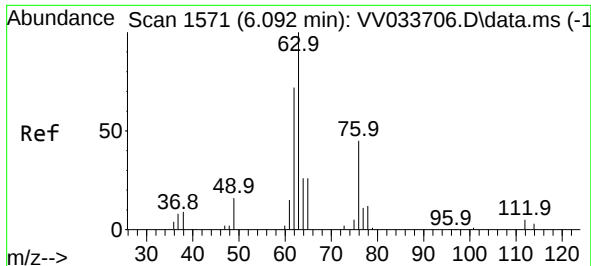
Ion Ratio Lower Upper

83 100

55 80.2 68.7 103.1

98 47.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 4.545 ug/L

RT: 6.095 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

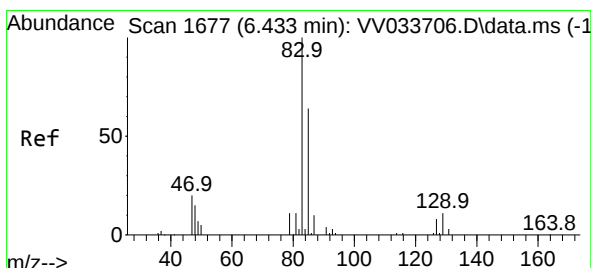
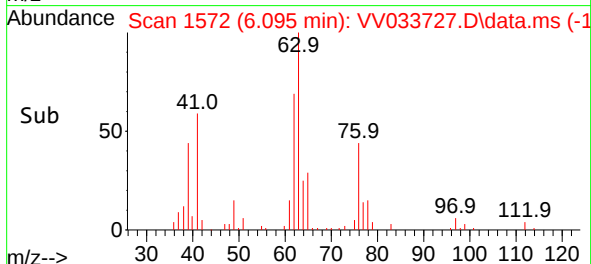
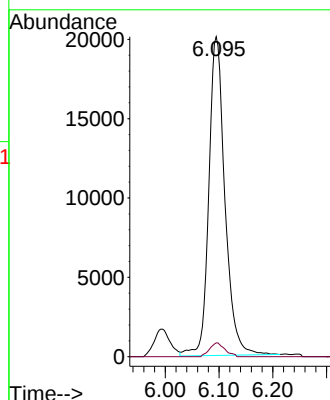
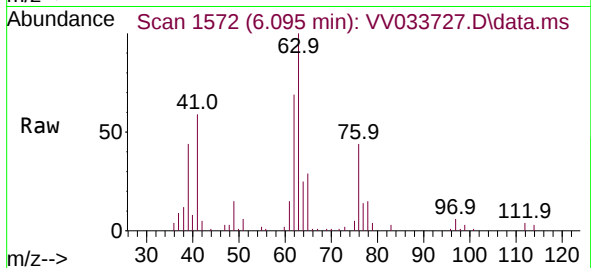
ClientSampleId :

Tgt Ion: 63 Resp: 41893

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 4.618 ug/L

RT: 6.436 min Scan# 1678

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

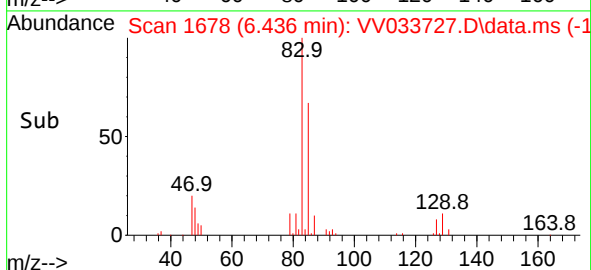
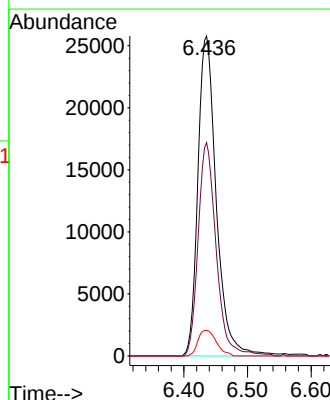
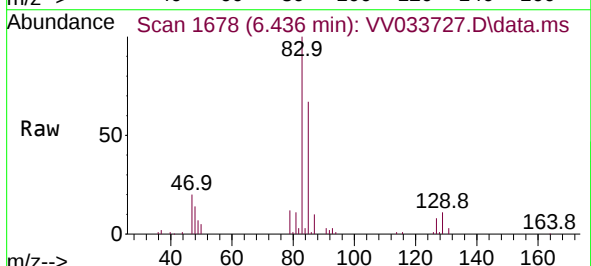
Tgt Ion: 83 Resp: 51882

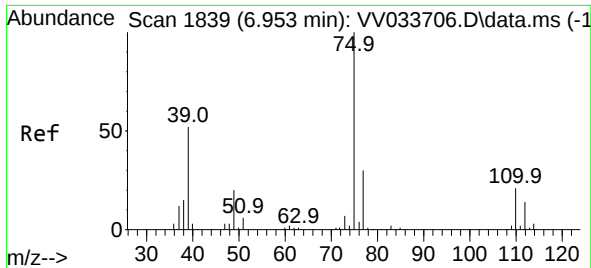
Ion Ratio Lower Upper

83 100

85 66.7 45.1 83.9

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.604 ug/L

RT: 6.956 min Scan# 1840

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

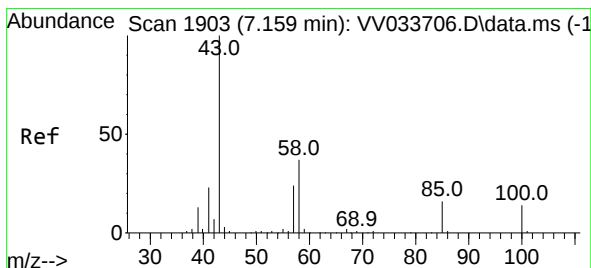
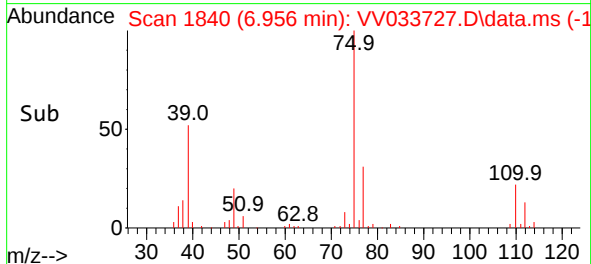
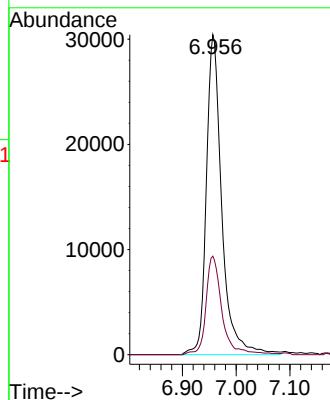
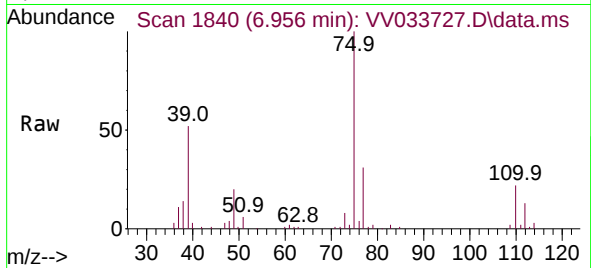
ClientSampleId :

Tgt Ion: 75 Resp: 60594

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 43.795 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

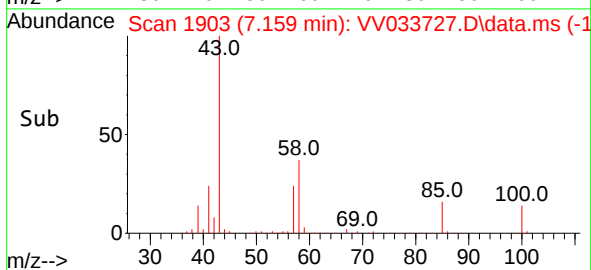
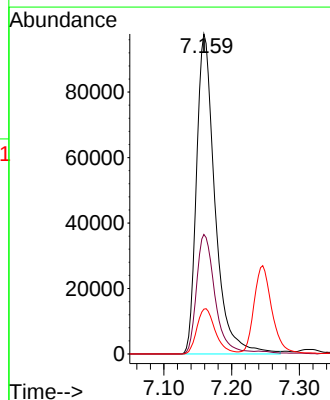
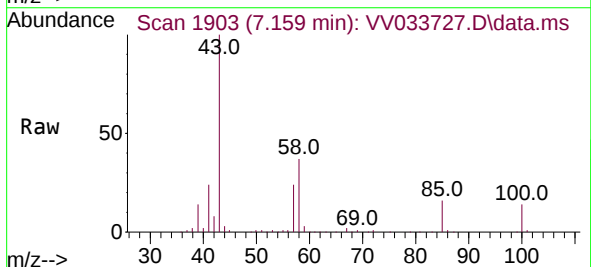
Tgt Ion: 43 Resp: 185559

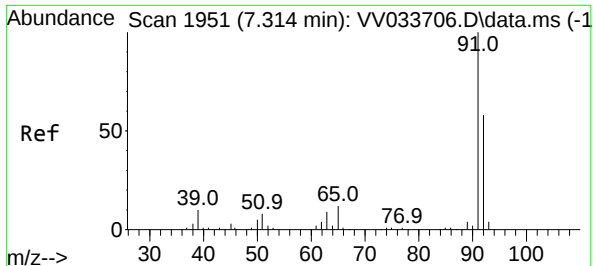
Ion Ratio Lower Upper

43 100

58 37.3 29.9 44.9

100 14.1 9.9 14.9





#42

Toluene

Concen: 4.624 ug/L

RT: 7.316 min Scan# 1951

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

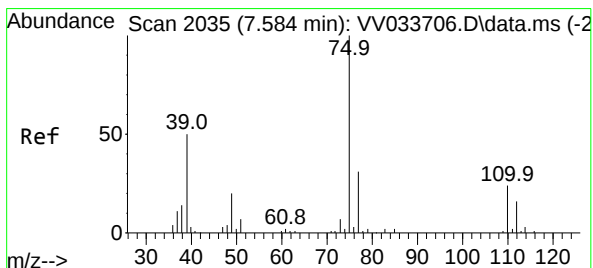
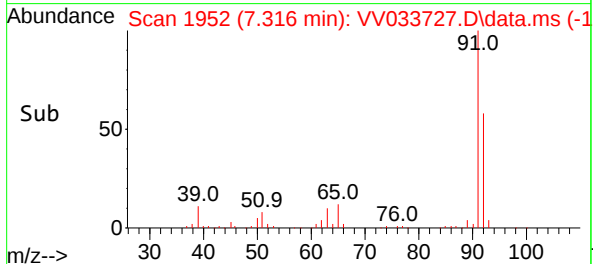
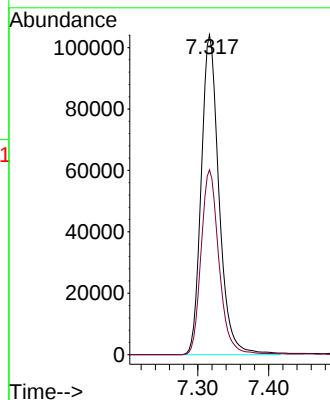
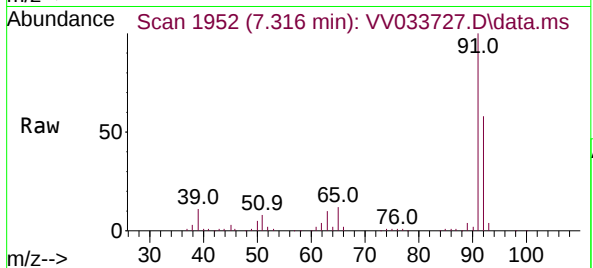
ClientSampleId :

Tgt Ion: 91 Resp: 181504

Ion Ratio Lower Upper

91 100

92 57.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.426 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. 0.003 min

Lab File: VV033727.D

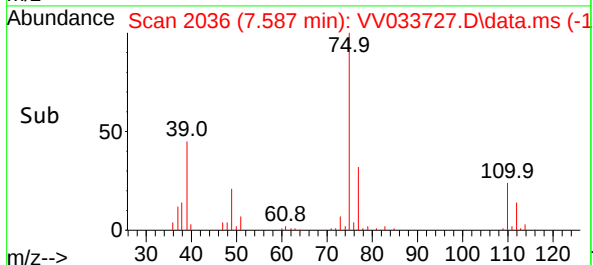
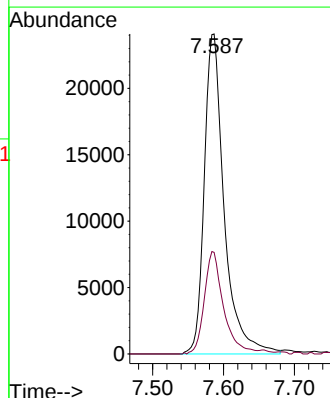
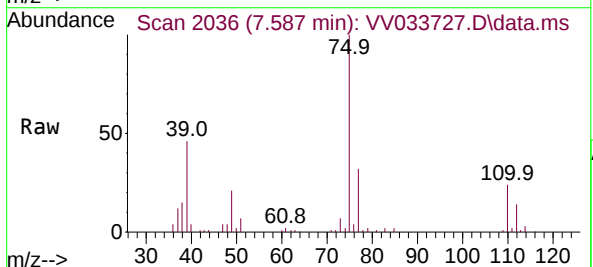
Acq: 17 Jan 2024 18:30

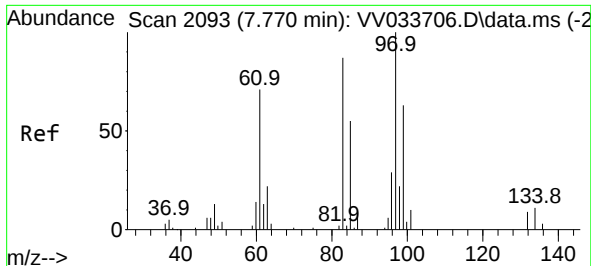
Tgt Ion: 75 Resp: 46945

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 4.685 ug/L

RT: 7.770 min Scan# 2093

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 23989

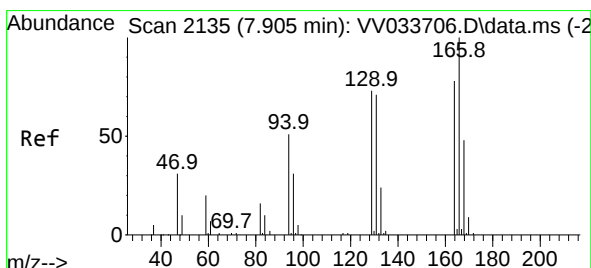
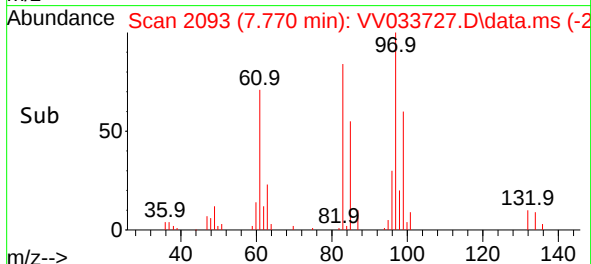
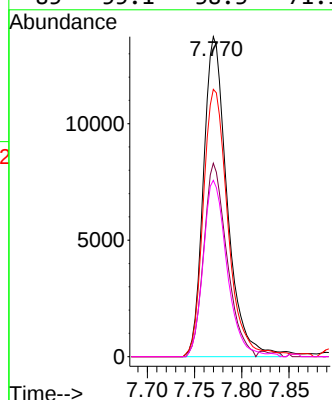
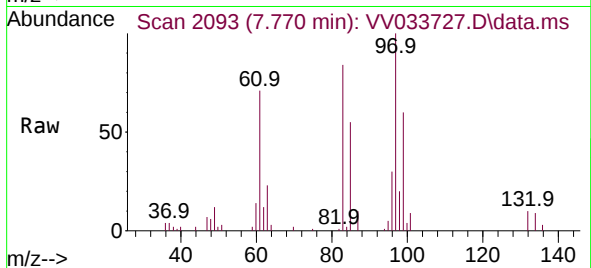
Ion Ratio Lower Upper

97 100

99 60.5 44.9 83.3

83 83.5 60.5 112.3

85 55.1 38.3 71.1



#47

Tetrachloroethene

Concen: 4.816 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Tgt Ion:164 Resp: 34184

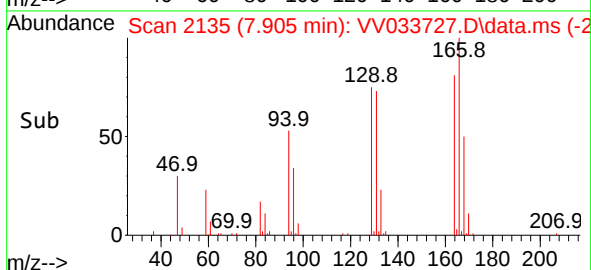
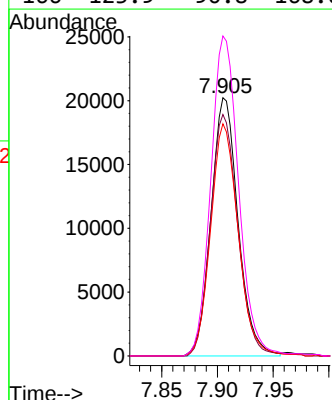
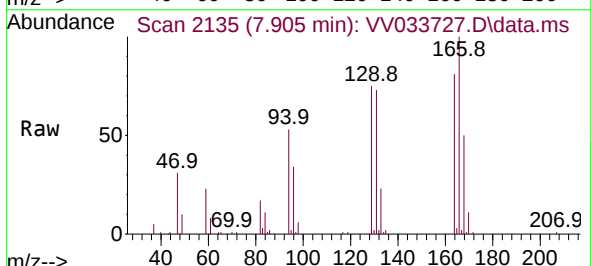
Ion Ratio Lower Upper

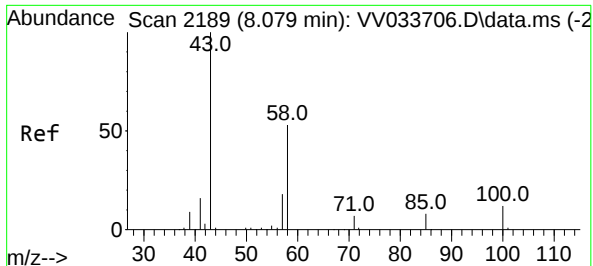
164 100

129 93.5 67.1 124.7

131 89.9 65.0 120.6

166 123.9 90.8 168.6





#48

2-Hexanone

Concen: 41.917 ug/L

RT: 8.079 min Scan# 2189

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 130107

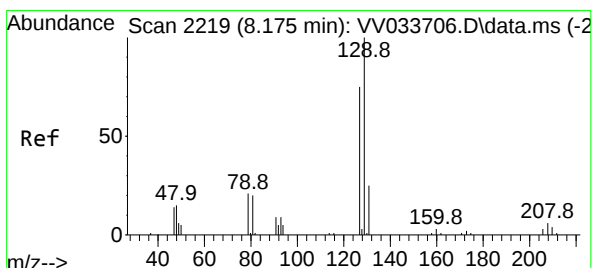
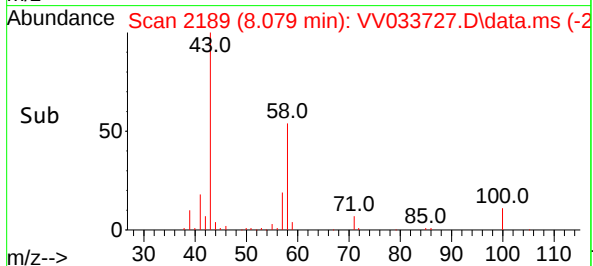
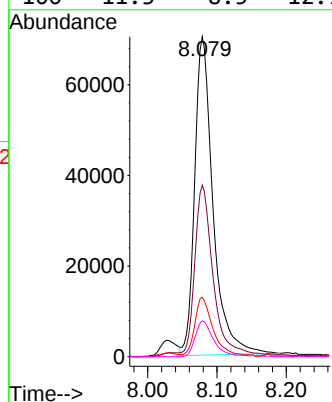
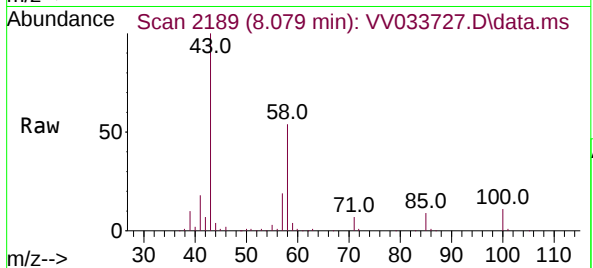
Ion Ratio Lower Upper

43 100

58 52.4 40.6 61.0

57 19.0 13.8 20.8

100 11.3 8.5 12.7



#49

Dibromochloromethane

Concen: 4.770 ug/L

RT: 8.178 min Scan# 2220

Delta R.T. 0.003 min

Lab File: VV033727.D

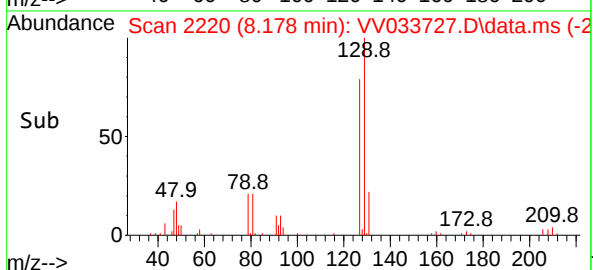
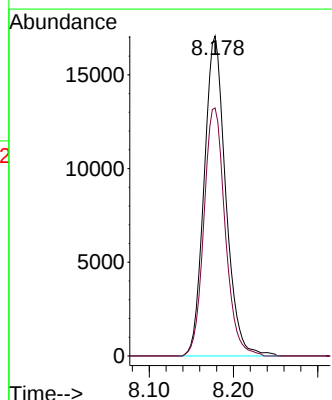
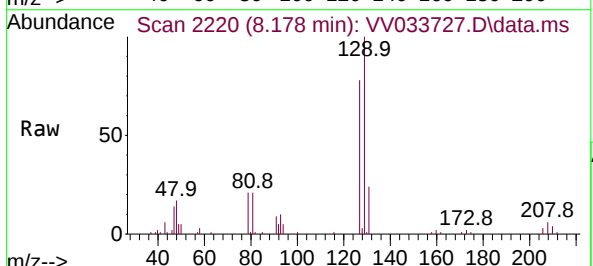
Acq: 17 Jan 2024 18:30

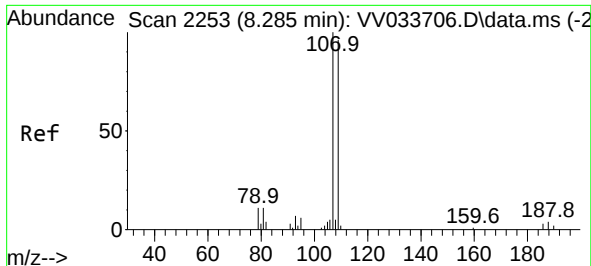
Tgt Ion: 129 Resp: 30411

Ion Ratio Lower Upper

129 100

127 77.5 53.6 99.6





#50

1,2-Dibromoethane

Concen: 4.774 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

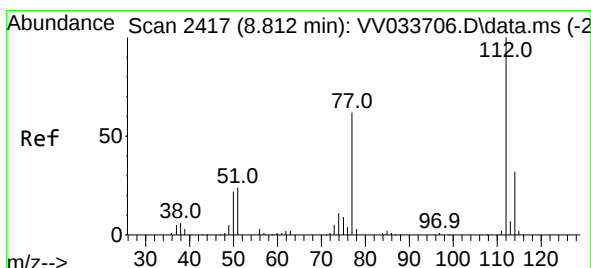
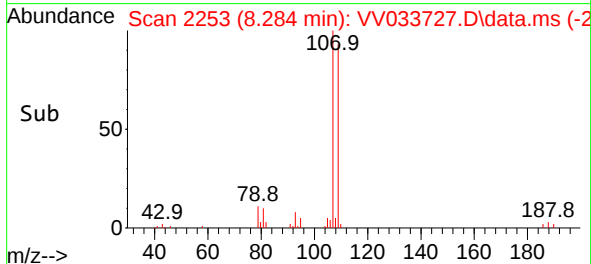
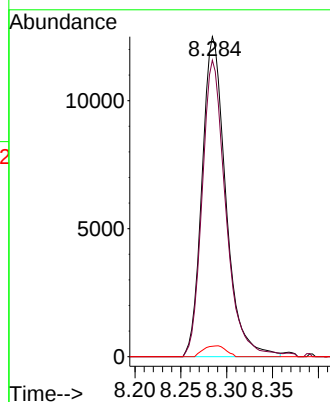
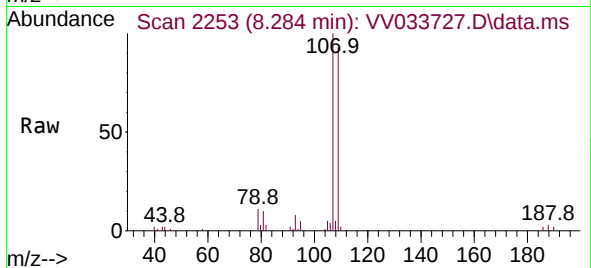
Tgt Ion:107 Resp: 22562

Ion Ratio Lower Upper

107 100

109 92.7 64.0 118.8

188 3.2 3.0 4.6



#51

Chlorobenzene

Concen: 4.693 ug/L

RT: 8.815 min Scan# 2418

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

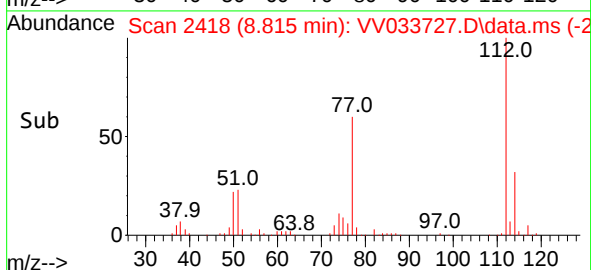
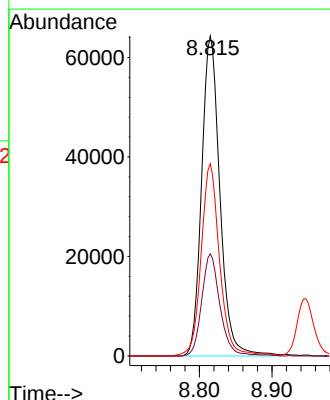
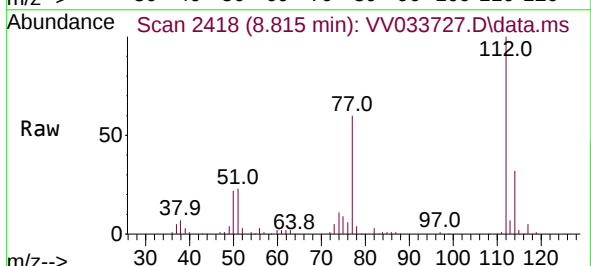
Tgt Ion:112 Resp: 112845

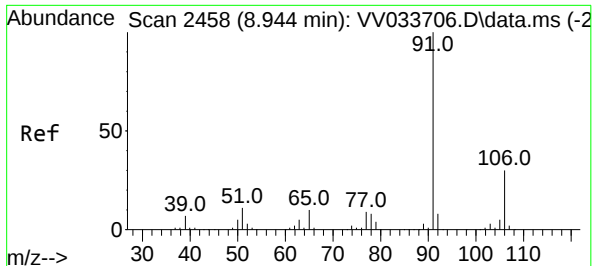
Ion Ratio Lower Upper

112 100

114 31.9 22.9 42.5

77 60.1 50.8 76.2

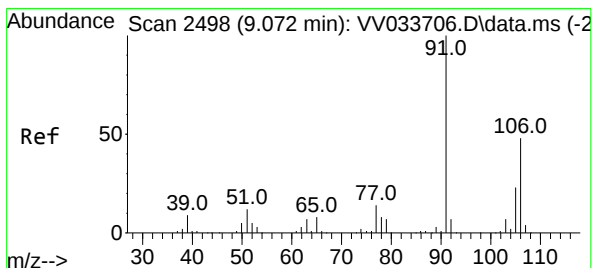
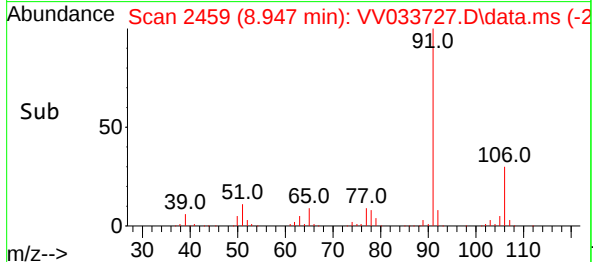
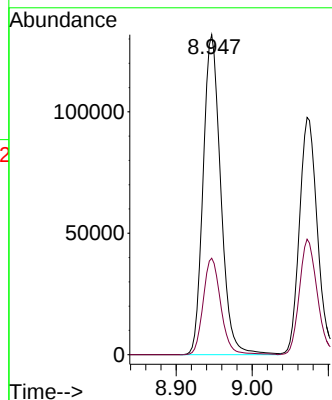
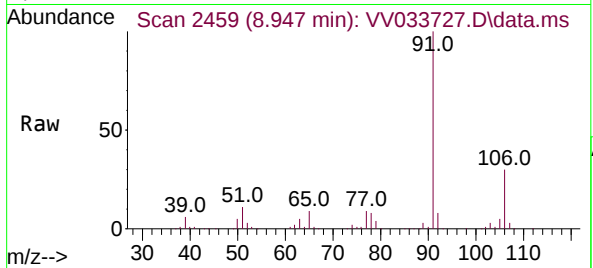




#52
Ethylbenzene
Concen: 4.662 ug/L
RT: 8.947 min Scan# 2458
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

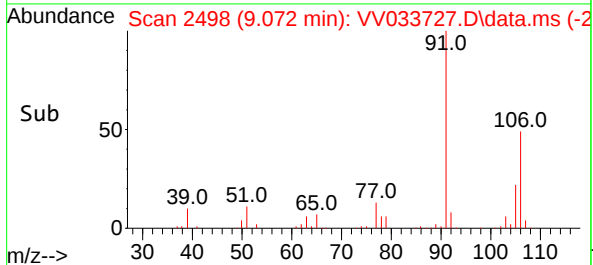
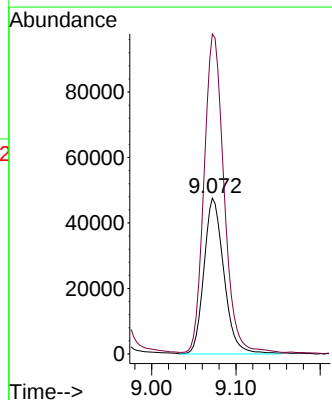
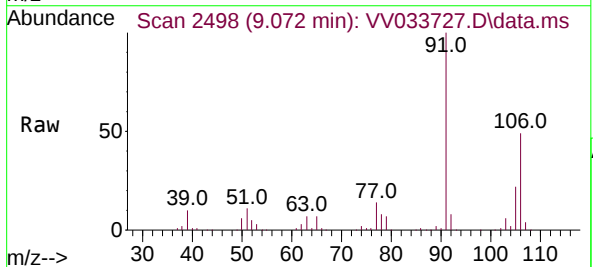
Instrument :
MSVOA_V
ClientSampleId :

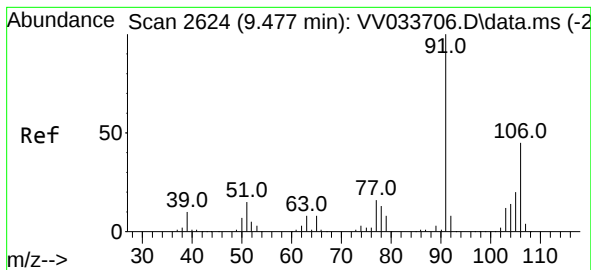
Tgt Ion: 91 Resp: 212106
Ion Ratio Lower Upper
91 100
106 30.2 20.6 38.4



#53
m,p-Xylene
Concen: 4.688 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 106 Resp: 78589
Ion Ratio Lower Upper
106 100
91 205.4 146.2 271.4





#54

o-Xylene

Concen: 4.640 ug/L

RT: 9.477 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

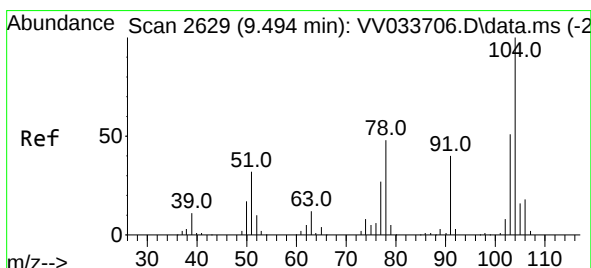
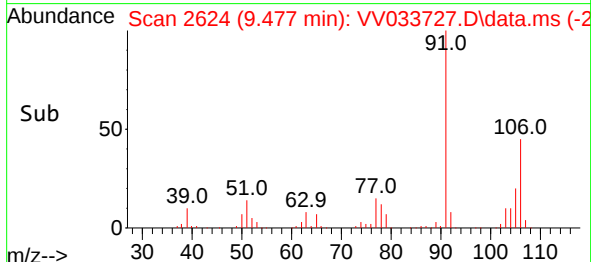
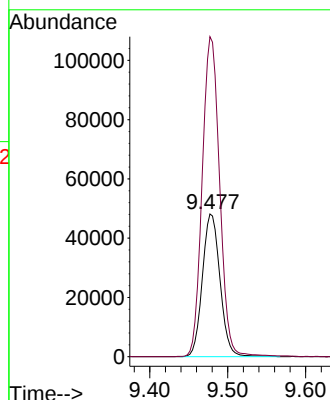
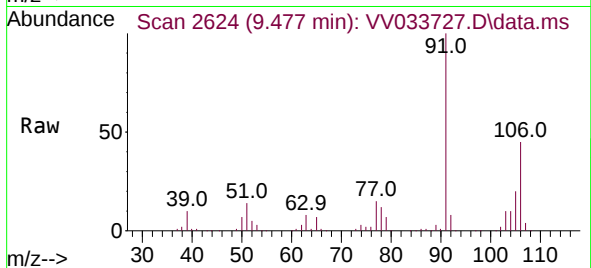
ClientSampleId :

Tgt Ion:106 Resp: 75692

Ion Ratio Lower Upper

106 100

91 224.2 156.0 289.6



#55

Styrene

Concen: 4.705 ug/L

RT: 9.496 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV033727.D

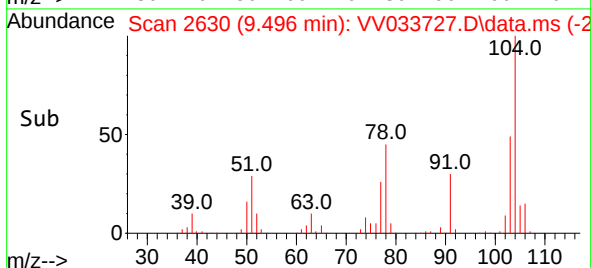
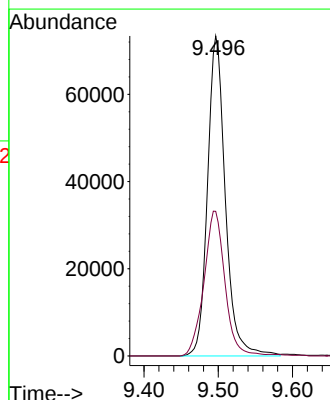
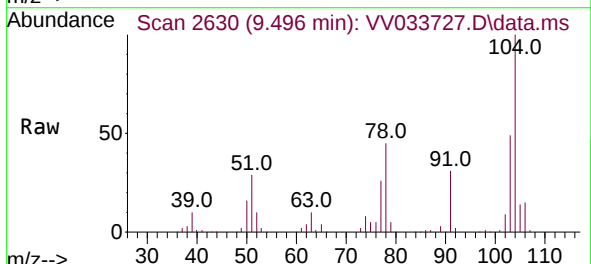
Acq: 17 Jan 2024 18:30

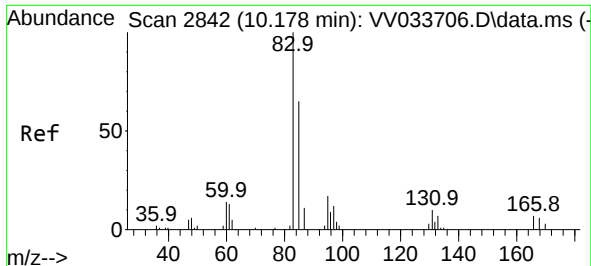
Tgt Ion:104 Resp: 122325

Ion Ratio Lower Upper

104 100

78 45.2 33.1 61.5

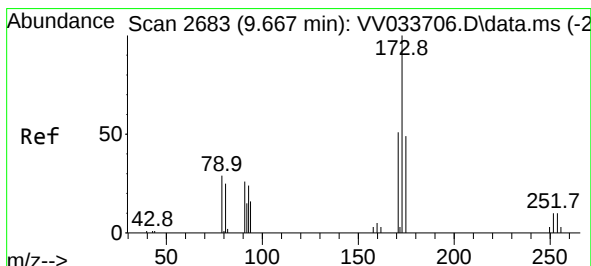
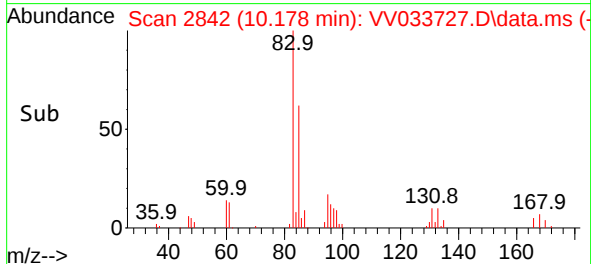
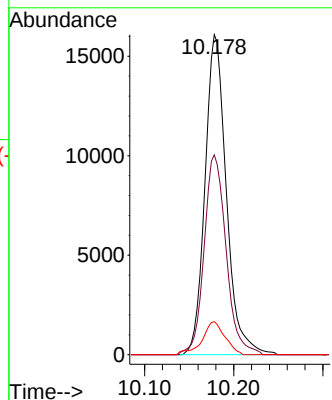
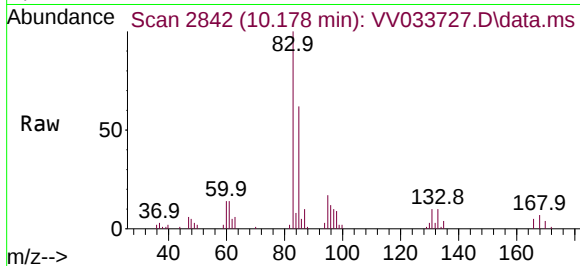




#57
1,1,2,2-Tetrachloroethane
Concen: 4.759 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

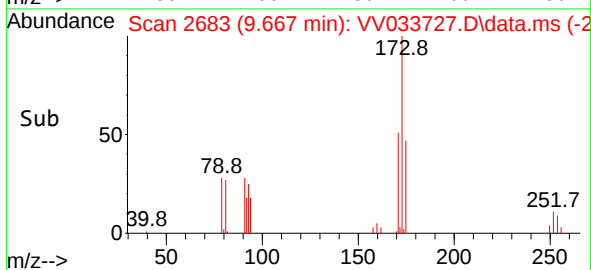
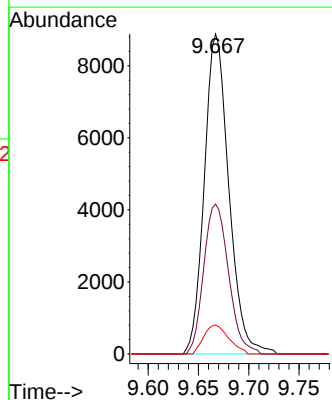
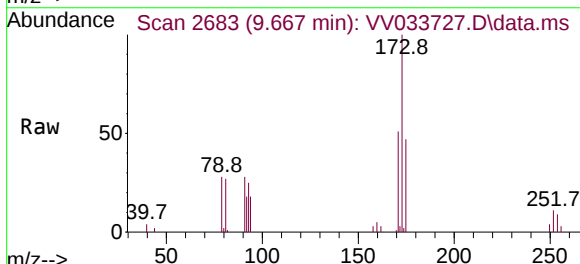
Instrument :
MSVOA_V
ClientSampleId :

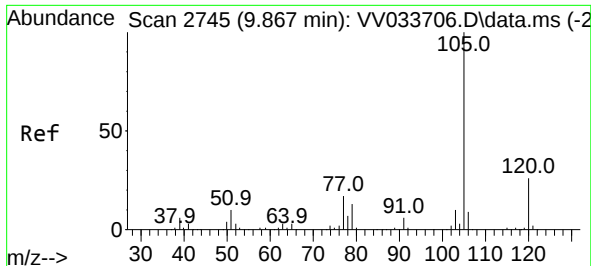
Tgt Ion: 83 Resp: 26746
Ion Ratio Lower Upper
83 100
85 62.4 43.5 80.7
131 10.3 7.4 11.0



#59
Bromoform
Concen: 4.480 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

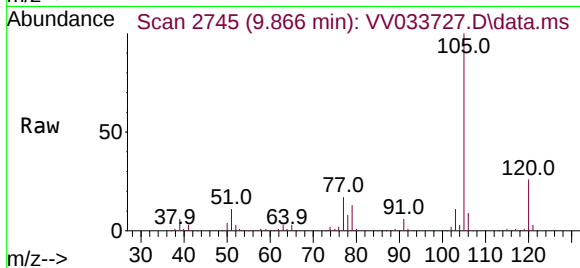
Tgt Ion: 173 Resp: 15074
Ion Ratio Lower Upper
173 100
175 47.4 38.8 58.2
254 9.2 7.5 11.3



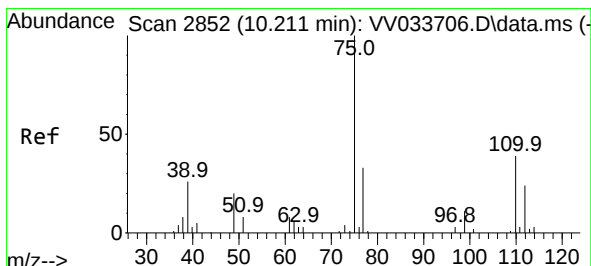
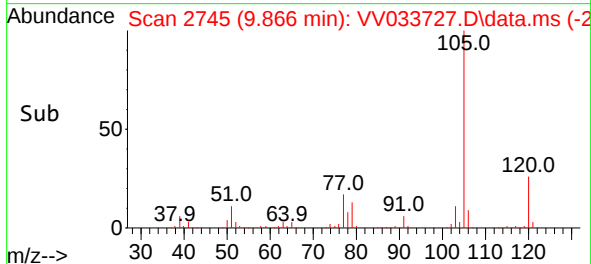
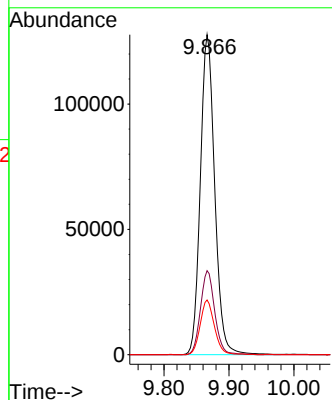


#60
Isopropylbenzene
Concen: 4.471 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Instrument :
MSVOA_V
ClientSampleId :

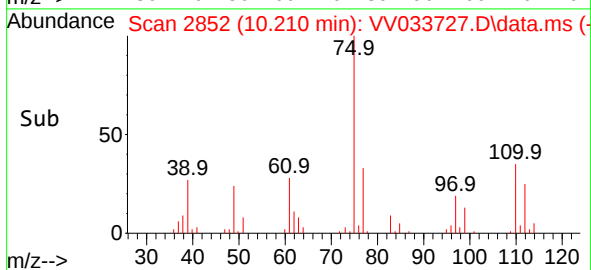
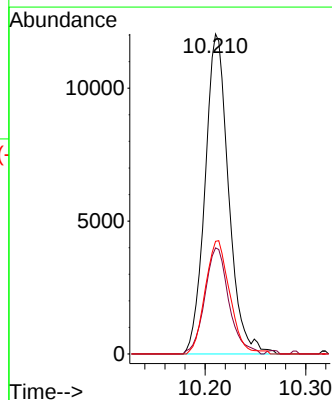
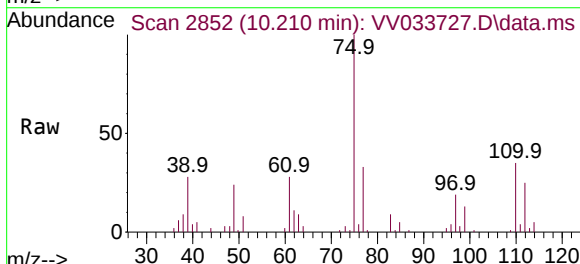


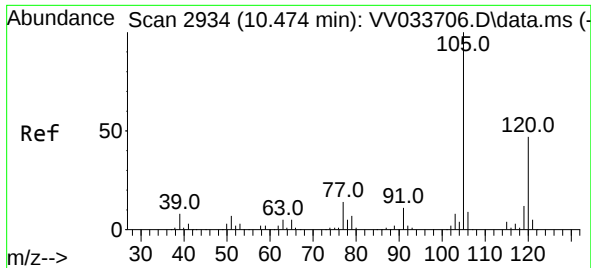
Tgt Ion:105 Resp: 197195
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 4.384 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion: 75 Resp: 19592
Ion Ratio Lower Upper
75 100
77 33.8 24.7 37.1
110 36.9 28.0 42.0

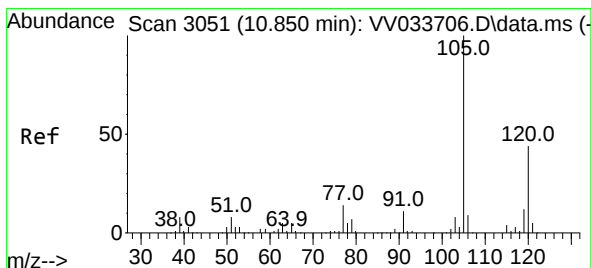
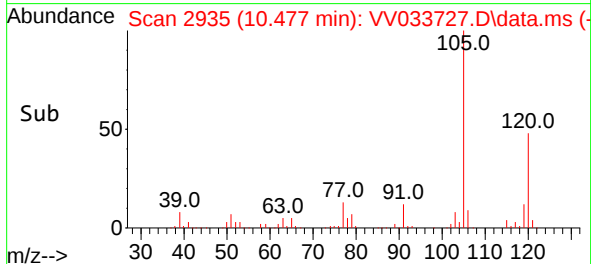
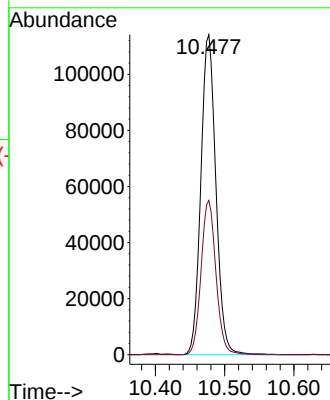
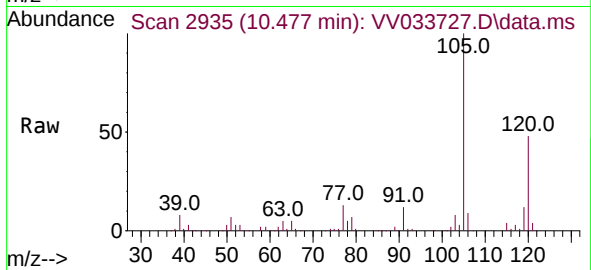




#62
1,3,5-Trimethylbenzene
Concen: 4.514 ug/L
RT: 10.477 min Scan# 2934
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

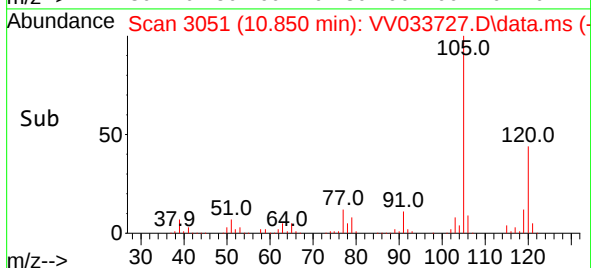
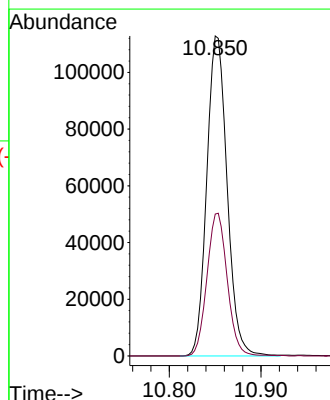
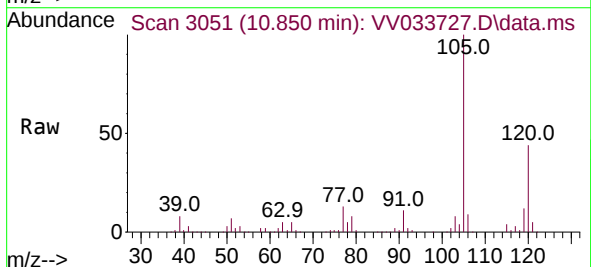
Instrument :
MSVOA_V
ClientSampleId :

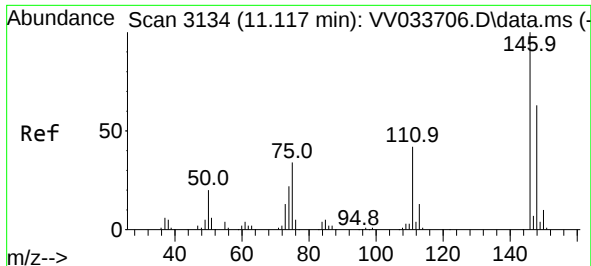
Tgt Ion:105 Resp: 172032
Ion Ratio Lower Upper
105 100
120 47.7 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 4.520 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion:105 Resp: 173916
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

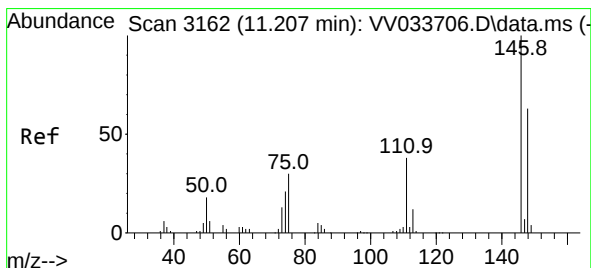
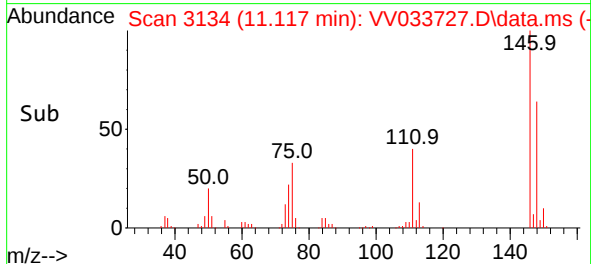
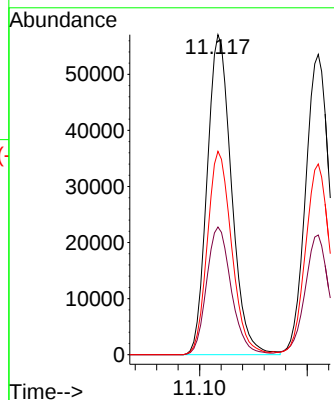
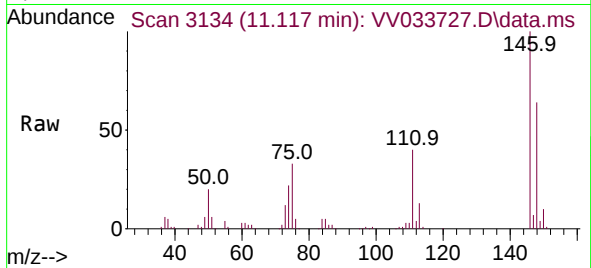




#64
1,3-Dichlorobenzene
Concen: 4.600 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

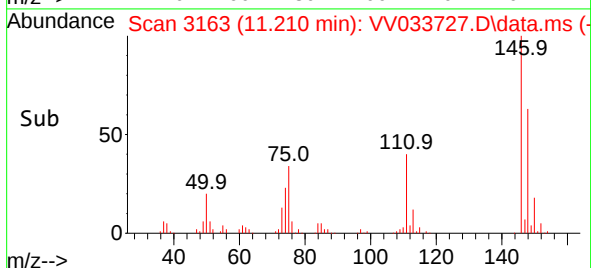
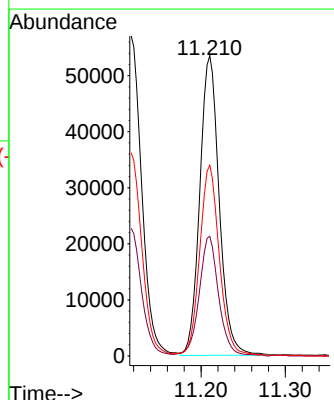
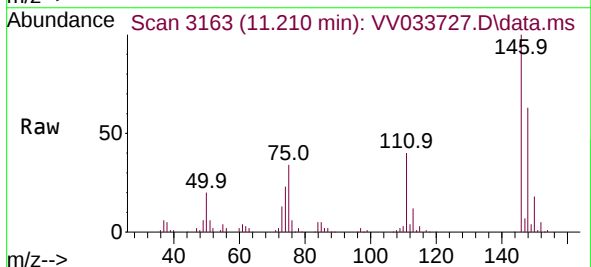
Instrument :
MSVOA_V
ClientSampleId :

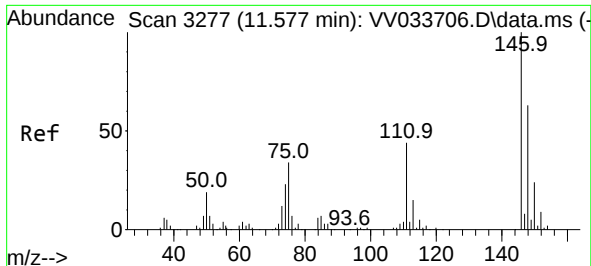
Tgt Ion:146 Resp: 89747
Ion Ratio Lower Upper
146 100
111 39.9 29.2 54.2
148 63.5 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 4.495 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV033727.D
Acq: 17 Jan 2024 18:30

Tgt Ion:146 Resp: 85871
Ion Ratio Lower Upper
146 100
111 39.9 27.5 51.1
148 63.5 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 4.545 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

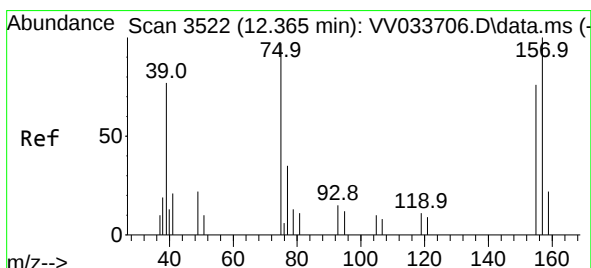
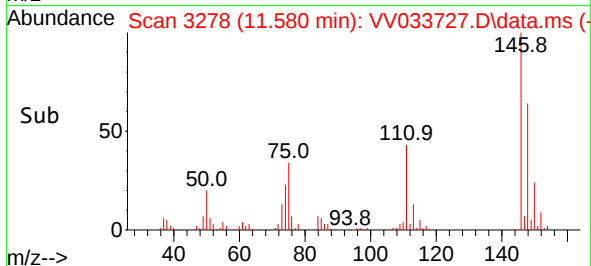
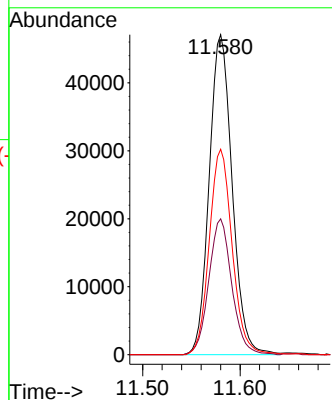
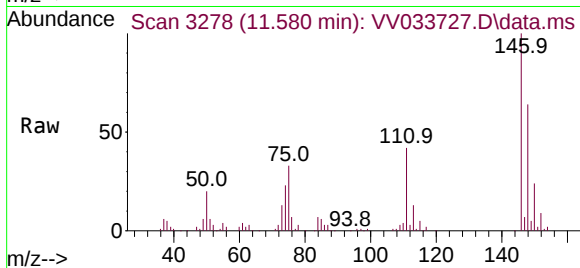
Tgt Ion:146 Resp: 77061

Ion Ratio Lower Upper

146 100

111 42.5 36.1 54.1

148 64.2 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.369 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

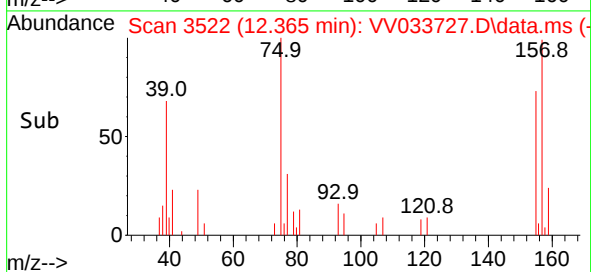
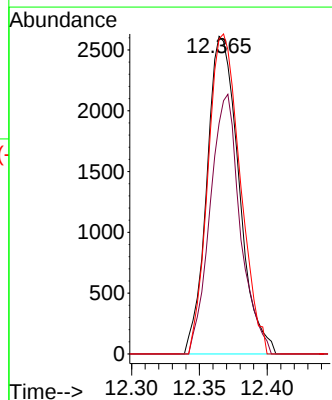
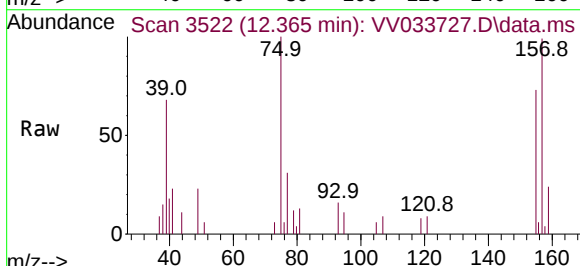
Tgt Ion: 75 Resp: 4292

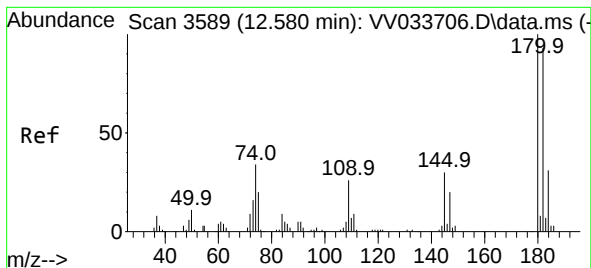
Ion Ratio Lower Upper

75 100

155 72.6 65.3 97.9

157 99.2 75.4 113.0





#69

1,3,5-Trichlorobenzene

Concen: 4.608 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

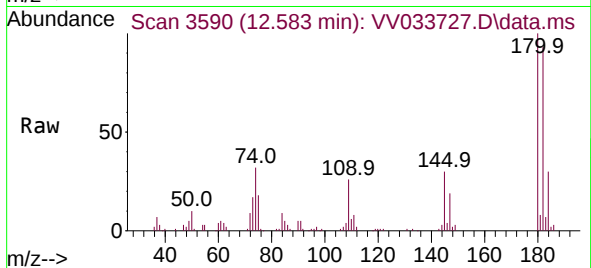
Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 69789

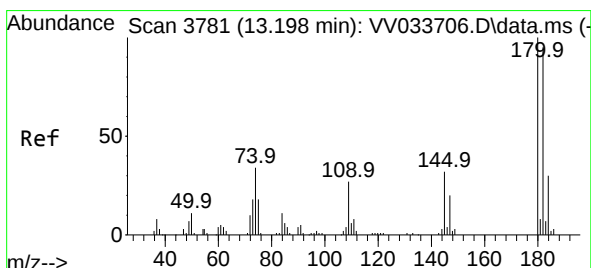
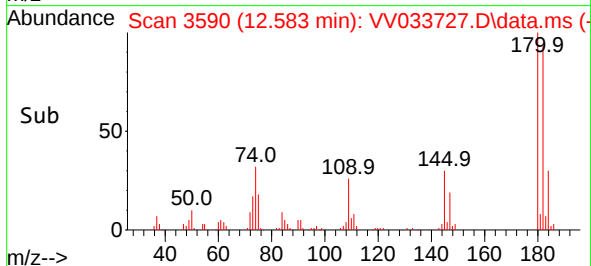
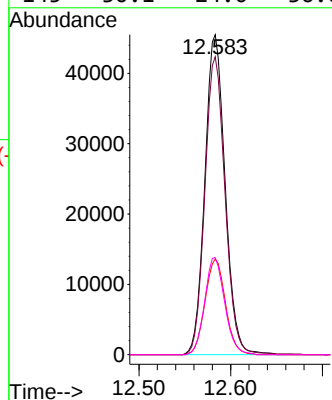
Ion Ratio Lower Upper

180 100

182 92.8 76.4 114.6

184 30.1 24.2 36.2

145 30.1 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 4.275 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

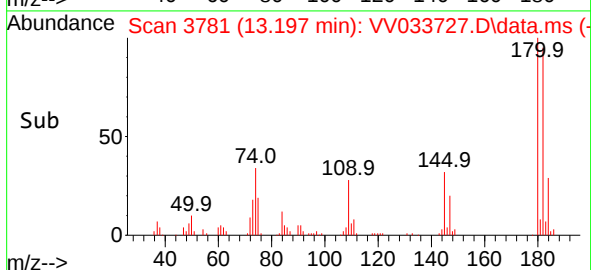
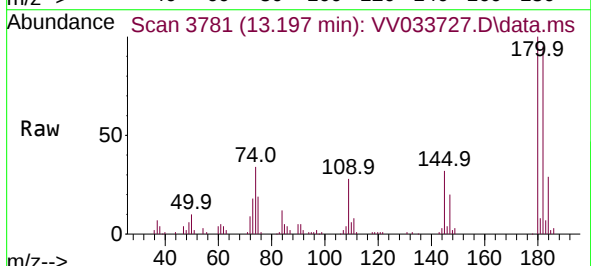
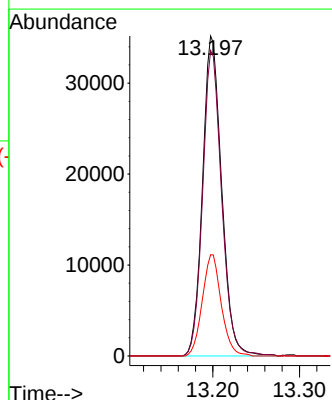
Tgt Ion:180 Resp: 53948

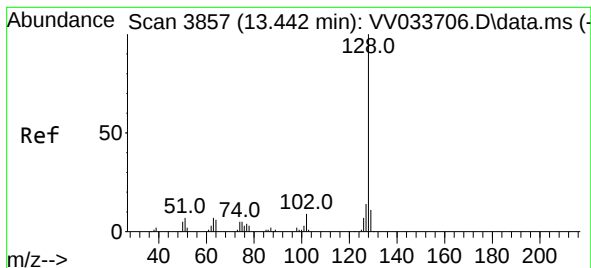
Ion Ratio Lower Upper

180 100

182 94.8 75.0 112.6

145 31.3 24.8 37.2





#71

Naphthalene

Concen: 3.202 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. -0.000 min

Lab File: VV033727.D

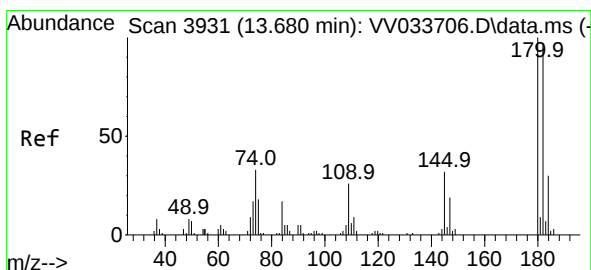
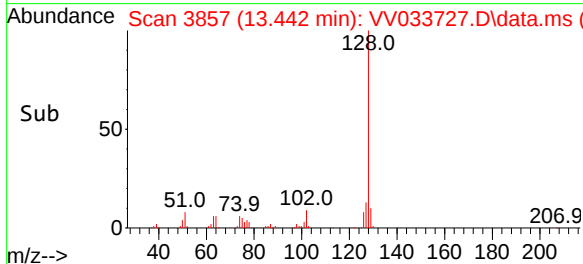
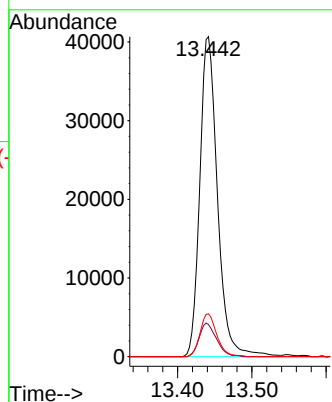
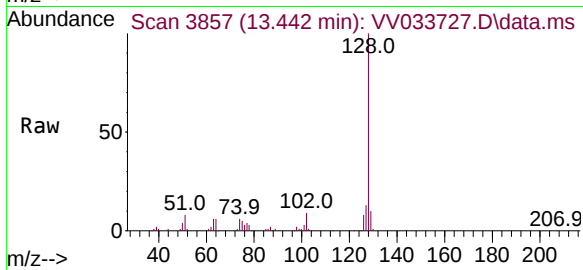
Acq: 17 Jan 2024 18:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	67436
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.8 13.2
127	12.7	10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.286 ug/L

RT: 13.680 min Scan# 3931

Delta R.T. -0.000 min

Lab File: VV033727.D

Acq: 17 Jan 2024 18:30

Tgt Ion:180	Resp:	43373
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.0 112.6
145	32.9	26.6 40.0

