

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033589.D
 Acq On : 12 Jan 2024 12:09
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:39:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	140148	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	127866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63711	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	36216	4.726	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.600%
7) Chloroethane-d5	1.532	69	33120	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.056	65	16234	4.700	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	3.828	46	92487	49.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.720%
24) Chloroform-d	4.249	84	81748	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	4.947	65	36797	4.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	4.960	84	154475	5.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	5.989	67	48685	4.733	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.243	98	135457	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.558	79	18017	5.066	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.400%
46) 2-Hexanone-d5	8.030	63	72841	52.172	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	29964	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	49220	5.032	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	63069	4.939	ug/L	97
3) Chloromethane	1.214	50	76760	5.014	ug/L	98
5) Vinyl chloride	1.281	62	71822	4.927	ug/L	100
6) Bromomethane	1.487	94	35658	4.890	ug/L	99
8) Chloroethane	1.548	64	43206	4.880	ug/L	100
9) Trichlorofluoromethane	1.712	101	90748	5.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	50734	5.096	ug/L	98
12) 1,1-Dichloroethene	2.069	96	47711	4.829	ug/L	98
13) Acetone	2.150	43	63456	41.716	ug/L	93
14) Carbon disulfide	2.240	76	181651	4.970	ug/L	100
15) Methyl Acetate	2.384	43	17744	4.880	ug/L	93
16) Methylene chloride	2.445	84	56792	4.871	ug/L	98
17) Methyl tert-butyl Ether	2.703	73	117322	5.245	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	56636	5.075	ug/L	99
19) 1,1-Dichloroethane	3.108	63	112933	5.093	ug/L	98
21) 2-Butanone	3.905	43	103300	48.923	ug/L	94
22) cis-1,2-Dichloroethene	3.815	96	59318	5.076	ug/L	97
23) Bromochloromethane	4.150	128	22773	5.344	ug/L	98
25) Chloroform	4.275	83	104739	5.144	ug/L	99

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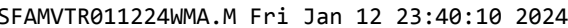
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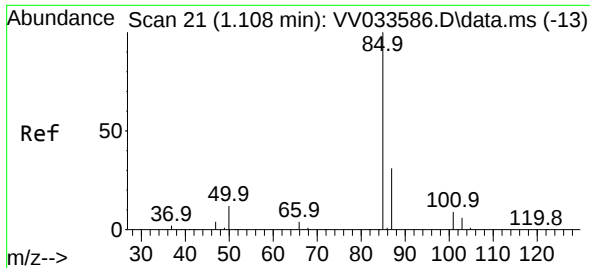
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:30:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.043	62	58870	5.075	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	90909	5.014	ug/L	99
30) Cyclohexane	4.580	56	109576	5.043	ug/L	97
31) Carbon tetrachloride	4.735	117	79398	5.137	ug/L	97
33) Benzene	5.008	78	232159	5.114	ug/L	100
34) Trichloroethene	5.831	95	61789	5.113	ug/L	97
35) Methylcyclohexane	6.050	83	103158	5.043	ug/L	98
37) 1,2-Dichloropropane	6.092	63	57881	5.134	ug/L	100
38) Bromodichloromethane	6.432	83	71328	5.191	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	85351	5.302	ug/L	97
40) 4-Methyl-2-pentanone	7.159	43	271092	52.309	ug/L	99
42) Toluene	7.317	91	244824	5.099	ug/L	100
44) trans-1,3-Dichloropropene	7.583	75	67801	5.226	ug/L	99
45) 1,1,2-Trichloroethane	7.770	97	31825	5.081	ug/L	98
47) Tetrachloroethene	7.905	164	44817	5.162	ug/L	99
48) 2-Hexanone	8.082	43	194078	51.118	ug/L	98
49) Dibromochloromethane	8.178	129	40798	5.231	ug/L	98
50) 1,2-Dibromoethane	8.284	107	30525	5.280	ug/L	98
51) Chlorobenzene	8.815	112	149248	5.074	ug/L	99
52) Ethylbenzene	8.947	91	281688	5.061	ug/L	99
53) m,p-Xylene	9.072	106	102413	4.995	ug/L	98
54) o-Xylene	9.477	106	101316	5.077	ug/L	100
55) Styrene	9.497	104	164314	5.167	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	36592	5.323	ug/L	96
59) Bromoform	9.667	173	21729	5.651	ug/L	97
60) Isopropylbenzene	9.866	105	261179	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	25698	5.032	ug/L	95
62) 1,3,5-Trimethylbenzene	10.477	105	228228	5.240	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	232829	5.295	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	116049	5.205	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	109721	5.026	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	102201	5.275	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.368	75	6011	5.355	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	89268	5.158	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	74769	5.185	ug/L	99
71) Naphthalene	13.442	128	129557	5.383	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	61017	5.276	ug/L	99

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

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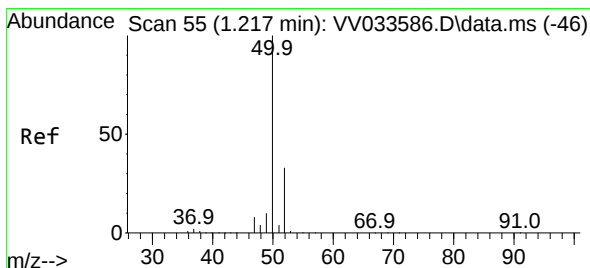
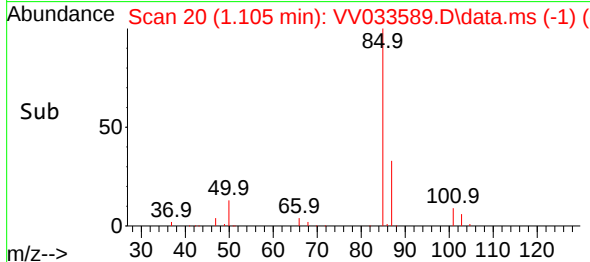
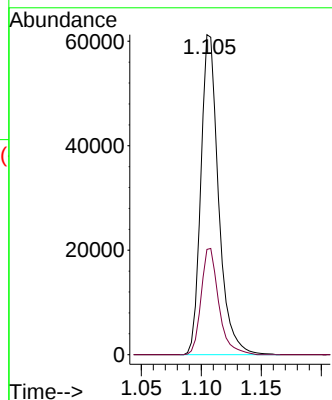
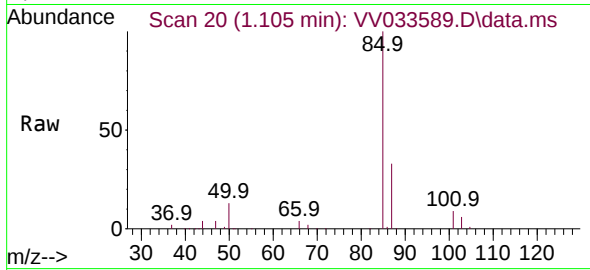




#2
 Dichlorodifluoromethane
 Concen: 4.939 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

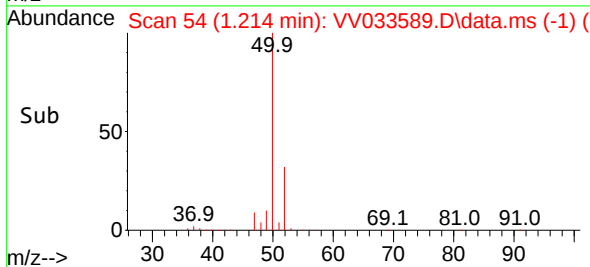
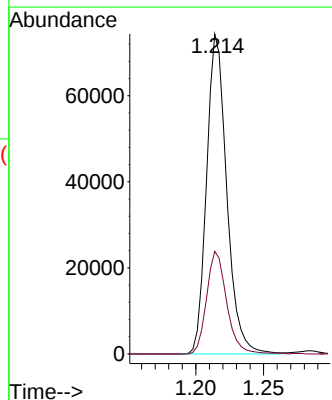
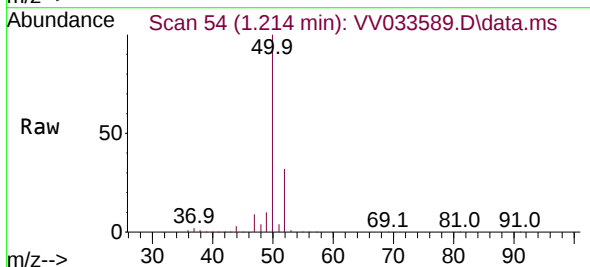
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 ClientSampleId :

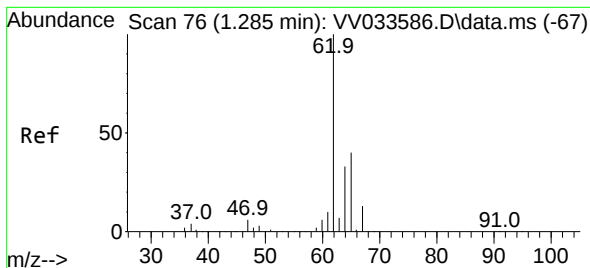
Tgt Ion: 85 Resp: 63069
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.2 37.8



#3
 Chloromethane
 Concen: 5.014 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

Tgt Ion: 50 Resp: 76760
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.1 42.9





#5

Vinyl chloride

Concen: 4.927 ug/L

RT: 1.281 min Scan# 71

Delta R.T. -0.003 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

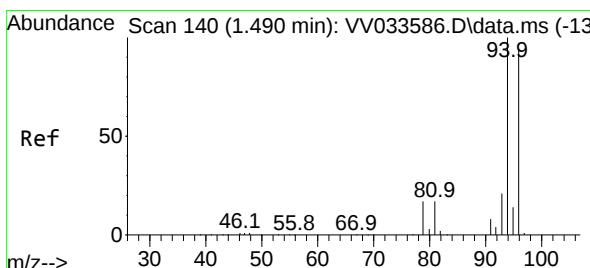
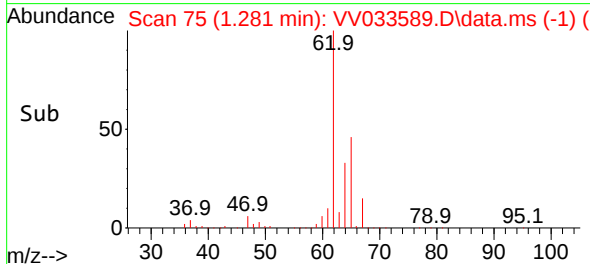
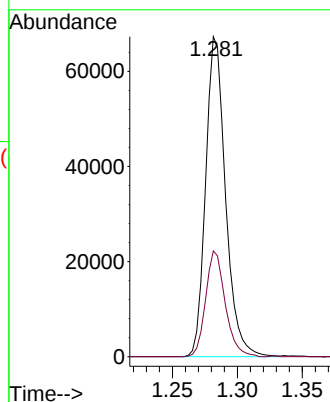
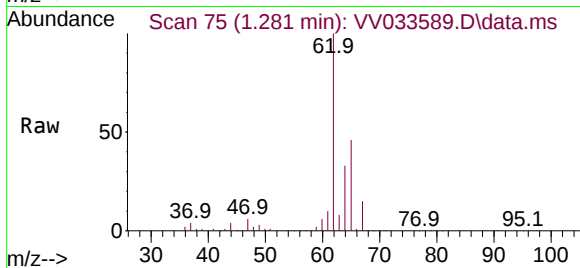
ClientSampleId :

Tgt Ion: 62 Resp: 71822

Ion Ratio Lower Upper

62 100

64 33.1 23.0 42.8



#6

Bromomethane

Concen: 4.890 ug/L

RT: 1.487 min Scan# 139

Delta R.T. -0.003 min

Lab File: VV033589.D

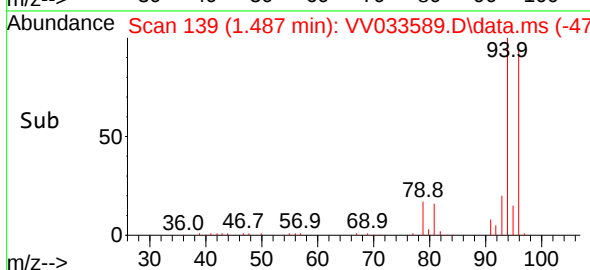
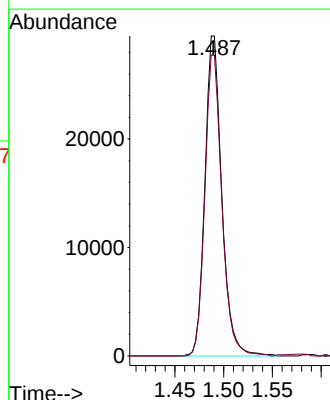
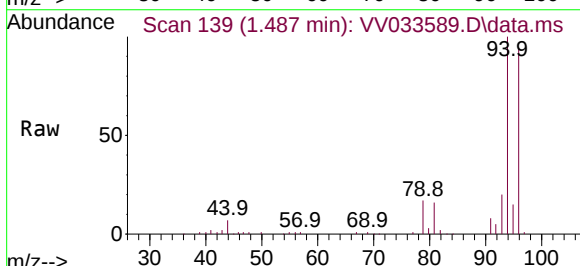
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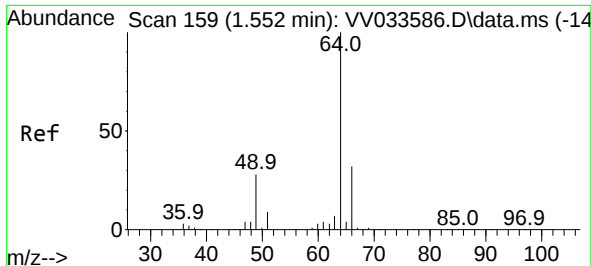
Tgt Ion: 94 Resp: 35658

Ion Ratio Lower Upper

94 100

96 94.0 65.5 121.6

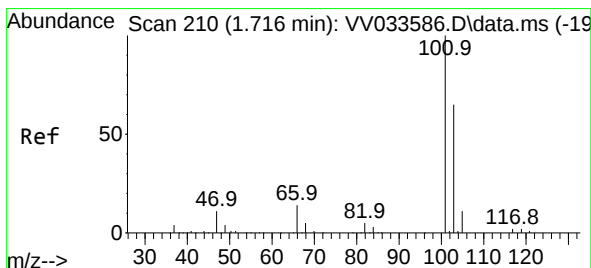
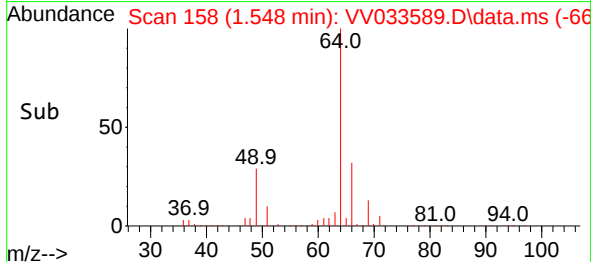
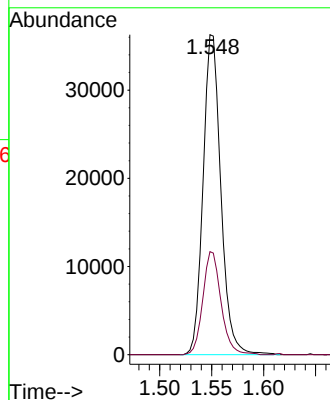
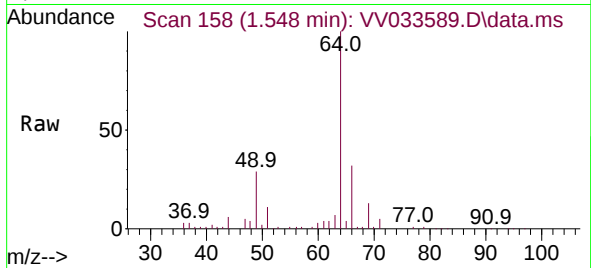




#8
Chloroethane
Concen: 4.880 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

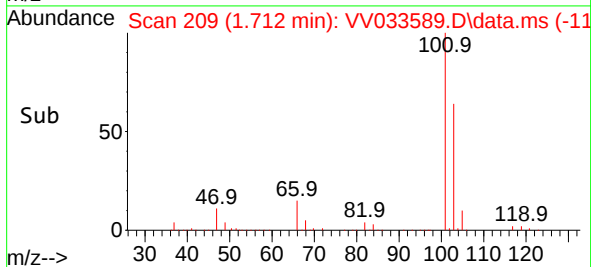
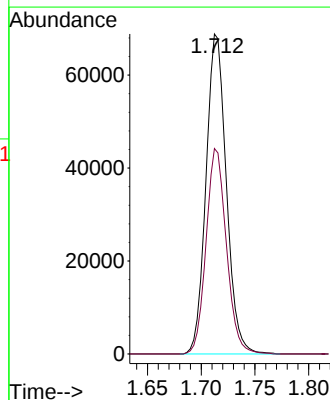
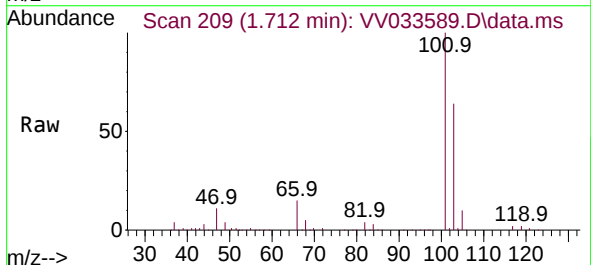
Instrument :
MSVOA_V
ClientSampleId :

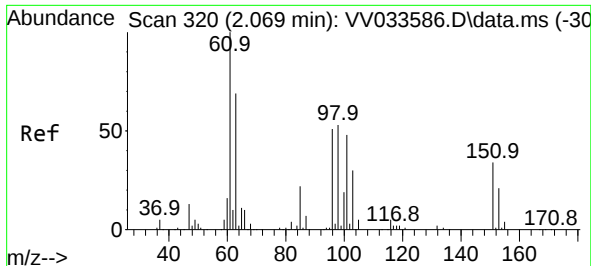
Tgt Ion: 64 Resp: 43206
Ion Ratio Lower Upper
64 100
66 32.2 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.123 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:101 Resp: 90748
Ion Ratio Lower Upper
101 100
103 64.1 52.1 78.1

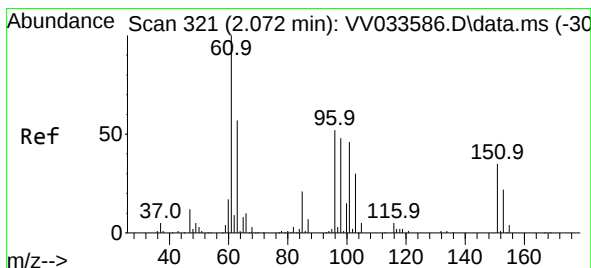
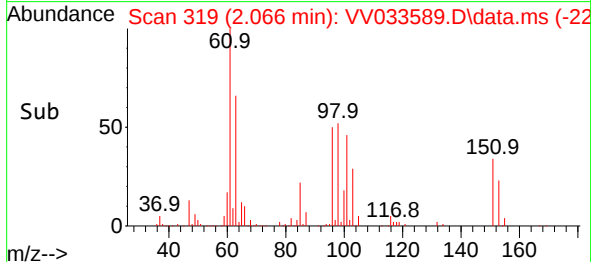
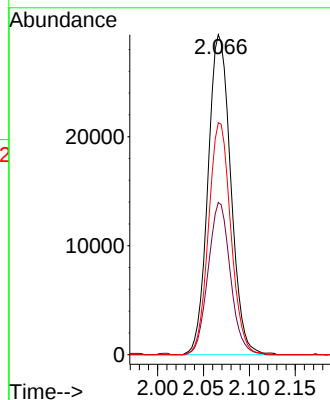
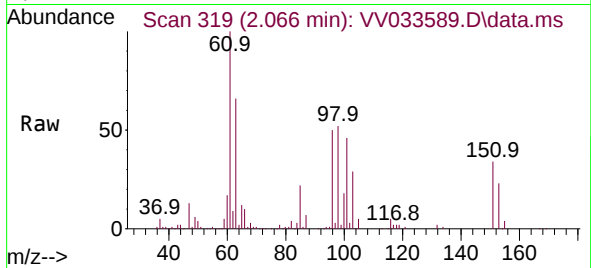




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.096 ug/L
 RT: 2.066 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

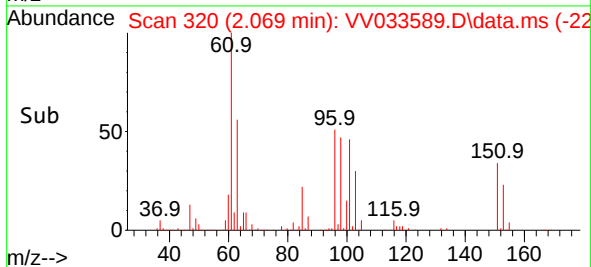
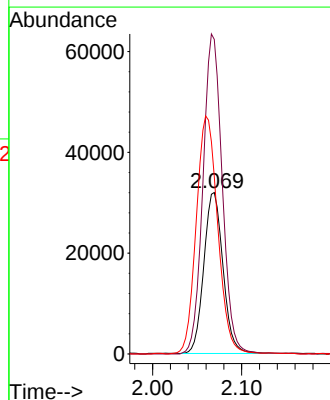
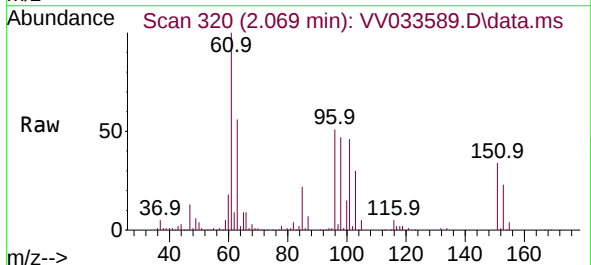
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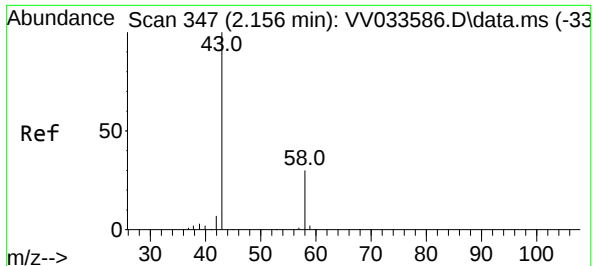
Tgt Ion:101 Resp: 50734
 Ion Ratio Lower Upper
 101 100
 85 46.4 36.4 54.6
 151 70.9 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 4.829 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. -0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

Tgt Ion: 96 Resp: 47711
 Ion Ratio Lower Upper
 96 100
 61 194.9 133.8 248.4
 63 110.0 77.2 143.4





#13

Acetone

Concen: 41.716 ug/L

RT: 2.150 min Scan# 34

Delta R.T. -0.006 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

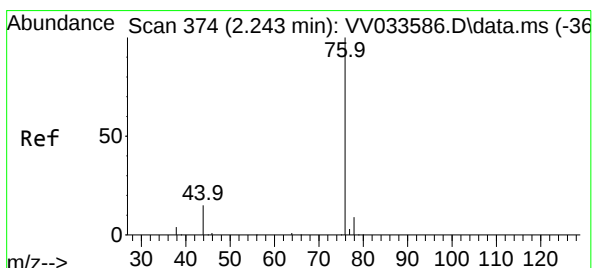
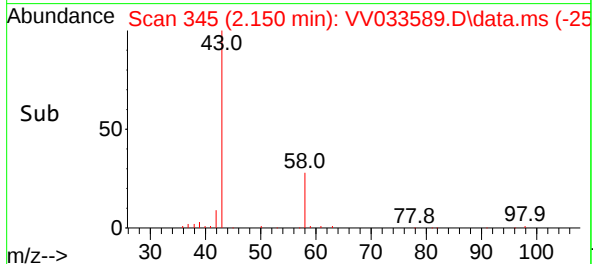
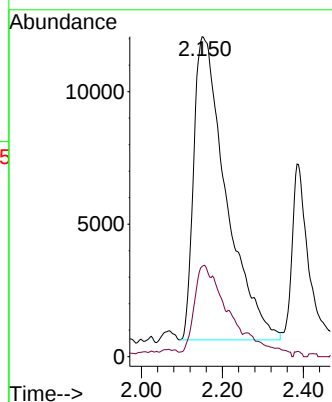
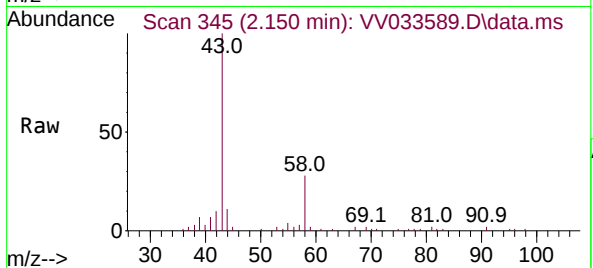
ClientSampleId :

Tgt Ion: 43 Resp: 63456

Ion Ratio Lower Upper

43 100

58 21.7 0.0 51.0



#14

Carbon disulfide

Concen: 4.970 ug/L

RT: 2.240 min Scan# 373

Delta R.T. -0.003 min

Lab File: VV033589.D

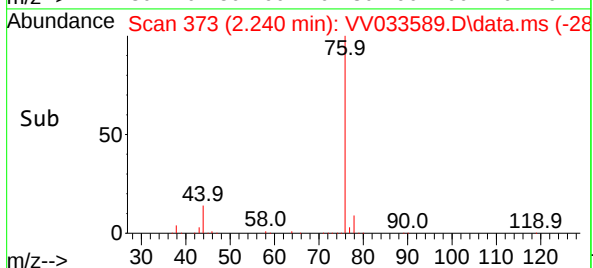
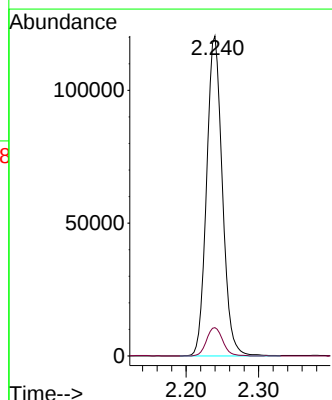
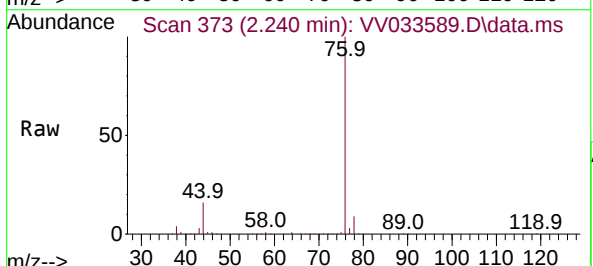
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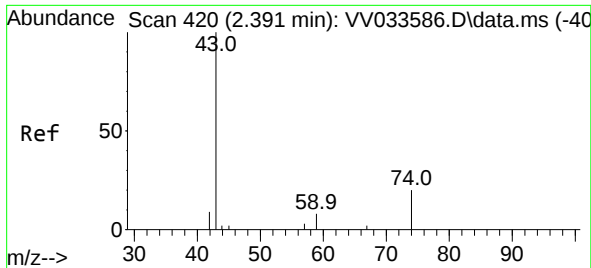
Tgt Ion: 76 Resp: 181651

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

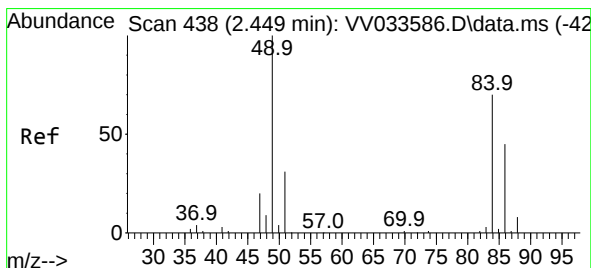
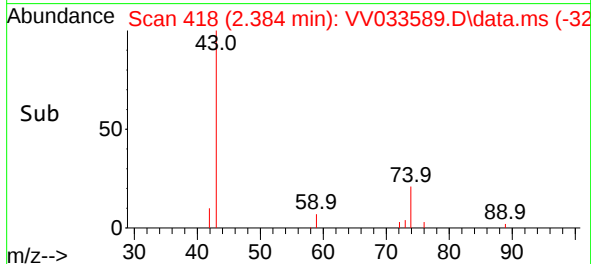
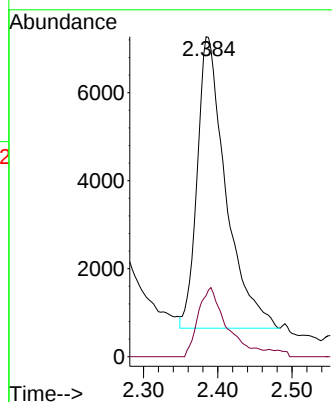
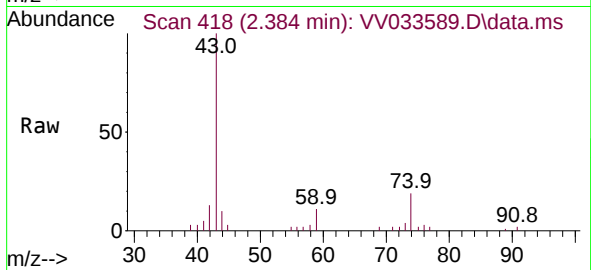




#15
Methyl Acetate
Concen: 4.880 ug/L
RT: 2.384 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

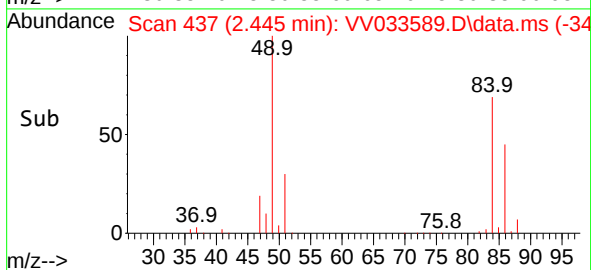
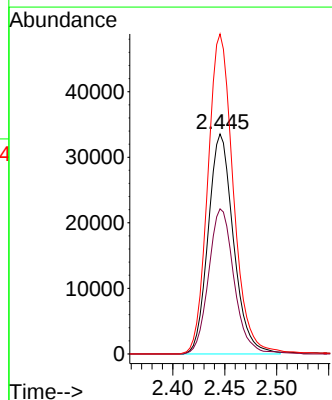
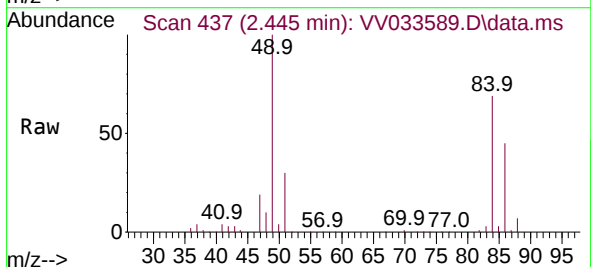
Instrument :
MSVOA_V
ClientSampleId :

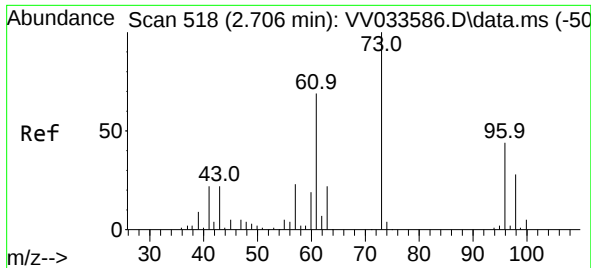
Tgt Ion: 43 Resp: 17744
Ion Ratio Lower Upper
43 100
74 23.8 16.6 24.8



#16
Methylene chloride
Concen: 4.871 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

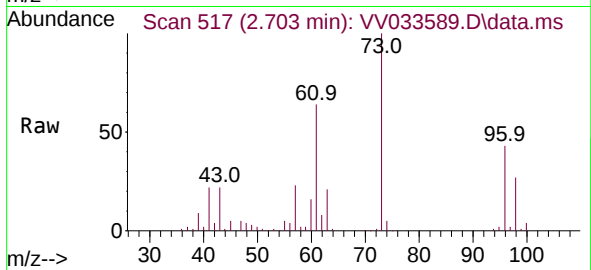
Tgt Ion: 84 Resp: 56792
Ion Ratio Lower Upper
84 100
86 65.9 45.5 84.5
49 145.4 100.3 186.3



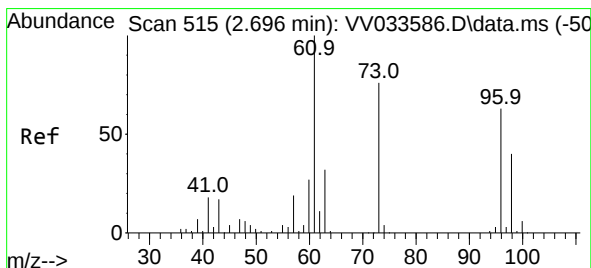
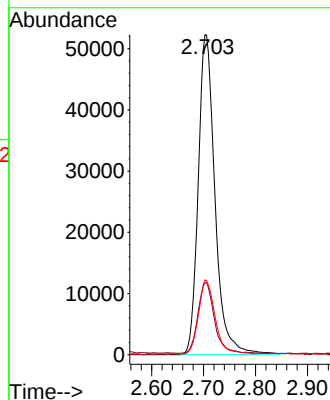
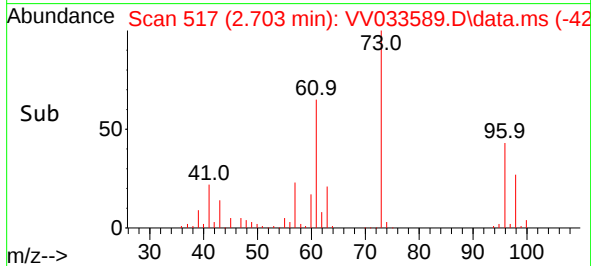


#17
Methyl tert-butyl Ether
Concen: 5.245 ug/L
RT: 2.703 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :

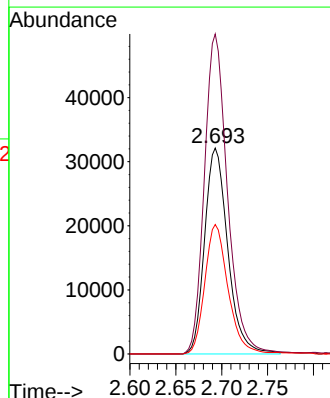
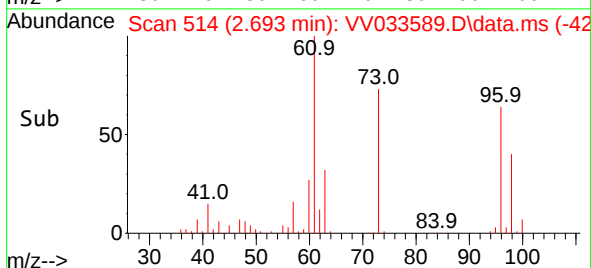
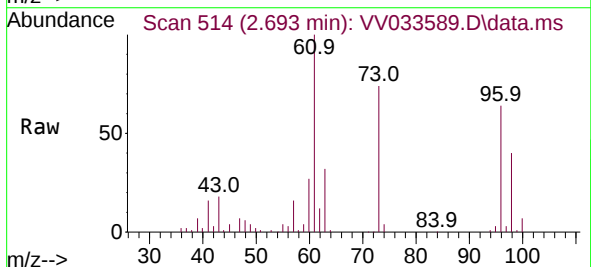


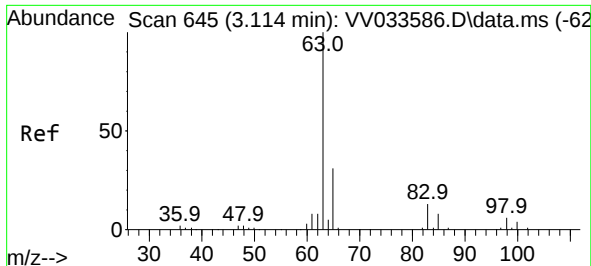
Tgt Ion: 73 Resp: 117322
Ion Ratio Lower Upper
73 100
43 21.4 17.7 26.5
57 22.7 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.075 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 96 Resp: 56636
Ion Ratio Lower Upper
96 100
61 155.4 110.4 205.0
98 62.9 44.1 81.9

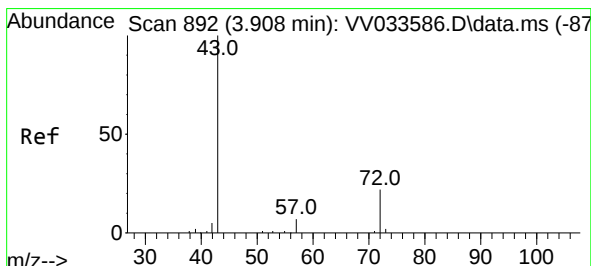
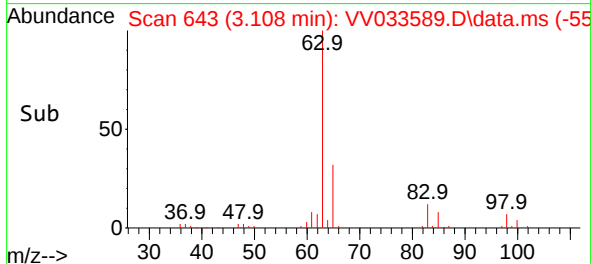
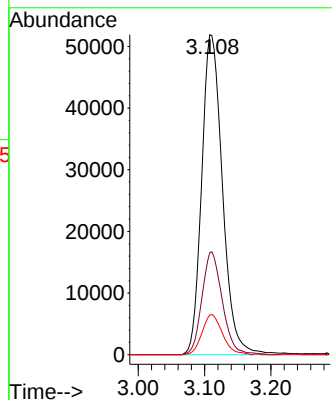
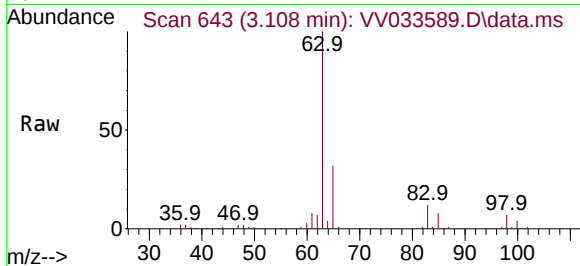




#19
1,1-Dichloroethane
Concen: 5.093 ug/L
RT: 3.108 min Scan# 64
Delta R.T. -0.006 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

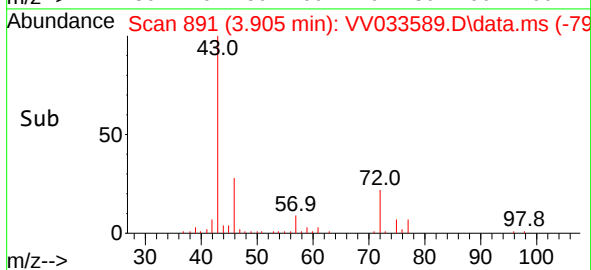
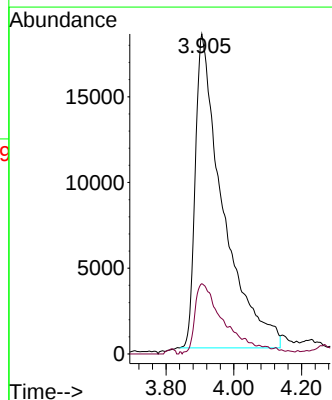
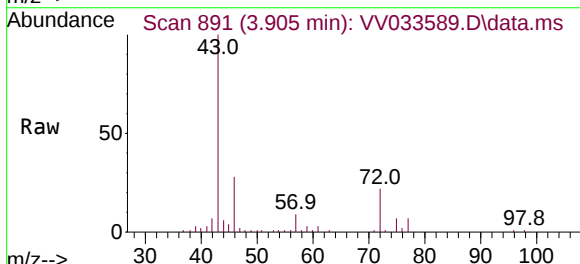
Instrument :
MSVOA_V
ClientSampleId :

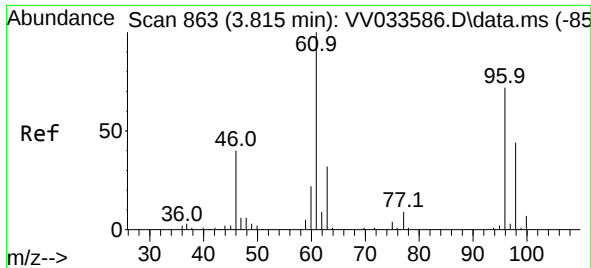
Tgt Ion: 63 Resp: 112933
Ion Ratio Lower Upper
63 100
65 31.9 21.6 40.2
83 12.4 9.1 16.9



#21
2-Butanone
Concen: 48.923 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 43 Resp: 103300
Ion Ratio Lower Upper
43 100
72 18.2 10.5 31.6

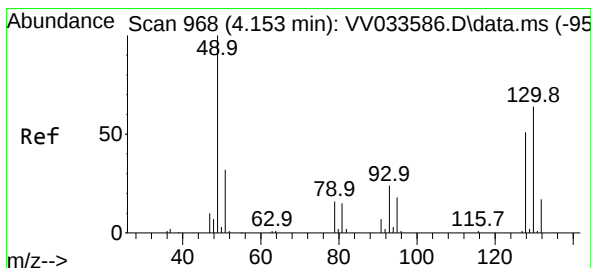
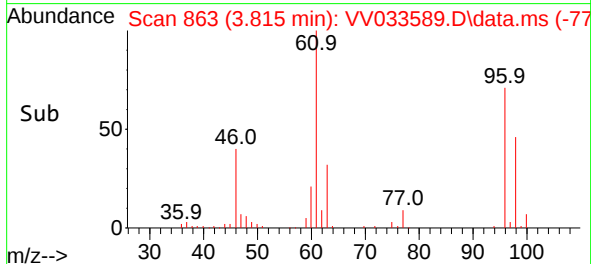
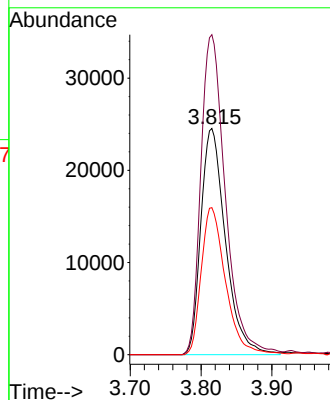
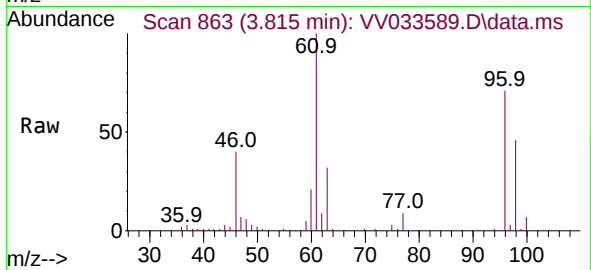




#22
 cis-1,2-Dichloroethene
 Concen: 5.076 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

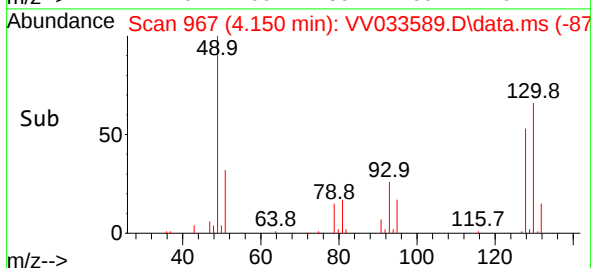
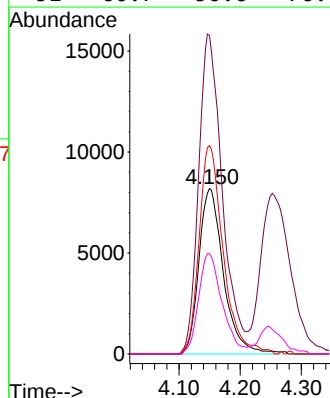
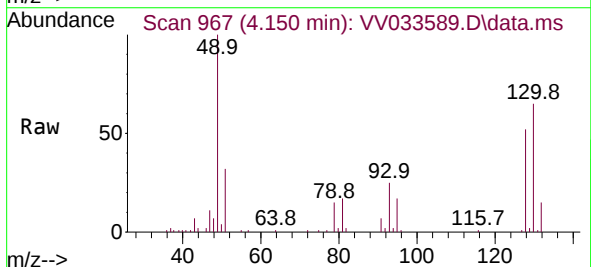
Instrument :
 MSVOA_V
 ClientSampleId :

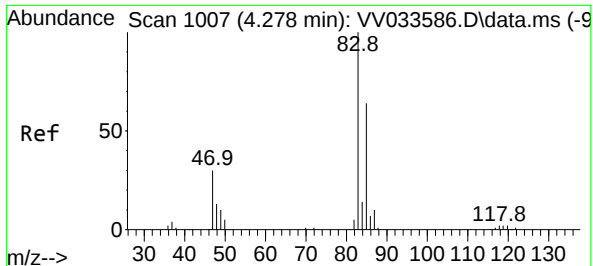
Tgt Ion: 96 Resp: 59318
 Ion Ratio Lower Upper
 96 100
 61 141.5 97.1 180.3
 98 65.0 42.6 79.0



#23
 Bromochloromethane
 Concen: 5.344 ug/L
 RT: 4.150 min Scan# 967
 Delta R.T. -0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

Tgt Ion:128 Resp: 22773
 Ion Ratio Lower Upper
 128 100
 49 192.5 136.4 253.2
 130 125.9 87.5 162.5
 51 60.7 50.6 76.0





#25

Chloroform

Concen: 5.144 ug/L

RT: 4.275 min Scan# 10

Delta R.T. -0.003 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

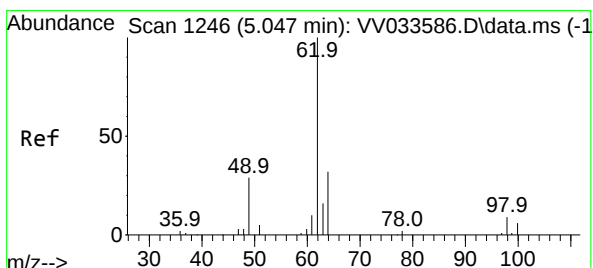
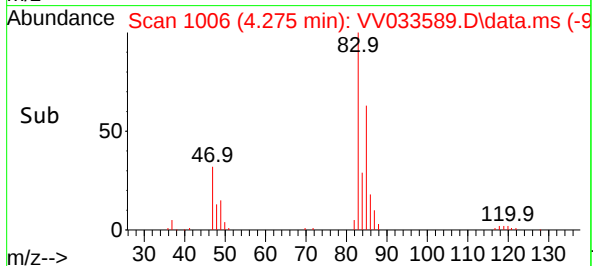
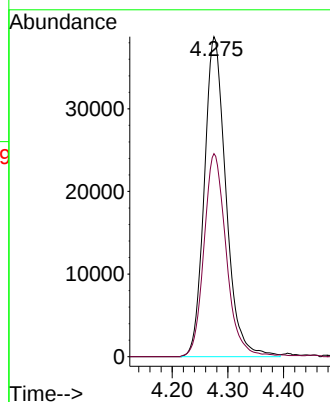
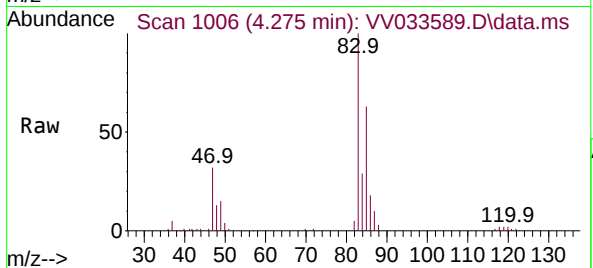
ClientSampleId :

Tgt Ion: 83 Resp: 104739

Ion Ratio Lower Upper

83 100

85 63.5 45.1 83.9



#27

1,2-Dichloroethane

Concen: 5.075 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VV033589.D

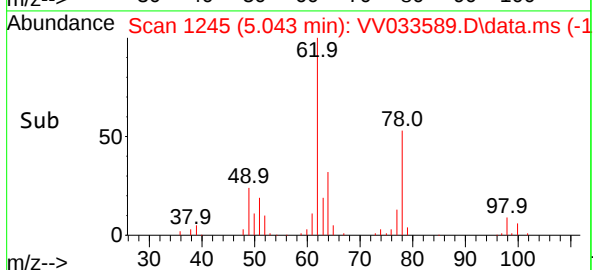
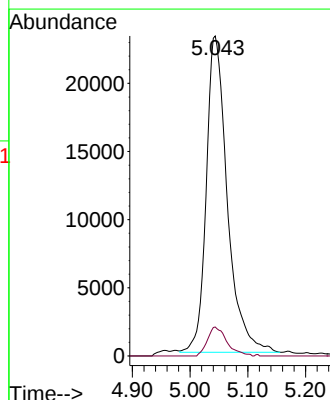
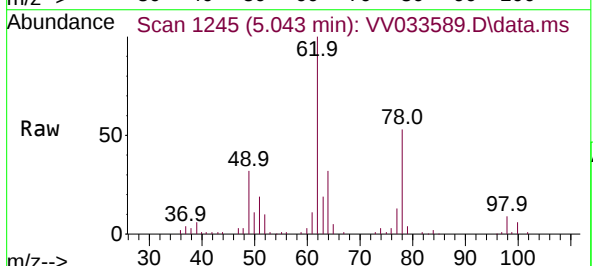
Acq: 12 Jan 2024 12:09

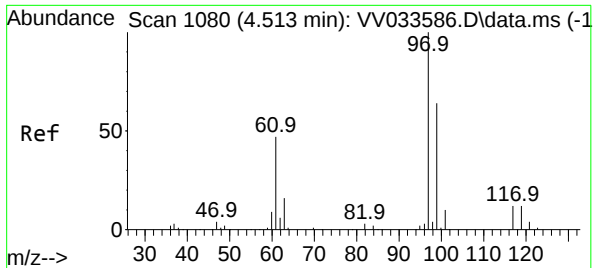
Tgt Ion: 62 Resp: 58870

Ion Ratio Lower Upper

62 100

98 9.1 7.0 10.6

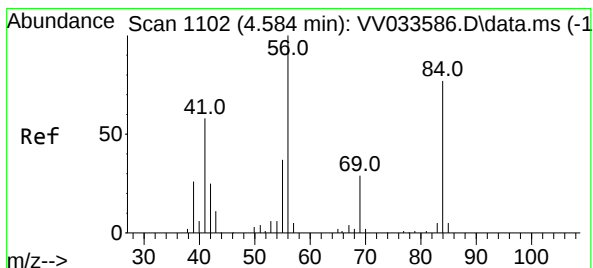
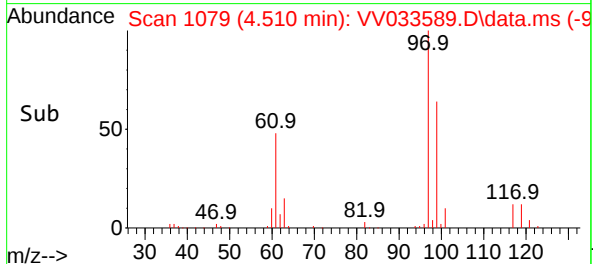
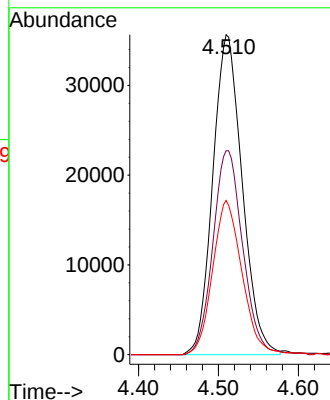
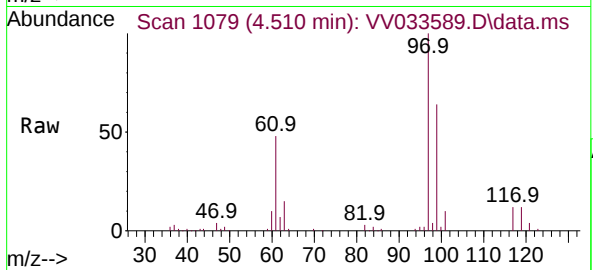




#29
1,1,1-Trichloroethane
Concen: 5.014 ug/L
RT: 4.510 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

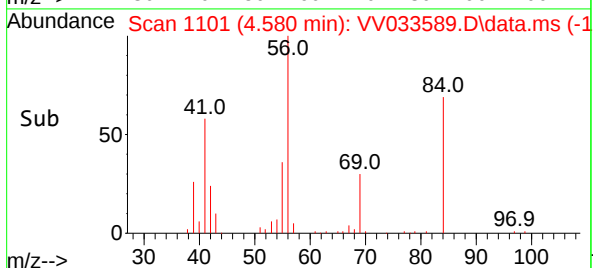
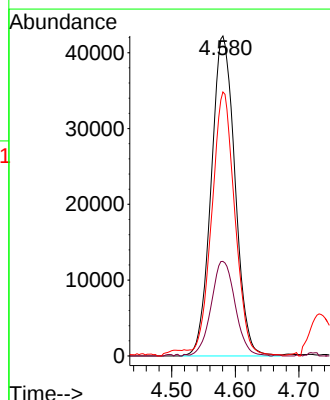
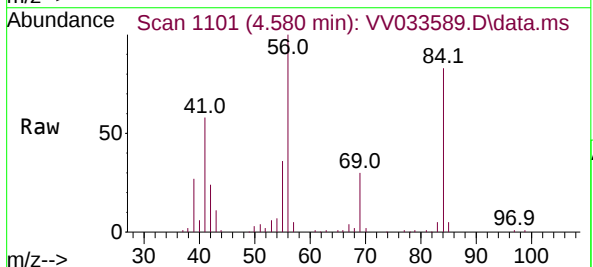
Instrument :
MSVOA_V
ClientSampleId :

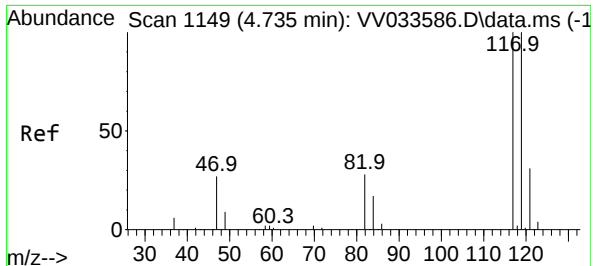
Tgt Ion: 97	Resp: 90909
Ion Ratio	Lower Upper
97 100	
99 64.7	50.8 76.2
61 48.1	38.1 57.1



#30
Cyclohexane
Concen: 5.043 ug/L
RT: 4.580 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 56	Resp: 109576
Ion Ratio	Lower Upper
56 100	
69 29.8	23.3 34.9
84 79.8	61.7 92.5

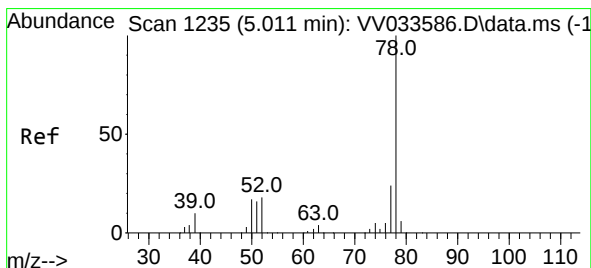
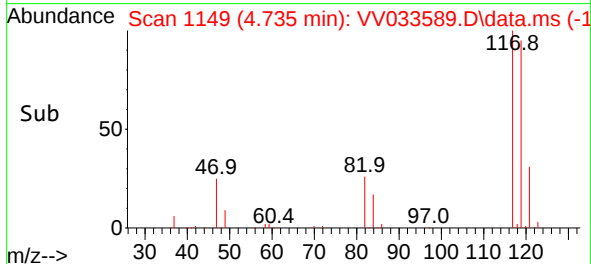
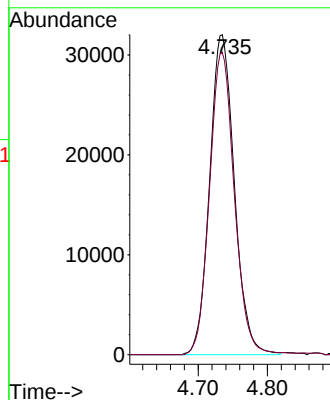
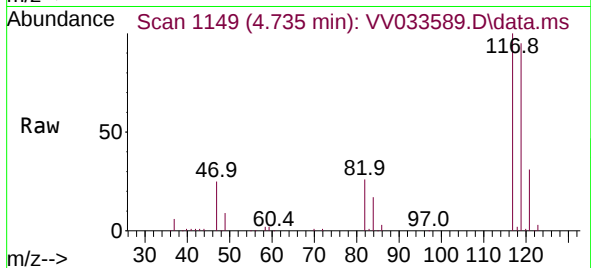




#31
Carbon tetrachloride
Concen: 5.137 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

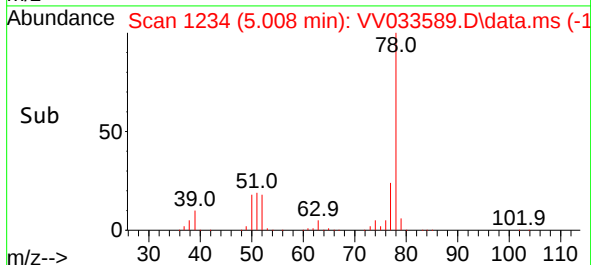
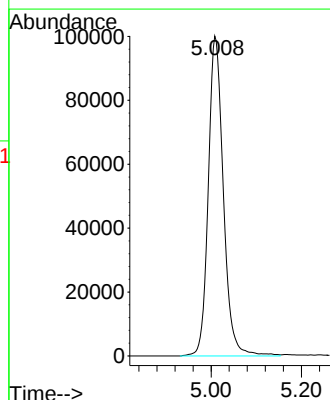
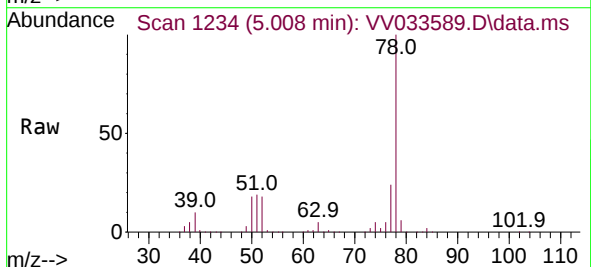
Instrument :
MSVOA_V
ClientSampleId :

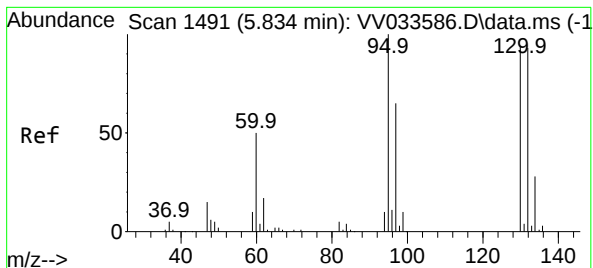
Tgt Ion:117 Resp: 79398
Ion Ratio Lower Upper
117 100
119 94.6 78.3 117.5



#33
Benzene
Concen: 5.114 ug/L
RT: 5.008 min Scan# 1234
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 78 Resp: 232159





#34

Trichloroethene

Concen: 5.113 ug/L

RT: 5.831 min Scan# 1491

Delta R.T. -0.003 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 61789

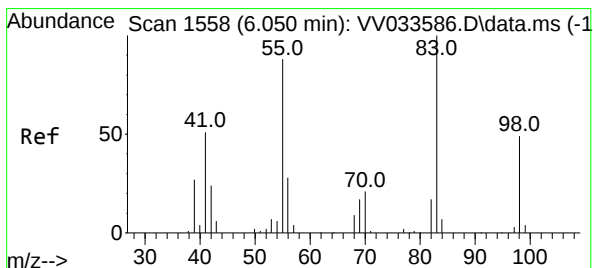
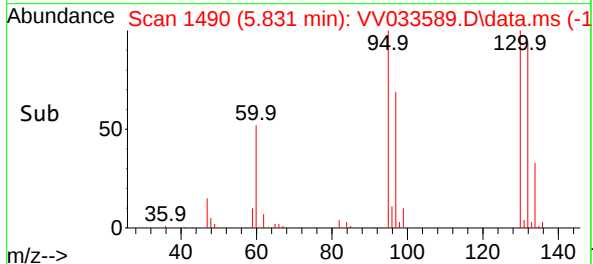
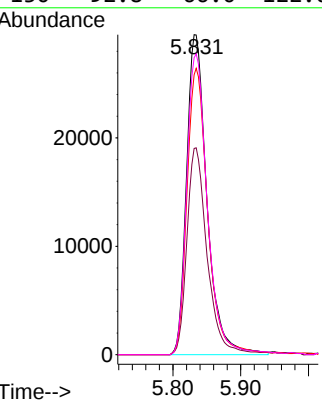
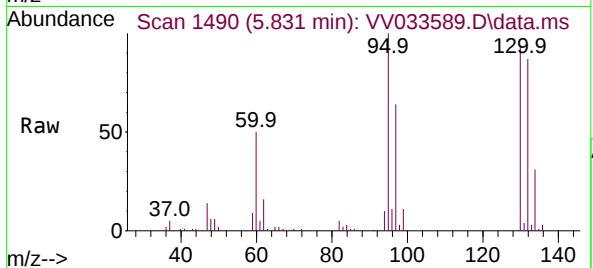
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.9

132 87.4 65.2 121.2

130 92.8 66.0 122.6



#35

Methylcyclohexane

Concen: 5.043 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

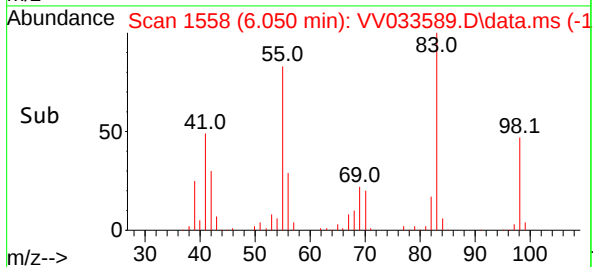
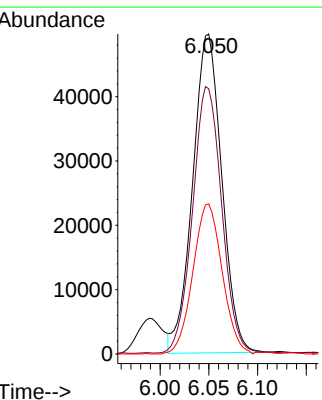
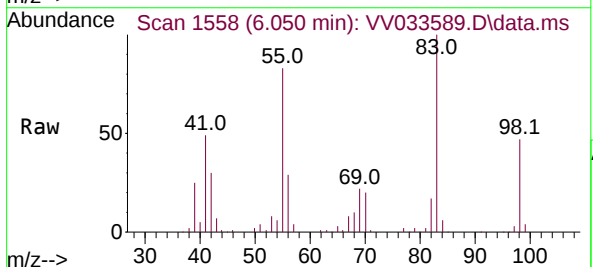
Tgt Ion: 83 Resp: 103158

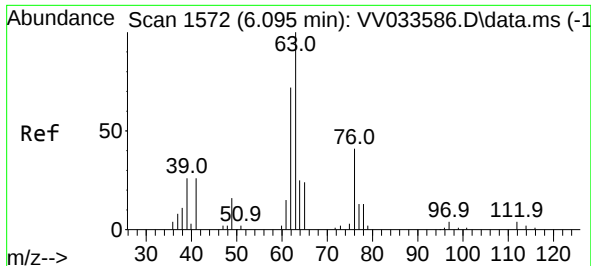
Ion Ratio Lower Upper

83 100

55 83.6 68.7 103.1

98 47.3 38.3 57.5

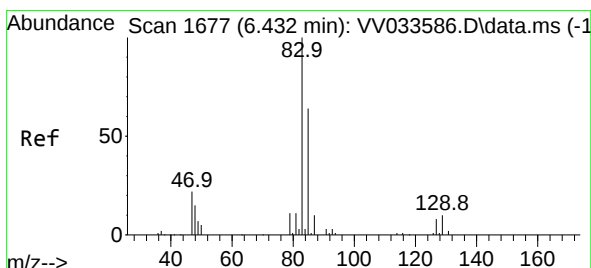
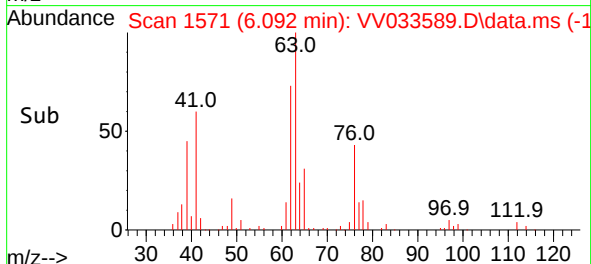
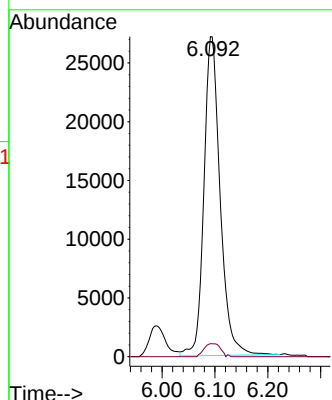
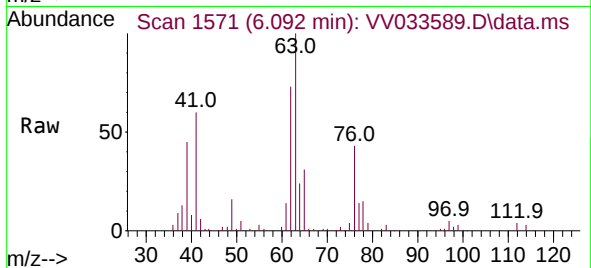




#37
1,2-Dichloropropane
Concen: 5.134 ug/L
RT: 6.092 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

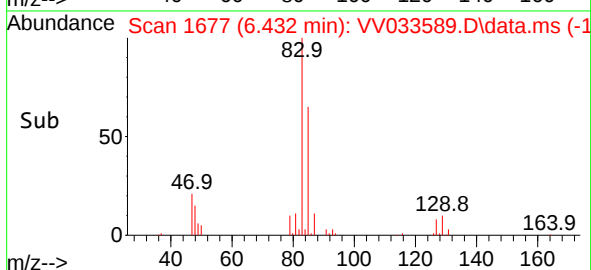
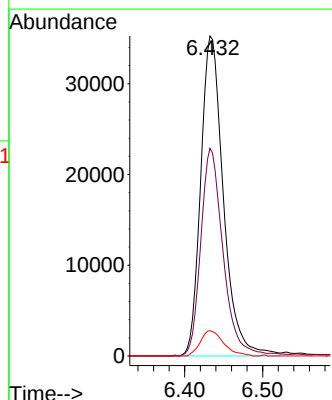
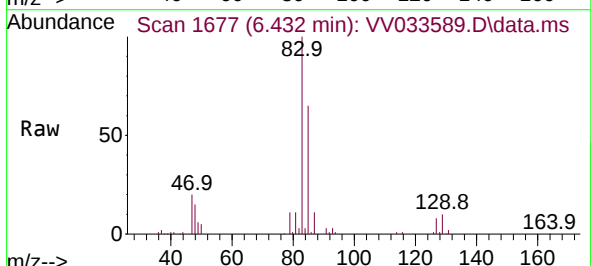
Instrument :
MSVOA_V
ClientSampleId :

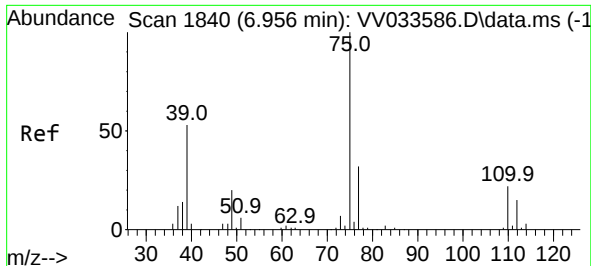
Tgt Ion: 63 Resp: 57881
Ion Ratio Lower Upper
63 100
112 4.2 3.4 5.2



#38
Bromodichloromethane
Concen: 5.191 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 83 Resp: 71328
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.9
127 7.9 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.302 ug/L

RT: 6.956 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

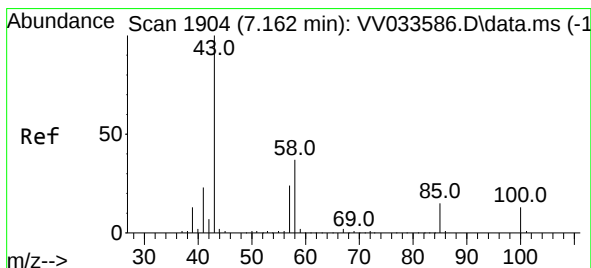
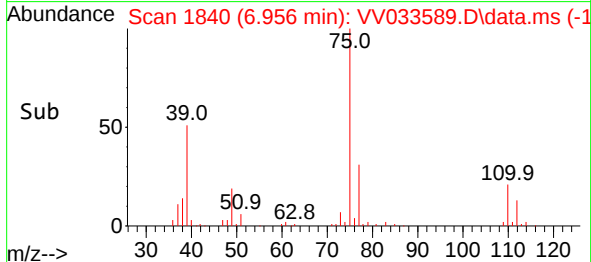
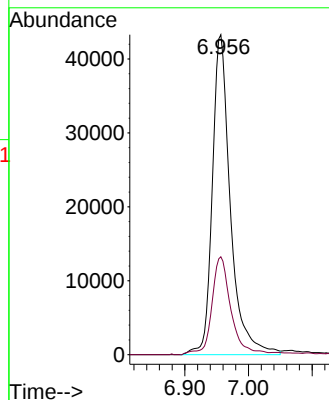
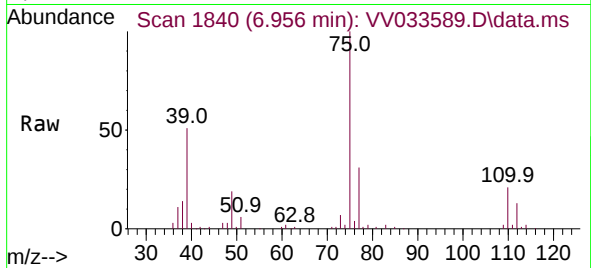
ClientSampleId :

Tgt Ion: 75 Resp: 85351

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 52.309 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

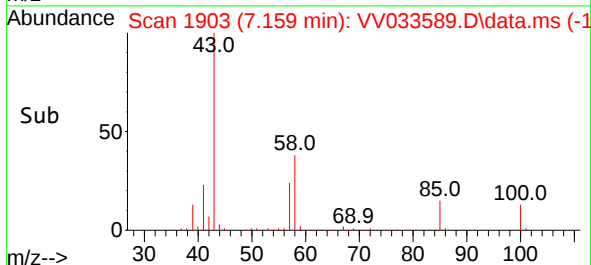
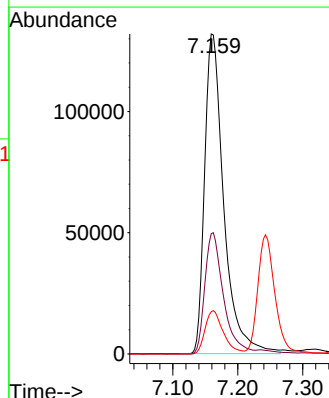
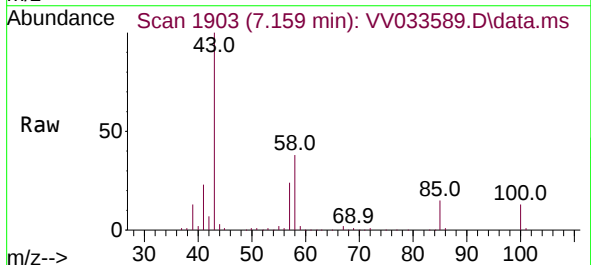
Tgt Ion: 43 Resp: 271092

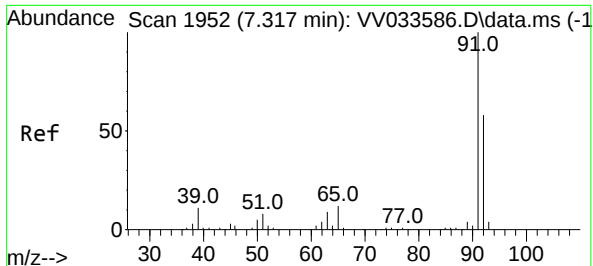
Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9

100 12.9 9.9 14.9





#42

Toluene

Concen: 5.099 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

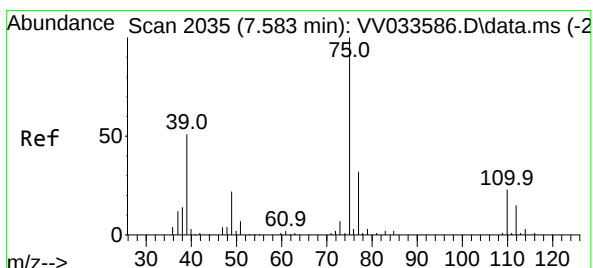
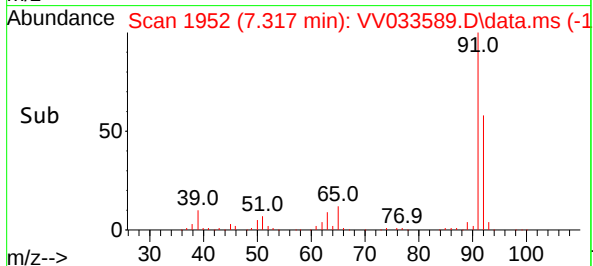
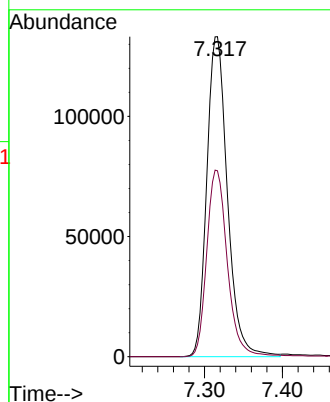
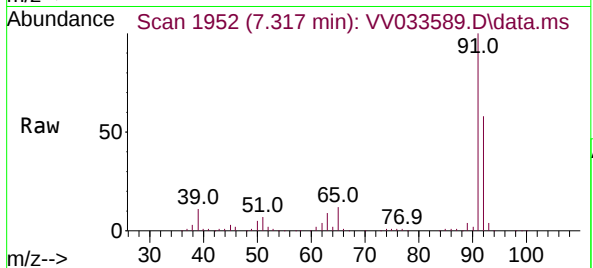
ClientSampleId :

Tgt Ion: 91 Resp: 244824

Ion Ratio Lower Upper

91 100

92 58.1 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.226 ug/L

RT: 7.583 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV033589.D

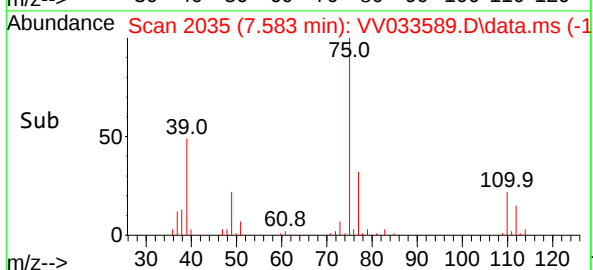
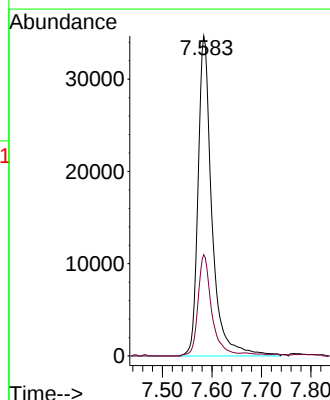
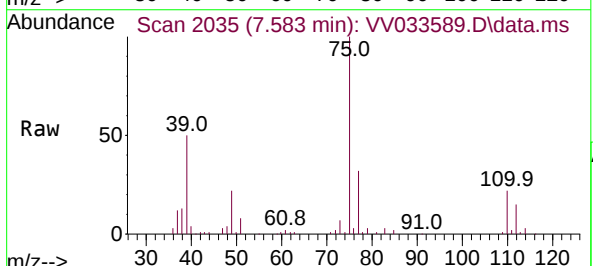
Acq: 12 Jan 2024 12:09

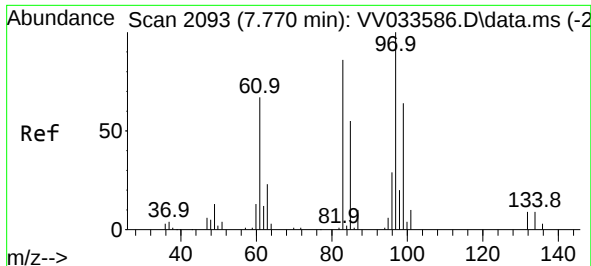
Tgt Ion: 75 Resp: 67801

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.7

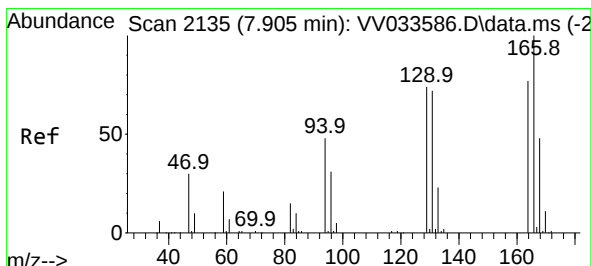
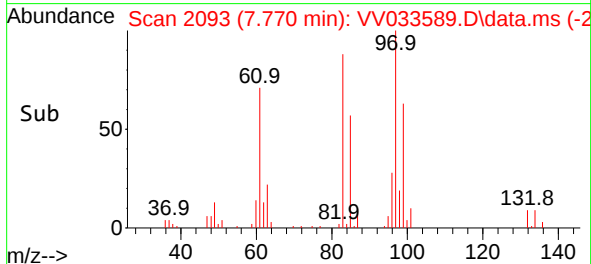
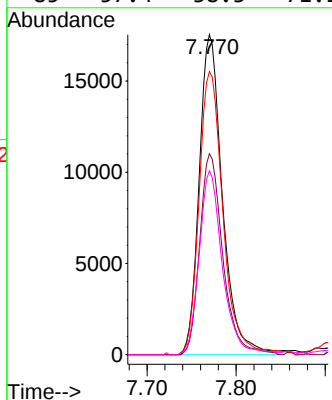
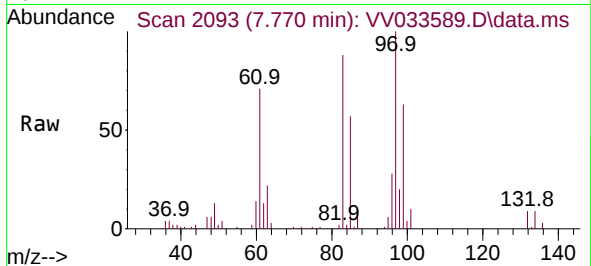




#45
1,1,2-Trichloroethane
Concen: 5.081 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

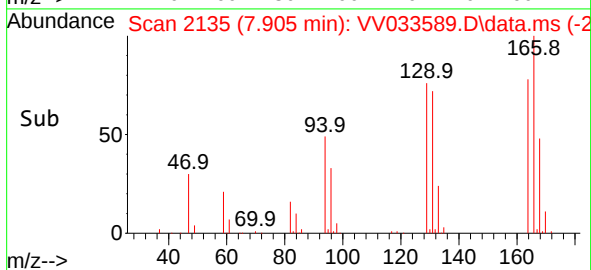
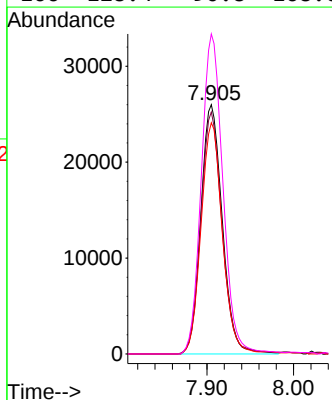
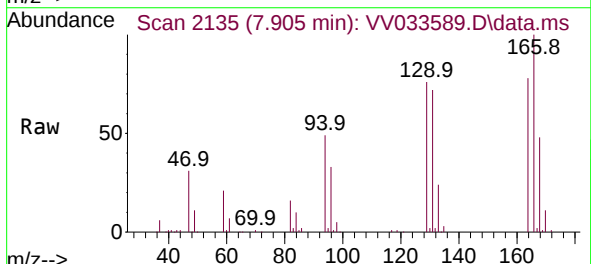
Instrument :
MSVOA_V
ClientSampleId :

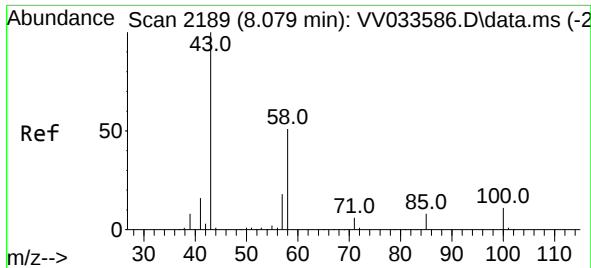
Tgt Ion:	97	Resp:	31825
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.9	83.3
83	88.5	60.5	112.3
85	57.4	38.3	71.1



#47
Tetrachloroethene
Concen: 5.162 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:	164	Resp:	44817
Ion	Ratio	Lower	Upper
164	100		
129	97.1	67.1	124.7
131	92.7	65.0	120.6
166	128.4	90.8	168.6

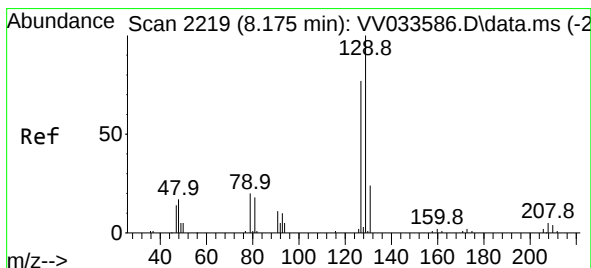
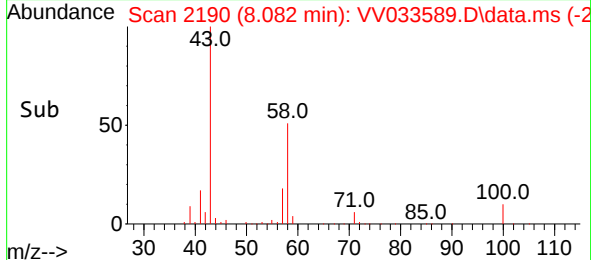
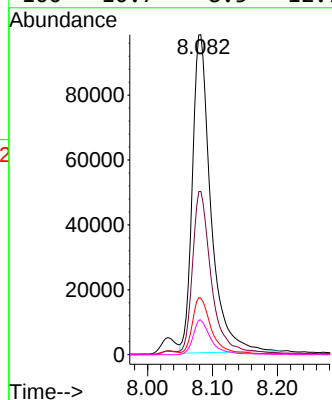
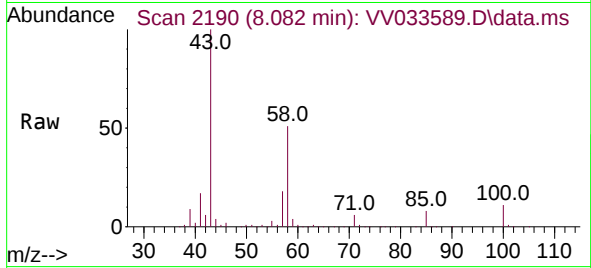




#48
2-Hexanone
Concen: 51.118 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

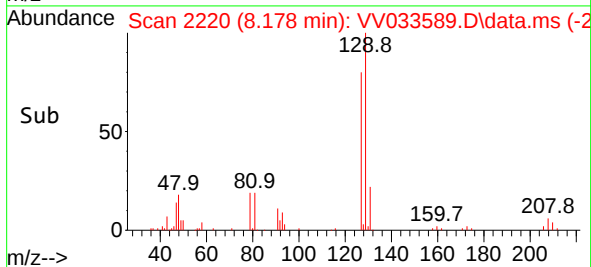
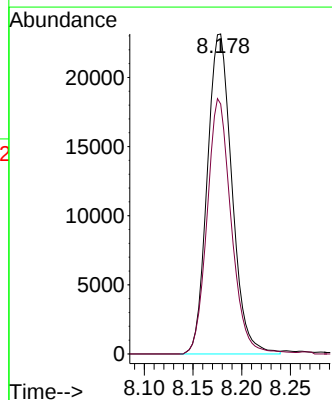
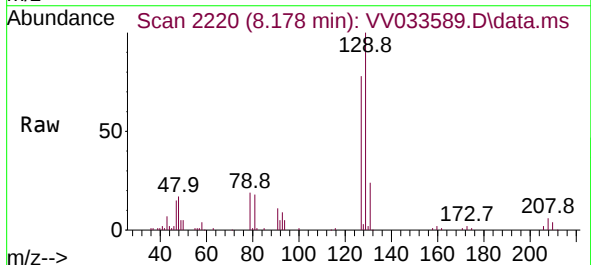
Instrument :
MSVOA_V
ClientSampleId :

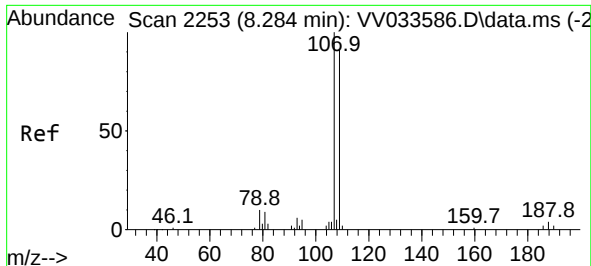
Tgt Ion:	43	Resp:	194078
Ion	Ratio	Lower	Upper
43	100		
58	52.5	40.6	61.0
57	18.0	13.8	20.8
100	10.7	8.5	12.7



#49
Dibromochloromethane
Concen: 5.231 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:	129	Resp:	40798
Ion	Ratio	Lower	Upper
129	100		
127	78.1	53.6	99.6





#50

1,2-Dibromoethane

Concen: 5.280 ug/L

RT: 8.284 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV033589.D

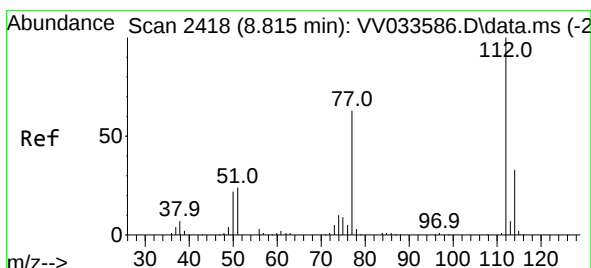
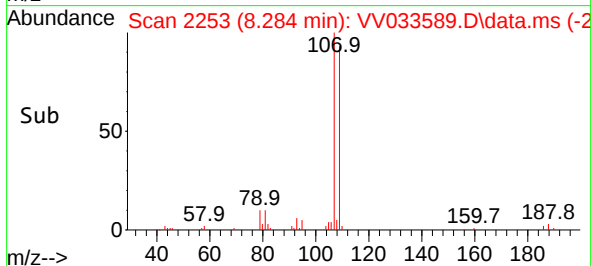
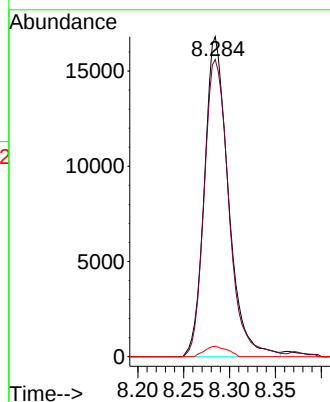
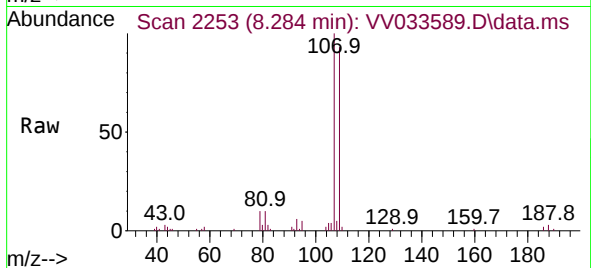
Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	30525
Ion	Ratio	Lower	Upper
107	100		
109	92.8	64.0	118.8
188	3.2	3.0	4.6



#51

Chlorobenzene

Concen: 5.074 ug/L

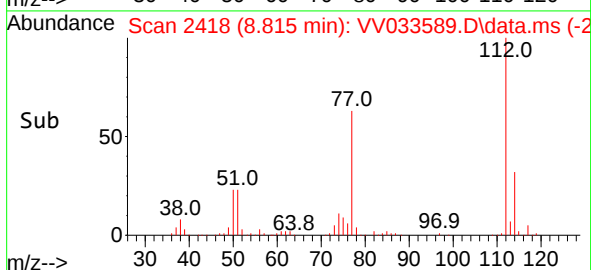
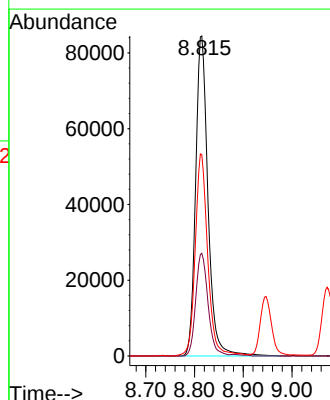
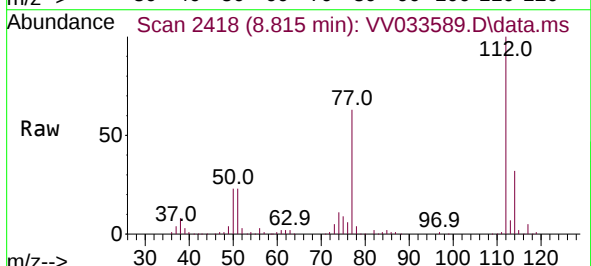
RT: 8.815 min Scan# 2418

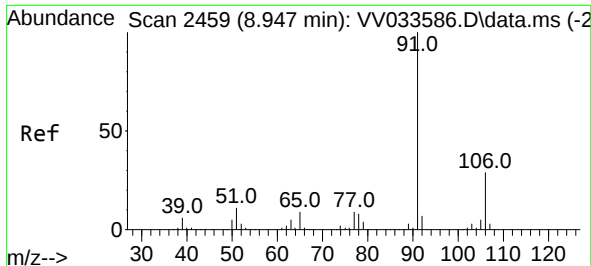
Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Tgt Ion:	112	Resp:	149248
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	62.9	50.8	76.2

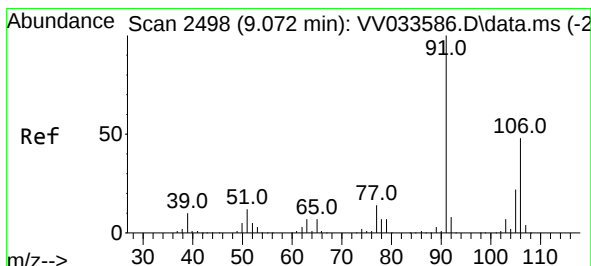
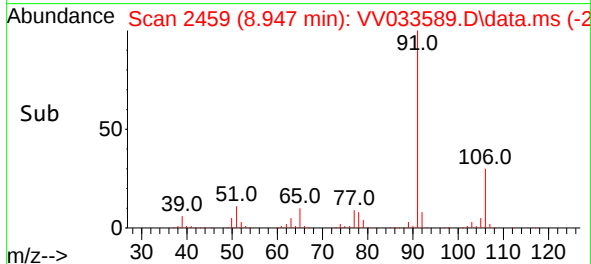
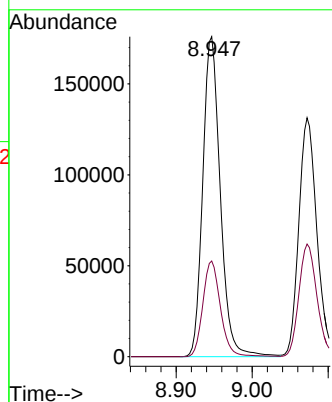
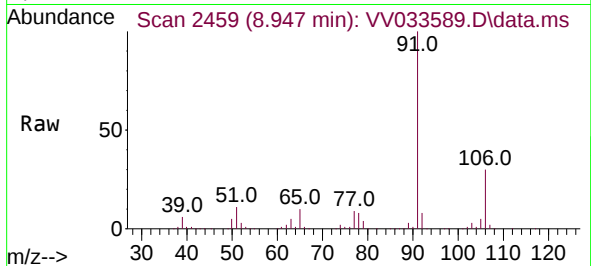




#52
Ethylbenzene
Concen: 5.061 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

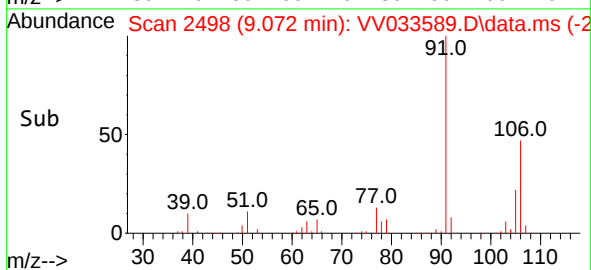
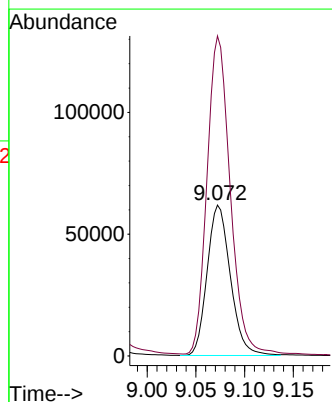
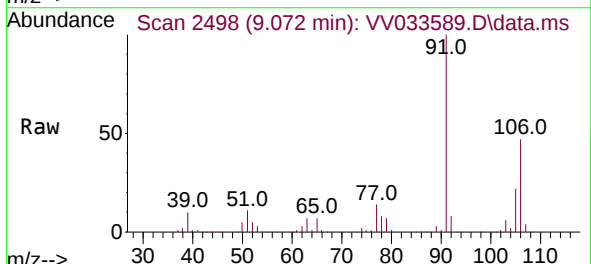
Instrument :
MSVOA_V
ClientSampleId :

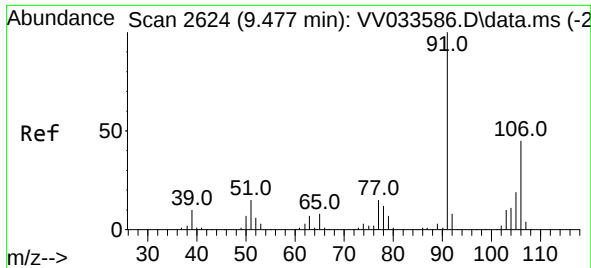
Tgt Ion: 91 Resp: 281688
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 4.995 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 106 Resp: 102413
Ion Ratio Lower Upper
106 100
91 212.1 146.2 271.4

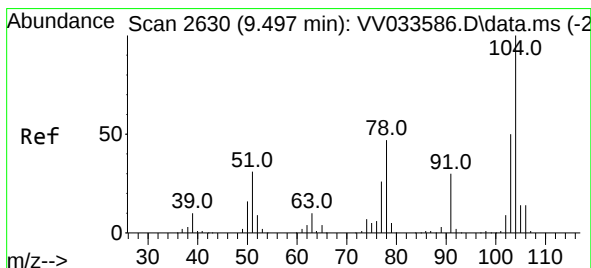
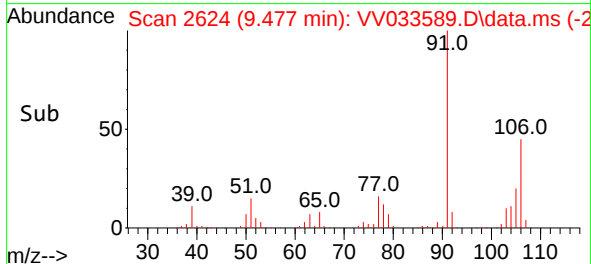
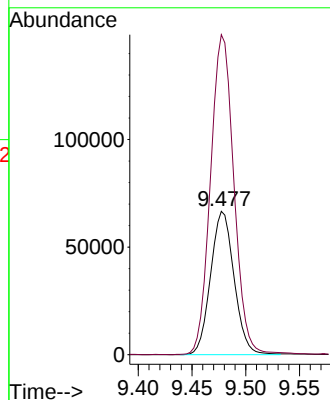
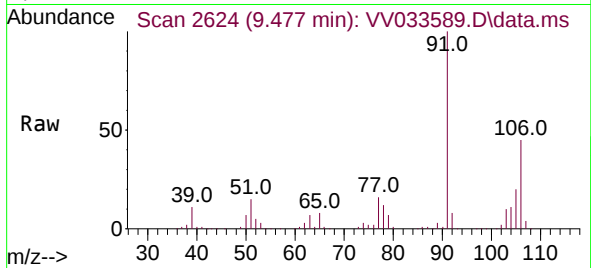




#54
o-Xylene
Concen: 5.077 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

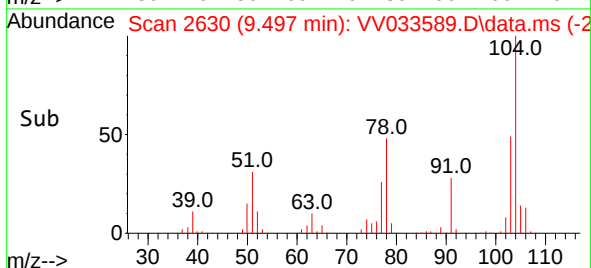
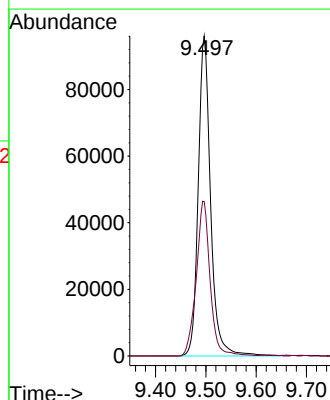
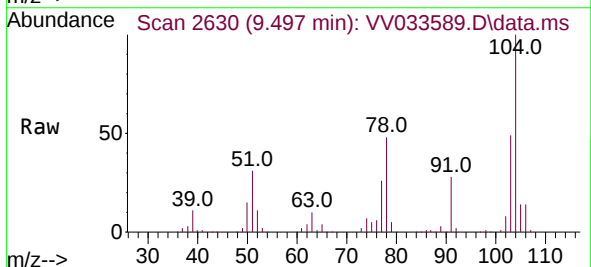
Instrument :
MSVOA_V
ClientSampleId :

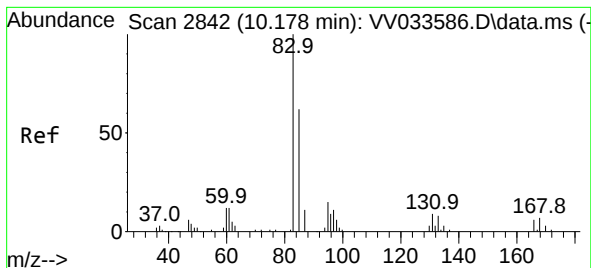
Tgt Ion:106 Resp: 101316
Ion Ratio Lower Upper
106 100
91 223.1 156.0 289.6



#55
Styrene
Concen: 5.167 ug/L
RT: 9.497 min Scan# 2630
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:104 Resp: 164314
Ion Ratio Lower Upper
104 100
78 48.3 33.1 61.5

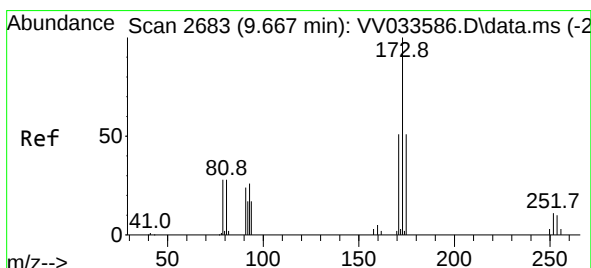
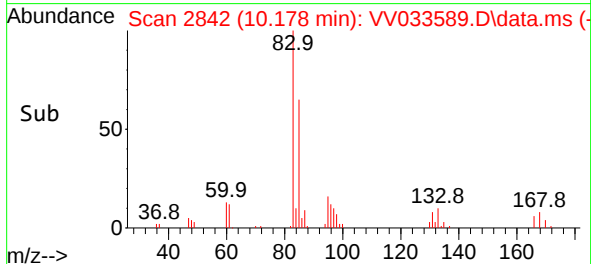
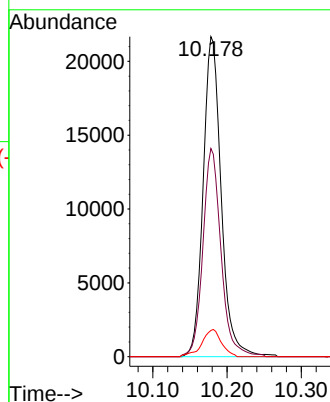
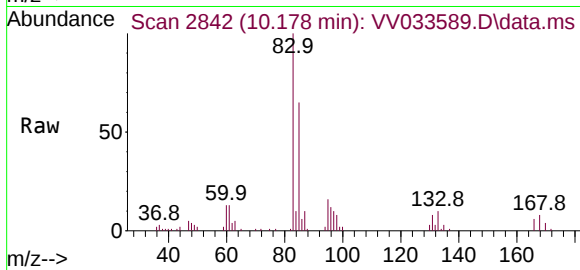




#57
1,1,2,2-Tetrachloroethane
Concen: 5.323 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

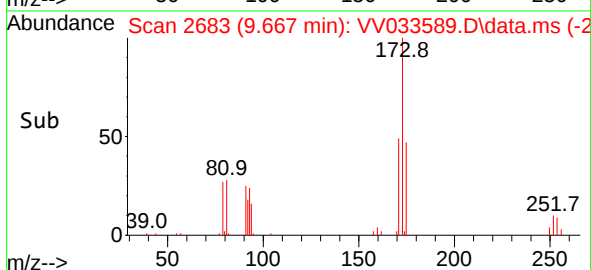
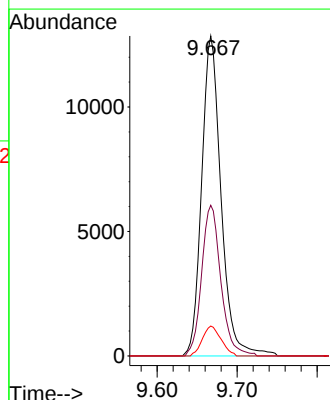
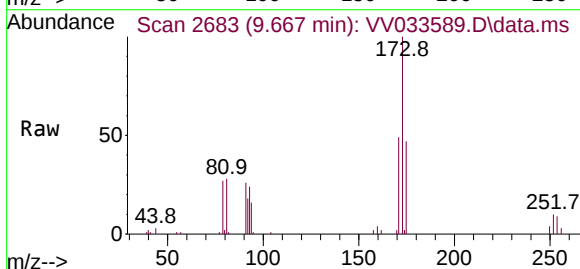
Instrument :
MSVOA_V
ClientSampleId :

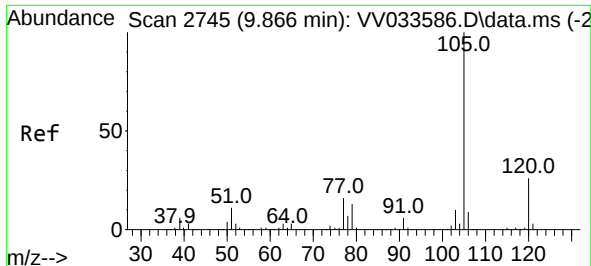
Tgt Ion: 83 Resp: 36592
Ion Ratio Lower Upper
83 100
85 65.1 43.5 80.7
131 8.2 7.4 11.0



#59
Bromoform
Concen: 5.651 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 173 Resp: 21729
Ion Ratio Lower Upper
173 100
175 46.6 38.8 58.2
254 9.0 7.5 11.3

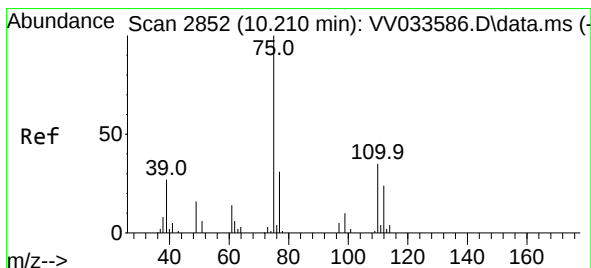
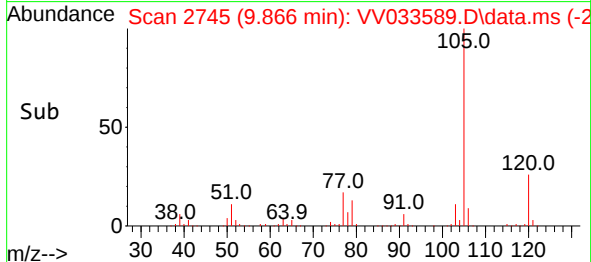
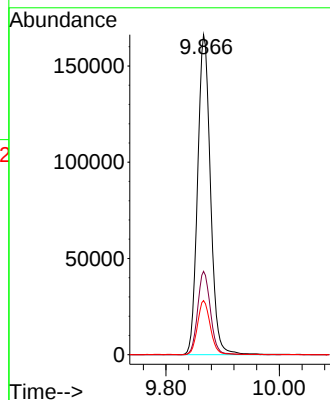
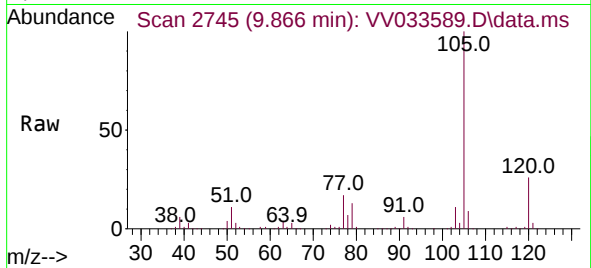




#60
Isopropylbenzene
Concen: 5.182 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

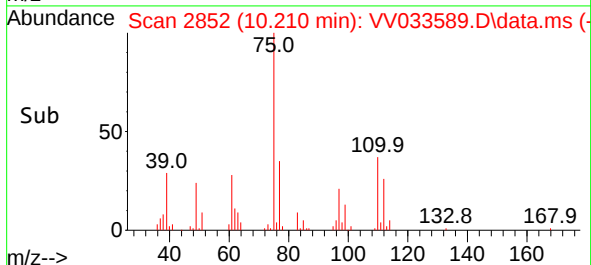
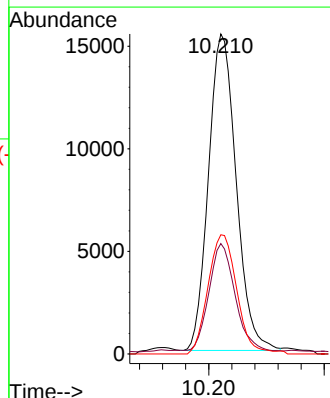
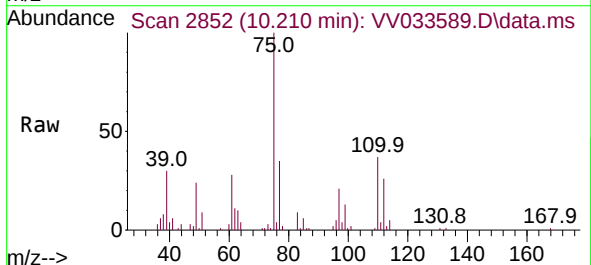
Instrument :
MSVOA_V
ClientSampleId :

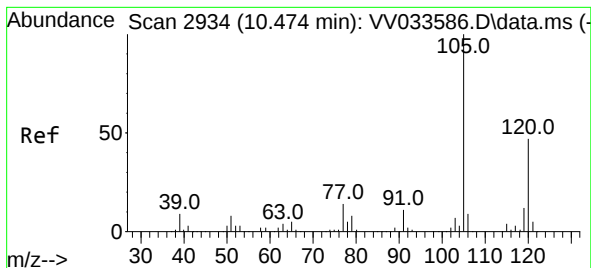
Tgt Ion:105 Resp: 261179
Ion Ratio Lower Upper
105 100
120 25.9 21.0 31.6
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.032 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion: 75 Resp: 25698
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
110 39.1 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 5.240 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

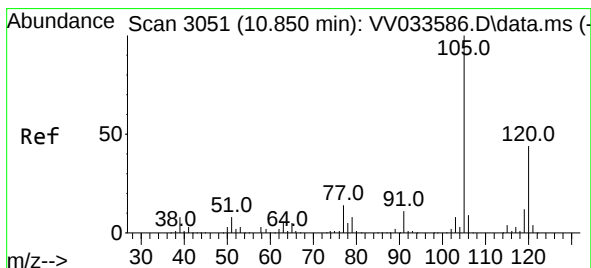
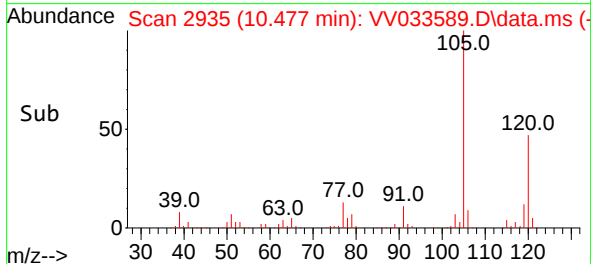
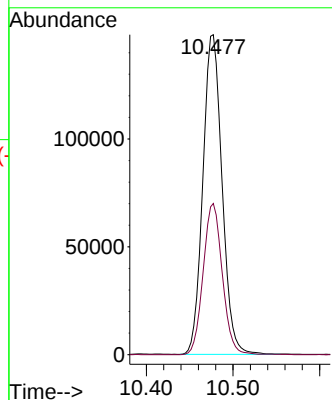
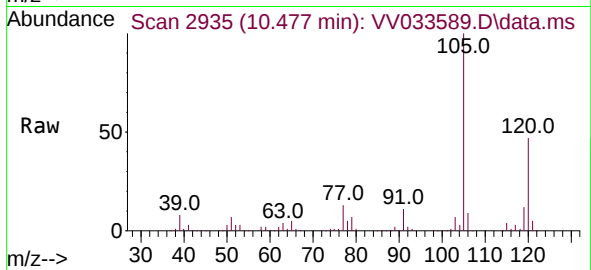
ClientSampleId :

Tgt Ion:105 Resp: 228228

Ion Ratio Lower Upper

105 100

120 47.0 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.295 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.000 min

Lab File: VV033589.D

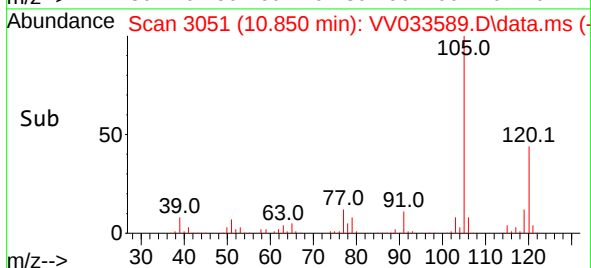
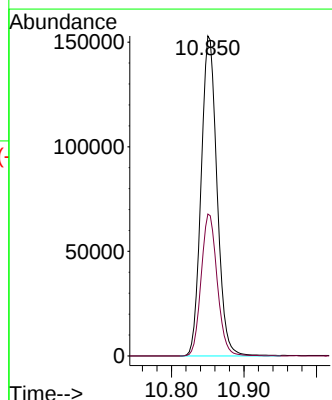
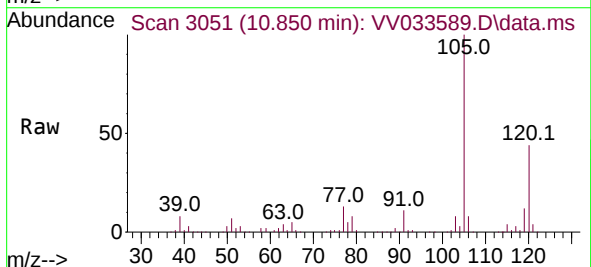
Acq: 12 Jan 2024 12:09

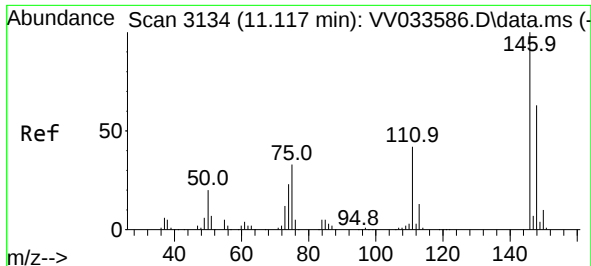
Tgt Ion:105 Resp: 232829

Ion Ratio Lower Upper

105 100

120 44.8 35.5 53.3

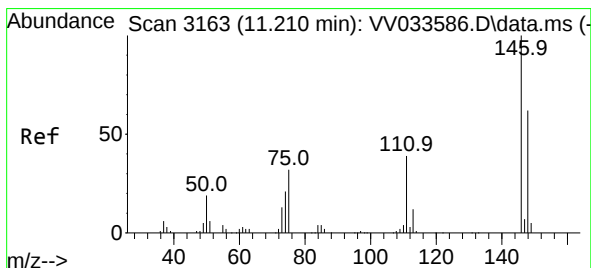
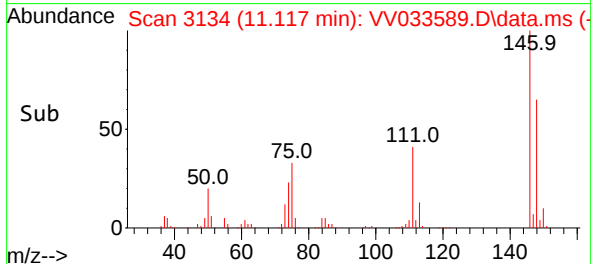
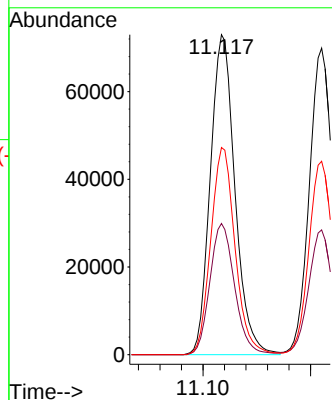
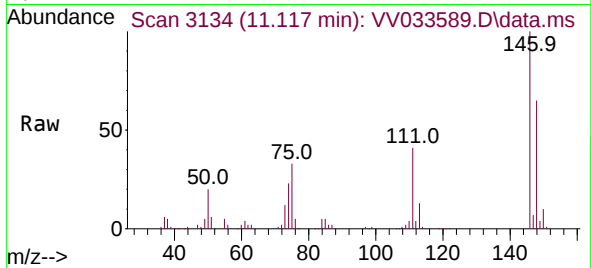




#64
1,3-Dichlorobenzene
Concen: 5.205 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

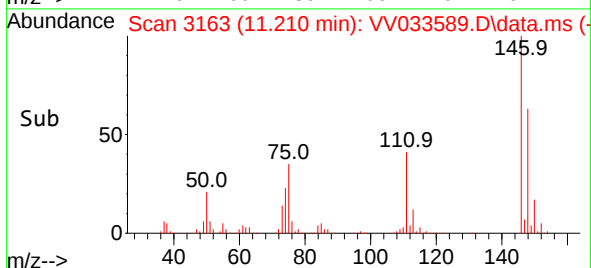
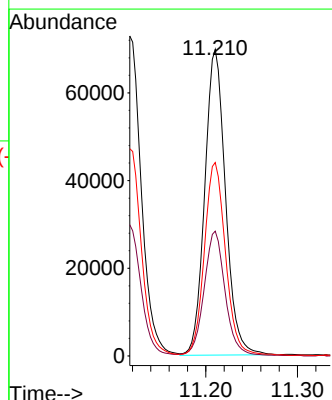
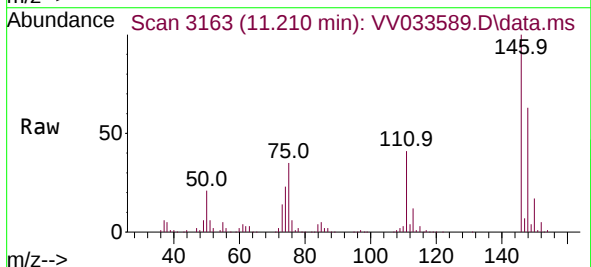
Instrument :
MSVOA_V
ClientSampleId :

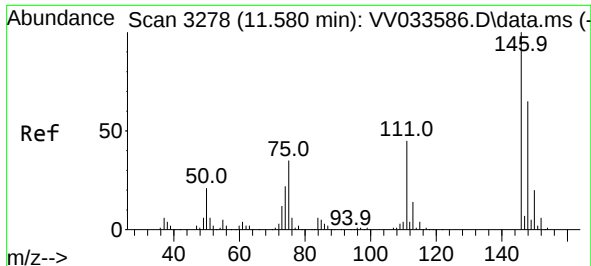
Tgt Ion:146 Resp: 116049
Ion Ratio Lower Upper
146 100
111 41.0 29.2 54.2
148 64.8 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.026 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:146 Resp: 109721
Ion Ratio Lower Upper
146 100
111 40.7 27.5 51.1
148 63.1 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 5.275 ug/L

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

Instrument :

MSVOA_V

ClientSampleId :

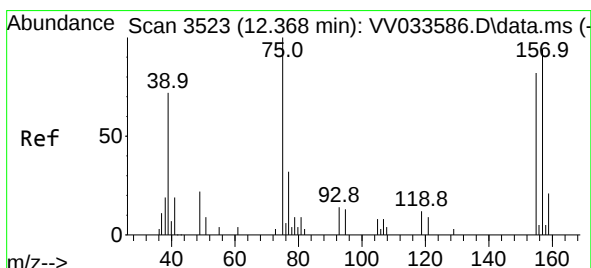
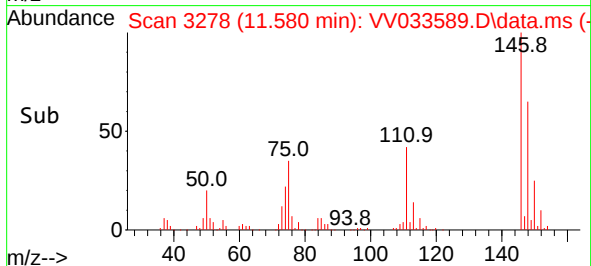
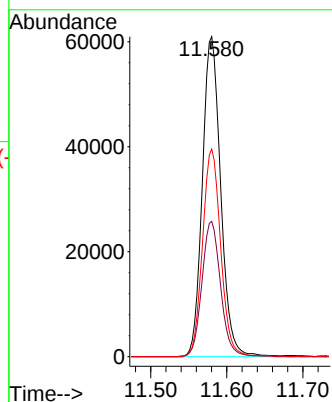
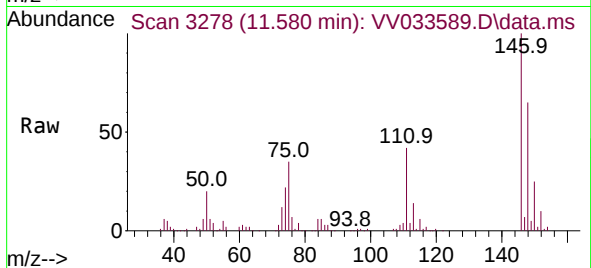
Tgt Ion:146 Resp: 102201

Ion Ratio Lower Upper

146 100

111 42.3 36.1 54.1

148 64.9 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.355 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV033589.D

Acq: 12 Jan 2024 12:09

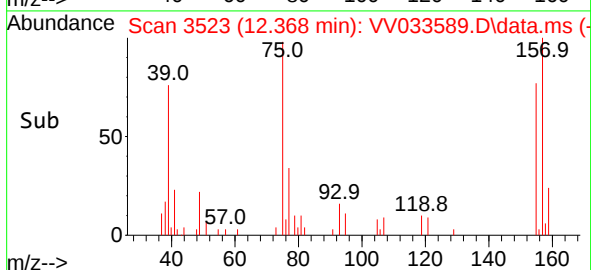
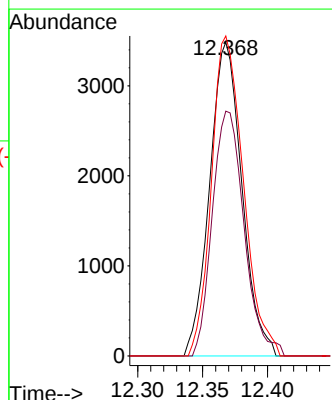
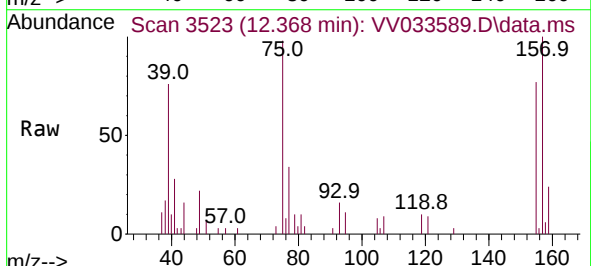
Tgt Ion: 75 Resp: 6011

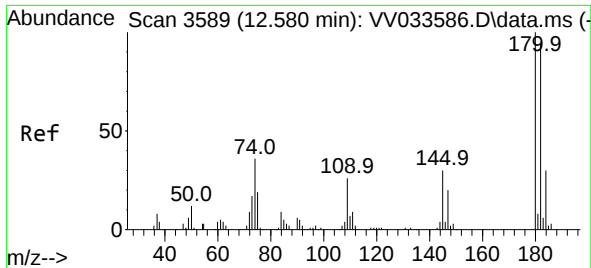
Ion Ratio Lower Upper

75 100

155 78.0 65.3 97.9

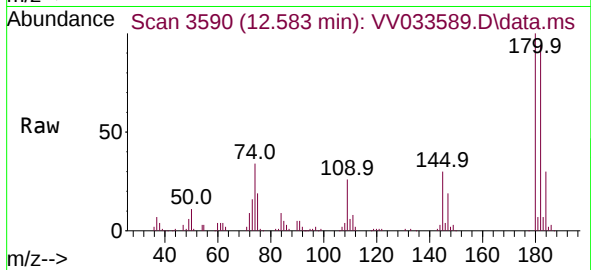
157 102.0 75.4 113.0



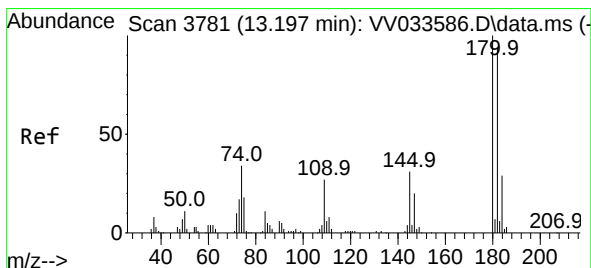
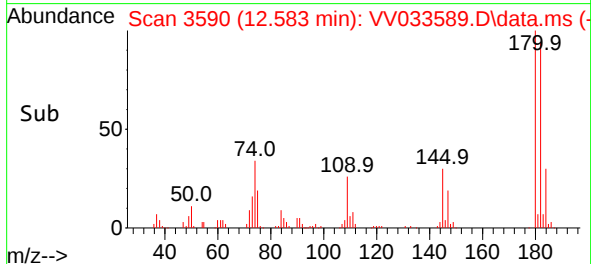
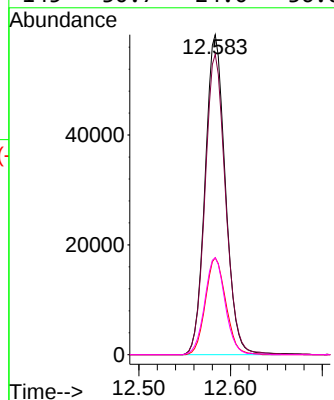


#69
 1,3,5-Trichlorobenzene
 Concen: 5.158 ug/L
 RT: 12.583 min Scan# 3590
 Delta R.T. 0.003 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

Instrument :
 MSVOA_V
 ClientSampleId :

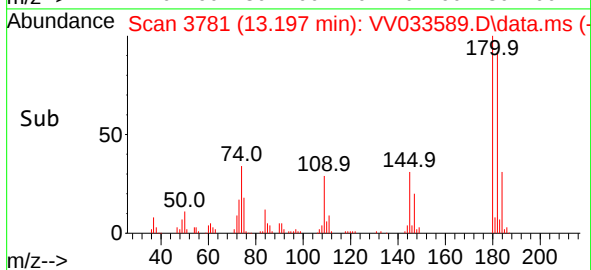
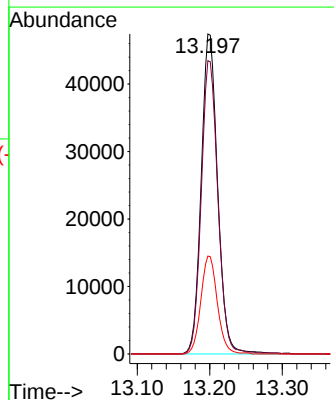
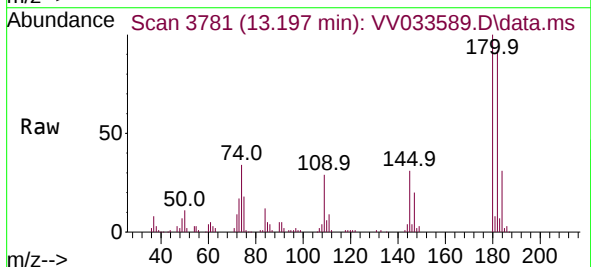


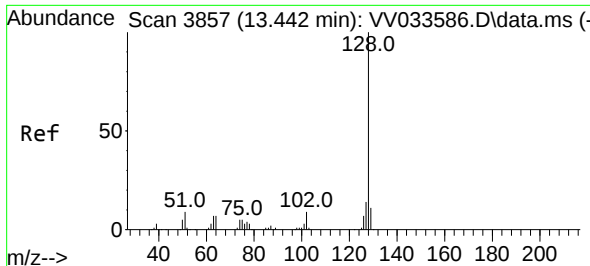
Tgt Ion:180 Resp: 89268
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.4 114.6
 184 30.5 24.2 36.2
 145 30.7 24.0 36.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.185 ug/L
 RT: 13.197 min Scan# 3781
 Delta R.T. 0.000 min
 Lab File: VV033589.D
 Acq: 12 Jan 2024 12:09

Tgt Ion:180 Resp: 74769
 Ion Ratio Lower Upper
 180 100
 182 92.4 75.0 112.6
 145 30.6 24.8 37.2

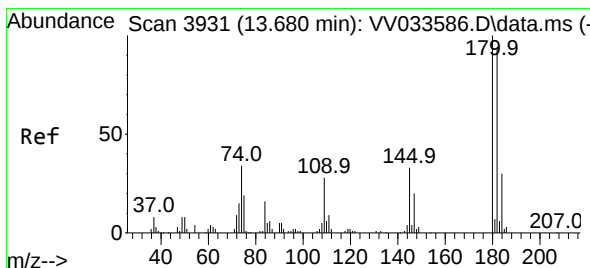
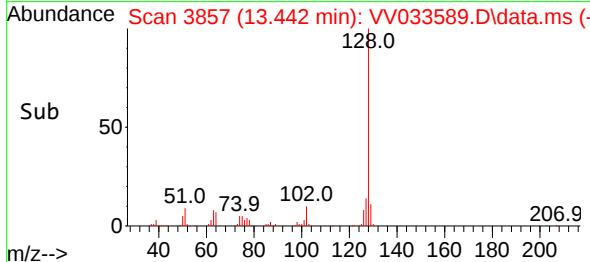
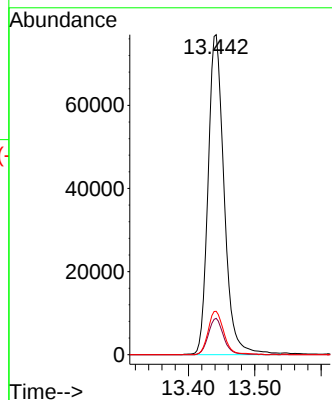
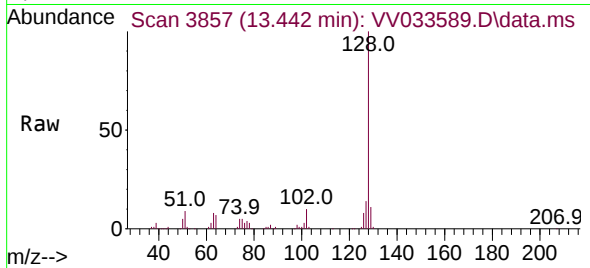




#71
Naphthalene
Concen: 5.383 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 129557
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.276 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.000 min
Lab File: VV033589.D
Acq: 12 Jan 2024 12:09

Tgt Ion:180 Resp: 61017
Ion Ratio Lower Upper
180 100
182 94.4 75.0 112.6
145 33.1 26.6 40.0

