

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011224\
 Data File : VW033587.D
 Acq On : 12 Jan 2024 11:17
 Operator : SY/MD
 Sample : VSTD010
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:08:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	141850	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	132360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68543	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	81387	9.445	ug/L	0.00
7) Chloroethane-d5	1.535	69	73373	9.949	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.059	65	36373	9.399	ug/L	0.00
20) 2-Butanone-d5	3.821	46	222393	103.219	ug/L	-0.01
24) Chloroform-d	4.252	84	181591	10.175	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	84216	10.427	ug/L	0.00
32) Benzene-d6	4.963	84	338734	10.206	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	108735	10.373	ug/L	0.00
41) Toluene-d8	7.243	98	300396	10.218	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.554	79	41303	9.900	ug/L	0.00
46) 2-Hexanone-d5	8.027	63	172041	104.224	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.152	84	67487	9.660	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	107973	9.987	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	132406	10.502	ug/L	100
3) Chloromethane	1.217	50	159952	11.518	ug/L	99
5) Vinyl chloride	1.285	62	154145	11.551	ug/L	98
6) Bromomethane	1.490	94	76171	10.369	ug/L	100
8) Chloroethane	1.551	64	91791	11.194	ug/L	99
9) Trichlorofluoromethane	1.715	101	185090	11.283	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	102654	10.504	ug/L	99
12) 1,1-Dichloroethene	2.072	96	102175	11.379	ug/L	98
13) Acetone	2.156	43	139670	76.399	ug/L	93
14) Carbon disulfide	2.243	76	381150	13.298	ug/L	99
15) Methyl Acetate	2.391	43	43651	8.872	ug/L	99
16) Methylene chloride	2.449	84	113874	10.226	ug/L	98
17) Methyl tert-butyl Ether	2.706	73	247291	10.262	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	117648	11.736	ug/L	97
19) 1,1-Dichloroethane	3.114	63	233319	10.819	ug/L	99
21) 2-Butanone	3.905	43	240820	97.750	ug/L	100
22) cis-1,2-Dichloroethene	3.815	96	125068	11.128	ug/L	96
23) Bromochloromethane	4.149	128	46781	10.873	ug/L	98
25) Chloroform	4.278	83	217238	10.832	ug/L	99
27) 1,2-Dichloroethane	5.043	62	126078	10.851	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	192078	10.748	ug/L	100
30) Cyclohexane	4.584	56	222738	11.381	ug/L	97
31) Carbon tetrachloride	4.738	117	165234	11.244	ug/L	98
33) Benzene	5.011	78	486123	11.143	ug/L	100
34) Trichloroethene	5.834	95	126072	10.792	ug/L	98
35) Methylcyclohexane	6.050	83	211027	11.192	ug/L	99
37) 1,2-Dichloropropane	6.095	63	121874	10.662	ug/L	99
38) Bromodichloromethane	6.432	83	148501	10.594	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	179780	10.561	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	582581	97.303	ug/L	99
42) Toluene	7.313	91	510352	10.969	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	143301	10.822	ug/L	98

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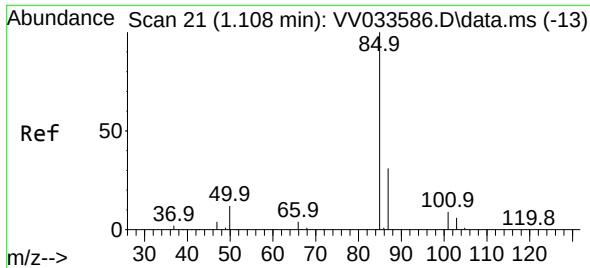
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 23:08:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 12 23:05:58 2024
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.770	97	68202	10.024	ug/L	97
47) Tetrachloroethene	7.905	164	91950	11.112	ug/L	99
48) 2-Hexanone	8.079	43	401741	91.521	ug/L	96
49) Dibromochloromethane	8.178	129	84312	10.515	ug/L	98
50) 1,2-Dibromoethane	8.284	107	64761	10.247	ug/L	99
51) Chlorobenzene	8.815	112	310085	10.721	ug/L	99
52) Ethylbenzene	8.947	91	584536	10.730	ug/L	99
53) m,p-Xylene	9.072	106	214768	10.682	ug/L	100
54) o-Xylene	9.477	106	211248	10.766	ug/L	100
55) Styrene	9.496	104	343205	10.592	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	76051	10.132	ug/L	99
59) Bromoform	9.667	173	43529	10.195	ug/L	99
60) Isopropylbenzene	9.866	105	542853	10.007	ug/L	99
61) 1,2,3-Trichloropropane	10.210	75	57208	10.098	ug/L	97
62) 1,3,5-Trimethylbenzene	10.477	105	471297	10.254	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	485814	10.664	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	246305	10.579	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	232760	9.867	ug/L	97
67) 1,2-Dichlorobenzene	11.580	146	209985	10.304	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	13877	10.596	ug/L	96
69) 1,3,5-Trichlorobenzene	12.583	180	188958	10.559	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	152033	10.178	ug/L	98
71) Naphthalene	13.438	128	205624	9.952	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	121449	10.375	ug/L	98

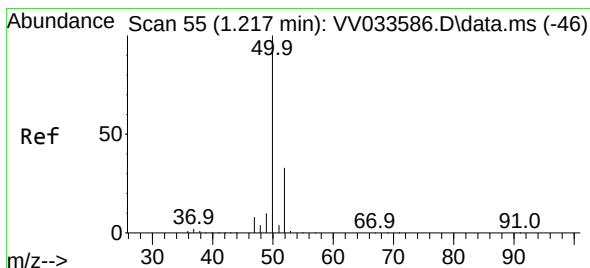
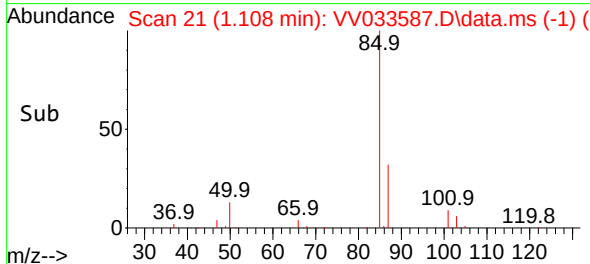
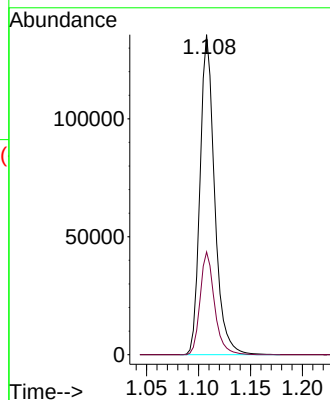
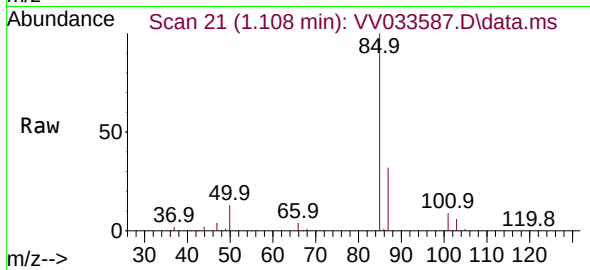
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 10.502 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

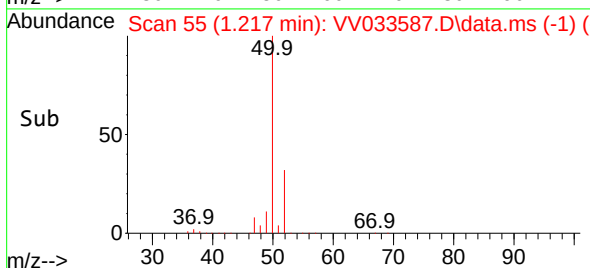
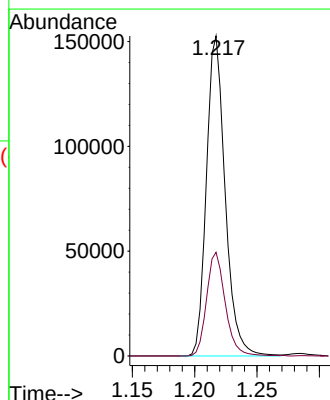
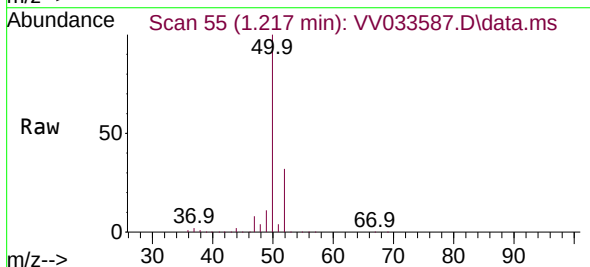
Instrument :
 MSVOA_V
 ClientSampleId :

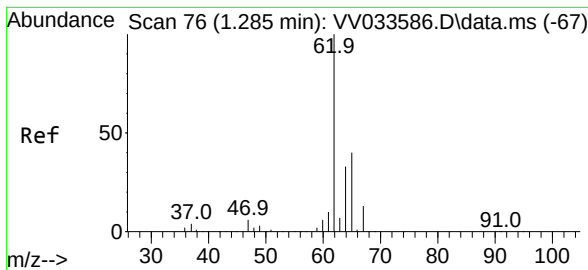
Tgt Ion: 85 Resp: 132406
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.2 37.8



#3
 Chloromethane
 Concen: 11.518 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

Tgt Ion: 50 Resp: 159952
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.1 42.9

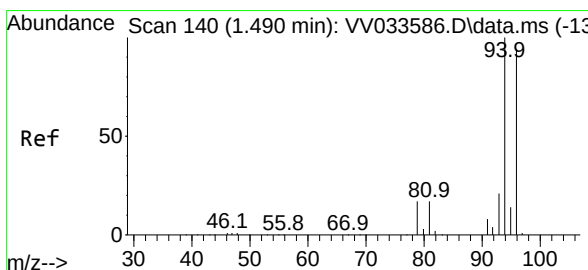
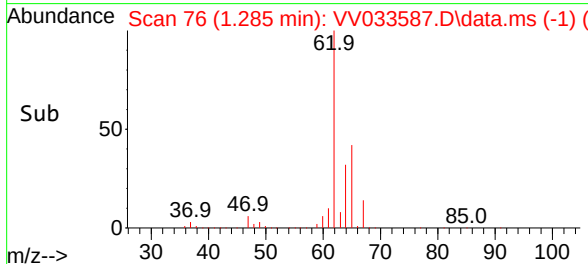
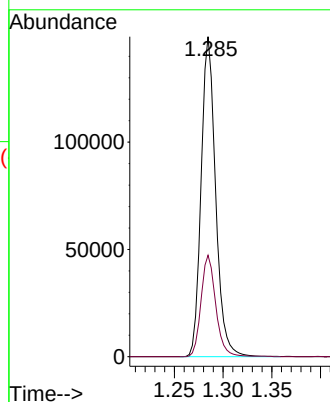
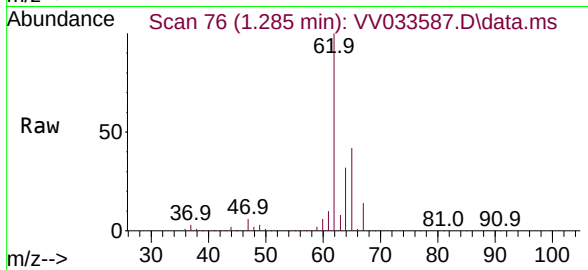




#5
 Vinyl chloride
 Concen: 11.551 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

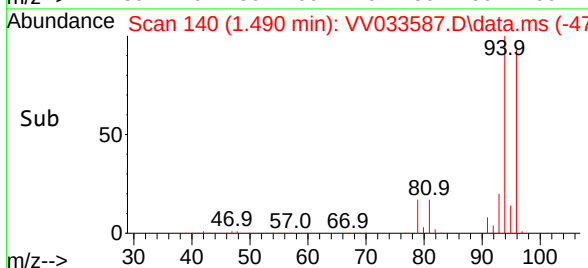
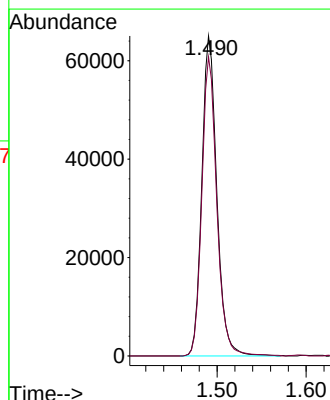
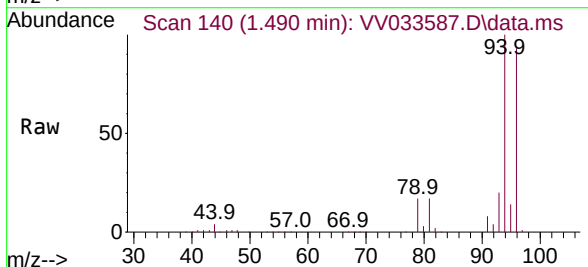
Instrument :
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 ClientSampleId :

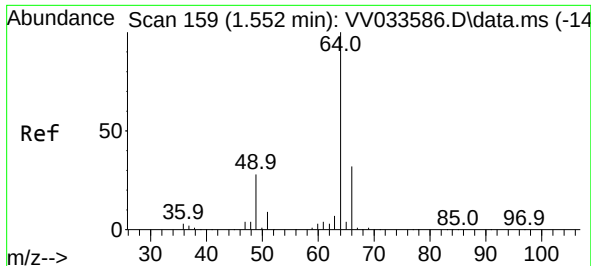
Tgt Ion: 62 Resp: 154145
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.0 42.8



#6
 Bromomethane
 Concen: 10.369 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

Tgt Ion: 94 Resp: 76171
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.5 121.6

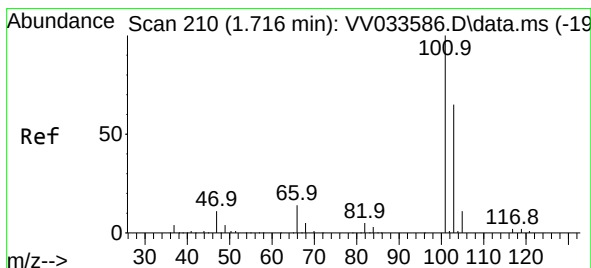
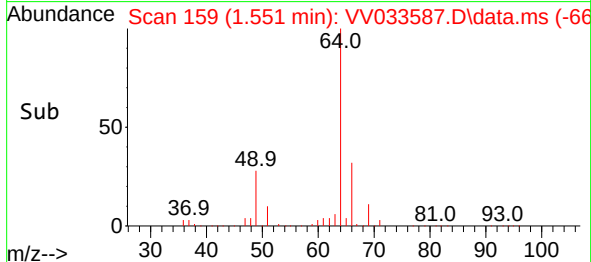
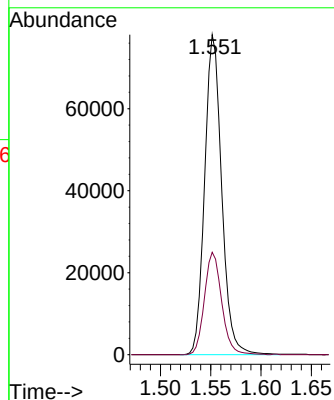
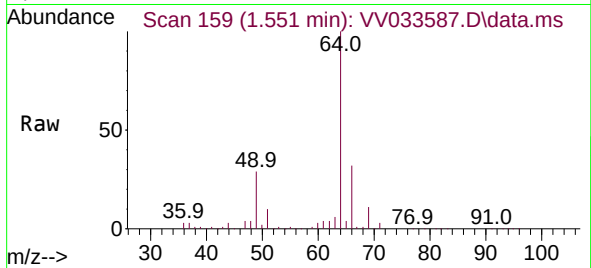




#8
Chloroethane
Concen: 11.194 ug/L
RT: 1.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

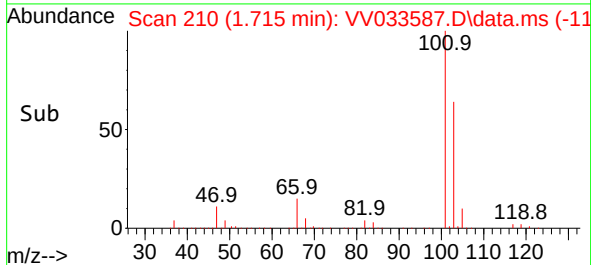
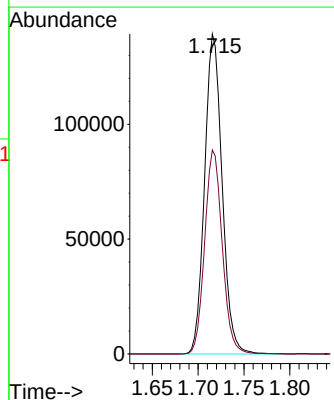
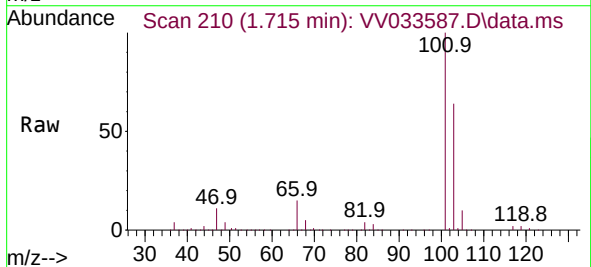
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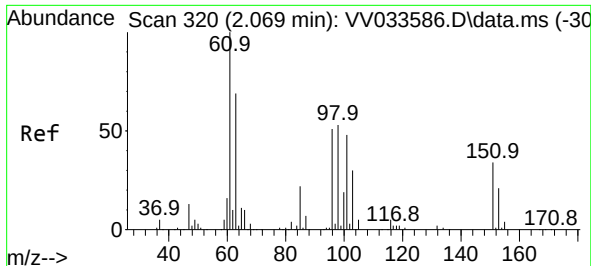
Tgt Ion: 64 Resp: 91791
Ion Ratio Lower Upper
64 100
66 32.0 22.6 42.0



#9
Trichlorofluoromethane
Concen: 11.283 ug/L
RT: 1.715 min Scan# 210
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion:101 Resp: 185090
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1

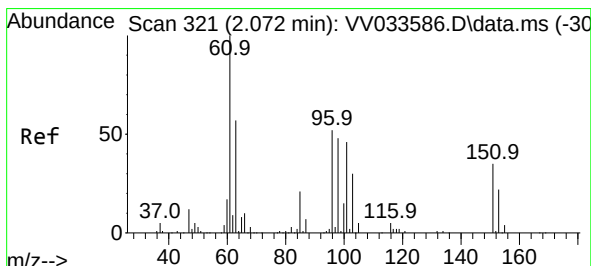
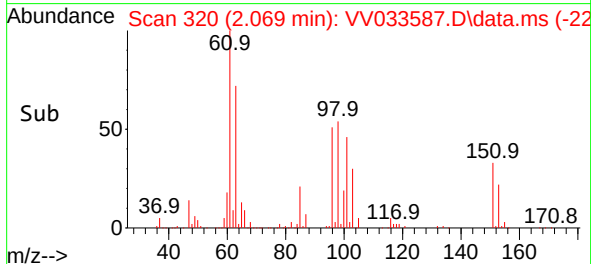
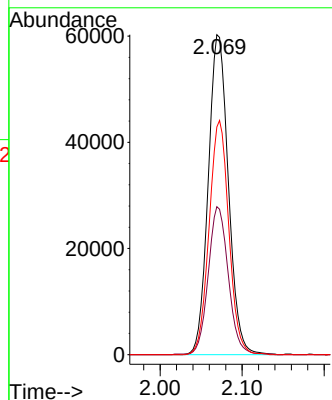
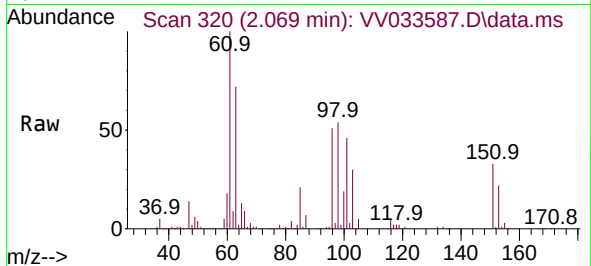




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.504 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

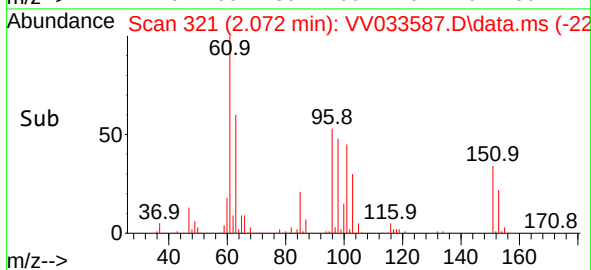
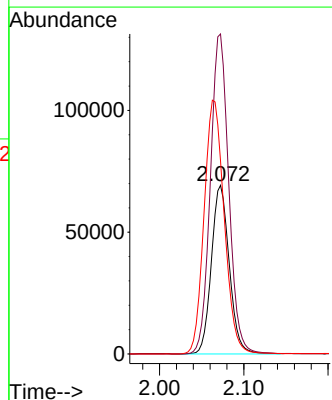
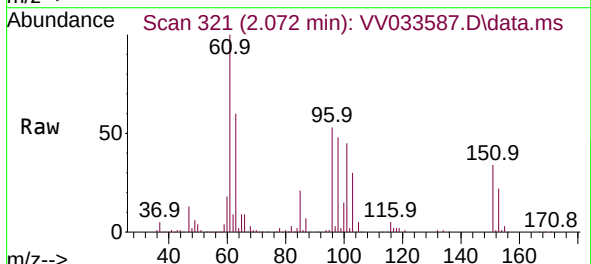
Instrument :
 MSVOA_V
 ClientSampleId :

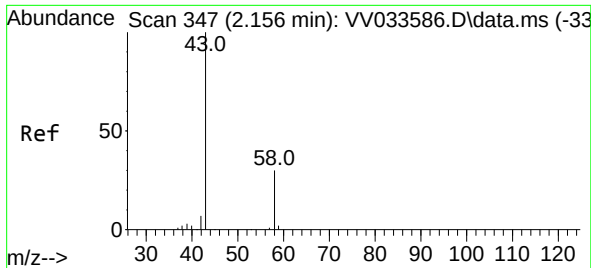
Tgt Ion:101 Resp: 102654
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.4 54.6
 151 71.7 58.1 87.1



#12
 1,1-Dichloroethene
 Concen: 11.379 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV033587.D
 Acq: 12 Jan 2024 11:17

Tgt Ion: 96 Resp: 102175
 Ion Ratio Lower Upper
 96 100
 61 189.8 133.8 248.4
 63 114.5 77.2 143.4





#13

Acetone

Concen: 76.399 ug/L

RT: 2.156 min Scan# 347

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

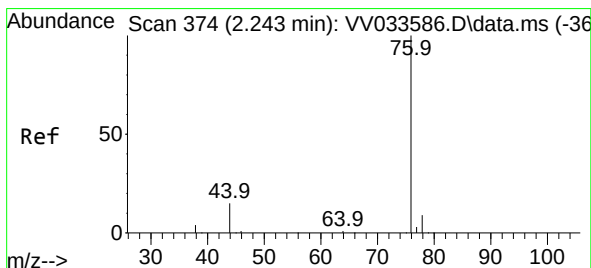
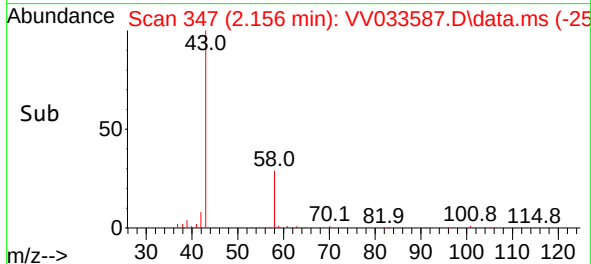
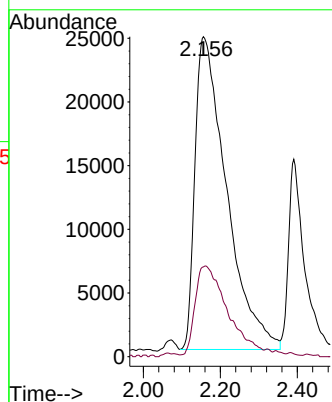
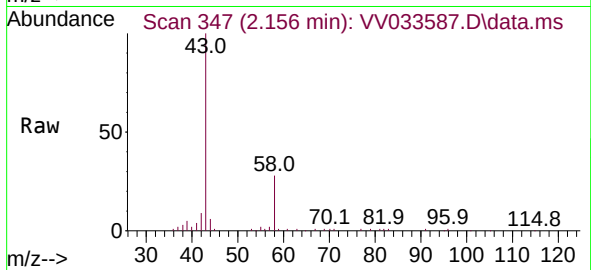
ClientSampleId :

Tgt Ion: 43 Resp: 139670

Ion Ratio Lower Upper

43 100

58 28.9 0.0 51.0



#14

Carbon disulfide

Concen: 13.298 ug/L

RT: 2.243 min Scan# 374

Delta R.T. -0.000 min

Lab File: VV033587.D

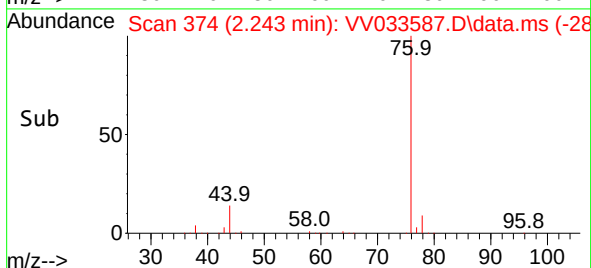
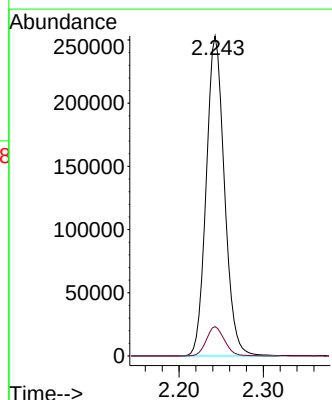
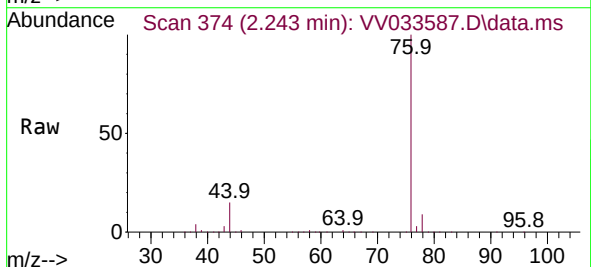
Acq: 12 Jan 2024 11:17

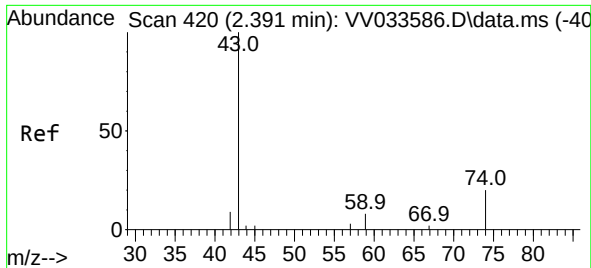
Tgt Ion: 76 Resp: 381150

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

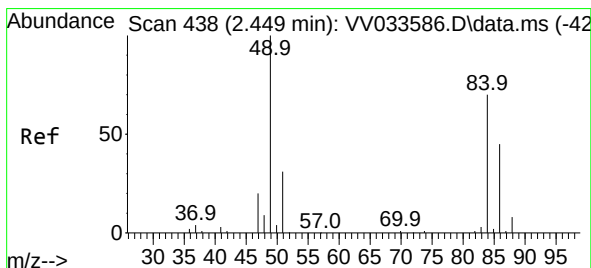
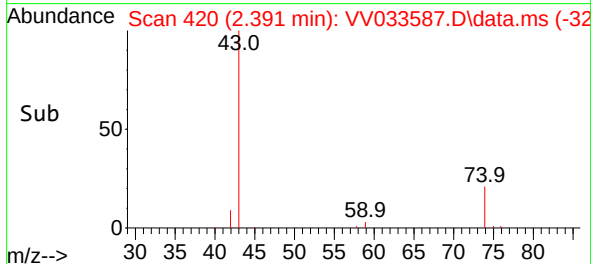
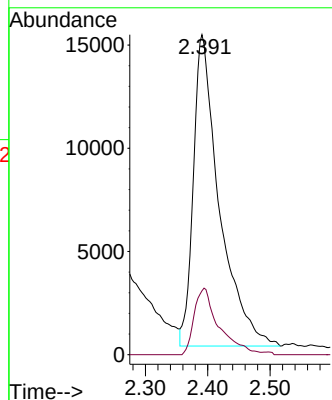
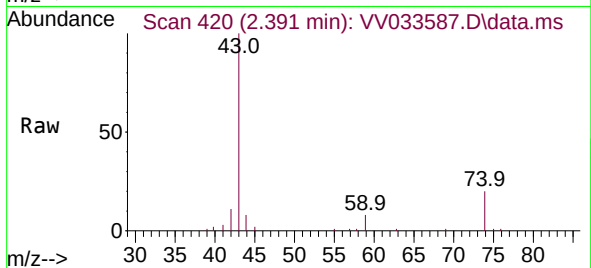




#15
Methyl Acetate
Concen: 8.872 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

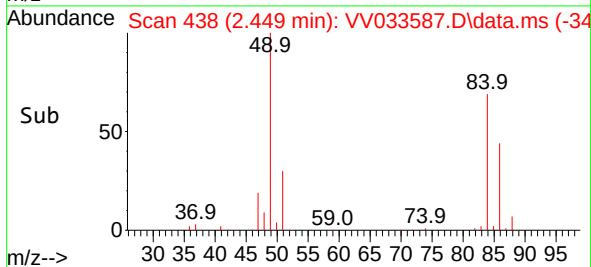
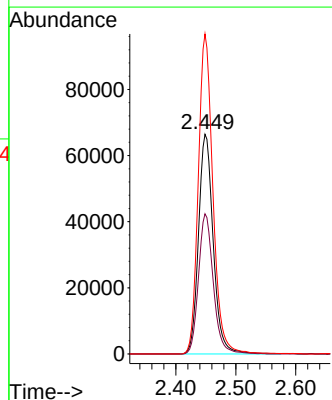
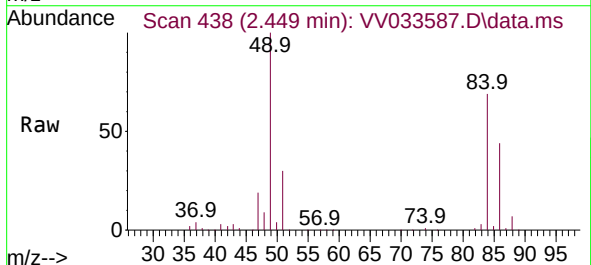
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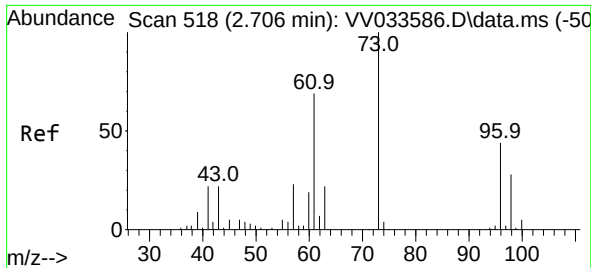
Tgt Ion: 43 Resp: 43651
Ion Ratio Lower Upper
43 100
74 20.4 16.6 24.8



#16
Methylene chloride
Concen: 10.226 ug/L
RT: 2.449 min Scan# 438
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 84 Resp: 113874
Ion Ratio Lower Upper
84 100
86 63.8 45.5 84.5
49 145.6 100.3 186.3

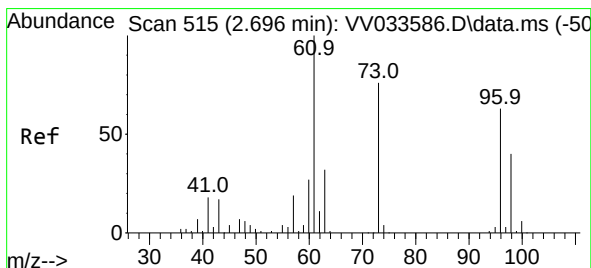
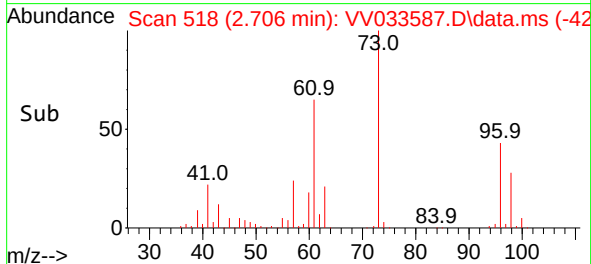
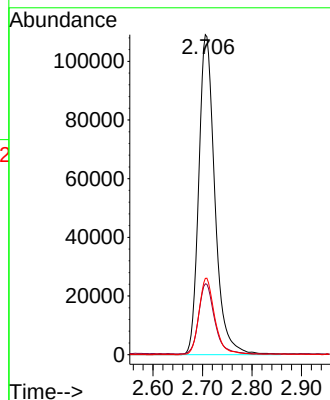
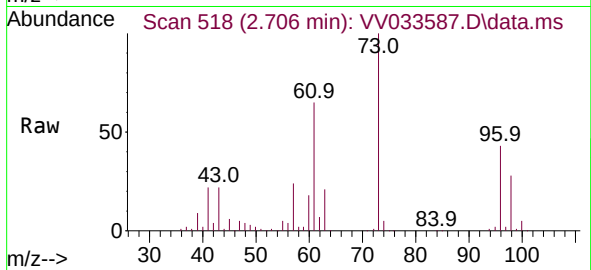




#17
Methyl tert-butyl Ether
Concen: 10.262 ug/L
RT: 2.706 min Scan# 518
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

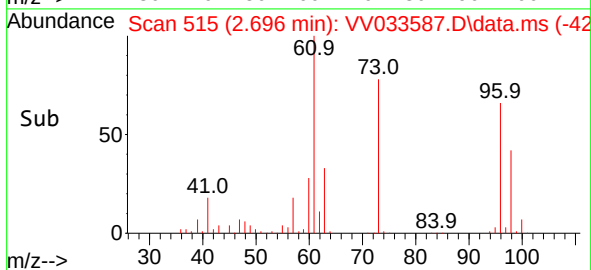
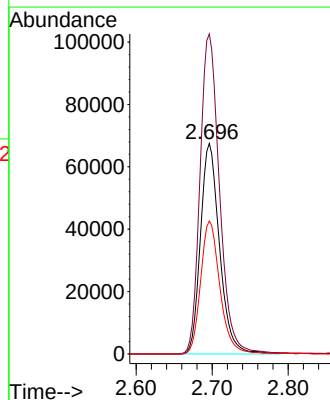
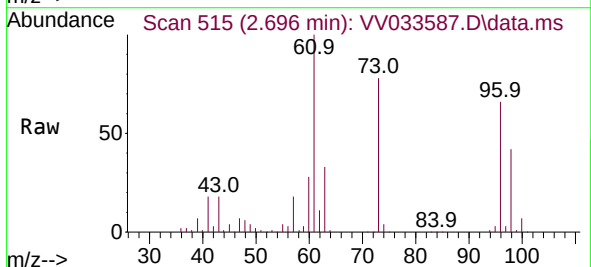
Instrument :
MSVOA_V
ClientSampleId :

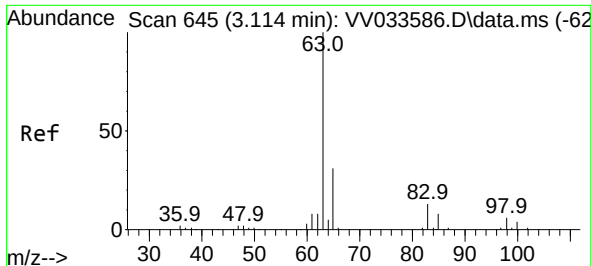
Tgt Ion: 73 Resp: 247291
Ion Ratio Lower Upper
73 100
43 21.7 17.7 26.5
57 23.5 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 11.736 ug/L
RT: 2.696 min Scan# 515
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

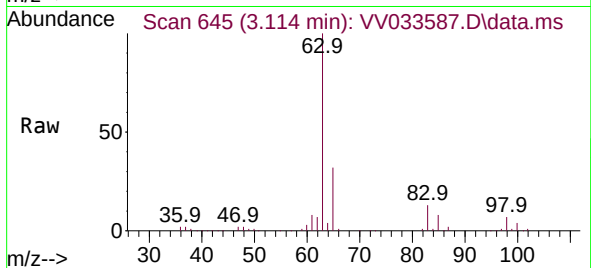
Tgt Ion: 96 Resp: 117648
Ion Ratio Lower Upper
96 100
61 152.0 110.4 205.0
98 63.2 44.1 81.9



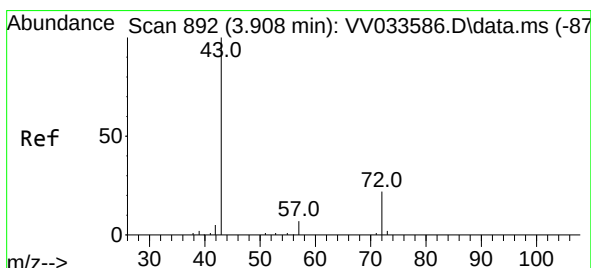
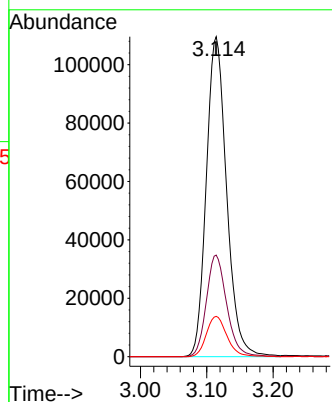
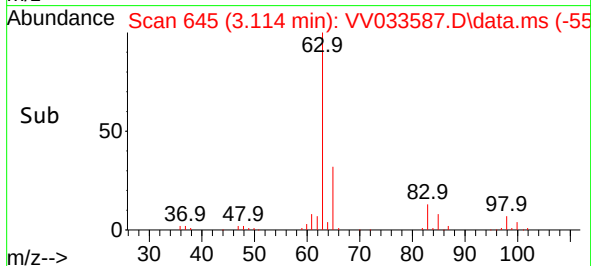


#19
1,1-Dichloroethane
Concen: 10.819 ug/L
RT: 3.114 min Scan# 645
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

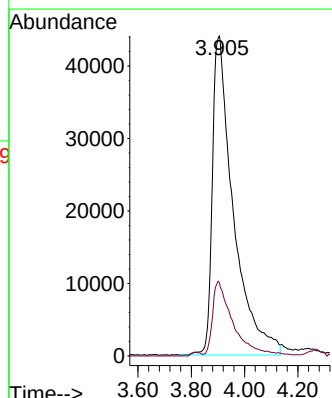
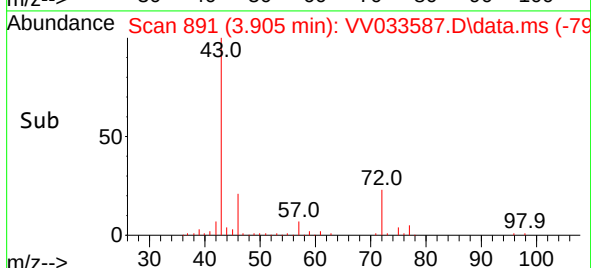
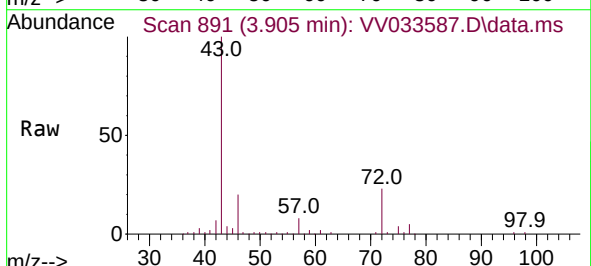


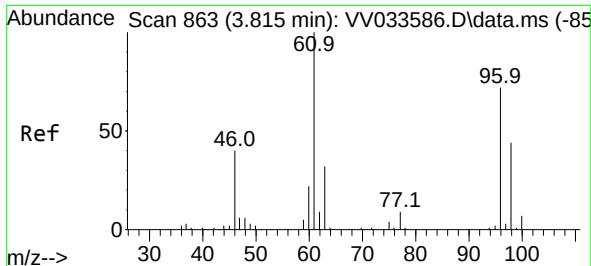
Tgt Ion: 63 Resp: 233319
Ion Ratio Lower Upper
63 100
65 31.8 21.6 40.2
83 12.6 9.1 16.9



#21
2-Butanone
Concen: 97.750 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 43 Resp: 240820
Ion Ratio Lower Upper
43 100
72 21.0 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 11.128 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

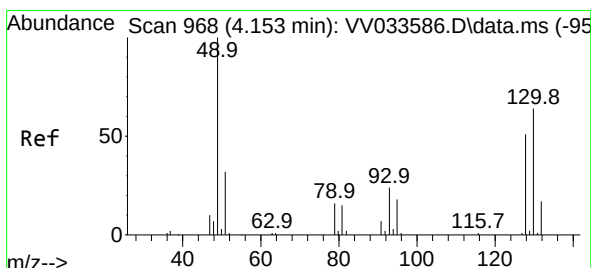
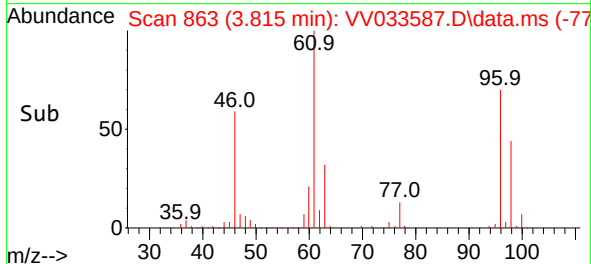
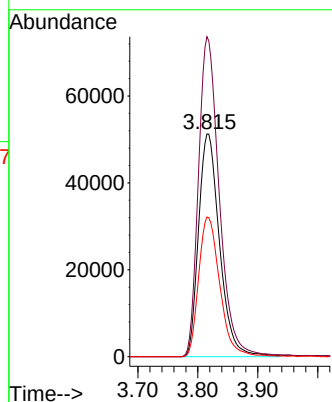
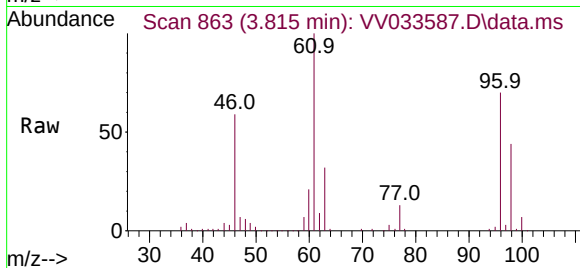
Tgt Ion: 96 Resp: 125068

Ion Ratio Lower Upper

96 100

61 143.7 97.1 180.3

98 62.7 42.6 79.0



#23

Bromochloromethane

Concen: 10.873 ug/L

RT: 4.149 min Scan# 967

Delta R.T. -0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Tgt Ion: 128 Resp: 46781

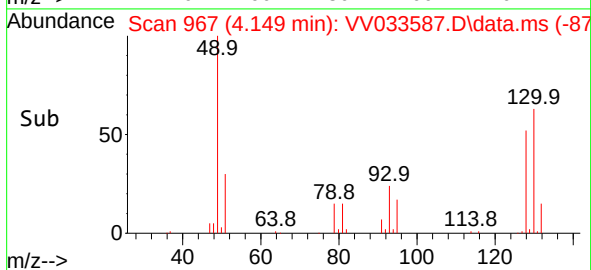
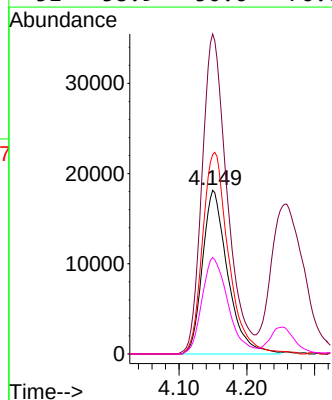
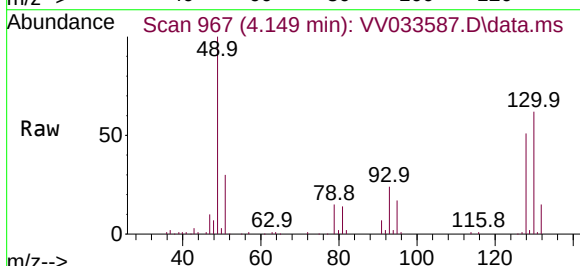
Ion Ratio Lower Upper

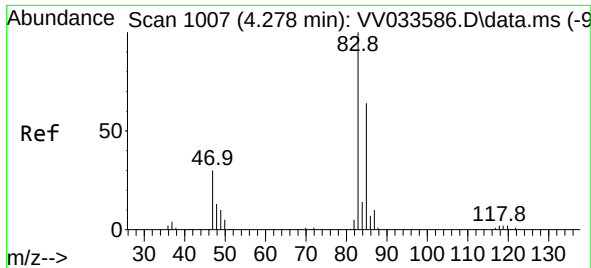
128 100

49 195.5 136.4 253.2

130 121.9 87.5 162.5

51 58.9 50.6 76.0

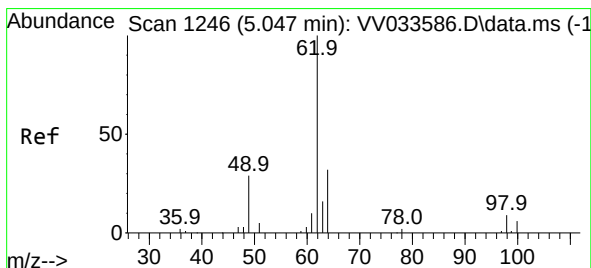
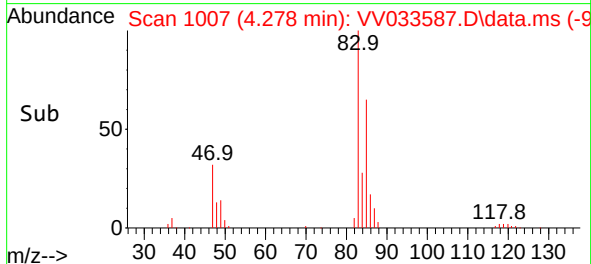
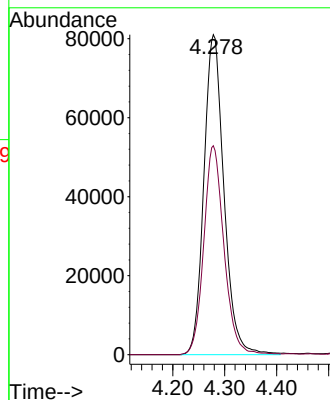
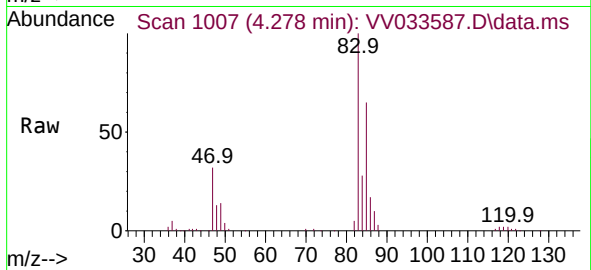




#25
Chloroform
Concen: 10.832 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

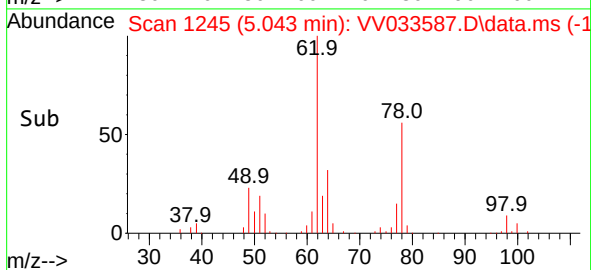
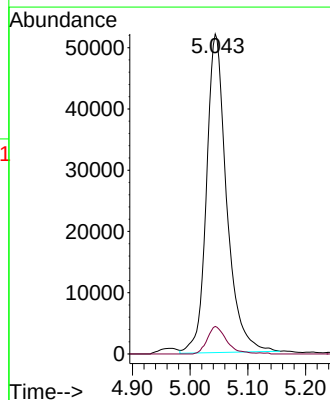
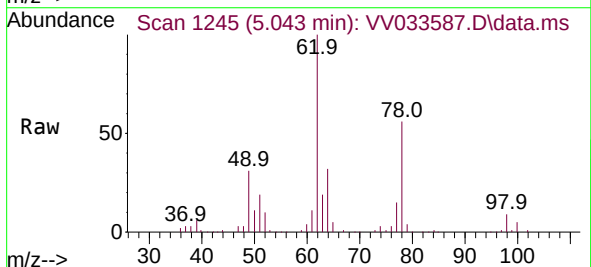
Instrument :
MSVOA_V
ClientSampleId :

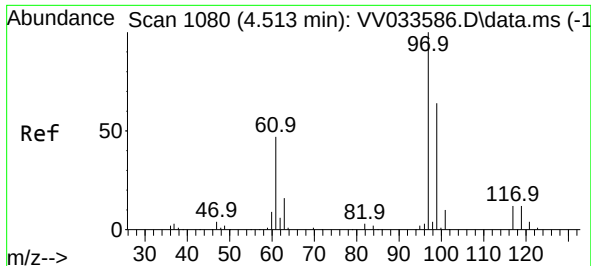
Tgt Ion: 83 Resp: 217238
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 10.851 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 62 Resp: 126078
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 10.748 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

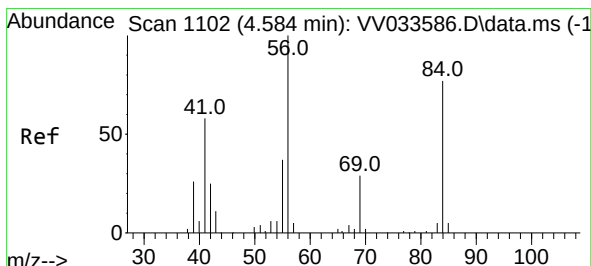
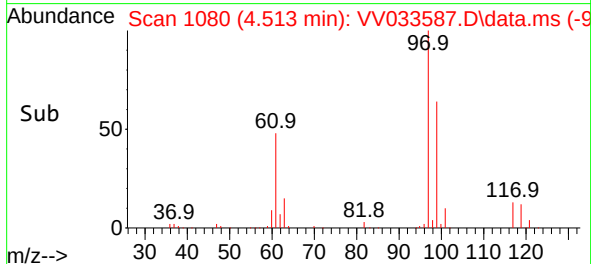
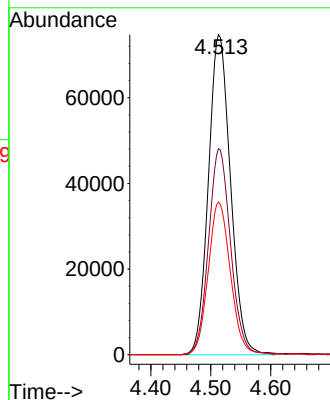
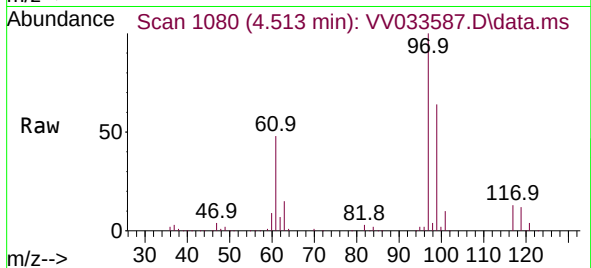
Tgt Ion: 97 Resp: 192078

Ion Ratio Lower Upper

97 100

99 63.9 50.8 76.2

61 47.9 38.1 57.1



#30

Cyclohexane

Concen: 11.381 ug/L

RT: 4.584 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

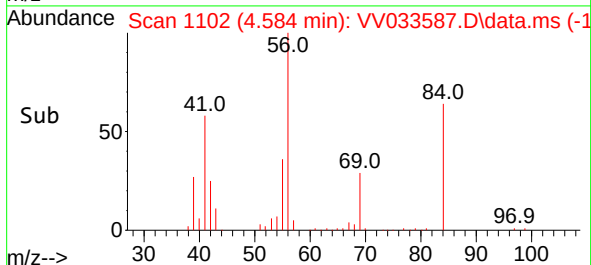
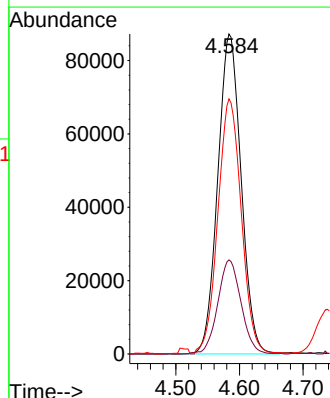
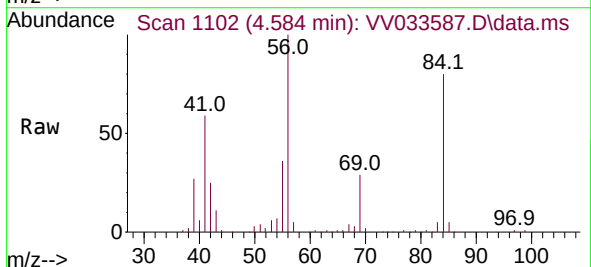
Tgt Ion: 56 Resp: 222738

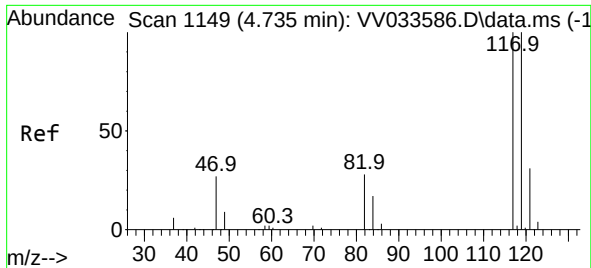
Ion Ratio Lower Upper

56 100

69 29.3 23.3 34.9

84 80.1 61.7 92.5

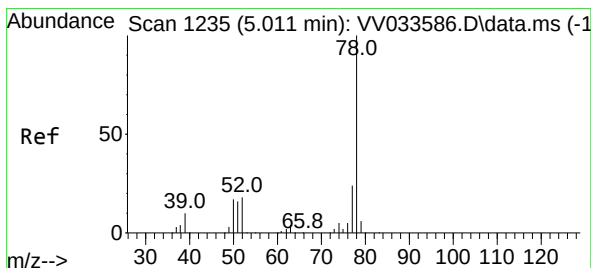
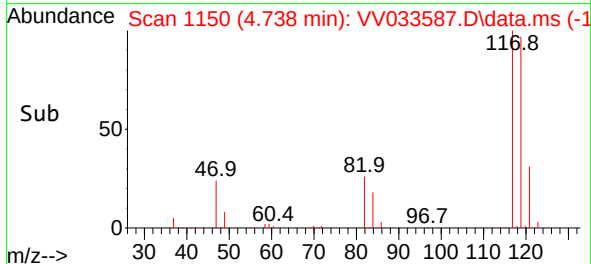
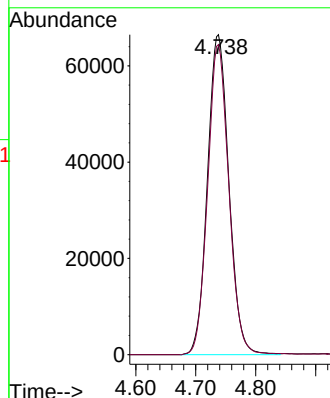
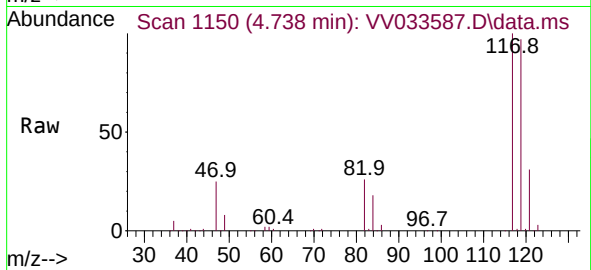




#31
Carbon tetrachloride
Concen: 11.244 ug/L
RT: 4.738 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

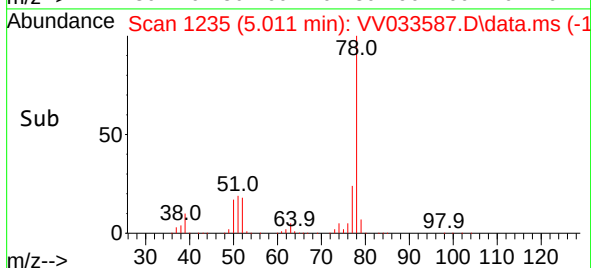
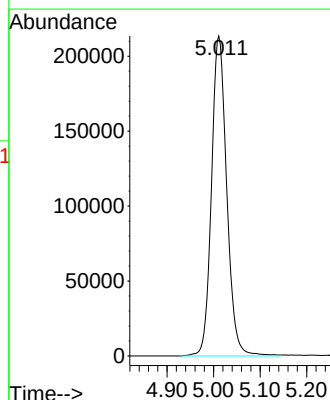
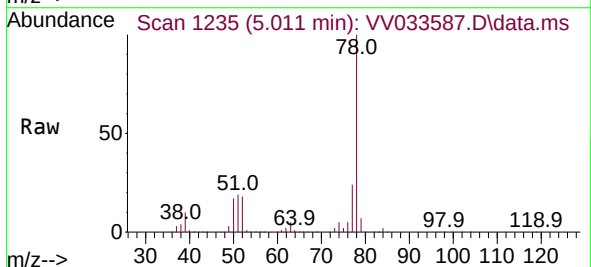
Instrument :
MSVOA_V
ClientSampleId :

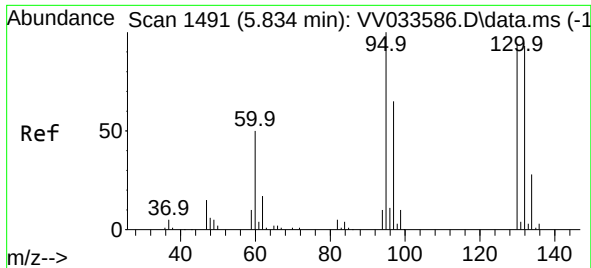
Tgt Ion:117 Resp: 165234
Ion Ratio Lower Upper
117 100
119 95.5 78.3 117.5



#33
Benzene
Concen: 11.143 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 78 Resp: 486123

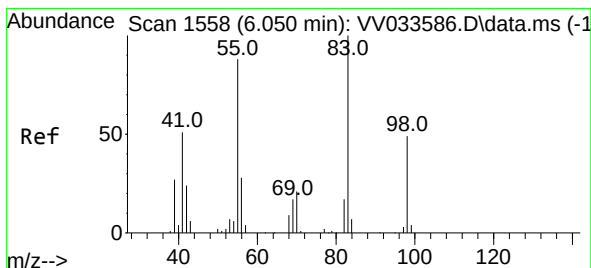
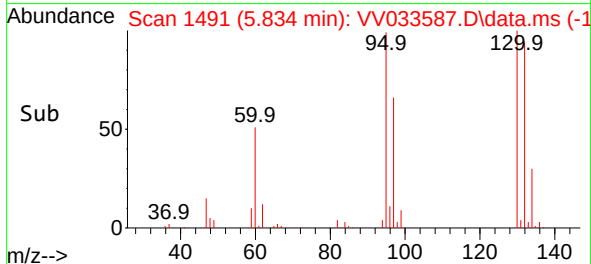
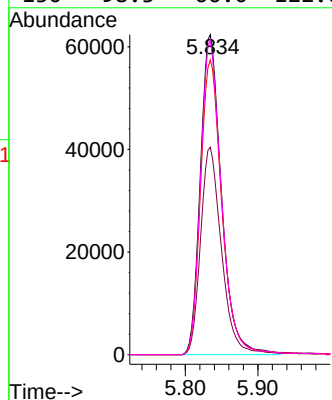
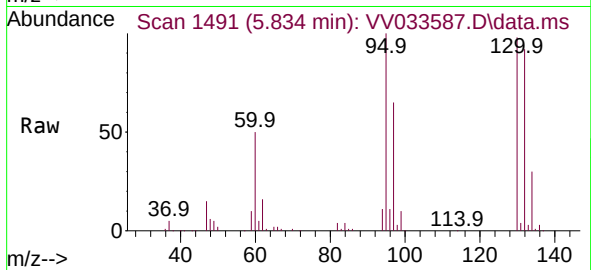




#34
Trichloroethene
Concen: 10.792 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

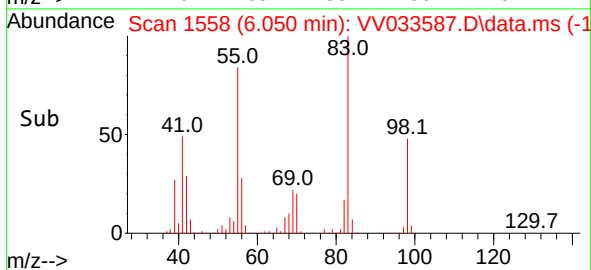
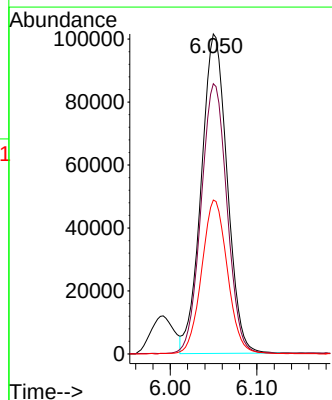
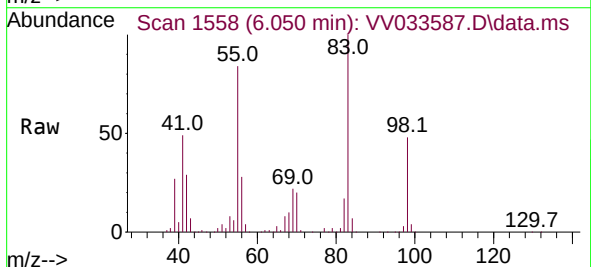
Instrument :
MSVOA_V
ClientSampleId :

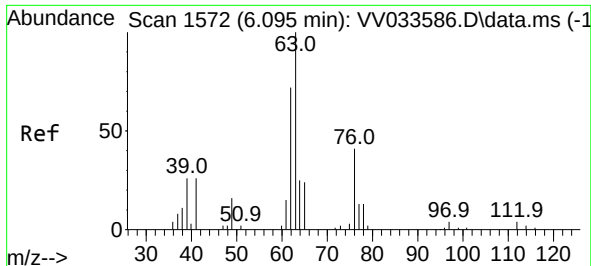
Tgt Ion: 95 Resp: 126072
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.9
132 92.1 65.2 121.2
130 98.3 66.0 122.6



#35
Methylcyclohexane
Concen: 11.192 ug/L
RT: 6.050 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 83 Resp: 211027
Ion Ratio Lower Upper
83 100
55 84.3 68.7 103.1
98 48.0 38.3 57.5





#37

1,2-Dichloropropane

Concen: 10.662 ug/L

RT: 6.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

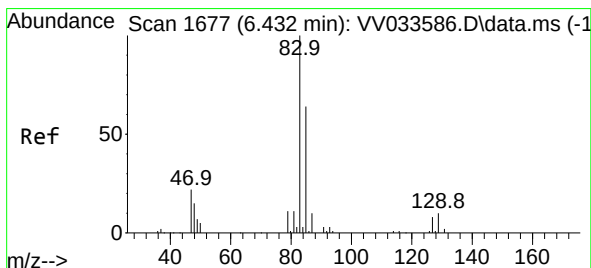
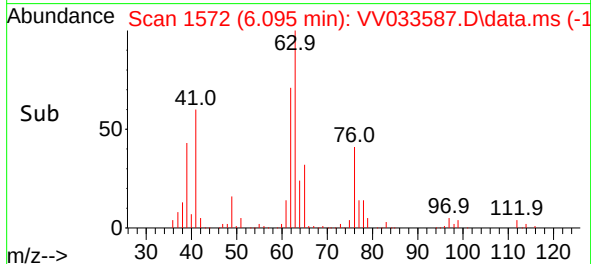
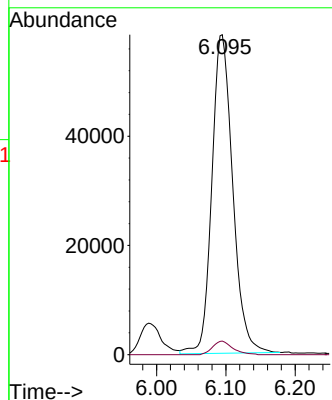
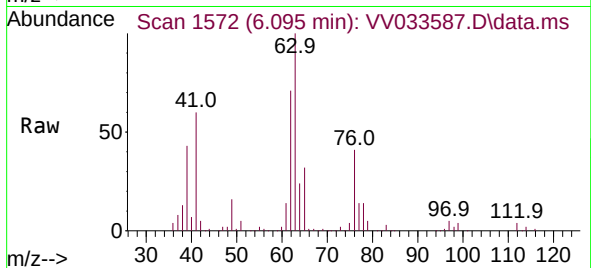
ClientSampleId :

Tgt Ion: 63 Resp: 121874

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 10.594 ug/L

RT: 6.432 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

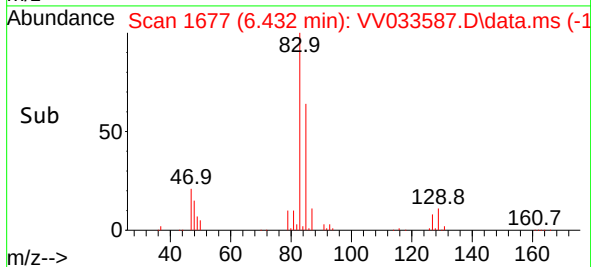
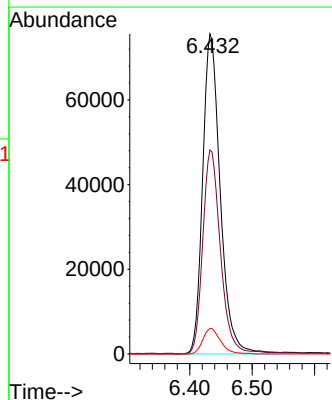
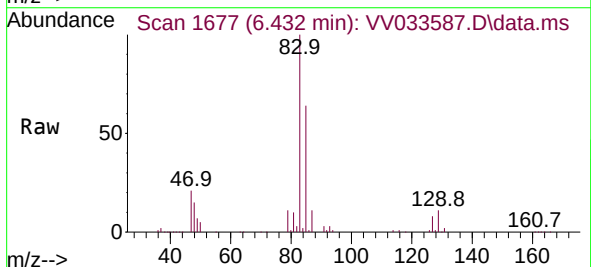
Tgt Ion: 83 Resp: 148501

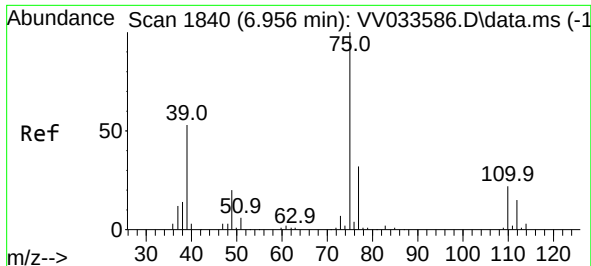
Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.9

127 8.0 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 10.561 ug/L

RT: 6.953 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

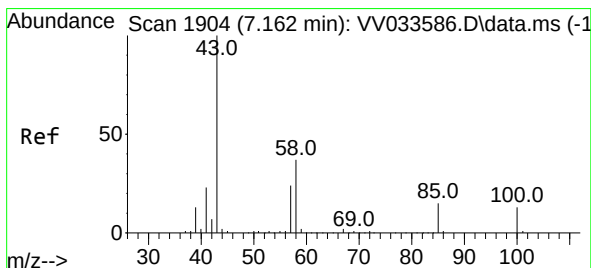
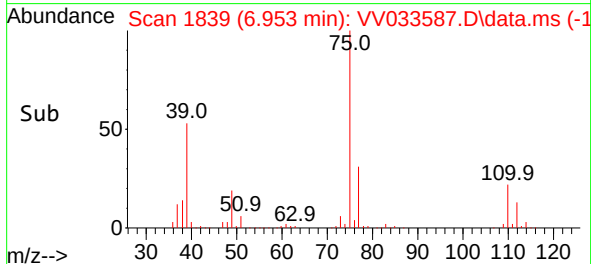
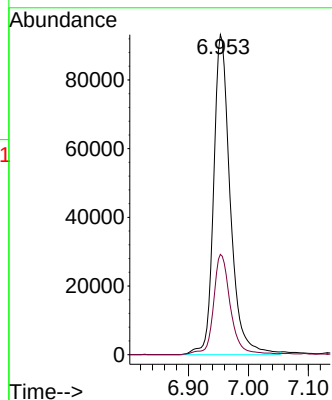
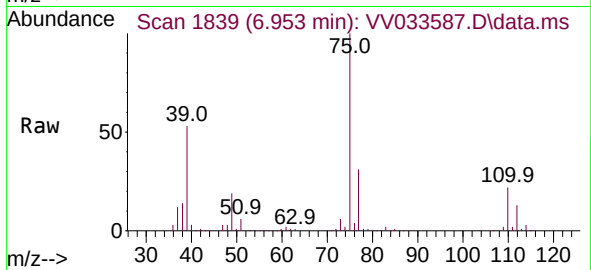
ClientSampleId :

Tgt Ion: 75 Resp: 179780

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 97.303 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

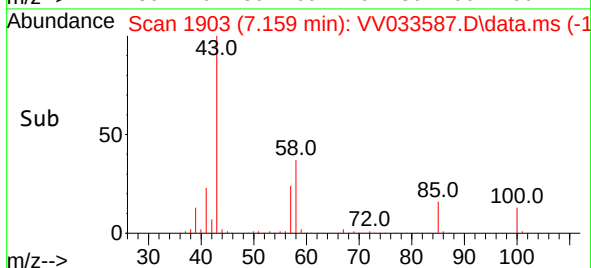
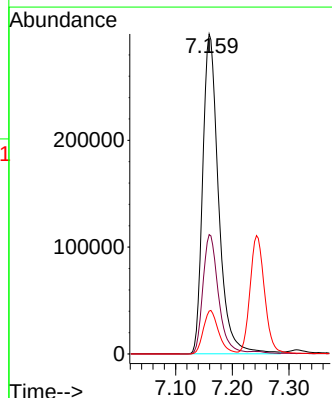
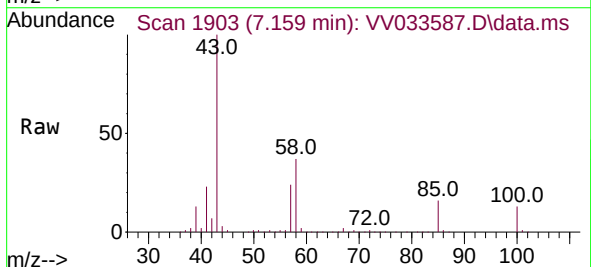
Tgt Ion: 43 Resp: 582581

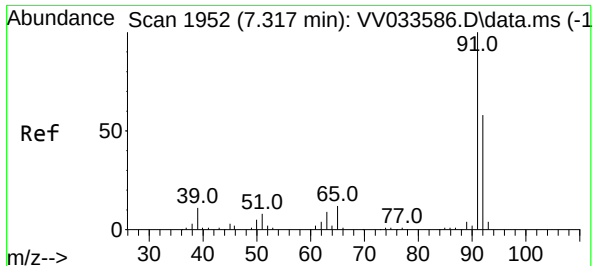
Ion Ratio Lower Upper

43 100

58 36.7 29.9 44.9

100 13.1 9.9 14.9





#42

Toluene

Concen: 10.969 ug/L

RT: 7.313 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

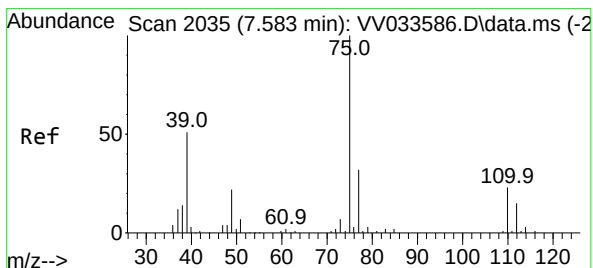
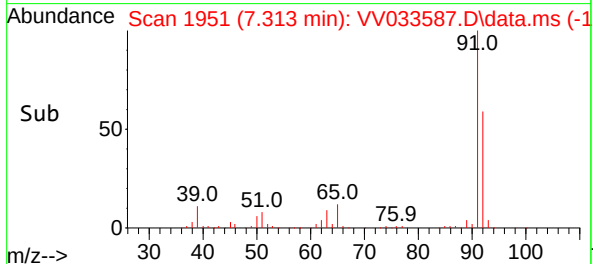
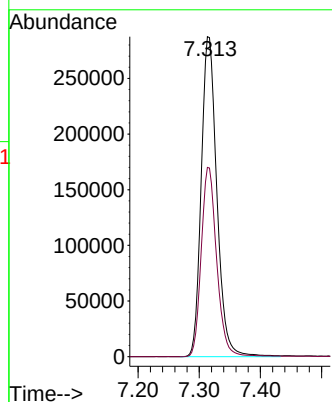
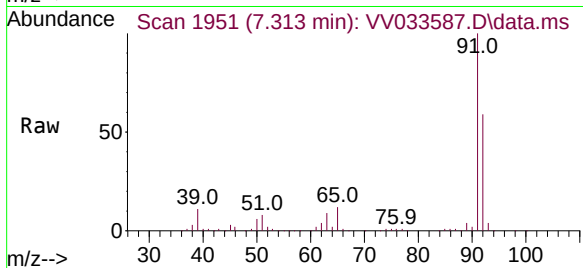
ClientSampleId :

Tgt Ion: 91 Resp: 510352

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 10.822 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. -0.003 min

Lab File: VV033587.D

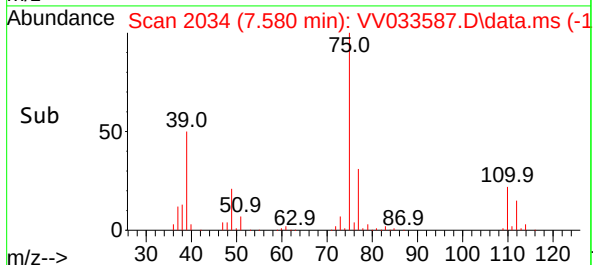
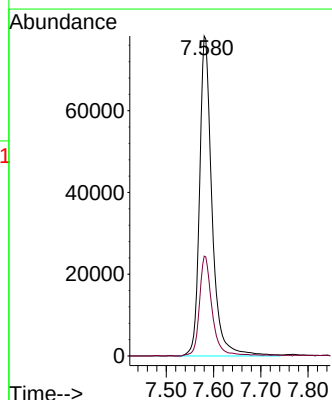
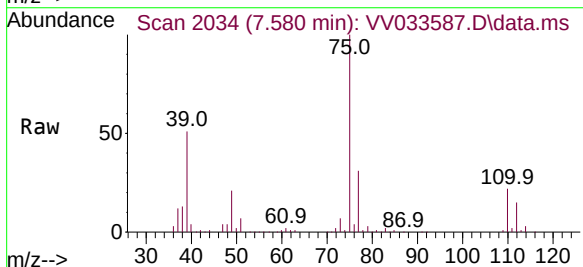
Acq: 12 Jan 2024 11:17

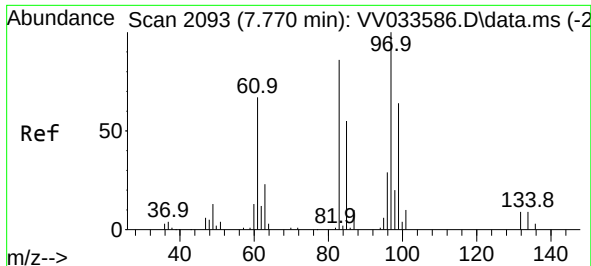
Tgt Ion: 75 Resp: 143301

Ion Ratio Lower Upper

75 100

77 31.2 22.5 41.7

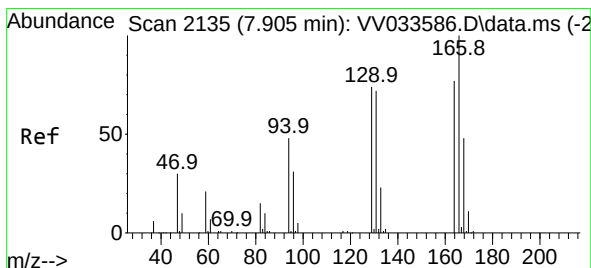
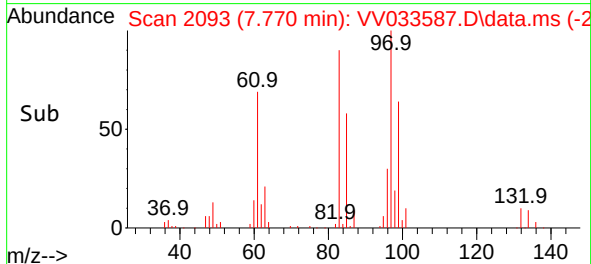
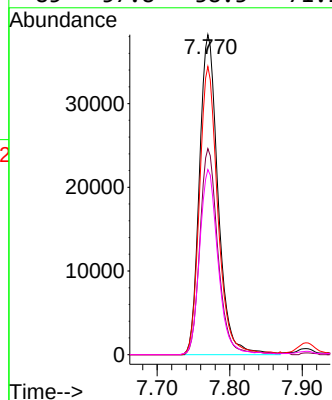
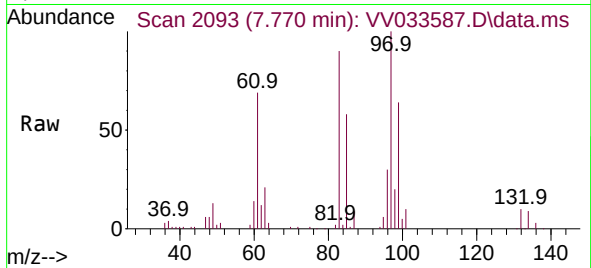




#45
1,1,2-Trichloroethane
Concen: 10.024 ug/L
RT: 7.770 min Scan# 2093
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

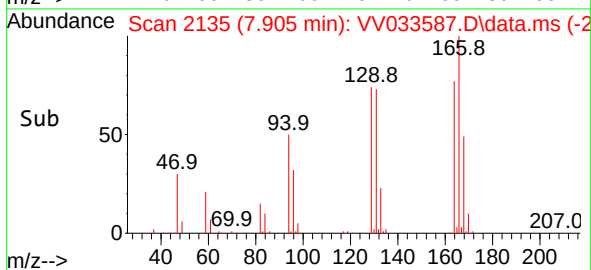
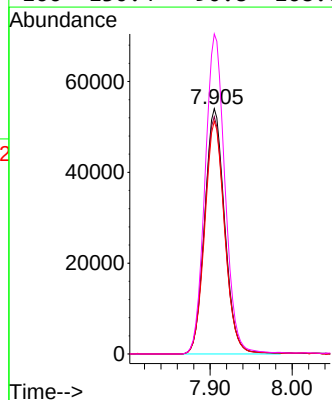
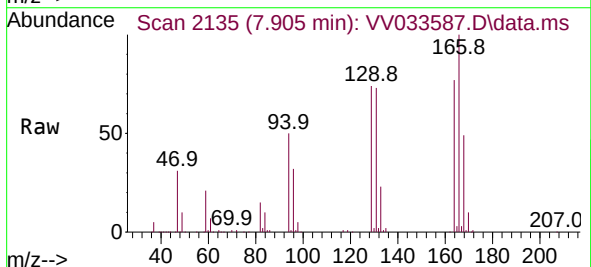
Instrument :
MSVOA_V
ClientSampleId :

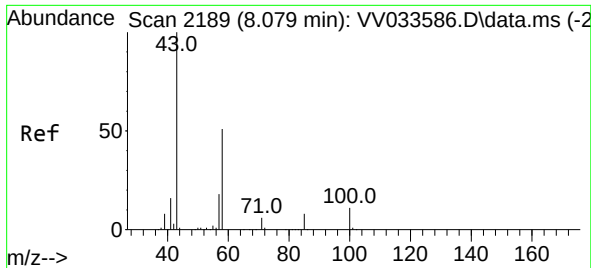
Tgt Ion:	97	Resp:	68202
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.9	83.3
83	90.1	60.5	112.3
85	57.8	38.3	71.1



#47
Tetrachloroethene
Concen: 11.112 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

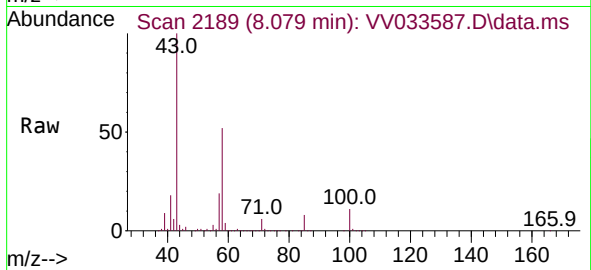
Tgt Ion:	164	Resp:	91950
Ion	Ratio	Lower	Upper
164	100		
129	96.7	67.1	124.7
131	94.9	65.0	120.6
166	130.4	90.8	168.6



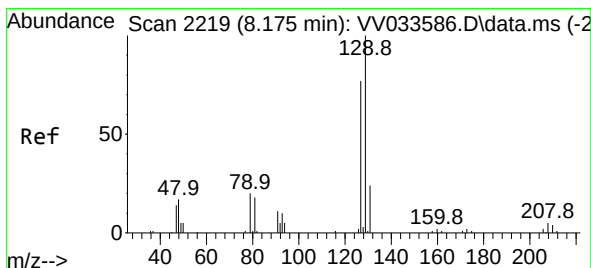
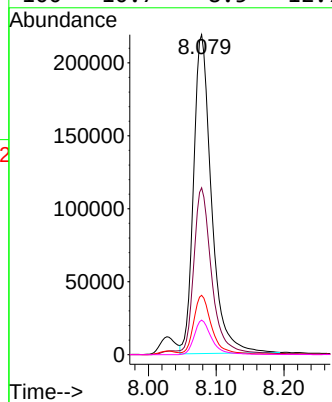
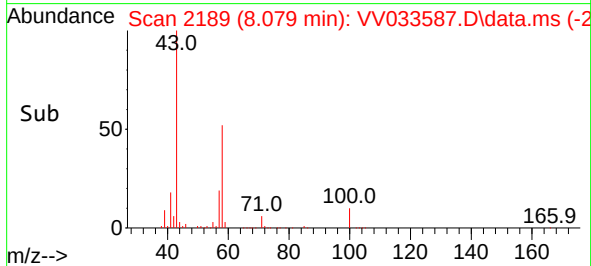


#48
2-Hexanone
Concen: 91.521 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :

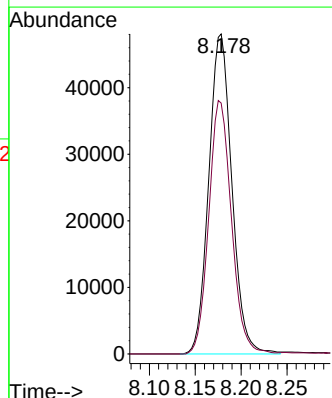
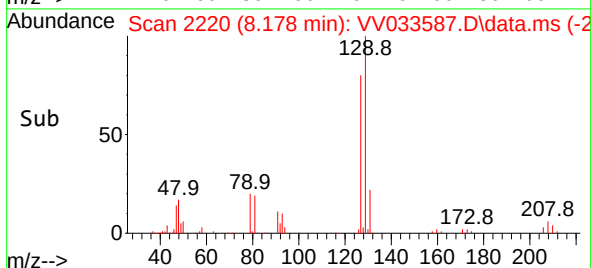
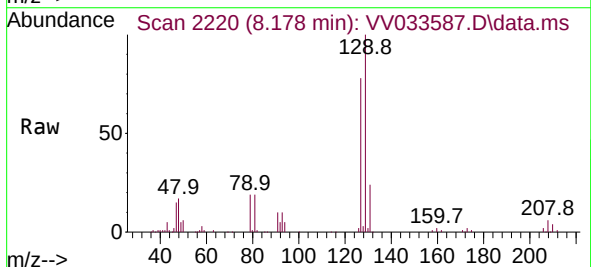


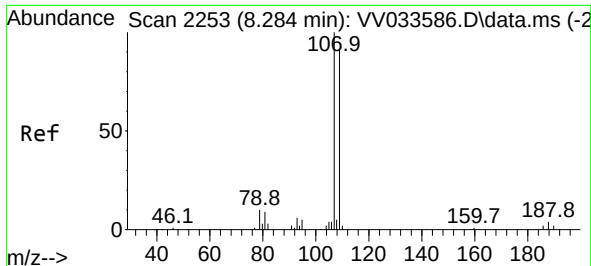
Tgt Ion: 43 Resp: 401741
Ion Ratio Lower Upper
43 100
58 54.2 40.6 61.0
57 18.4 13.8 20.8
100 10.7 8.5 12.7



#49
Dibromochloromethane
Concen: 10.515 ug/L
RT: 8.178 min Scan# 2220
Delta R.T. 0.003 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 129 Resp: 84312
Ion Ratio Lower Upper
129 100
127 78.4 53.6 99.6





#50

1,2-Dibromoethane

Concen: 10.247 ug/L

RT: 8.284 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV033587.D

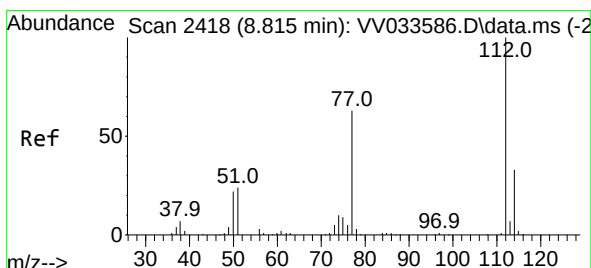
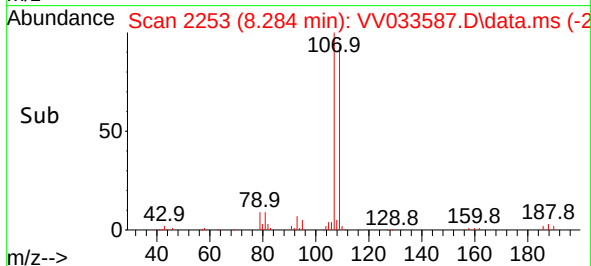
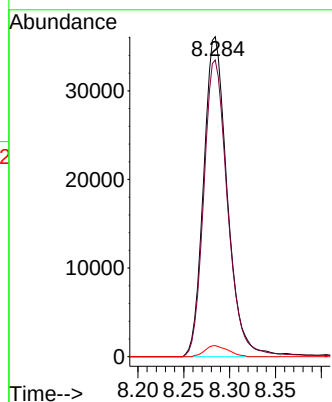
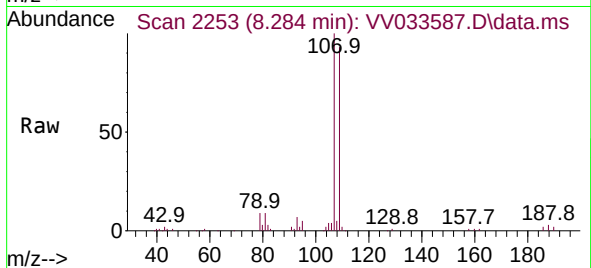
Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	64761
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.0	118.8
188	3.4	3.0	4.6



#51

Chlorobenzene

Concen: 10.721 ug/L

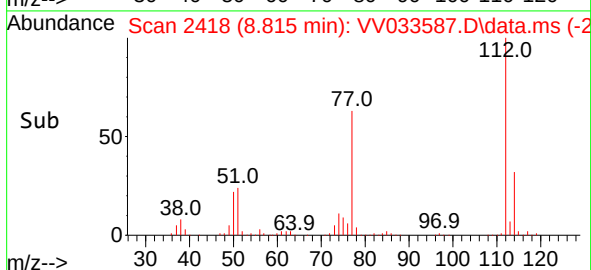
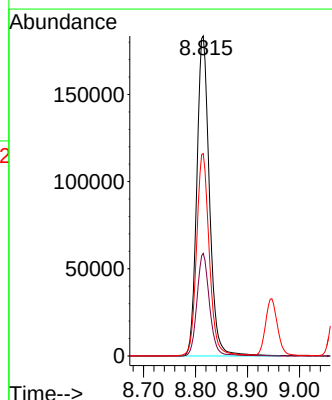
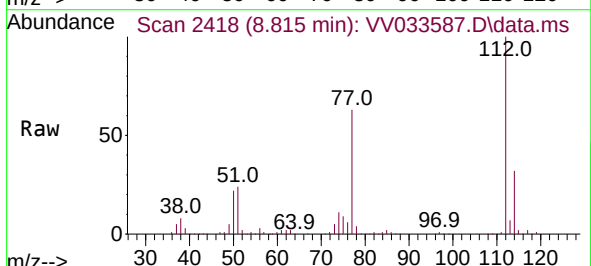
RT: 8.815 min Scan# 2418

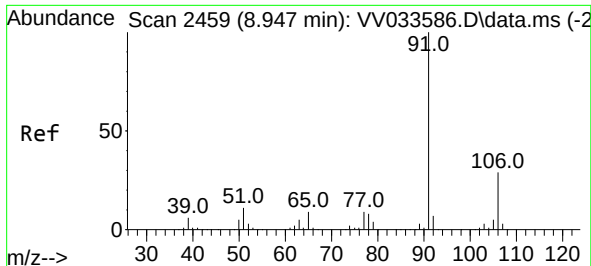
Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Tgt Ion:	112	Resp:	310085
Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	63.2	50.8	76.2

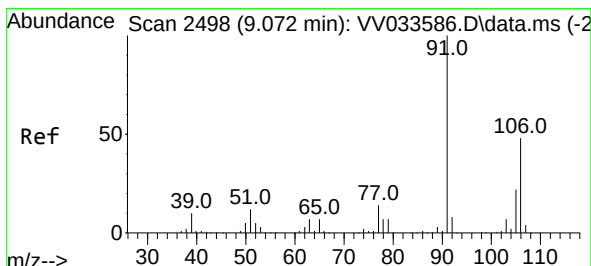
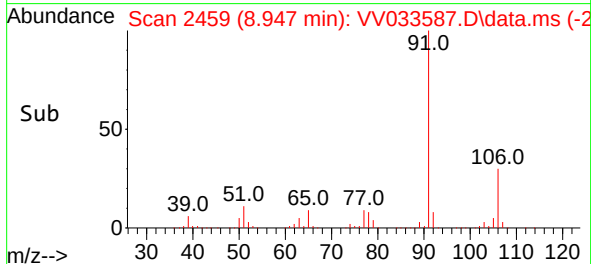
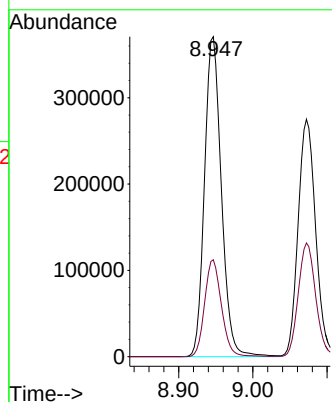
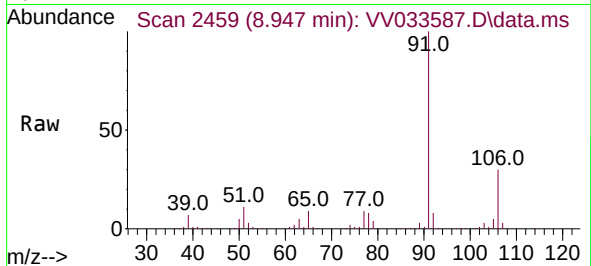




#52
Ethylbenzene
Concen: 10.730 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

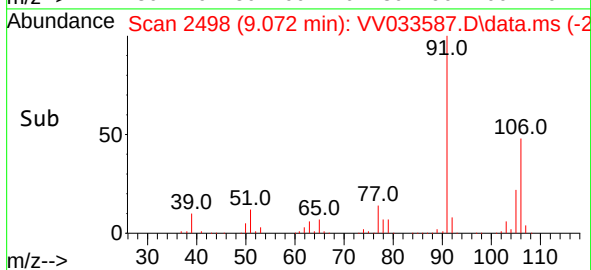
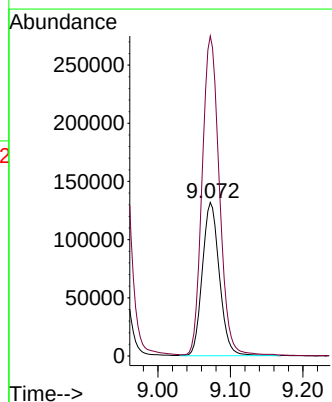
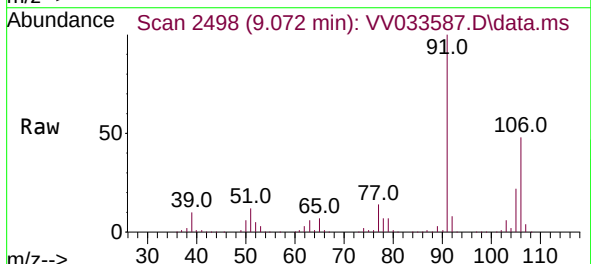
Instrument :
MSVOA_V
ClientSampleId :

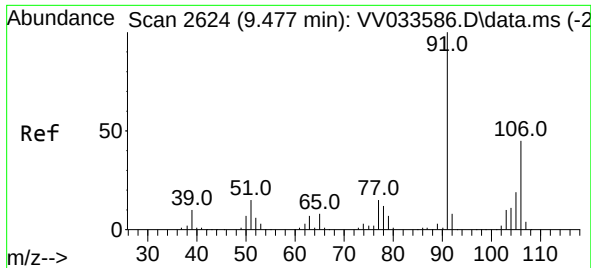
Tgt Ion: 91 Resp: 584536
Ion Ratio Lower Upper
91 100
106 30.3 20.6 38.4



#53
m,p-Xylene
Concen: 10.682 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion:106 Resp: 214768
Ion Ratio Lower Upper
106 100
91 208.6 146.2 271.4

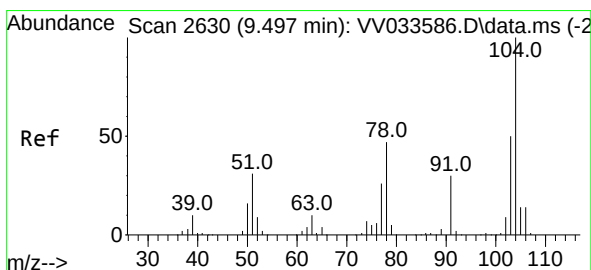
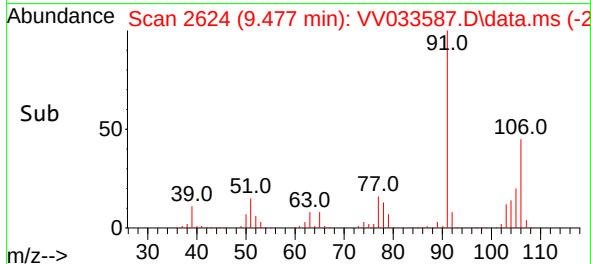
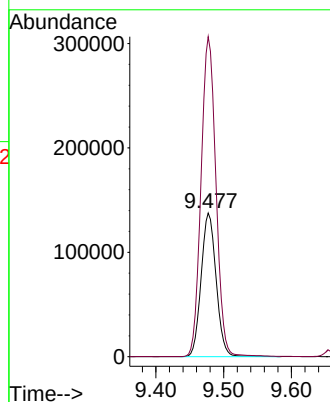
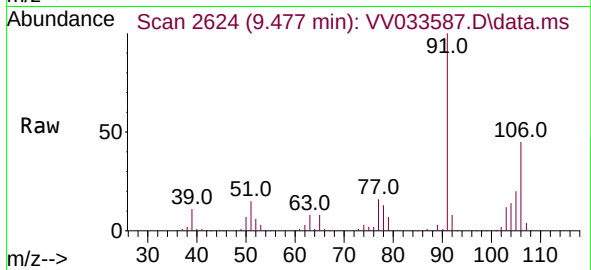




#54
o-Xylene
Concen: 10.766 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

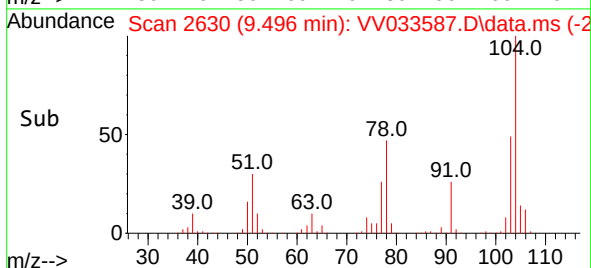
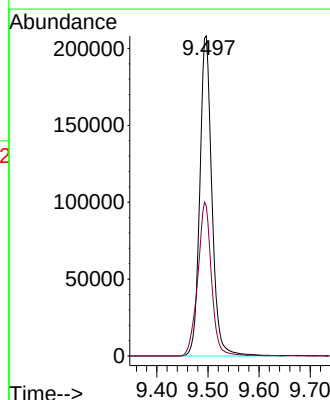
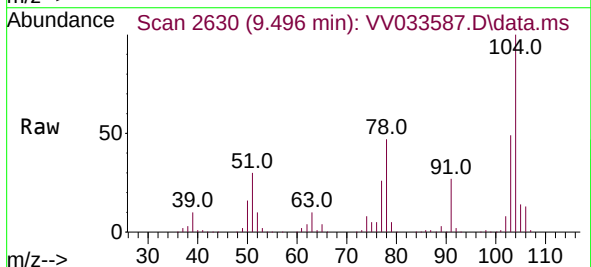
Instrument :
MSVOA_V
ClientSampleId :

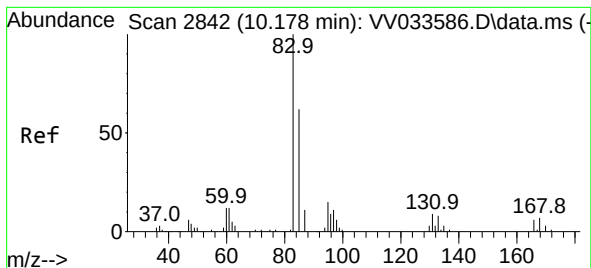
Tgt Ion:106 Resp: 211248
Ion Ratio Lower Upper
106 100
91 222.6 156.0 289.6



#55
Styrene
Concen: 10.592 ug/L
RT: 9.496 min Scan# 2630
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion:104 Resp: 343205
Ion Ratio Lower Upper
104 100
78 46.9 33.1 61.5

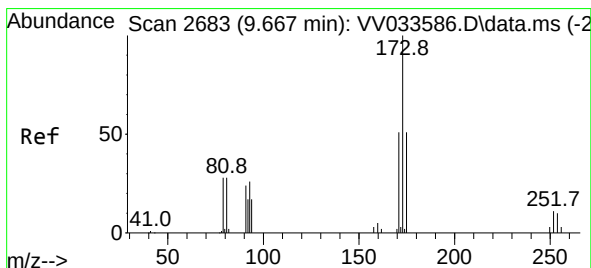
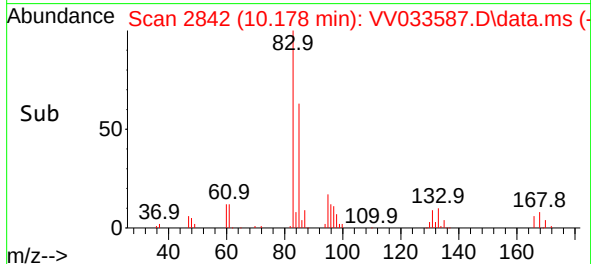
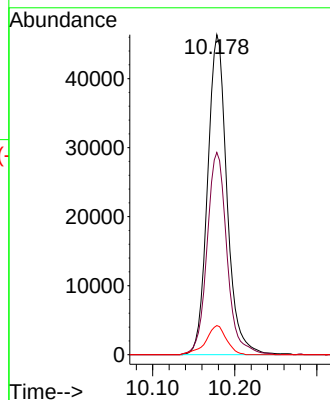
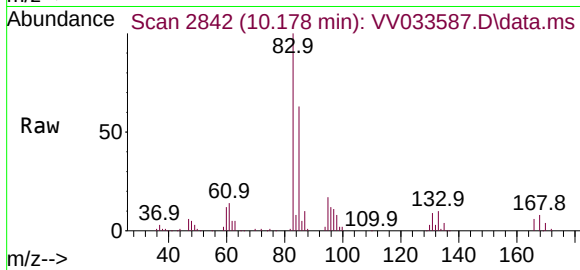




#57
1,1,2,2-Tetrachloroethane
Concen: 10.132 ug/L
RT: 10.178 min Scan# 2842
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

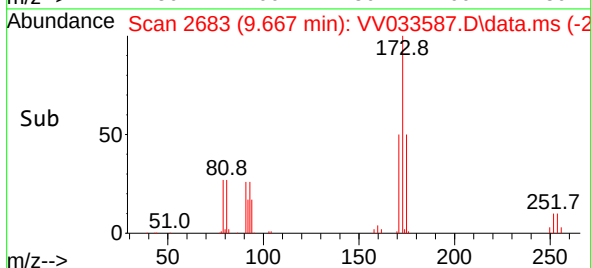
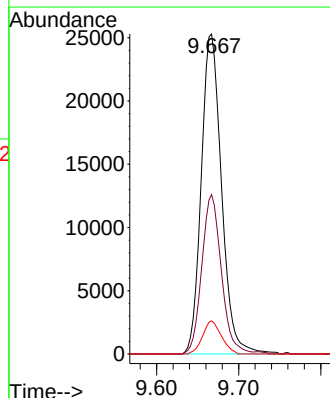
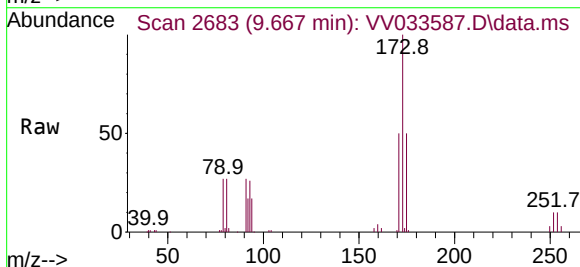
Instrument :
MSVOA_V
ClientSampleId :

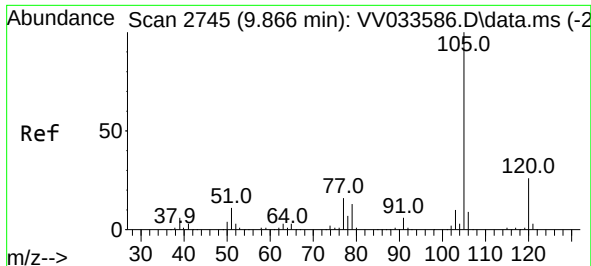
Tgt Ion: 83 Resp: 76051
Ion Ratio Lower Upper
83 100
85 63.2 43.5 80.7
131 9.1 7.4 11.0



#59
Bromoform
Concen: 10.195 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 173 Resp: 43529
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 9.5 7.5 11.3

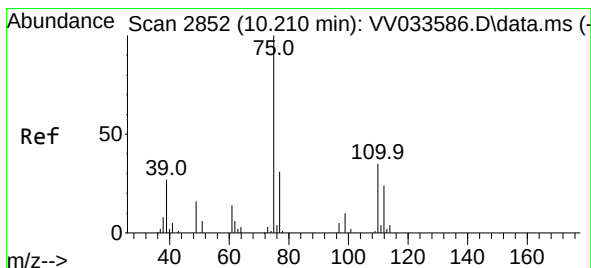
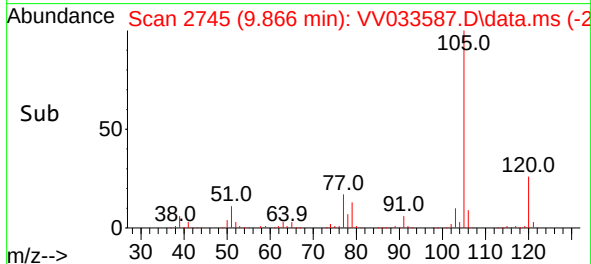
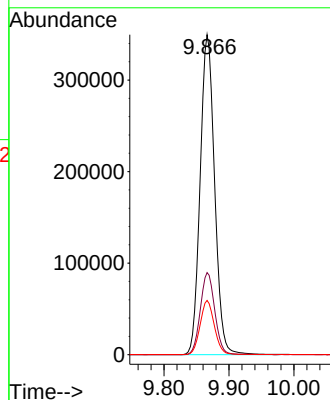
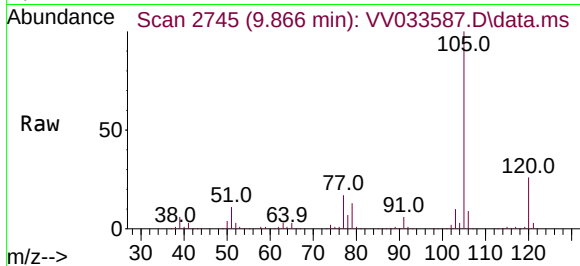




#60
Isopropylbenzene
Concen: 10.007 ug/L
RT: 9.866 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

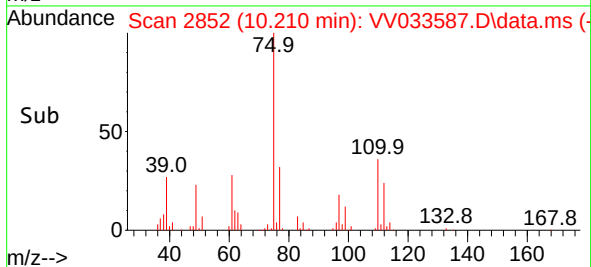
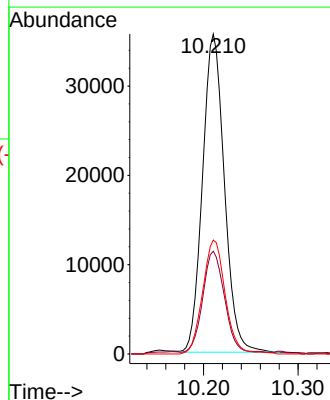
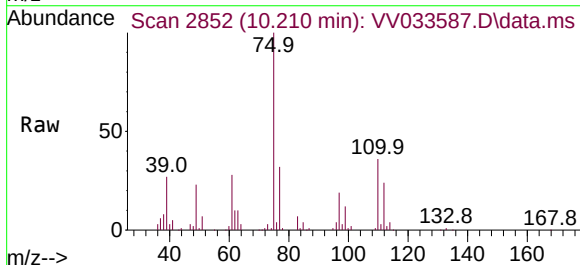
Instrument :
MSVOA_V
ClientSampleId :

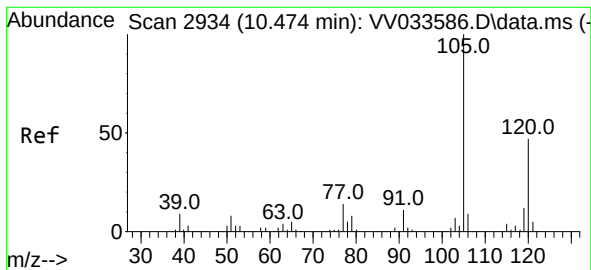
Tgt Ion:105 Resp: 542853
Ion Ratio Lower Upper
105 100
120 25.7 21.0 31.6
77 16.6 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 10.098 ug/L
RT: 10.210 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion: 75 Resp: 57208
Ion Ratio Lower Upper
75 100
77 31.6 24.7 37.1
110 37.0 28.0 42.0





#62

1,3,5-Trimethylbenzene

Concen: 10.254 ug/L

RT: 10.477 min Scan# 2934

Delta R.T. 0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

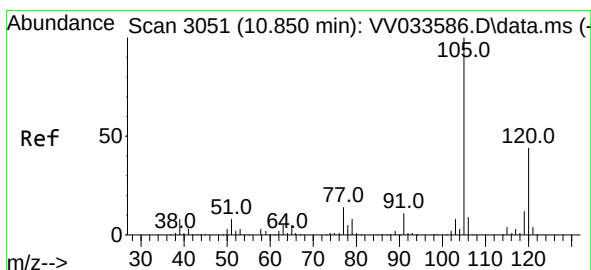
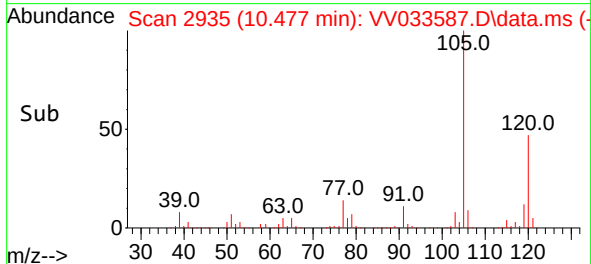
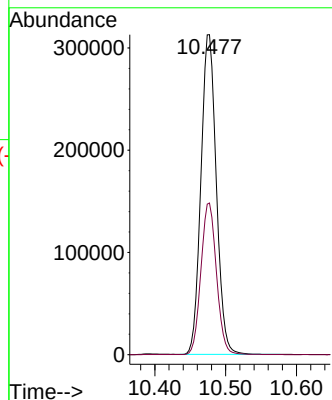
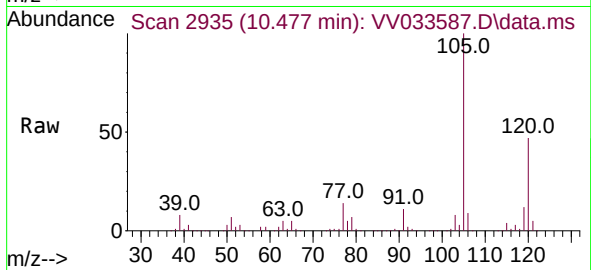
ClientSampleId :

Tgt Ion:105 Resp: 471297

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 10.664 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV033587.D

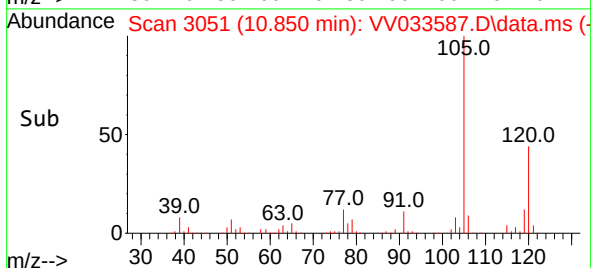
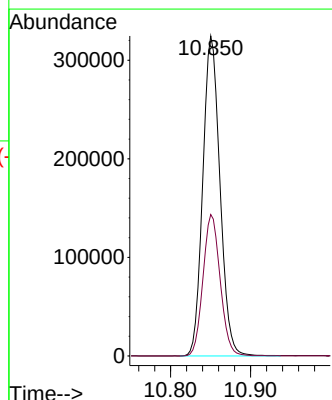
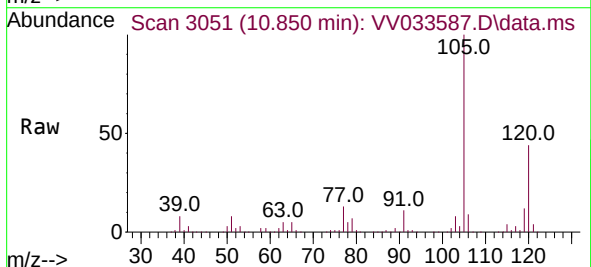
Acq: 12 Jan 2024 11:17

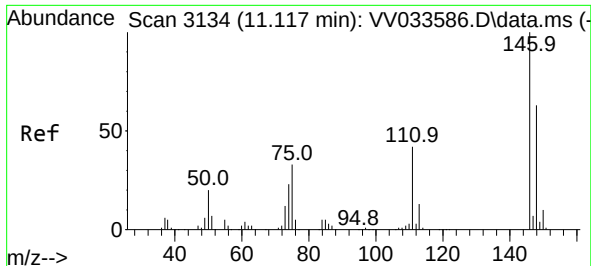
Tgt Ion:105 Resp: 485814

Ion Ratio Lower Upper

105 100

120 44.3 35.5 53.3

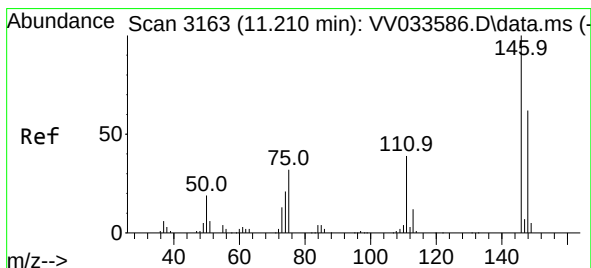
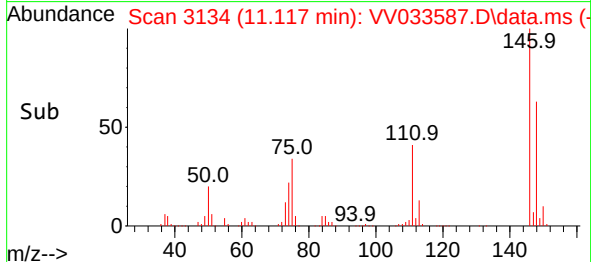
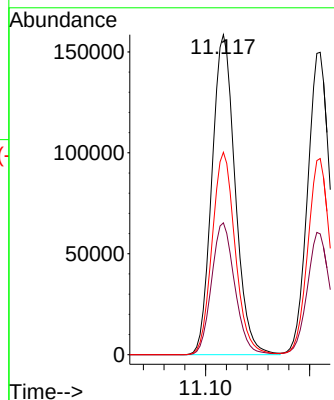
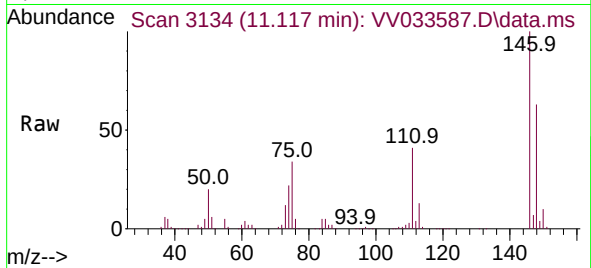




#64
1,3-Dichlorobenzene
Concen: 10.579 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

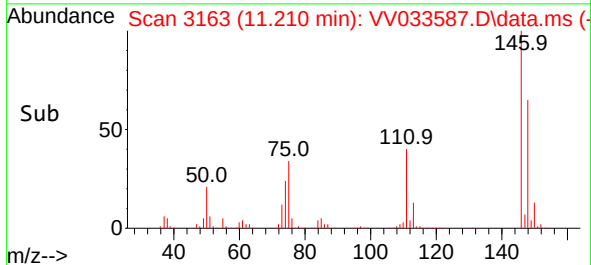
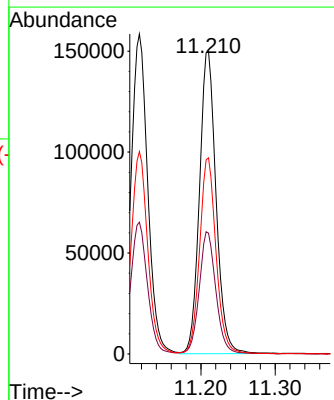
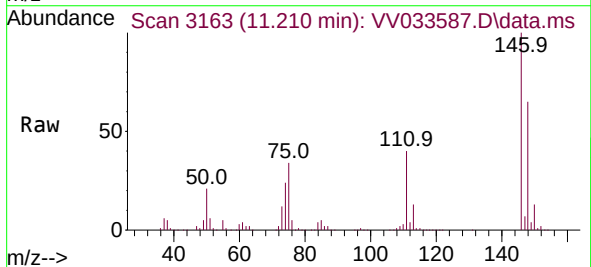
Instrument :
MSVOA_V
ClientSampleId :

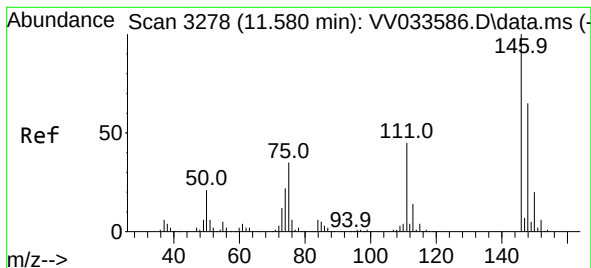
Tgt Ion:146 Resp: 246305
Ion Ratio Lower Upper
146 100
111 41.2 29.2 54.2
148 63.2 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 9.867 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion:146 Resp: 232760
Ion Ratio Lower Upper
146 100
111 39.9 27.5 51.1
148 64.9 43.3 80.5





#67

1,2-Dichlorobenzene

Concen: 10.304 ug/L

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :

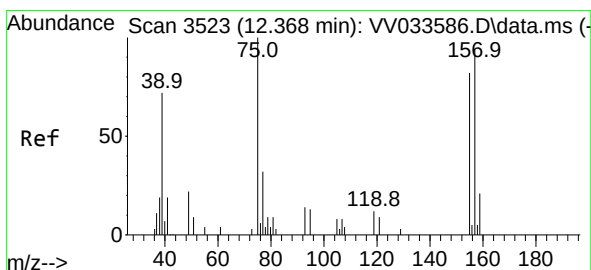
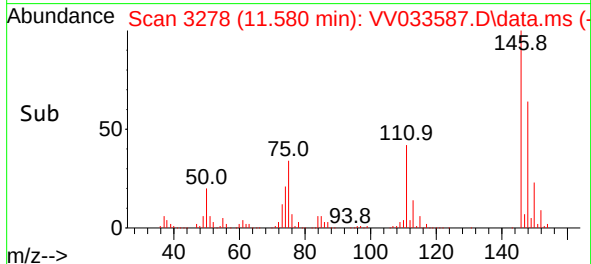
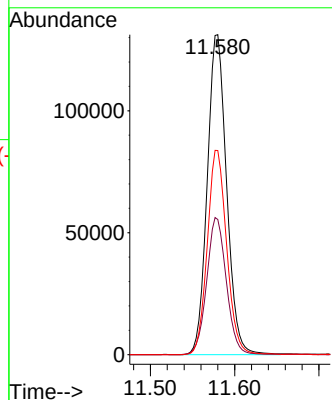
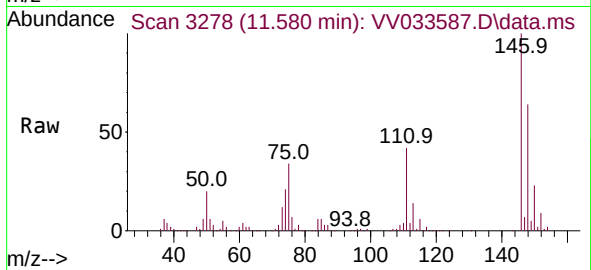
Tgt Ion:146 Resp: 209985

Ion Ratio Lower Upper

146 100

111 42.2 36.1 54.1

148 63.8 52.2 78.2



#68

1,2-Dibromo-3-chloropropane

Concen: 10.596 ug/L

RT: 12.365 min Scan# 3522

Delta R.T. -0.003 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

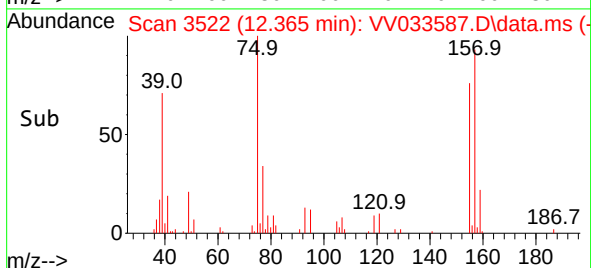
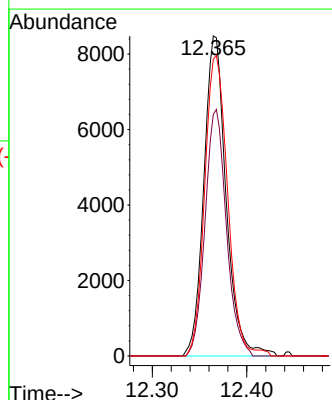
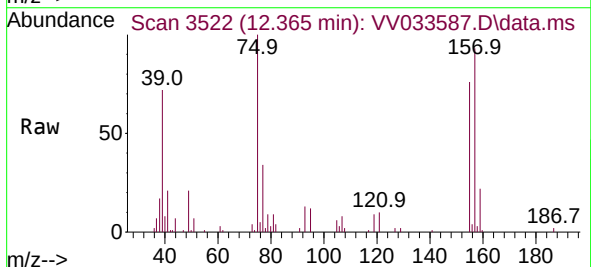
Tgt Ion: 75 Resp: 13877

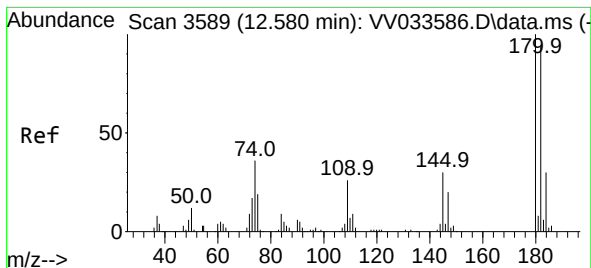
Ion Ratio Lower Upper

75 100

155 75.5 65.3 97.9

157 92.7 75.4 113.0





#69

1,3,5-Trichlorobenzene

Concen: 10.559 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

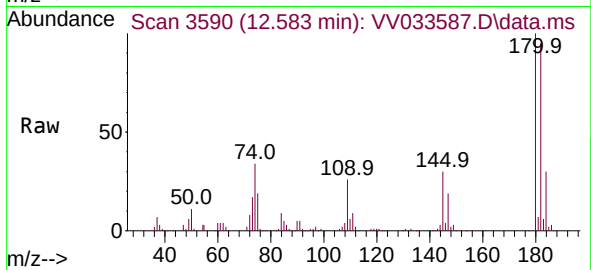
Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 188958

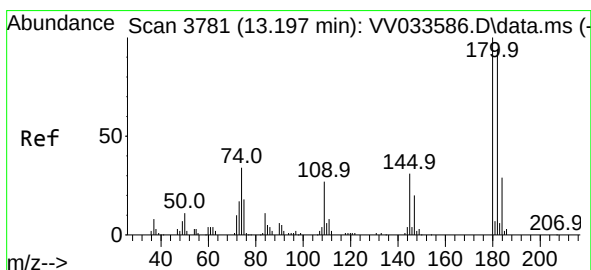
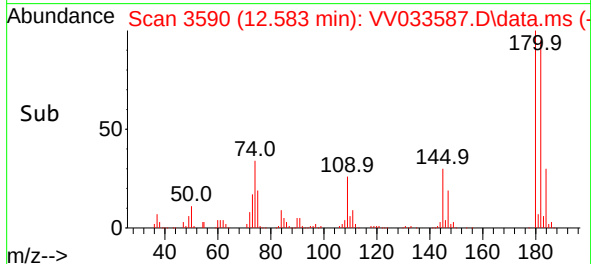
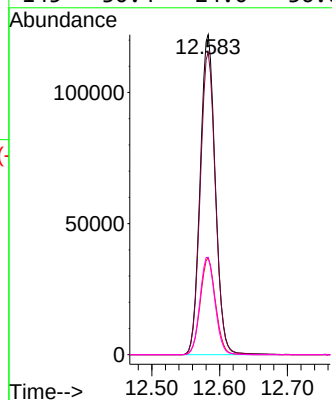
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

184 30.5 24.2 36.2

145 30.4 24.0 36.0



#70

1,2,4-trichlorobenzene

Concen: 10.178 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. -0.000 min

Lab File: VV033587.D

Acq: 12 Jan 2024 11:17

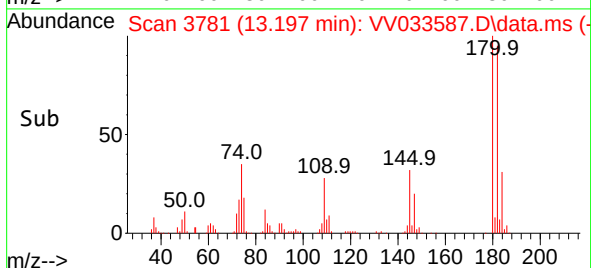
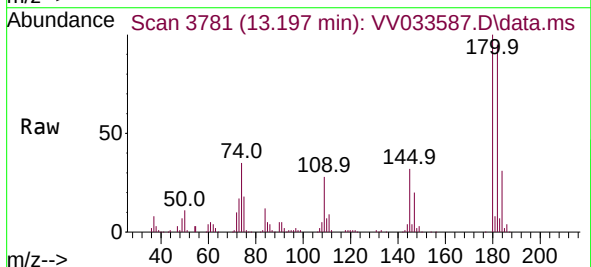
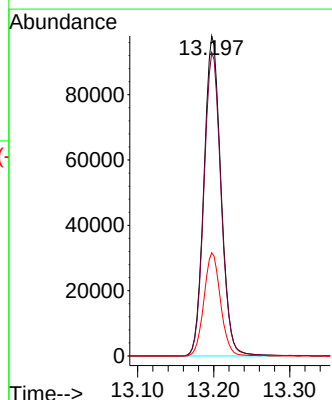
Tgt Ion:180 Resp: 152033

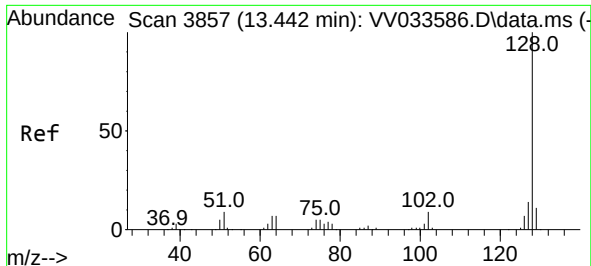
Ion Ratio Lower Upper

180 100

182 95.6 75.0 112.6

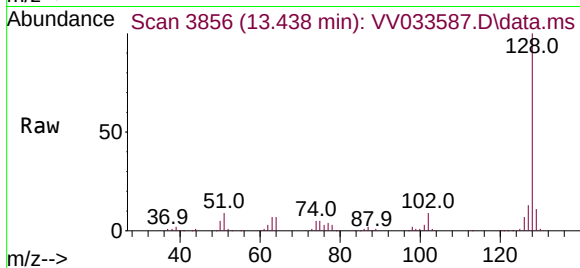
145 31.5 24.8 37.2



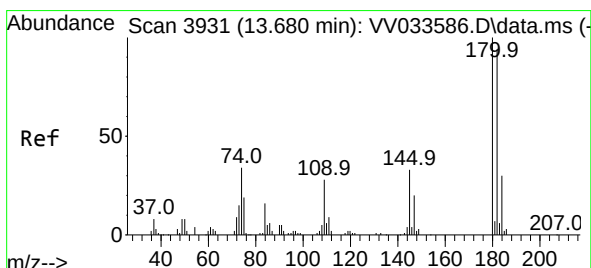
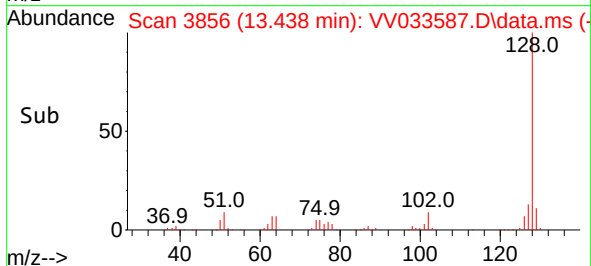
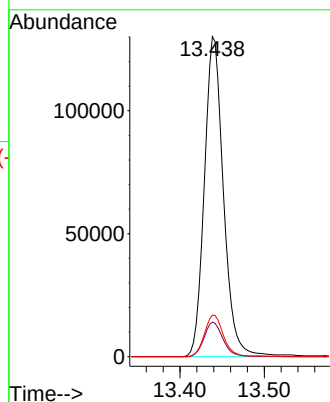


#71
Naphthalene
Concen: 9.952 ug/L
RT: 13.438 min Scan# 3856
Delta R.T. -0.003 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 205624
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 10.375 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV033587.D
Acq: 12 Jan 2024 11:17

Tgt Ion:180 Resp: 121449
Ion Ratio Lower Upper
180 100
182 95.9 75.0 112.6
145 33.1 26.6 40.0

