

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022824\
 Data File : VW034460.D
 Acq On : 28 Feb 2024 10:41
 Operator : SY/MD
 Sample : P1601-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 29 00:35:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	147418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	141235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	72069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	35023	4.093	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.532	69	30846	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.056	65	16624	4.173	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.821	46	113222	50.604	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.252	84	80863	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	4.947	65	43626	4.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	4.963	84	139147	4.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	5.992	67	46612	4.913	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.200%
41) Toluene-d8	7.246	98	121767	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.561	79	15669	4.434	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.030	63	101188	50.635	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.280%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	36337	4.839	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	50578	4.619	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	2420	0.260	ug/L	98
3) Chloromethane	1.214	50	3047	0.276	ug/L	93
5) Vinyl chloride	1.281	62	3141	0.288	ug/L	97
6) Bromomethane	1.487	94	1783	0.288	ug/L	97
8) Chloroethane	1.548	64	1848	0.239	ug/L	96
9) Trichlorofluoromethane	1.712	101	4368	0.246	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2711	0.283	ug/L #	90
12) 1,1-Dichloroethene	2.066	96	2649	0.287	ug/L #	1
14) Carbon disulfide	2.240	76	6263	0.253	ug/L	96
16) Methylene chloride	2.449	84	3184	0.302	ug/L	95
17) Methyl tert-butyl Ether	2.709	73	6035	0.251	ug/L	93
18) trans-1,2-Dichloroethene	2.699	96	2524	0.269	ug/L	84
19) 1,1-Dichloroethane	3.121	63	4868	0.269	ug/L	97
23) Bromochloromethane	4.165	128	1197	0.278	ug/L #	70
25) Chloroform	4.281	83	5431	0.289	ug/L	93
27) 1,2-Dichloroethane	5.066	62	3043	0.266	ug/L #	91
29) 1,1,1-Trichloroethane	4.513	97	4165	0.236	ug/L #	86
30) Cyclohexane	4.580	56	3498	0.230	ug/L	90
31) Carbon tetrachloride	4.744	117	3700	0.241	ug/L	93

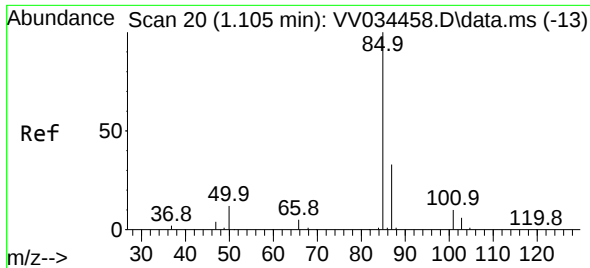
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022824\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 29 00:34:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.021	78	8673	0.222	ug/L	100
34) Trichloroethene	5.844	95	2213	0.217	ug/L	89
37) 1,2-Dichloropropane	6.108	63	2608	0.270	ug/L #	87
38) Bromodichloromethane	6.448	83	3071	0.233	ug/L #	97
39) cis-1,3-Dichloropropene	6.979	75	3188	0.238	ug/L	96
40) 4-Methyl-2-pentanone	7.172	43	13081	2.188	ug/L #	89
42) Toluene	7.326	91	10017	0.244	ug/L	93
44) trans-1,3-Dichloropropene	7.593	75	1695	0.156	ug/L	98
45) 1,1,2-Trichloroethane	7.783	97	1567	0.238	ug/L	96
47) Tetrachloroethene	7.908	164	2207	0.276	ug/L	88
48) 2-Hexanone	8.091	43	11888	2.792	ug/L #	97
49) Dibromochloromethane	8.181	129	1649	0.216	ug/L	85
50) 1,2-Dibromoethane	8.297	107	1572	0.256	ug/L #	93
51) Chlorobenzene	8.821	112	7098	0.266	ug/L #	86
52) Ethylbenzene	8.956	91	11606	0.251	ug/L	98
53) m,p-Xylene	9.088	106	3975	0.231	ug/L	95
54) o-Xylene	9.484	106	4195	0.244	ug/L	86
55) Styrene	9.509	104	6317	0.229	ug/L	88
57) 1,1,2,2-Tetrachloroethane	10.181	83	2111	0.268	ug/L #	95
59) Bromoform	9.680	173	650	0.177	ug/L #	94
60) Isopropylbenzene	9.873	105	10592	0.246	ug/L	95
61) 1,2,3-Trichloropropane	10.217	75	1633	0.294	ug/L	93
62) 1,3,5-Trimethylbenzene	10.480	105	8863	0.235	ug/L	93
63) 1,2,4-Trimethylbenzene	10.857	105	8514	0.226	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	5331	0.254	ug/L	93
65) 1,4-Dichlorobenzene	11.210	146	5790	0.278	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	5373	0.274	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	264	0.188	ug/L	92
69) 1,3,5-Trichlorobenzene	12.590	180	4141	0.258	ug/L #	96
70) 1,2,4-trichlorobenzene	13.204	180	3794	0.270	ug/L	94
71) Naphthalene	13.451	128	6114	0.255	ug/L	98
72) 1,2,3-Trichlorobenzene	13.692	180	3181	0.253	ug/L	97

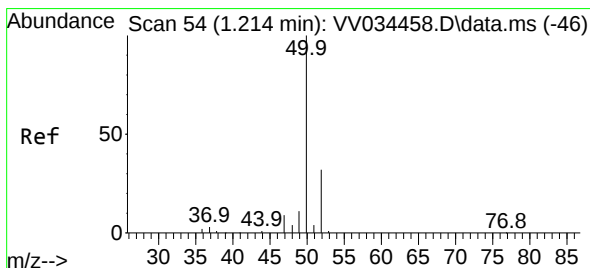
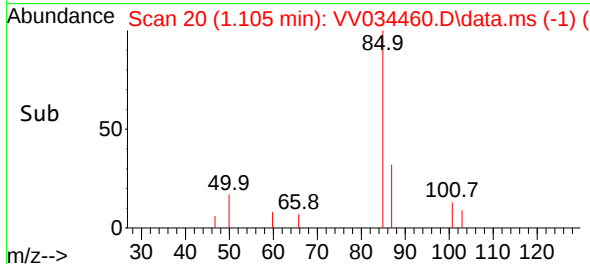
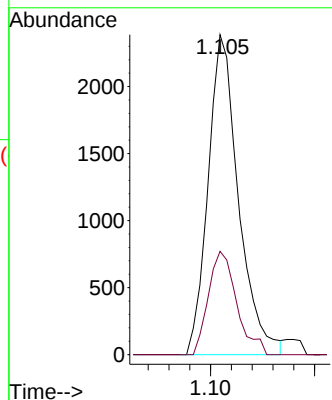
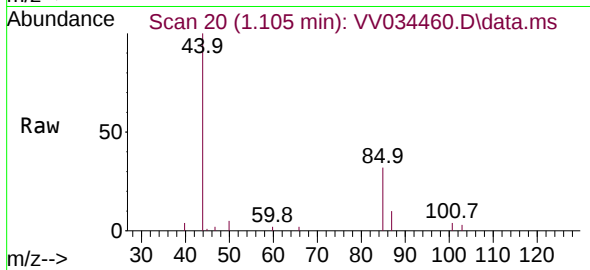
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.260 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

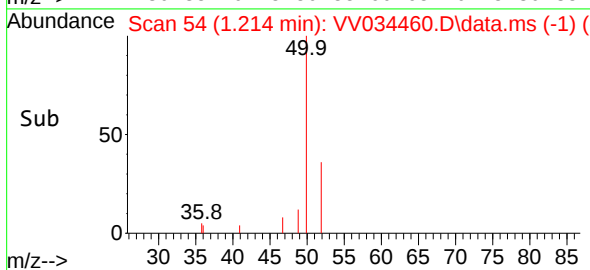
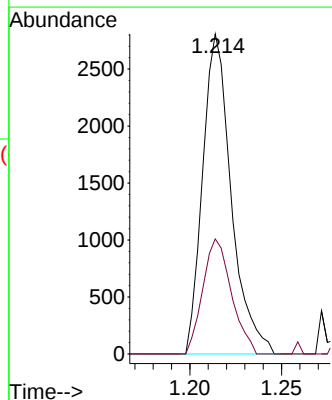
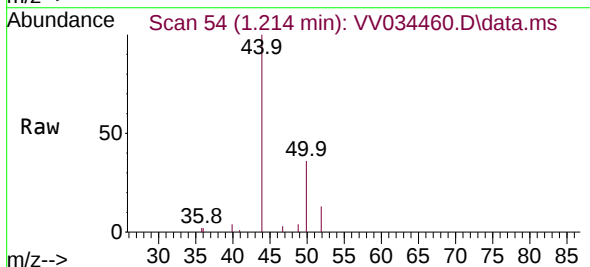
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 ClientSampleId :

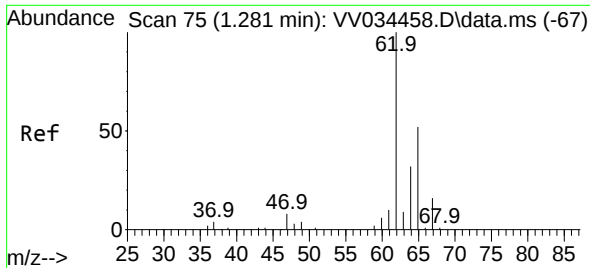
Tgt Ion: 85 Resp: 2420
 Ion Ratio Lower Upper
 85 100
 87 30.1 24.9 37.3



#3
 Chloromethane
 Concen: 0.276 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

Tgt Ion: 50 Resp: 3047
 Ion Ratio Lower Upper
 50 100
 52 36.0 22.3 41.3

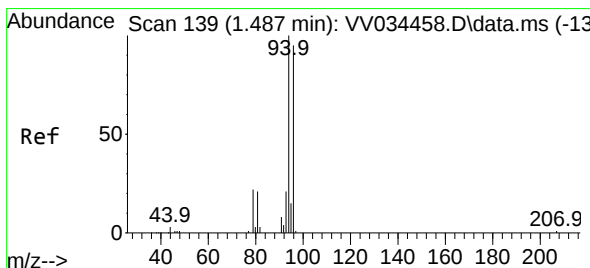
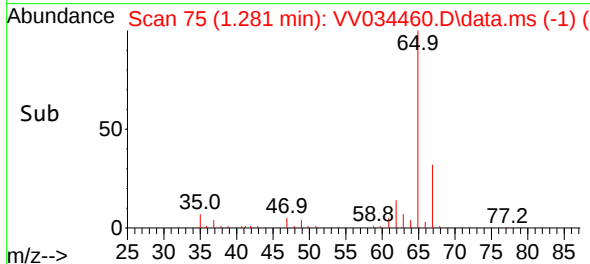
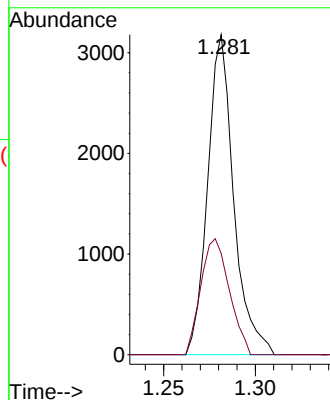
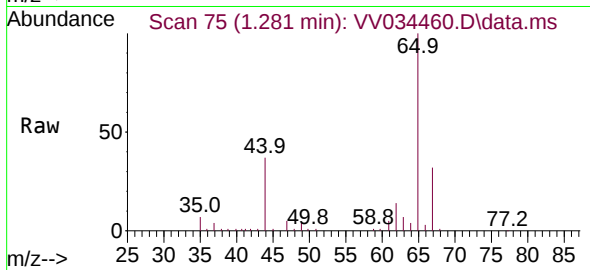




#5
 Vinyl chloride
 Concen: 0.288 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

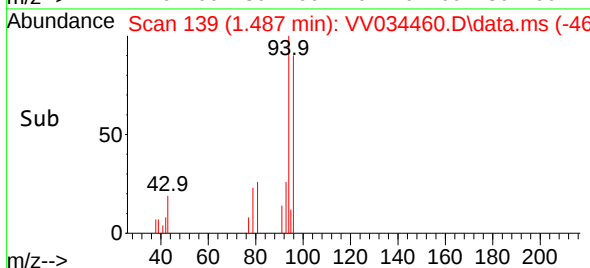
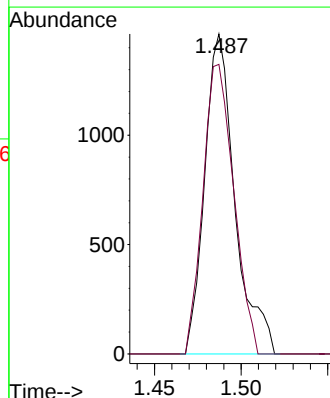
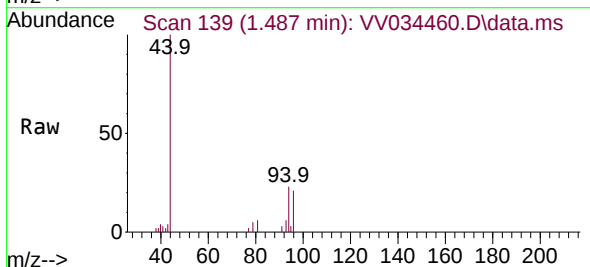
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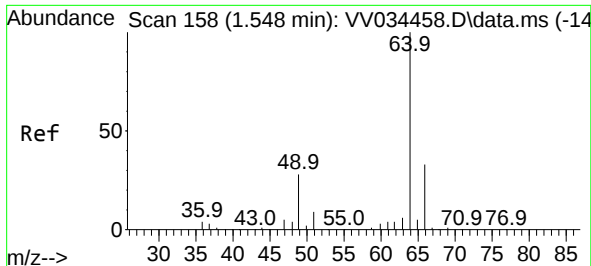
Tgt Ion: 62 Resp: 3141
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.4 43.4



#6
 Bromomethane
 Concen: 0.288 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. -0.000 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

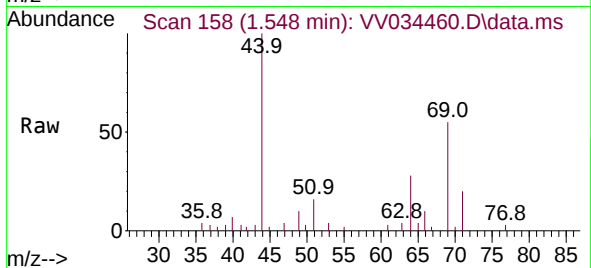
Tgt Ion: 94 Resp: 1783
 Ion Ratio Lower Upper
 94 100
 96 90.5 65.5 121.7



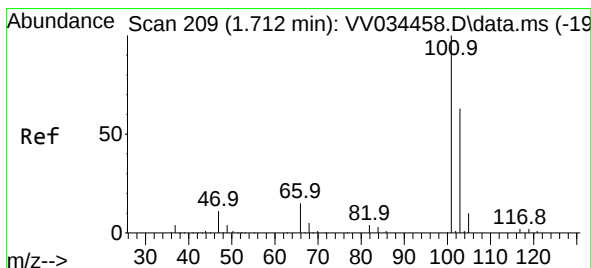
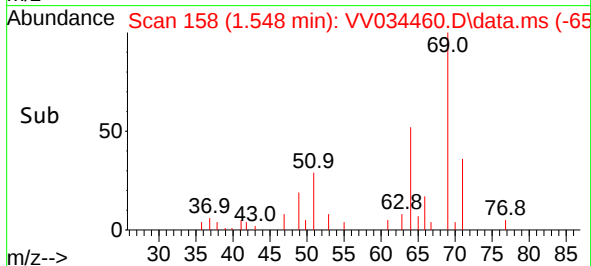
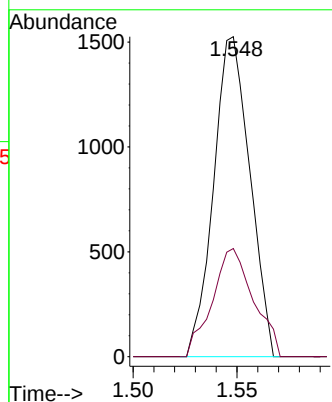


#8
Chloroethane
Concen: 0.239 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

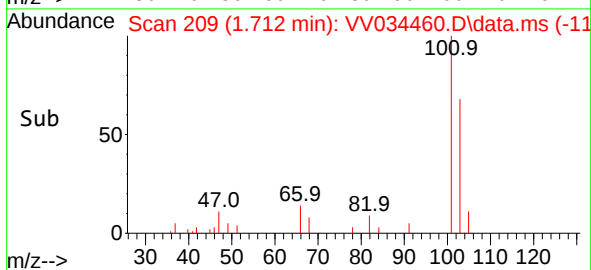
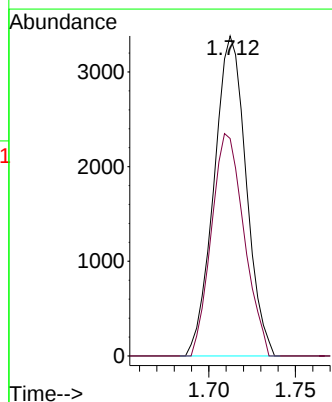
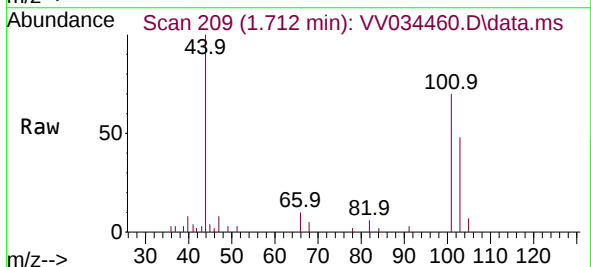


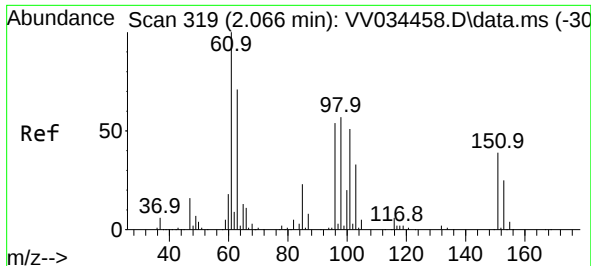
Tgt Ion: 64 Resp: 1848
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.246 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:101 Resp: 4368
Ion Ratio Lower Upper
101 100
103 70.3 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.283 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

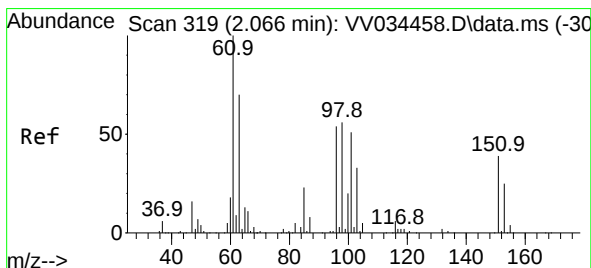
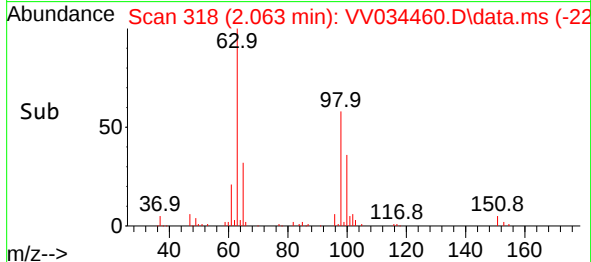
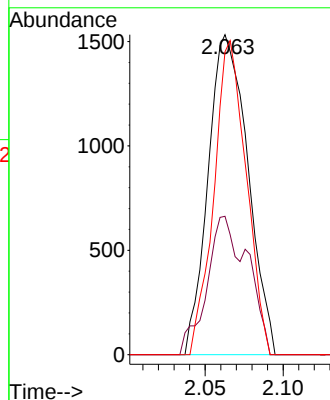
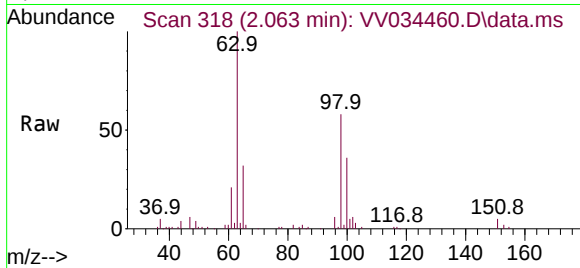
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:101 Resp: 2711

Ion	Ratio	Lower	Upper
101	100		
85	32.7	37.9	56.9#
151	80.1	61.8	92.6



#12

1,1-Dichloroethene

Concen: 0.287 ug/L

RT: 2.066 min Scan# 319

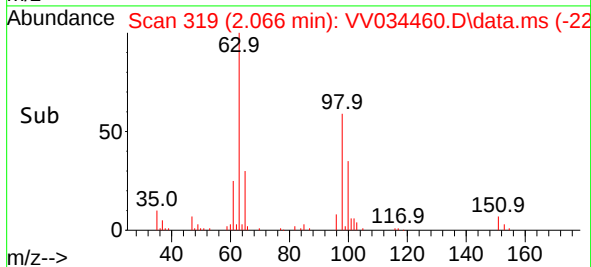
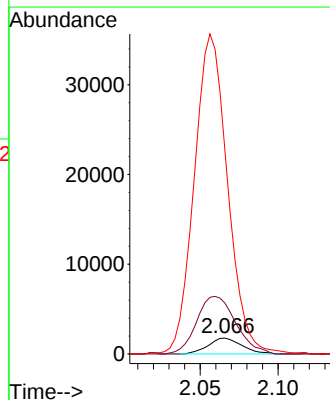
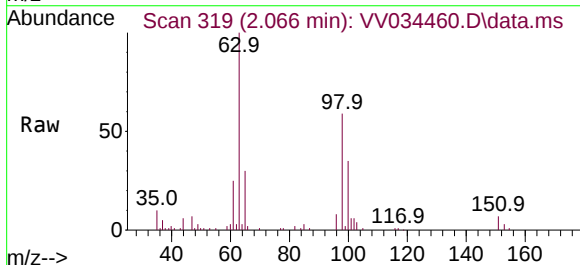
Delta R.T. -0.000 min

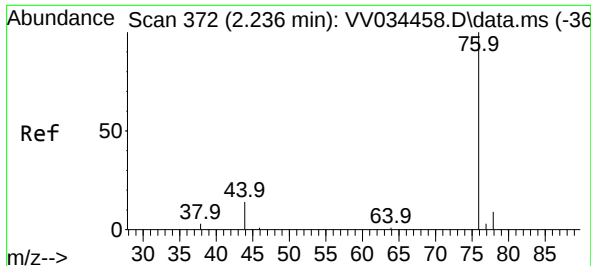
Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Tgt Ion: 96 Resp: 2649

Ion	Ratio	Lower	Upper
96	100		
61	320.4	131.3	243.8#
63	1280.3	102.8	191.0#





#14

Carbon disulfide

Concen: 0.253 ug/L

RT: 2.240 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

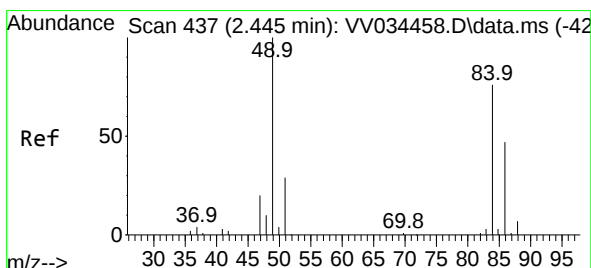
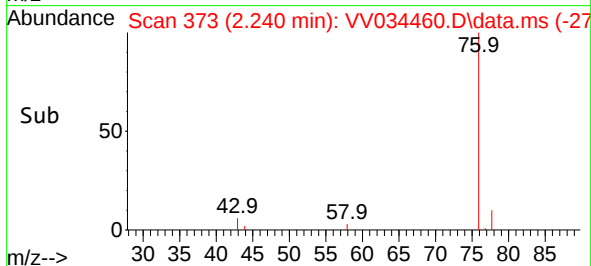
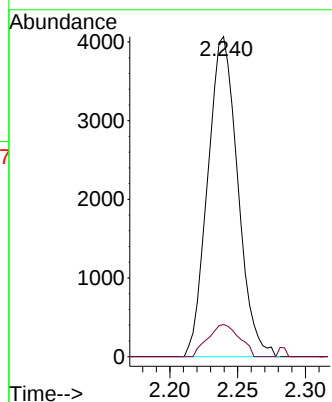
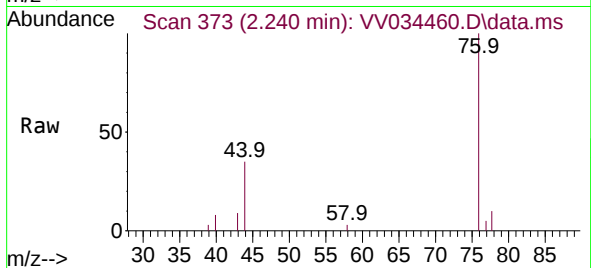
ClientSampleId :

Tgt Ion: 76 Resp: 6263

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.4



#16

Methylene chloride

Concen: 0.302 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

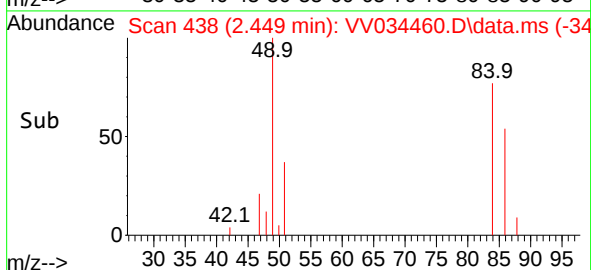
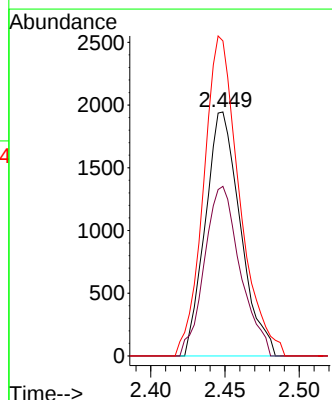
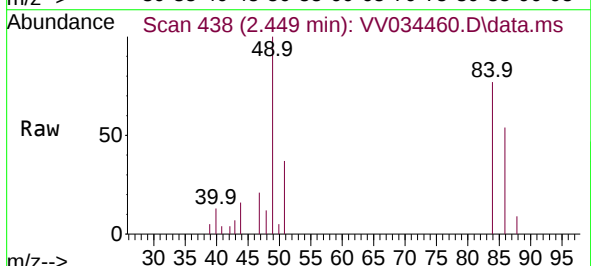
Tgt Ion: 84 Resp: 3184

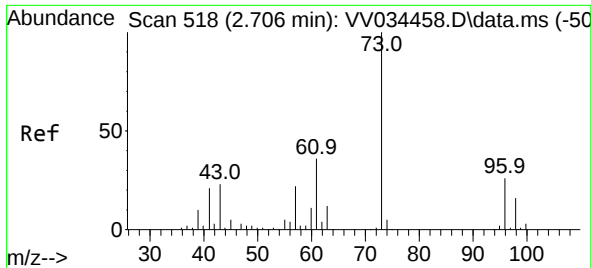
Ion Ratio Lower Upper

84 100

86 69.5 43.8 81.4

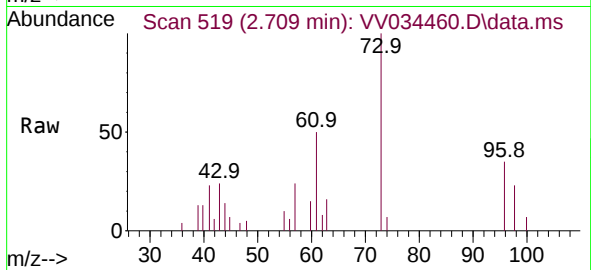
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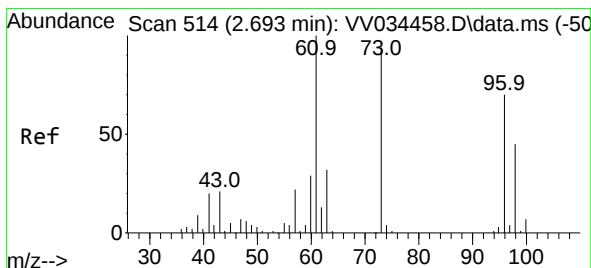
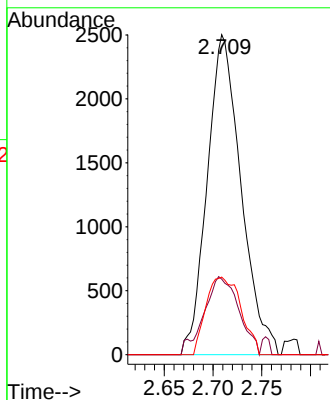
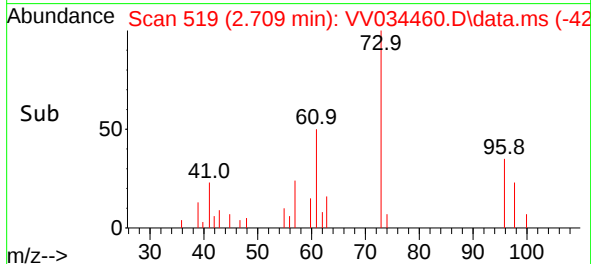


#17
Methyl tert-butyl Ether
Concen: 0.251 ug/L
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

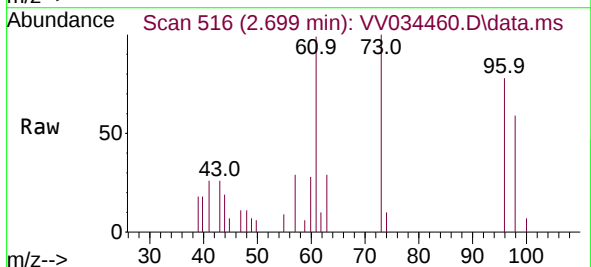
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ClientSampleId :



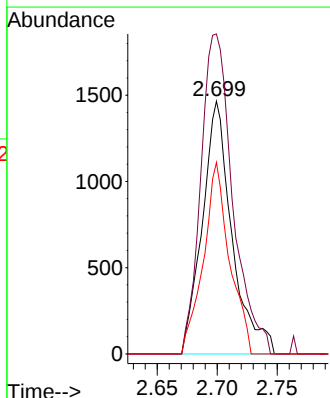
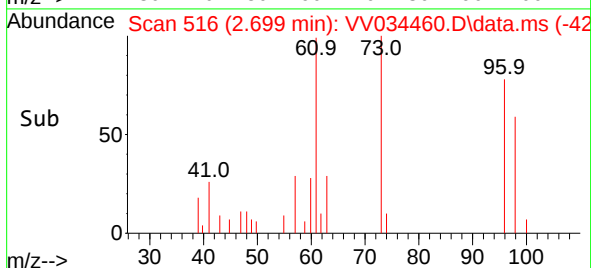
Tgt Ion: 73	Resp: 6035
Ion Ratio	Lower Upper
73 100	
43 25.1	18.0 27.0
57 25.0	17.0 25.6

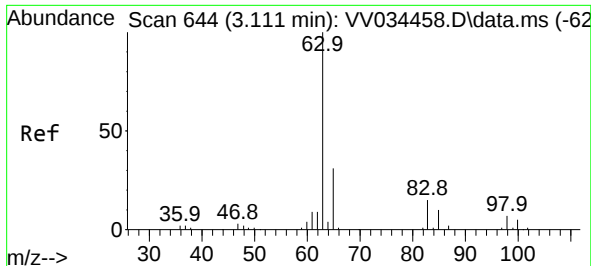


#18
trans-1,2-Dichloroethene
Concen: 0.269 ug/L
RT: 2.699 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41



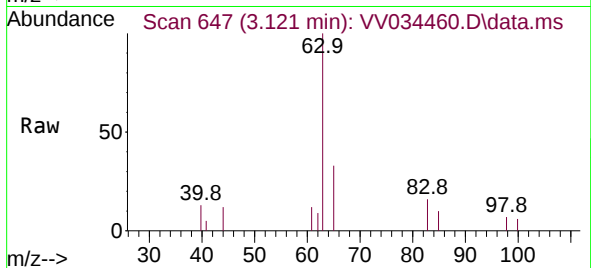
Tgt Ion: 96	Resp: 2524		
Ion Ratio	Lower	Upper	
96	100		
61	126.6	101.3	188.1
98	75.8	43.5	80.7





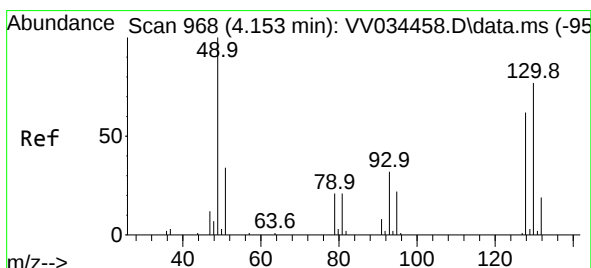
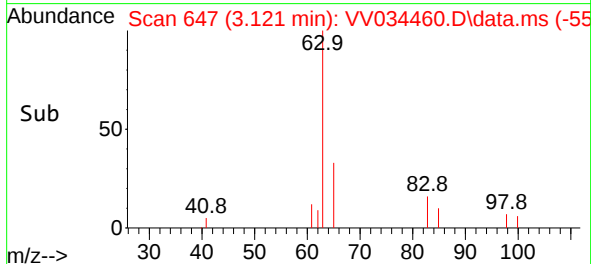
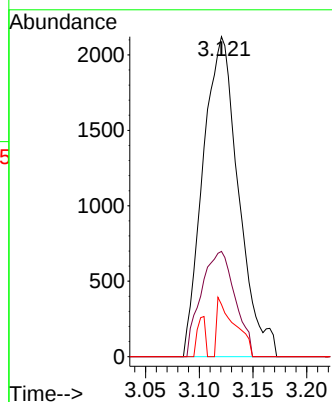
#19
1,1-Dichloroethane
Concen: 0.269 ug/L
RT: 3.121 min Scan# 64
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 4868

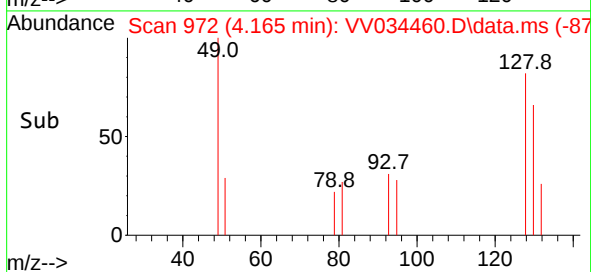
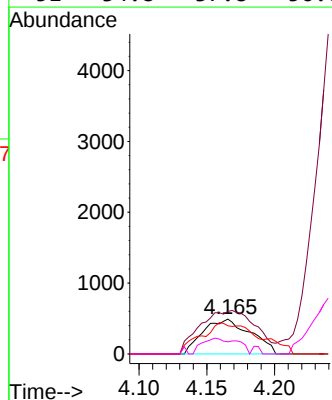
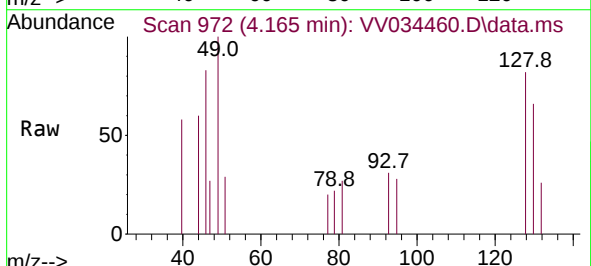
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	41.0
83	16.3	10.1	18.9

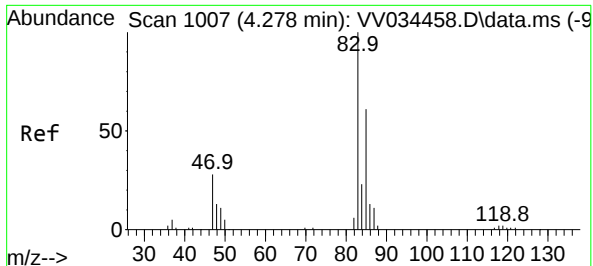


#23
Bromochloromethane
Concen: 0.278 ug/L
RT: 4.165 min Scan# 972
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 128 Resp: 1197

Ion	Ratio	Lower	Upper
128	100		
49	122.0	109.9	204.1
130	80.9	87.7	162.9#
51	34.8	37.8	56.6#





#25

Chloroform

Concen: 0.289 ug/L

RT: 4.281 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

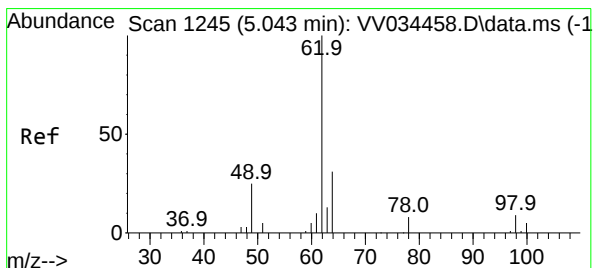
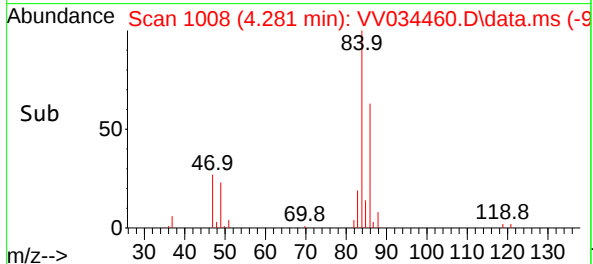
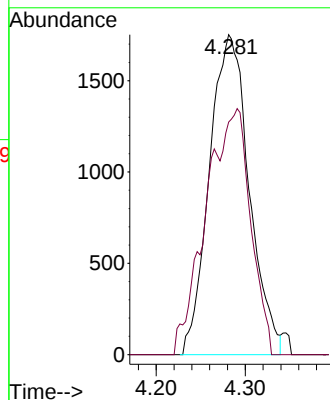
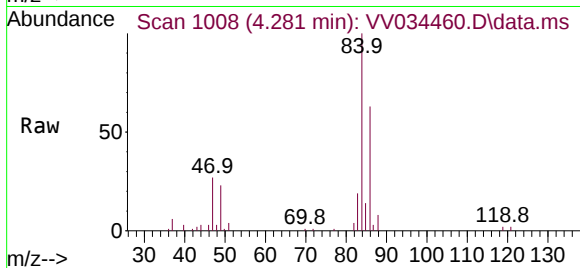
ClientSampleId :

Tgt Ion: 83 Resp: 5431

Ion Ratio Lower Upper

83 100

85 72.7 47.0 87.4



#27

1,2-Dichloroethane

Concen: 0.266 ug/L

RT: 5.066 min Scan# 1252

Delta R.T. 0.022 min

Lab File: VV034460.D

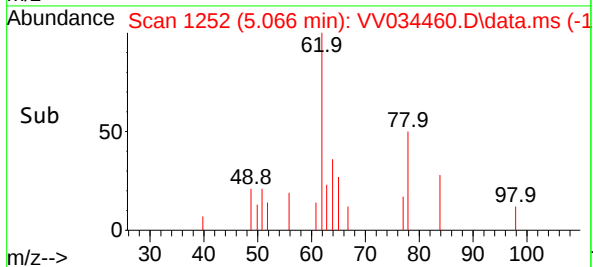
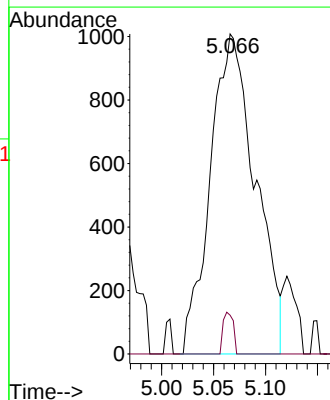
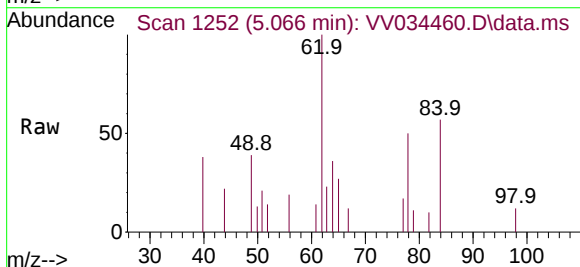
Acq: 28 Feb 2024 10:41

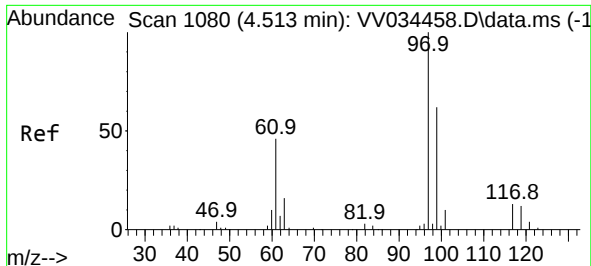
Tgt Ion: 62 Resp: 3043

Ion Ratio Lower Upper

62 100

98 12.1 7.0 10.6#





#29

1,1,1-Trichloroethane

Concen: 0.236 ug/L

RT: 4.513 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

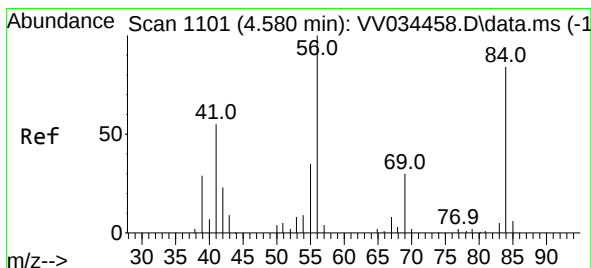
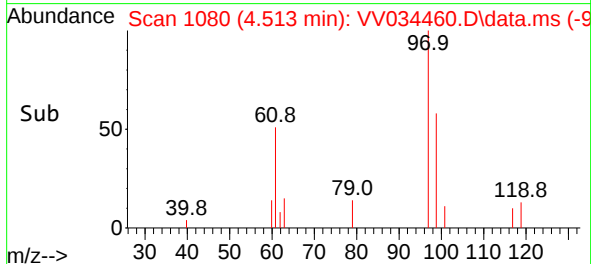
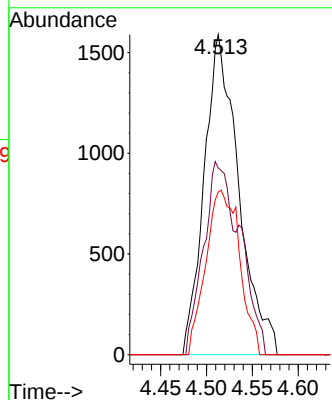
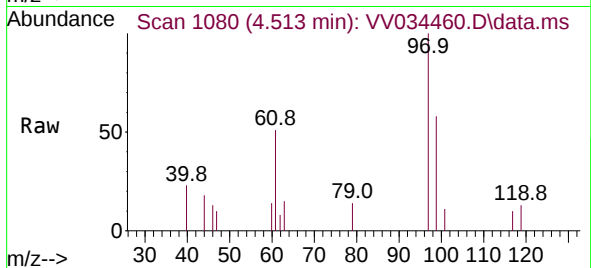
Tgt Ion: 97 Resp: 4165

Ion Ratio Lower Upper

97 100

99 49.0 51.2 76.8#

61 50.3 36.1 54.1



#30

Cyclohexane

Concen: 0.230 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

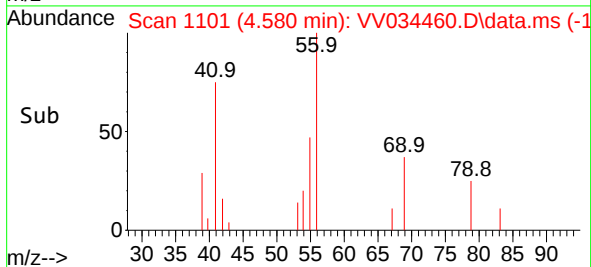
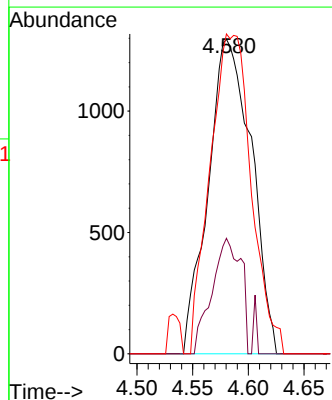
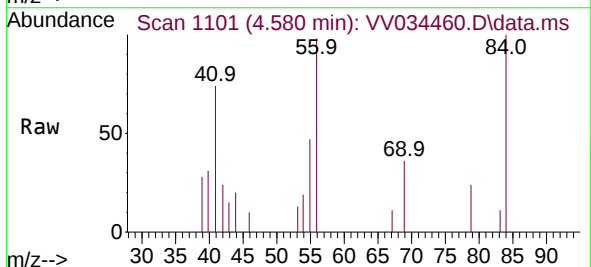
Tgt Ion: 56 Resp: 3498

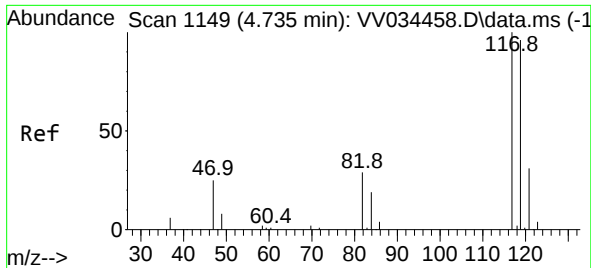
Ion Ratio Lower Upper

56 100

69 24.8 24.5 36.7

84 96.9 70.3 105.5

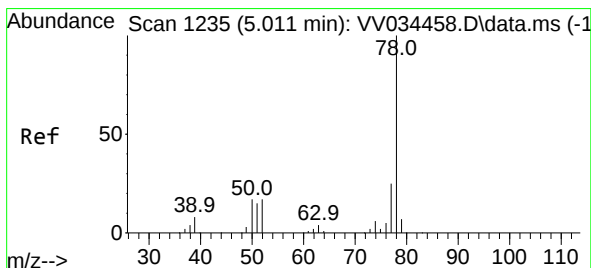
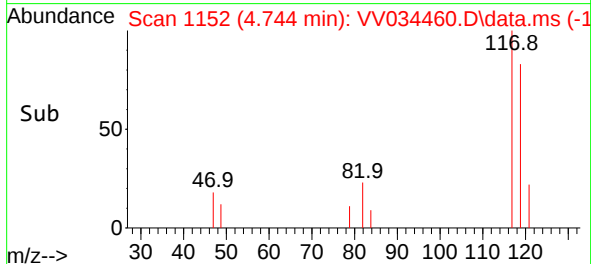
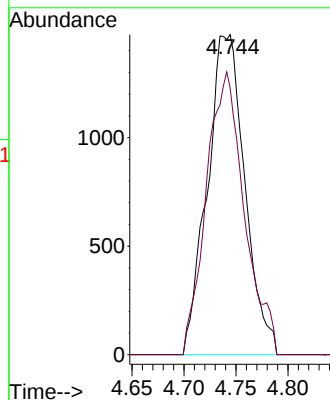
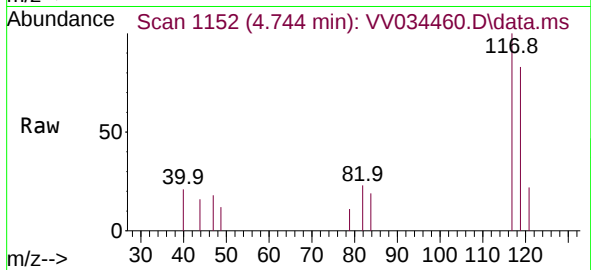




#31
Carbon tetrachloride
Concen: 0.241 ug/L
RT: 4.744 min Scan# 1149
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

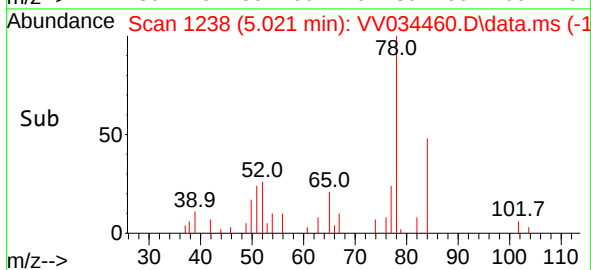
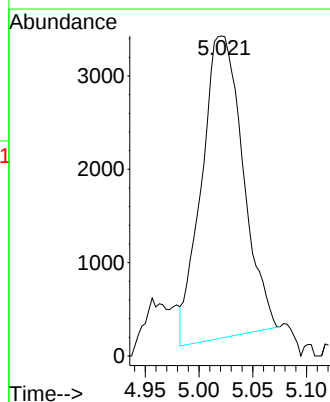
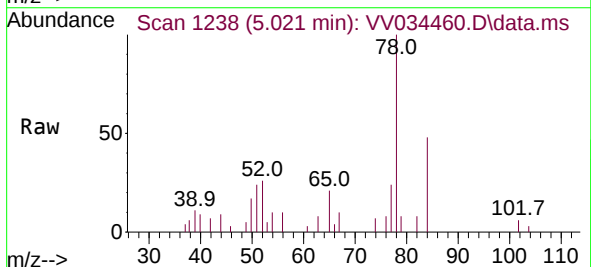
Instrument :
MSVOA_V
ClientSampleId :

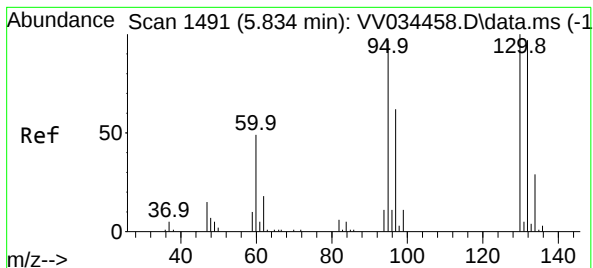
Tgt Ion:117 Resp: 3700
Ion Ratio Lower Upper
117 100
119 89.5 77.0 115.6



#33
Benzene
Concen: 0.222 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 78 Resp: 8673





#34

Trichloroethene

Concen: 0.217 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2213

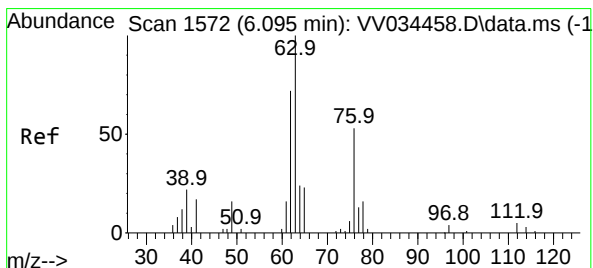
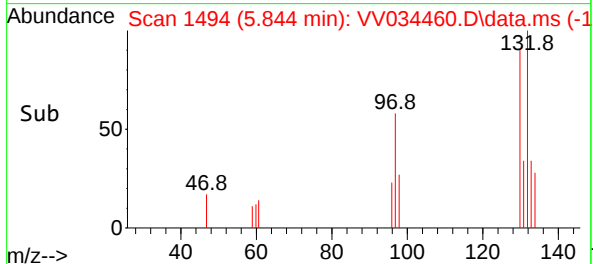
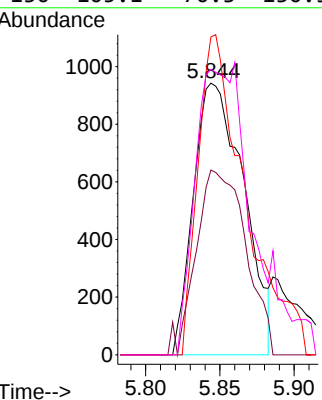
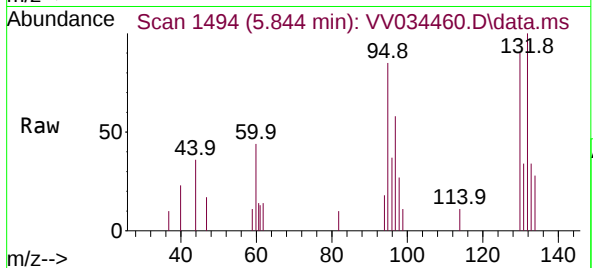
Ion Ratio Lower Upper

95 100

97 68.0 43.3 80.5

132 117.0 67.8 126.0

130 105.1 70.3 130.5



#37

1,2-Dichloropropane

Concen: 0.270 ug/L

RT: 6.108 min Scan# 1576

Delta R.T. 0.013 min

Lab File: VV034460.D

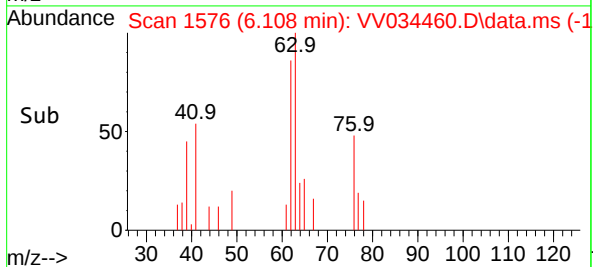
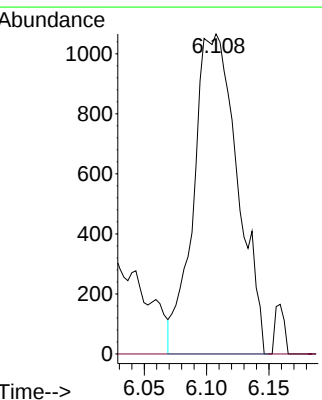
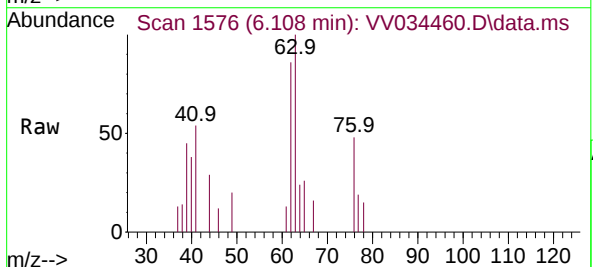
Acq: 28 Feb 2024 10:41

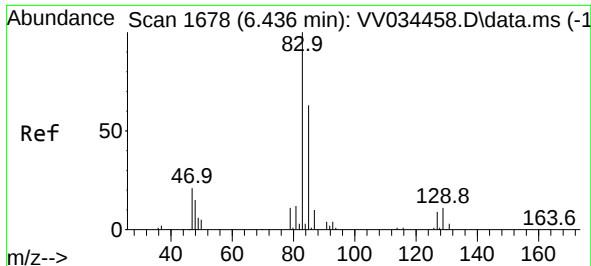
Tgt Ion: 63 Resp: 2608

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#

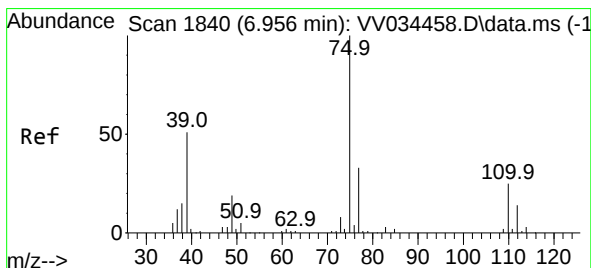
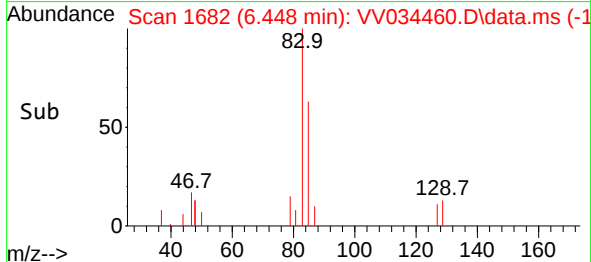
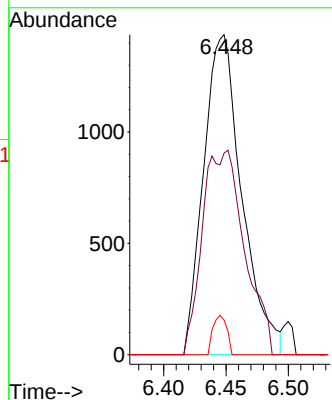
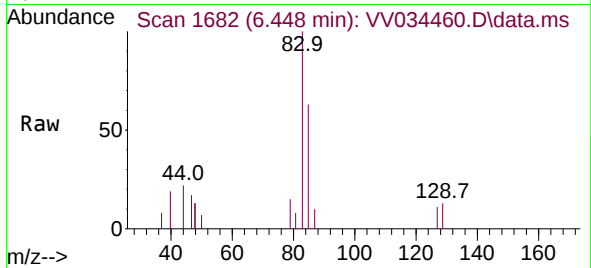




#38
Bromodichloromethane
Concen: 0.233 ug/L
RT: 6.448 min Scan# 1
Delta R.T. 0.013 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

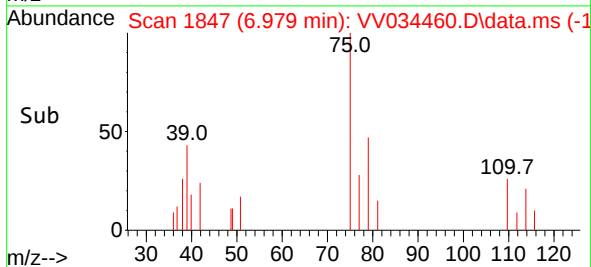
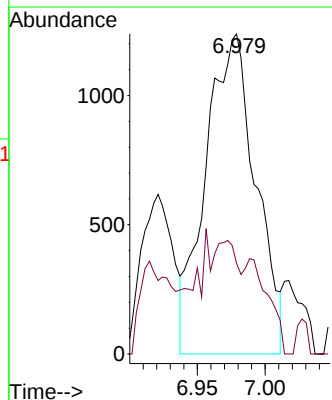
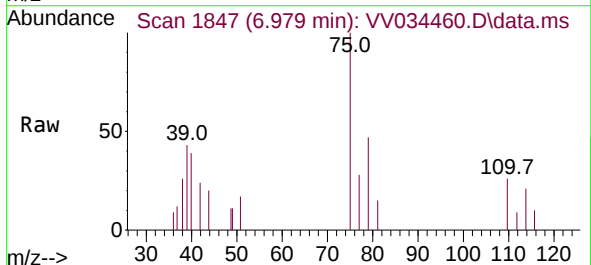
Instrument :
MSVOA_V
ClientSampleId :

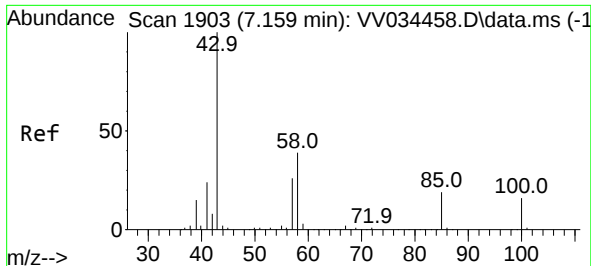
Tgt Ion: 83 Resp: 3071
Ion Ratio Lower Upper
83 100
85 63.0 45.4 84.2
127 10.9 6.8 10.2#



#39
cis-1,3-Dichloropropene
Concen: 0.238 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. 0.022 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
77 28.4 21.5 39.9





#40

4-Methyl-2-pentanone

Concen: 2.188 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

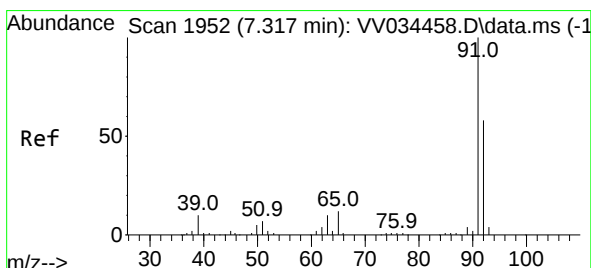
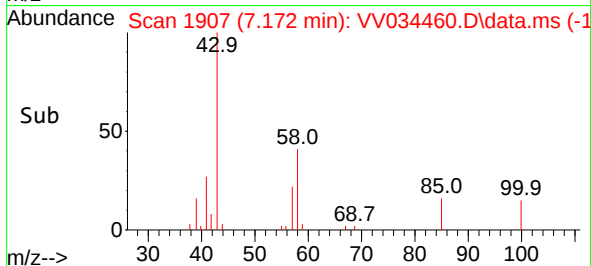
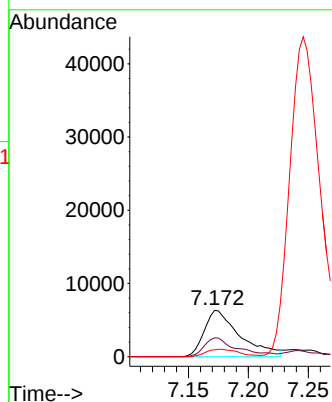
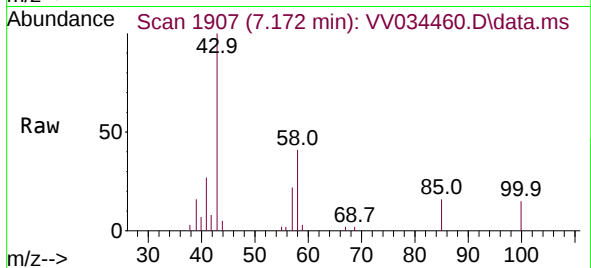
Tgt Ion: 43 Resp: 13081

Ion Ratio Lower Upper

43 100

58 38.0 30.7 46.1

100 0.0 12.3 18.5#



#42

Toluene

Concen: 0.244 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV034460.D

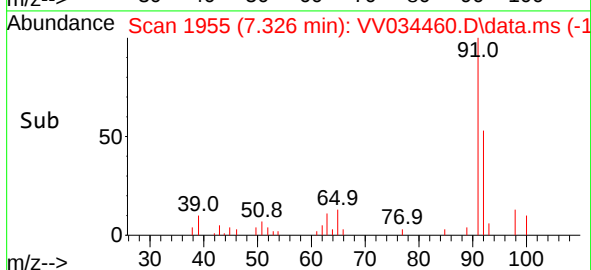
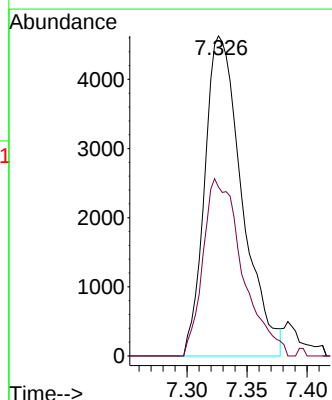
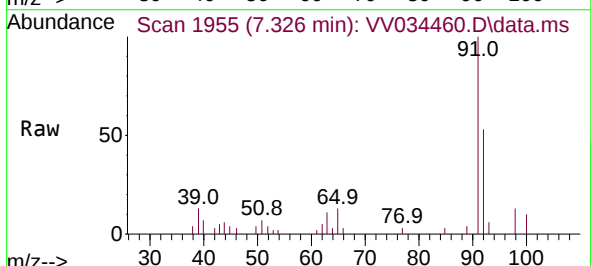
Acq: 28 Feb 2024 10:41

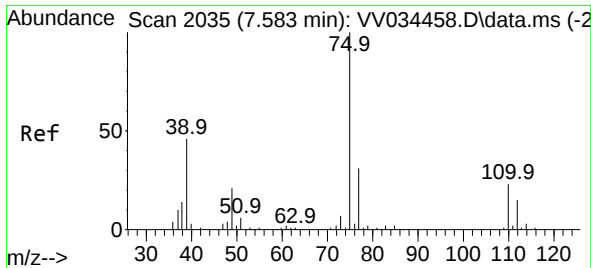
Tgt Ion: 91 Resp: 10017

Ion Ratio Lower Upper

91 100

92 52.8 40.5 75.3

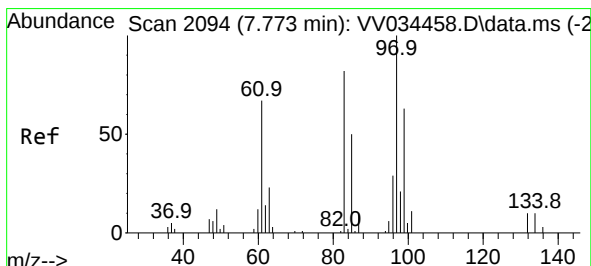
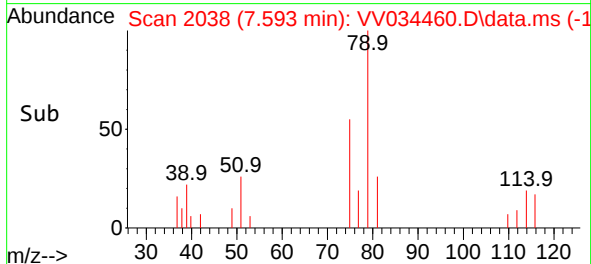
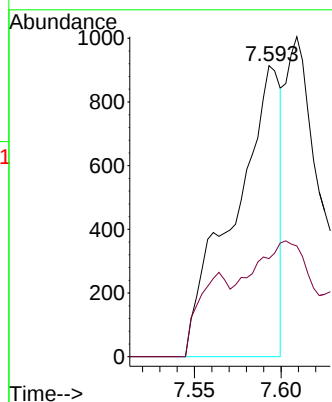
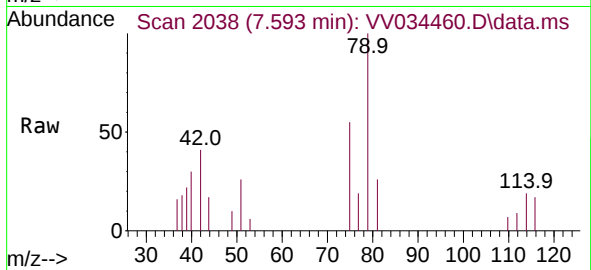




#44
trans-1,3-Dichloropropene
Concen: 0.156 ug/L
RT: 7.593 min Scan# 2038
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

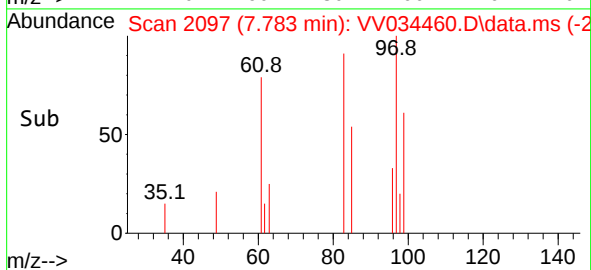
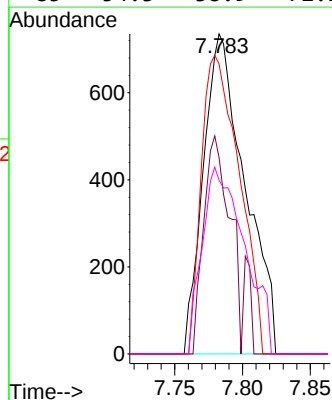
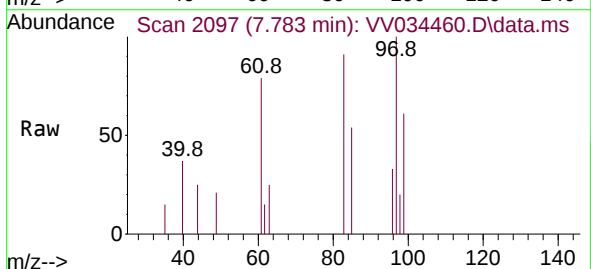
Instrument :
MSVOA_V
ClientSampleId :

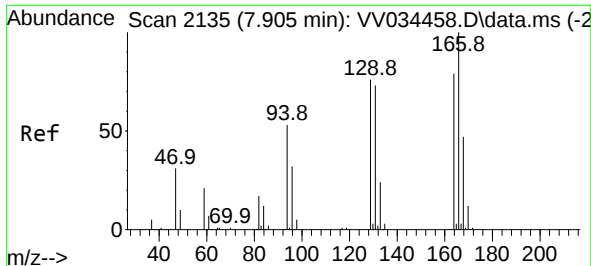
Tgt Ion: 75 Resp: 1695
Ion Ratio Lower Upper
75 100
77 33.7 22.7 42.1



#45
1,1,2-Trichloroethane
Concen: 0.238 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 97 Resp: 1567
Ion Ratio Lower Upper
97 100
99 61.4 43.3 80.5
83 90.6 57.9 107.5
85 54.3 38.9 72.2





#47

Tetrachloroethene

Concen: 0.276 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

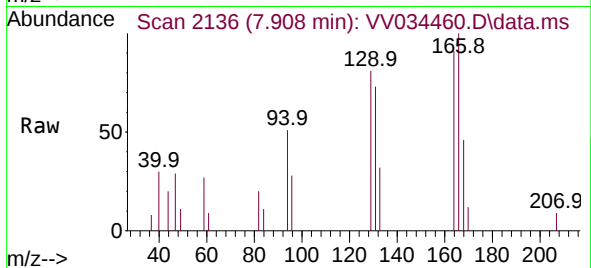
Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2207

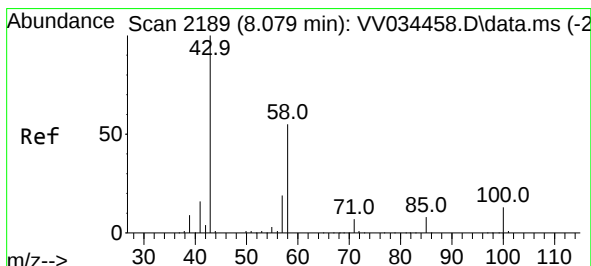
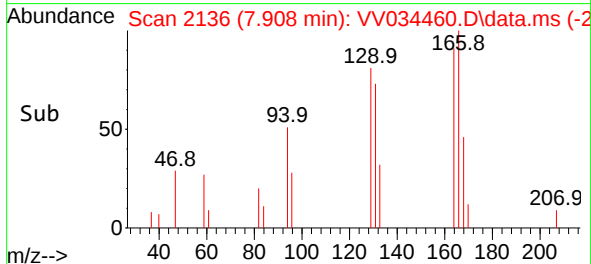
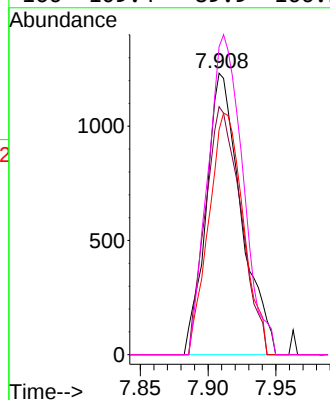
Ion Ratio Lower Upper

164 100

129 88.1 64.2 119.2

131 80.0 65.9 122.3

166 109.4 89.9 166.9



#48

2-Hexanone

Concen: 2.792 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.013 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Tgt Ion: 43 Resp: 11888

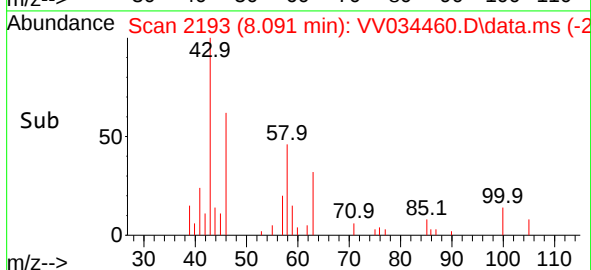
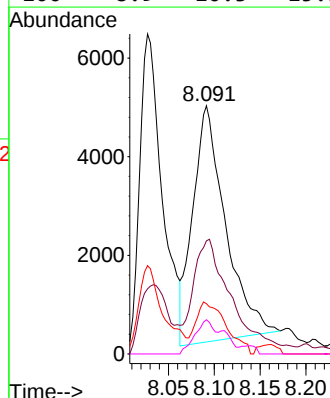
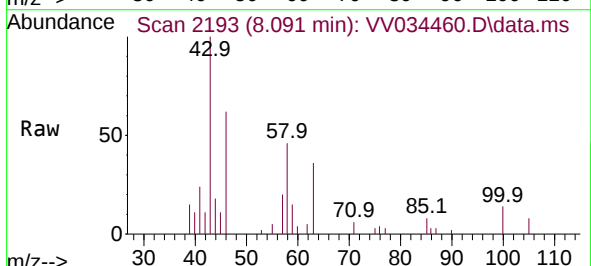
Ion Ratio Lower Upper

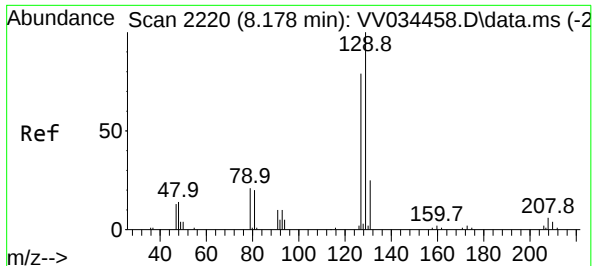
43 100

58 52.5 43.4 65.0

57 20.3 15.5 23.3

100 8.9 10.3 15.5#





#49

Dibromochloromethane

Concen: 0.216 ug/L

RT: 8.181 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

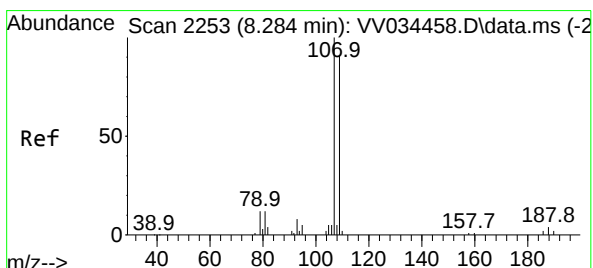
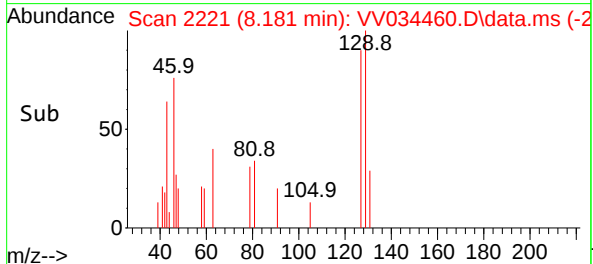
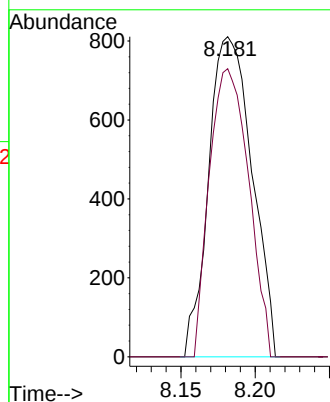
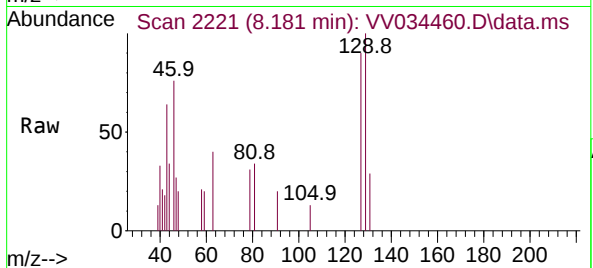
ClientSampleId :

Tgt Ion:129 Resp: 1649

Ion Ratio Lower Upper

129 100

127 90.0 54.0 100.4



#50

1,2-Dibromoethane

Concen: 0.256 ug/L

RT: 8.297 min Scan# 2257

Delta R.T. 0.013 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

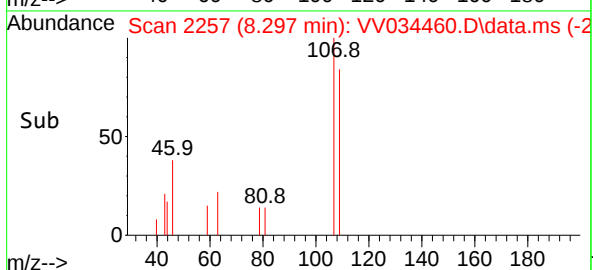
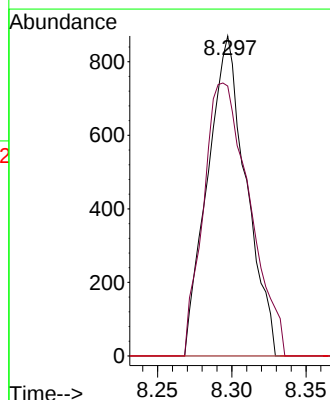
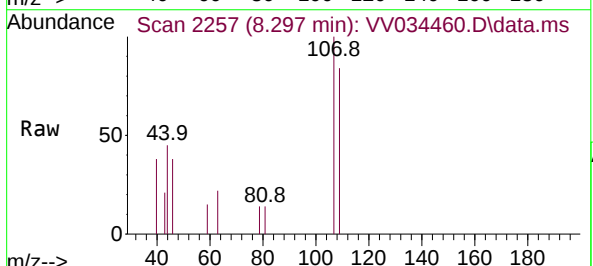
Tgt Ion:107 Resp: 1572

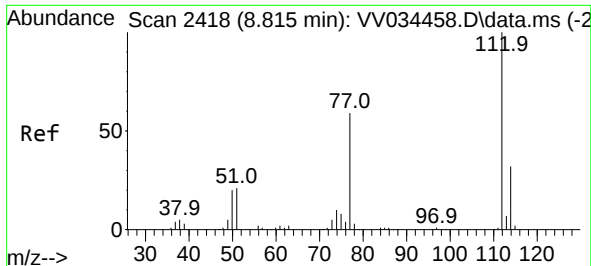
Ion Ratio Lower Upper

107 100

109 84.4 63.8 118.4

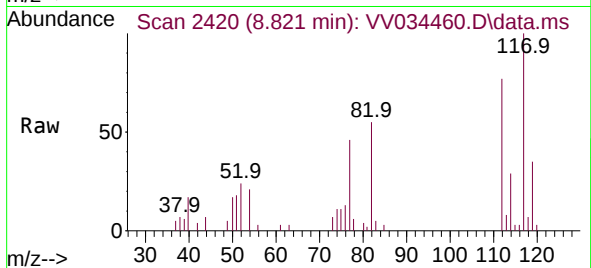
188 0.0 3.1 4.7#



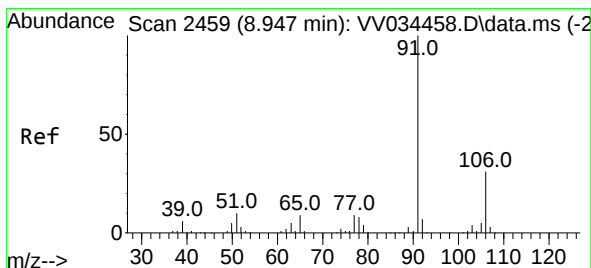
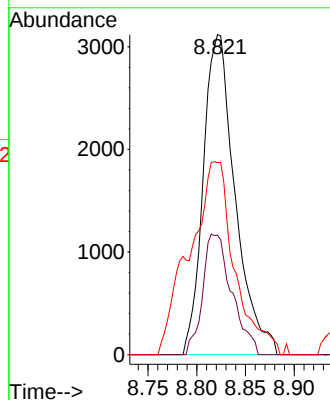
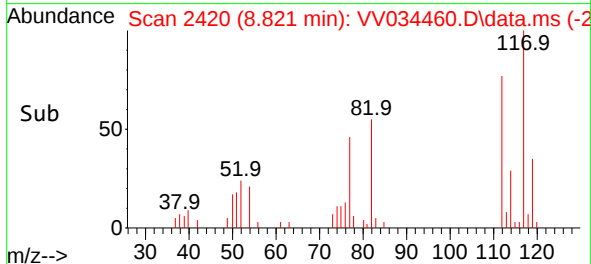


#51
Chlorobenzene
Concen: 0.266 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Instrument :
MSVOA_V
ClientSampleId :

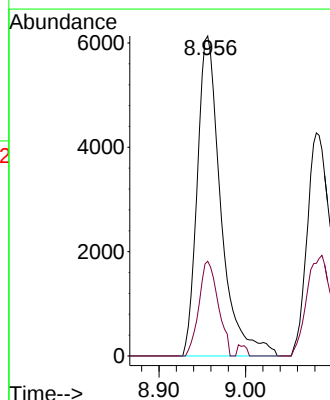
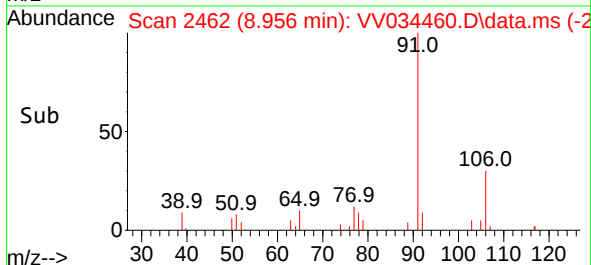
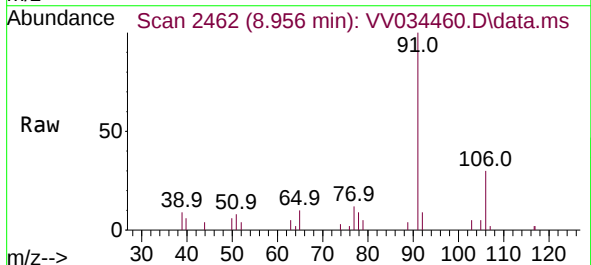


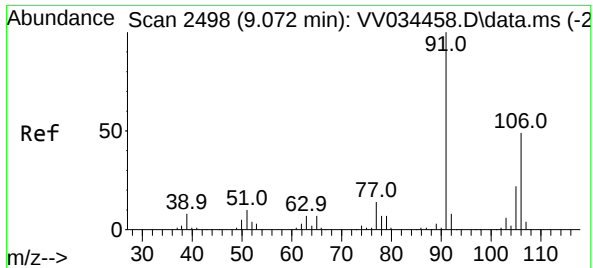
Tgt Ion:112 Resp: 7098
Ion Ratio Lower Upper
112 100
114 37.4 22.5 41.9
77 68.5 45.4 68.2#



#52
Ethylbenzene
Concen: 0.251 ug/L
RT: 8.956 min Scan# 2462
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 91 Resp: 11606
Ion Ratio Lower Upper
91 100
106 29.6 21.4 39.8

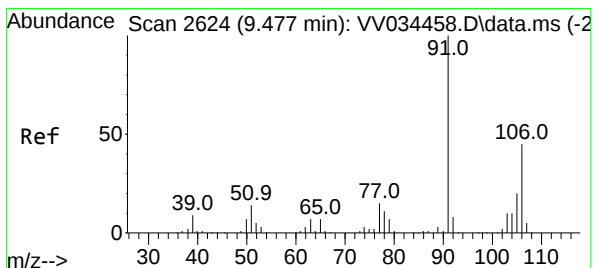
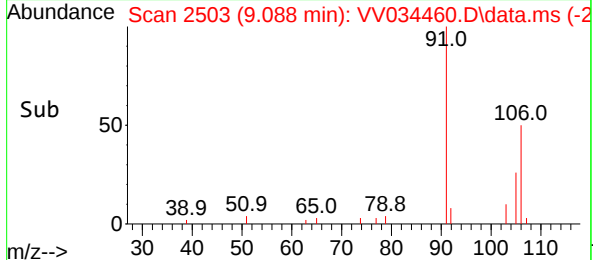
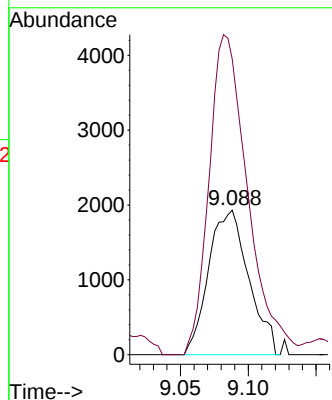
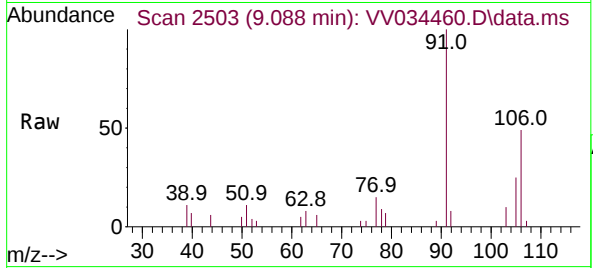




#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.088 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

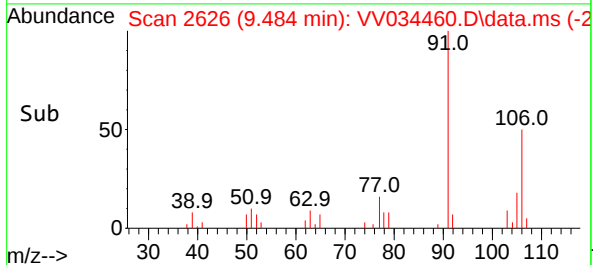
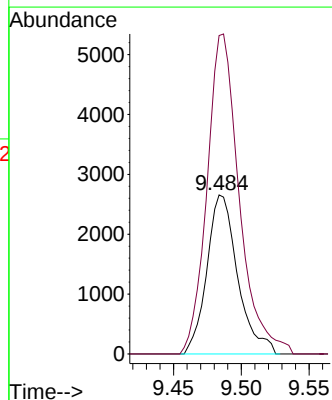
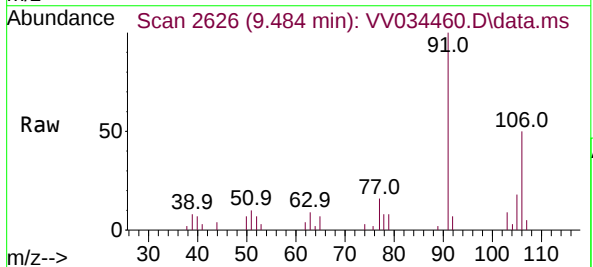
Instrument :
MSVOA_V
ClientSampleId :

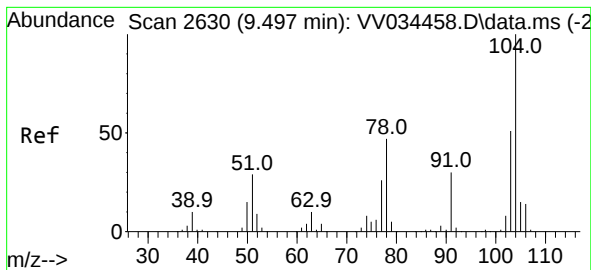
Tgt Ion:106 Resp: 3975
Ion Ratio Lower Upper
106 100
91 204.9 148.5 275.9



#54
o-Xylene
Concen: 0.244 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:106 Resp: 4195
Ion Ratio Lower Upper
106 100
91 200.2 155.8 289.3





#55

Styrene

Concen: 0.229 ug/L

RT: 9.509 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

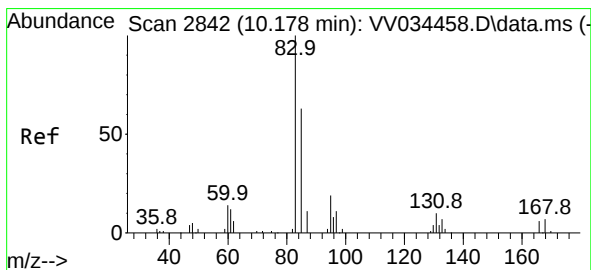
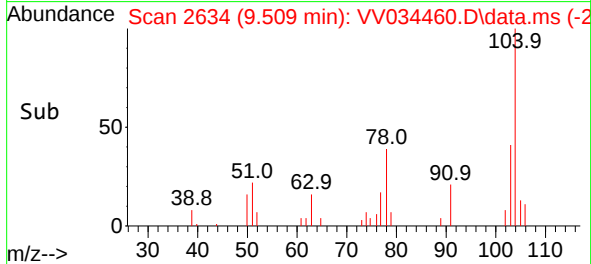
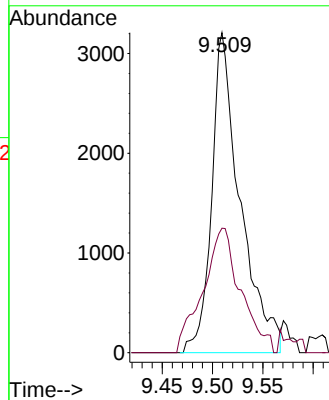
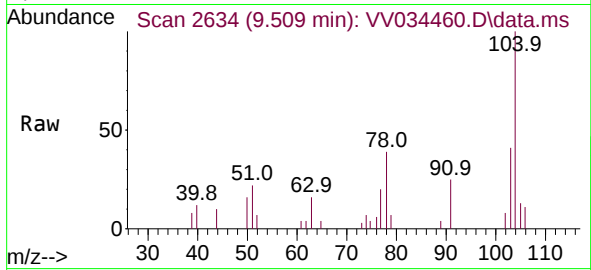
ClientSampleId :

Tgt Ion:104 Resp: 6317

Ion Ratio Lower Upper

104 100

78 38.9 32.9 61.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.268 ug/L

RT: 10.181 min Scan# 2843

Delta R.T. 0.003 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

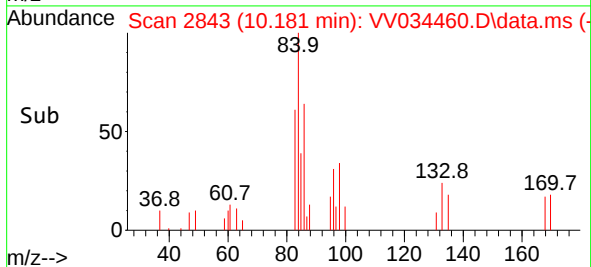
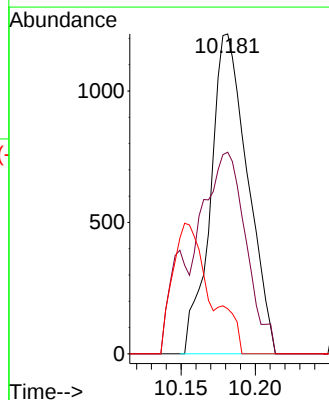
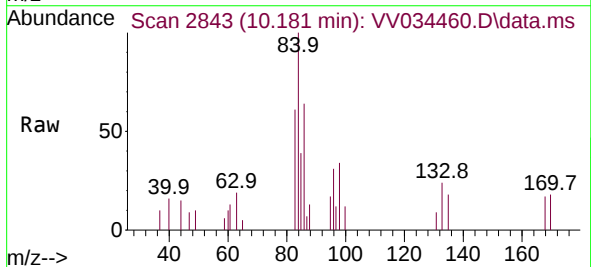
Tgt Ion: 83 Resp: 2111

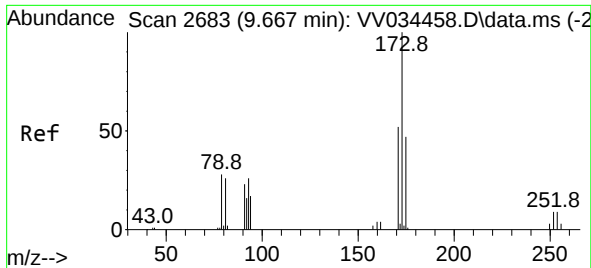
Ion Ratio Lower Upper

83 100

85 63.0 46.7 86.7

131 14.1 8.6 12.8#





#59

Bromoform

Concen: 0.177 ug/L

RT: 9.680 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV034460.D

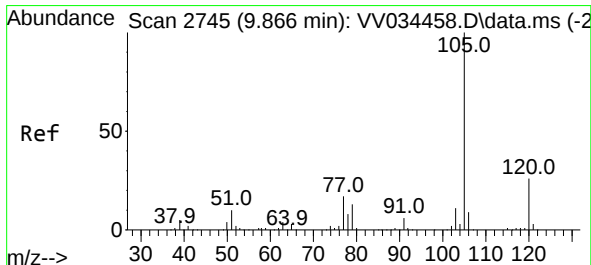
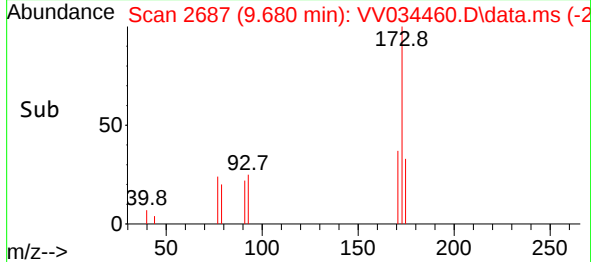
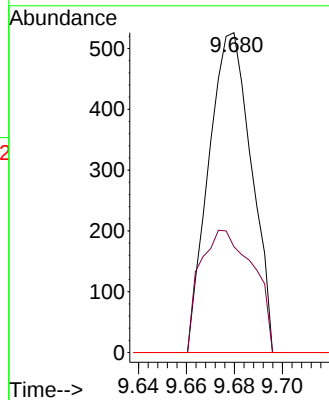
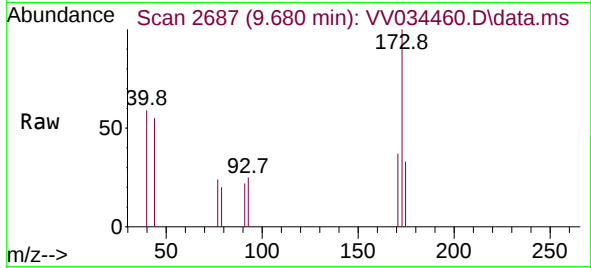
Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:173	Resp:	650
Ion	Ratio	Lower Upper
173	100	
175	47.4	38.9 58.3
254	0.0	7.8 11.6#



#60

Isopropylbenzene

Concen: 0.246 ug/L

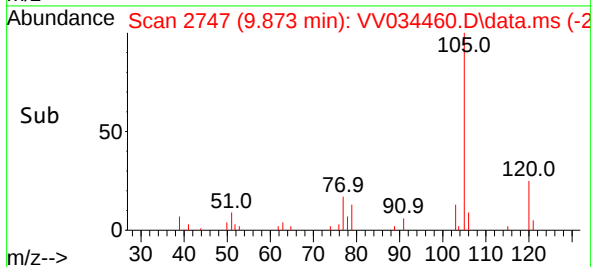
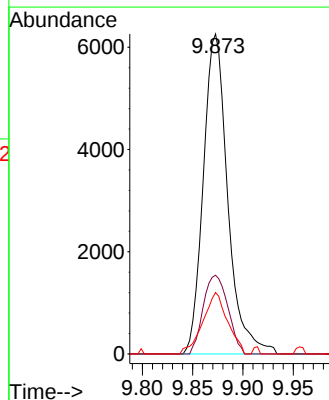
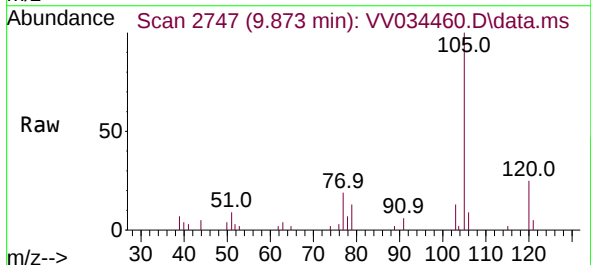
RT: 9.873 min Scan# 2747

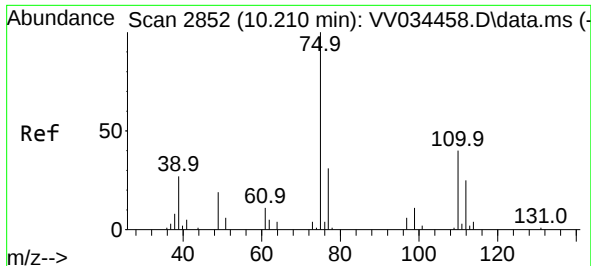
Delta R.T. 0.006 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Tgt Ion:105	Resp:	10592
Ion	Ratio	Lower Upper
105	100	
120	24.7	21.3 31.9
77	19.4	13.0 19.4

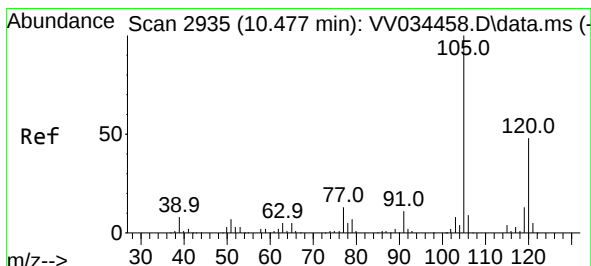
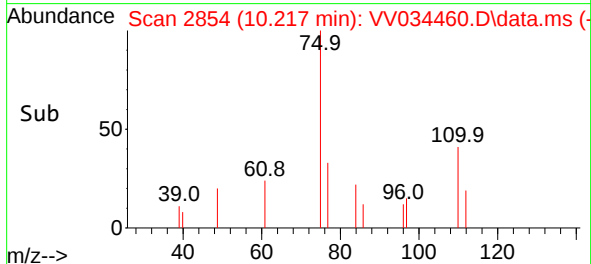
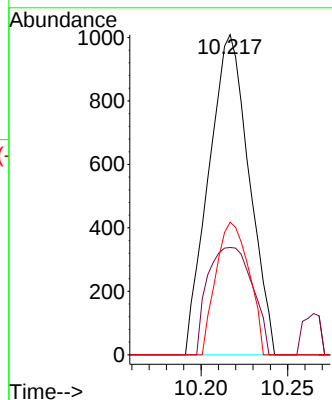
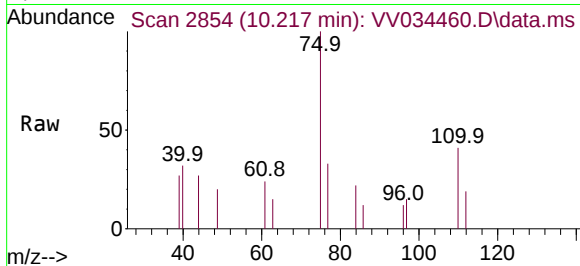




#61
 1,2,3-Trichloropropane
 Concen: 0.294 ug/L
 RT: 10.217 min Scan# 2854
 Delta R.T. 0.006 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

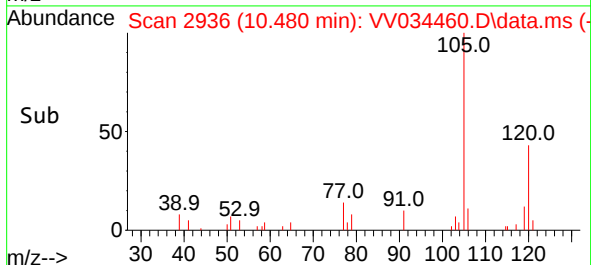
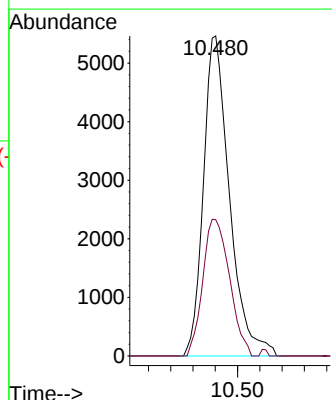
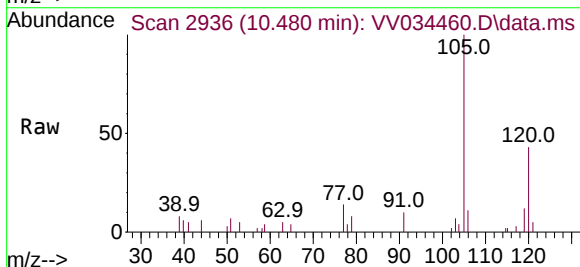
Instrument :
 MSVOA_V
 ClientSampleId :

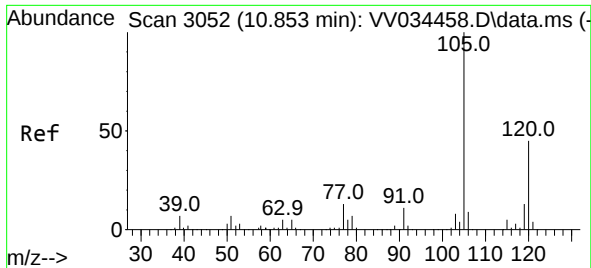
Tgt Ion: 75 Resp: 1633
 Ion Ratio Lower Upper
 75 100
 77 37.1 27.7 41.5
 110 33.8 32.0 48.0



#62
 1,3,5-Trimethylbenzene
 Concen: 0.235 ug/L
 RT: 10.480 min Scan# 2936
 Delta R.T. 0.003 min
 Lab File: VV034460.D
 Acq: 28 Feb 2024 10:41

Tgt Ion: 105 Resp: 8863
 Ion Ratio Lower Upper
 105 100
 120 43.8 38.7 58.1

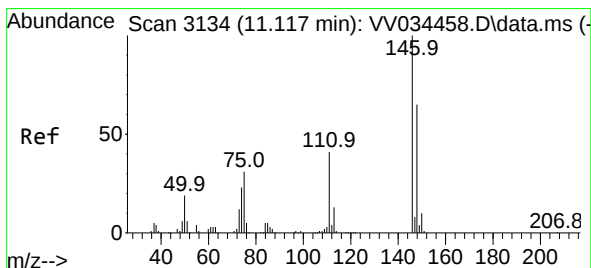
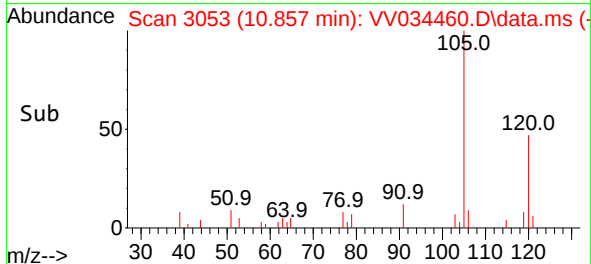
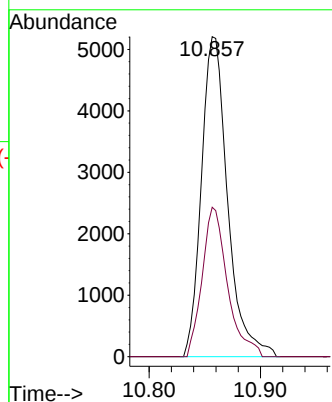
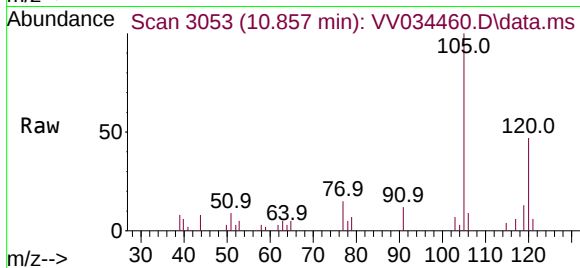




#63
1,2,4-Trimethylbenzene
Concen: 0.226 ug/L
RT: 10.857 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

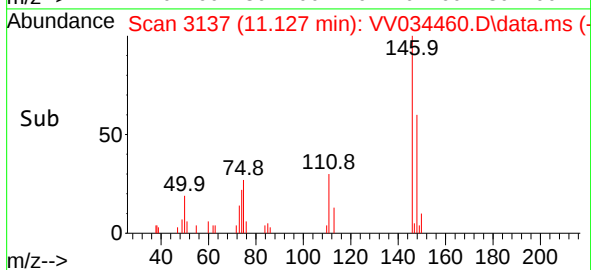
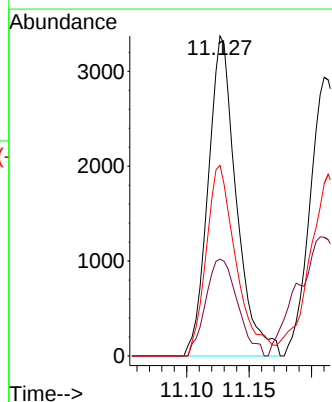
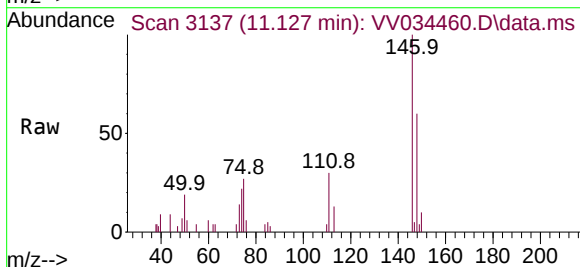
Instrument :
MSVOA_V
ClientSampleId :

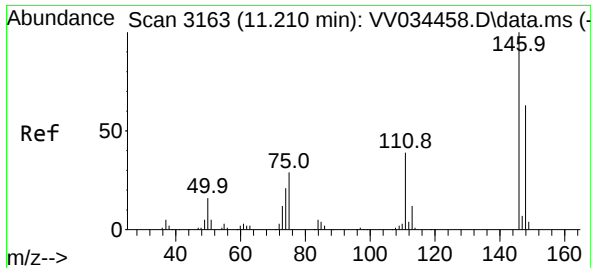
Tgt Ion:105 Resp: 8514
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 0.254 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:146 Resp: 5331
Ion Ratio Lower Upper
146 100
111 30.3 27.0 50.2
148 59.6 43.1 80.1

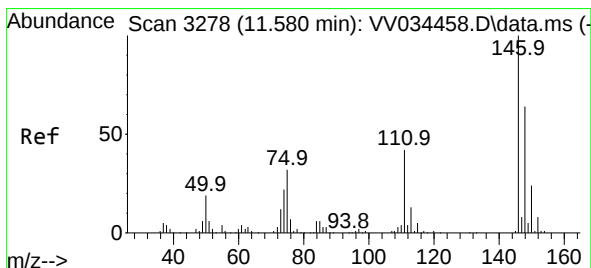
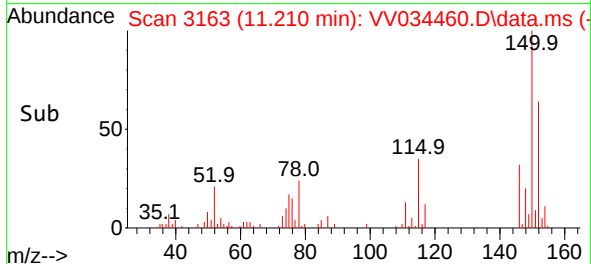
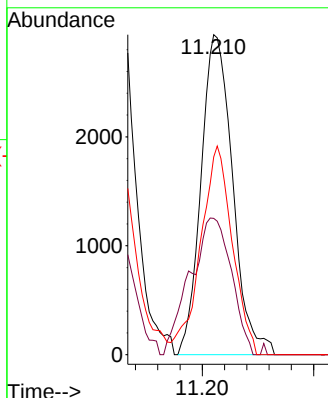
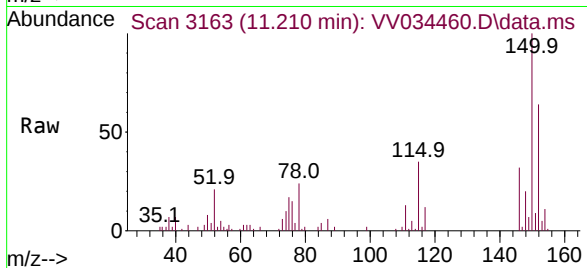




#65
1,4-Dichlorobenzene
Concen: 0.278 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

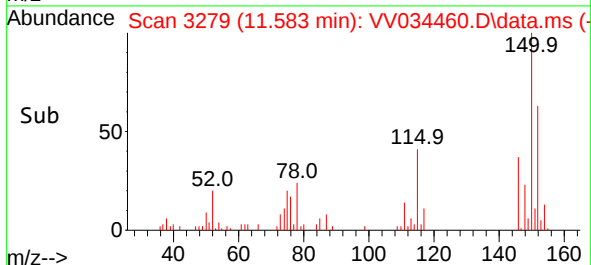
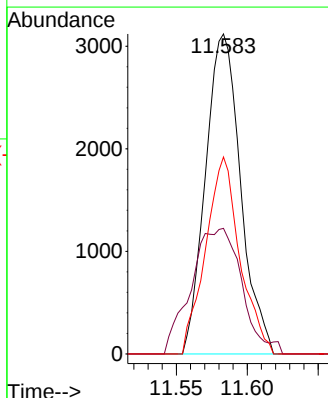
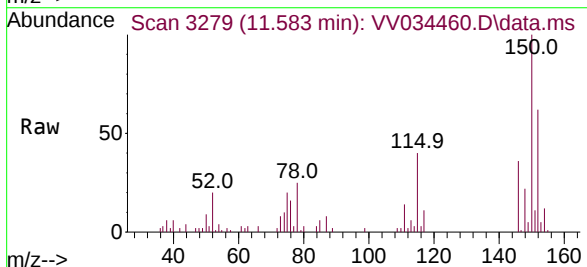
Instrument :
MSVOA_V
ClientSampleId :

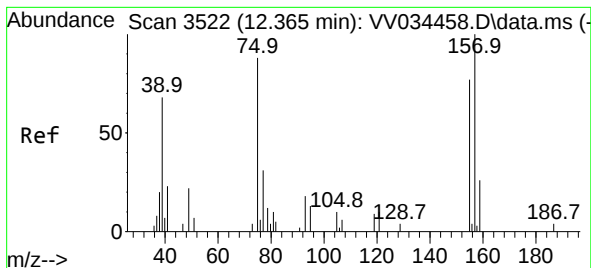
Tgt Ion:146 Resp: 5790
Ion Ratio Lower Upper
146 100
111 42.6 27.2 50.6
148 61.8 43.5 80.9



#67
1,2-Dichlorobenzene
Concen: 0.274 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion:146 Resp: 5373
Ion Ratio Lower Upper
146 100
111 39.2 32.2 48.4
148 61.6 49.7 74.5

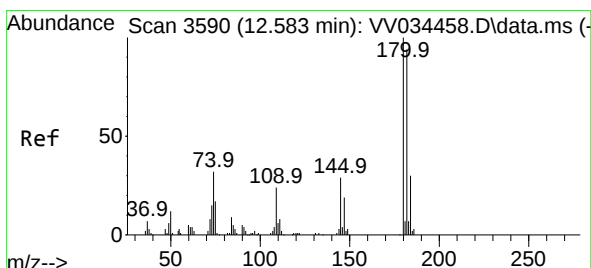
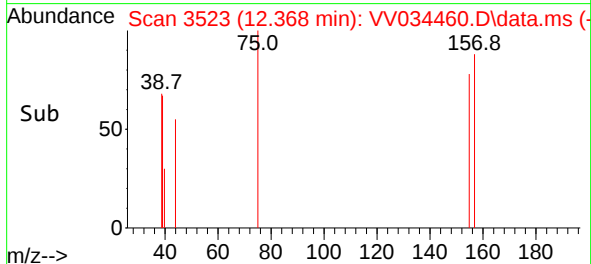
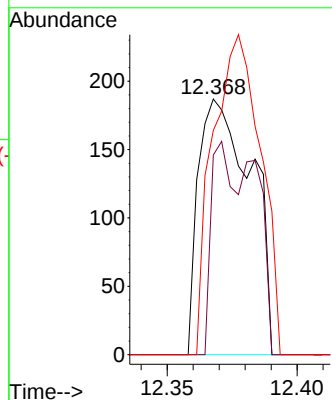
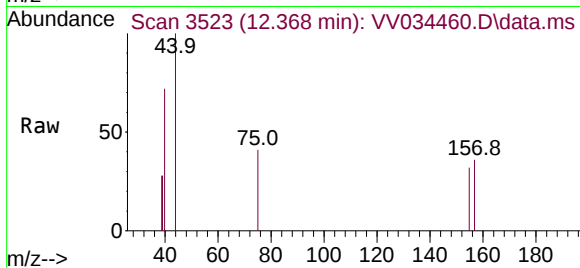




#68
1,2-Dibromo-3-chloropropane
Concen: 0.188 ug/L
RT: 12.368 min Scan# 3522
Delta R.T. 0.003 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

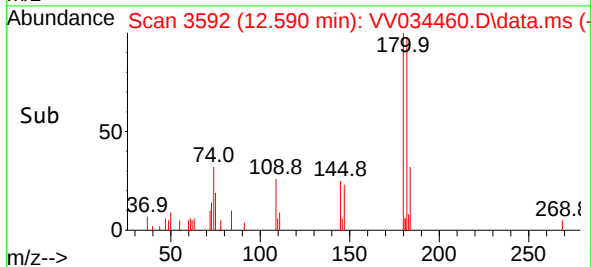
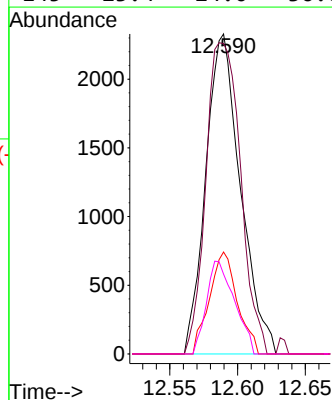
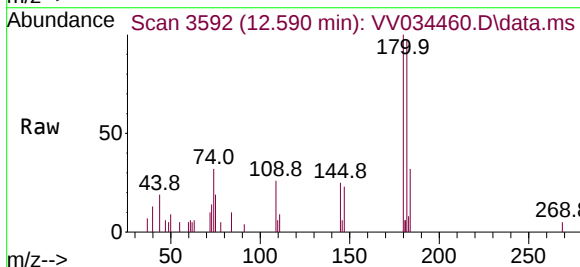
Instrument :
MSVOA_V
ClientSampleId :

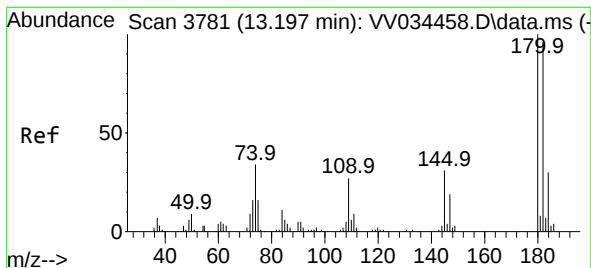
Tgt Ion: 75 Resp: 264
Ion Ratio Lower Upper
75 100
155 78.1 60.0 90.0
157 87.7 78.6 117.8



#69
1,3,5-Trichlorobenzene
Concen: 0.258 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.006 min
Lab File: VV034460.D
Acq: 28 Feb 2024 10:41

Tgt Ion: 180 Resp: 4141
Ion Ratio Lower Upper
180 100
182 97.3 77.8 116.6
184 25.8 23.8 35.8
145 23.4 24.0 36.0#





#70

1,2,4-trichlorobenzene

Concen: 0.270 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :

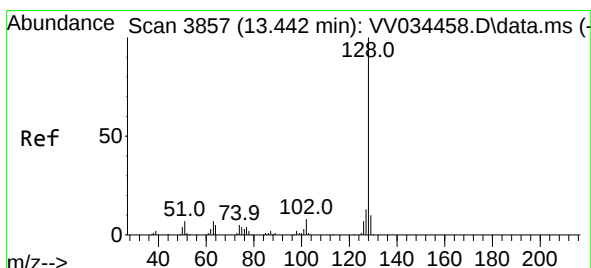
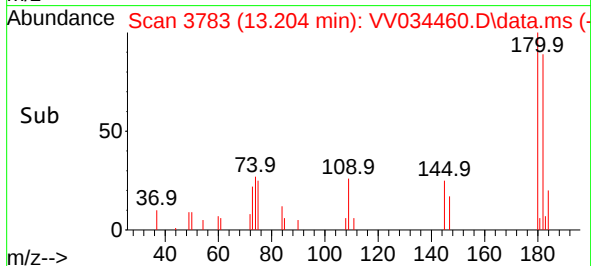
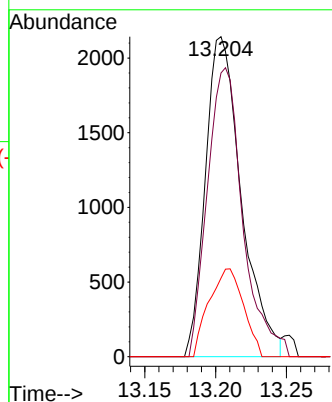
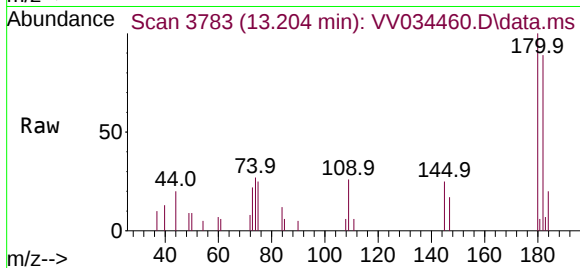
Tgt Ion:180 Resp: 3794

Ion Ratio Lower Upper

180 100

182 88.5 75.3 112.9

145 26.2 23.6 35.4



#71

Naphthalene

Concen: 0.255 ug/L

RT: 13.451 min Scan# 3860

Delta R.T. 0.010 min

Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

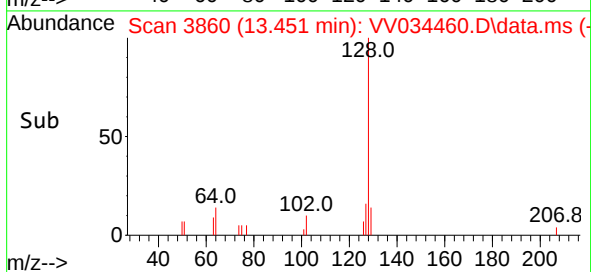
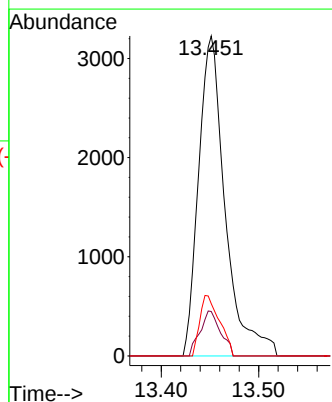
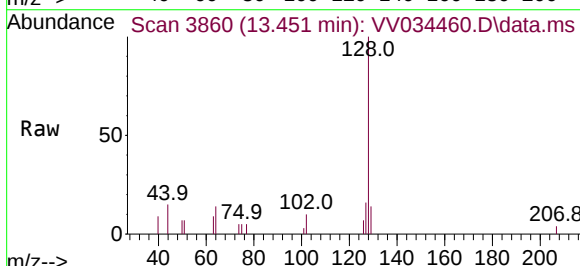
Tgt Ion:128 Resp: 6114

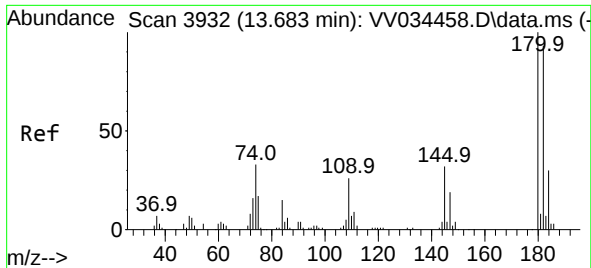
Ion Ratio Lower Upper

128 100

129 10.8 8.4 12.6

127 14.0 10.4 15.6





#72

1,2,3-Trichlorobenzene

Concen: 0.253 ug/L

RT: 13.692 min Scan# 3935

Delta R.T. 0.010 min

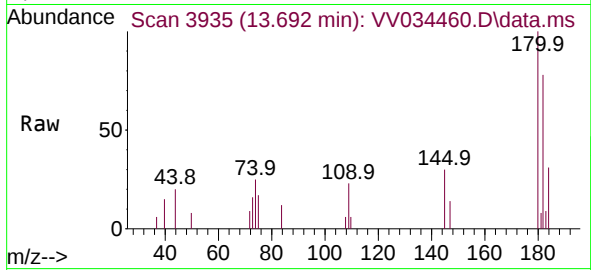
Lab File: VV034460.D

Acq: 28 Feb 2024 10:41

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 3181

Ion Ratio Lower Upper

180 100

182 93.1 76.1 114.1

145 36.4 25.8 38.6

