

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
 Data File : VV038334.D
 Acq On : 25 Nov 2024 11:14
 Operator : SY/MD
 Sample : P4776-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 26 00:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 26 00:39:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	197295	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	218642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	88860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	42370	2.802	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.000%	
7) Chloroethane-d5	1.529	69	45181	3.694	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.053	65	19932	3.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	61.200%	
20) 2-Butanone-d5	3.825	46	140180	46.338	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.680%	
24) Chloroform-d	4.240	84	129260	4.404	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	4.941	65	61949	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	4.950	84	193163	3.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	68.400%#	
36) 1,2-Dichloropropane-d6	5.982	67	71796	4.129	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.600%	
41) Toluene-d8	7.239	98	134886	2.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	51.600%#	
43) trans-1,3-Dichloroprop...	7.561	79	22495	3.480	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.600%	
46) 2-Hexanone-d5	8.024	63	89982	35.806	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	71.620%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	70010	4.743	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	11.554	152	70726	4.671	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	5750	0.308	ug/L	96
3) Chloromethane	1.211	50	5951	0.370	ug/L	99
5) Vinyl chloride	1.278	62	5648	0.310	ug/L	96
6) Bromomethane	1.484	94	3349	0.472	ug/L	92
8) Chloroethane	1.545	64	3307	0.285	ug/L	91
9) Trichlorofluoromethane	1.709	101	7917	0.305	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5516	0.373	ug/L #	86
12) 1,1-Dichloroethene	2.063	96	5181	0.368	ug/L #	1
14) Carbon disulfide	2.233	76	12603	0.278	ug/L	98
16) Methylene chloride	2.439	84	5839	0.363	ug/L	90
17) Methyl tert-butyl Ether	2.699	73	7817	0.245	ug/L #	86
18) trans-1,2-Dichloroethene	2.696	96	4332	0.292	ug/L	85
19) 1,1-Dichloroethane	3.111	63	7898	0.293	ug/L	92
22) cis-1,2-Dichloroethene	3.815	96	4199	0.274	ug/L	95
23) Bromochloromethane	4.162	128	2161	0.288	ug/L #	70
25) Chloroform	4.275	83	10219	0.354	ug/L	86
27) 1,2-Dichloroethane	5.069	62	4016	0.256	ug/L	96
29) 1,1,1-Trichloroethane	4.510	97	7117	0.271	ug/L #	91
30) Cyclohexane	4.574	56	5158	0.237	ug/L #	87

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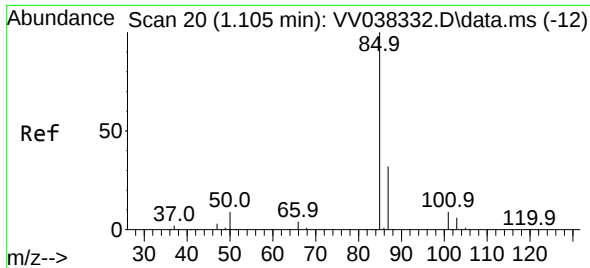
Quant Time: Nov 26 00:40:03 2024
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Carbon tetrachloride	4.732	117	6127	0.265	ug/L	100
33) Benzene	5.005	78	8463	0.138	ug/L	100
34) Trichloroethene	5.841	95	2391	0.143	ug/L	94
35) Methylcyclohexane	6.034	83	5667	0.239	ug/L	92
37) 1,2-Dichloropropane	6.095	63	3458	0.225	ug/L	98
38) Bromodichloromethane	6.436	83	5354	0.259	ug/L	90
40) 4-Methyl-2-pentanone	7.169	43	12477	1.550	ug/L #	87
42) Toluene	7.326	91	14130	0.217	ug/L	100
45) 1,1,2-Trichloroethane	7.776	97	3095	0.248	ug/L	90
47) Tetrachloroethene	7.905	164	3298	0.245	ug/L	91
48) 2-Hexanone	8.088	43	19109	3.273	ug/L #	85
49) Dibromochloromethane	8.175	129	3417	0.251	ug/L	87
50) 1,2-Dibromoethane	8.294	107	2988	0.258	ug/L #	97
51) Chlorobenzene	8.815	112	11106	0.248	ug/L	97
52) Ethylbenzene	8.953	91	14838	0.215	ug/L	97
53) m,p-Xylene	9.079	106	4751	0.182	ug/L	99
54) o-Xylene	9.481	106	4866	0.192	ug/L	85
55) Styrene	9.513	104	5267	0.118	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	4164	0.285	ug/L #	89
59) Bromoform	9.664	173	1258	0.243	ug/L #	68
60) Isopropylbenzene	9.866	105	12420	0.243	ug/L #	95
61) 1,2,3-Trichloropropane	10.210	75	2539	0.334	ug/L #	53
62) 1,3,5-Trimethylbenzene	10.474	105	10125	0.249	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	8933	0.221	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	7565	0.275	ug/L	93
65) 1,4-Dichlorobenzene	11.207	146	8323	0.300	ug/L	92
67) 1,2-Dichlorobenzene	11.574	146	7981	0.314	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.371	75	278	0.163	ug/L #	60
69) 1,3,5-Trichlorobenzene	12.586	180	4980	0.256	ug/L #	92
70) 1,2,4-trichlorobenzene	13.207	180	3858	0.240	ug/L	97
71) Naphthalene	13.458	128	3870	0.155	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.680	180	2868	0.193	ug/L #	80

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

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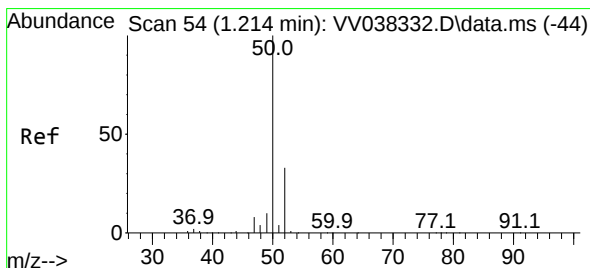
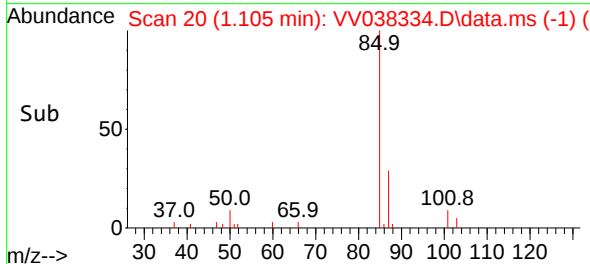
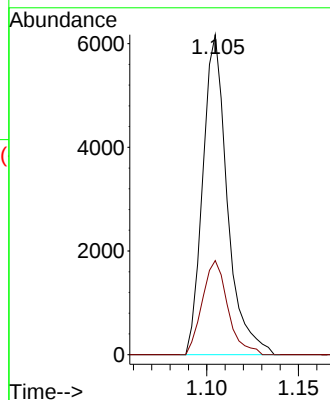
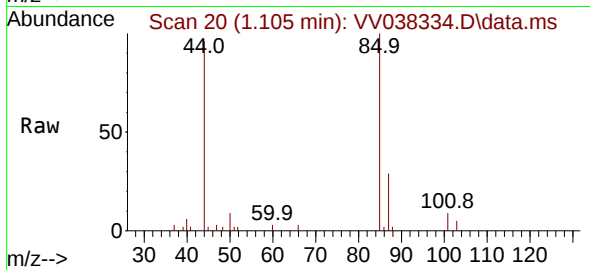




#2
 Dichlorodifluoromethane
 Concen: 0.308 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VV038334.D
 Acq: 25 Nov 2024 11:14

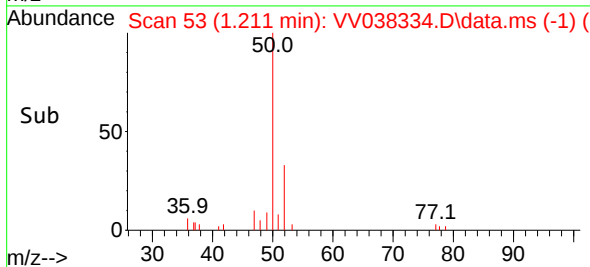
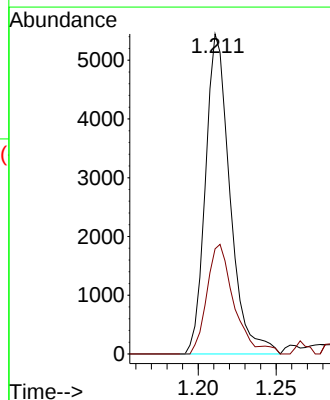
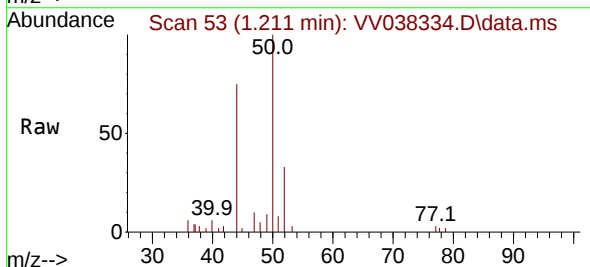
Instrument :
 MSVOA_V
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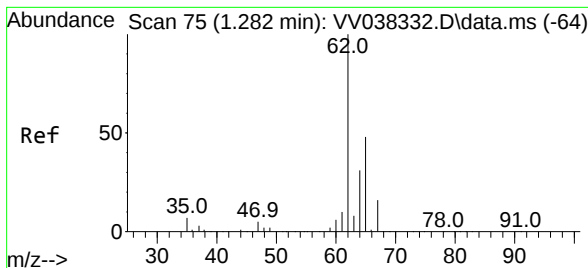
Tgt Ion: 85 Resp: 5750
 Ion Ratio Lower Upper
 85 100
 87 30.7 26.5 39.7



#3
 Chloromethane
 Concen: 0.370 ug/L
 RT: 1.211 min Scan# 53
 Delta R.T. -0.003 min
 Lab File: VV038334.D
 Acq: 25 Nov 2024 11:14

Tgt Ion: 50 Resp: 5951
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.5 43.7





#5

Vinyl chloride

Concen: 0.310 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.003 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

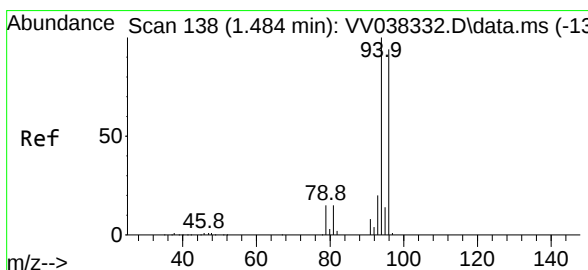
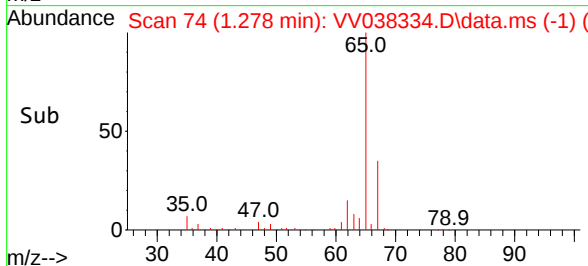
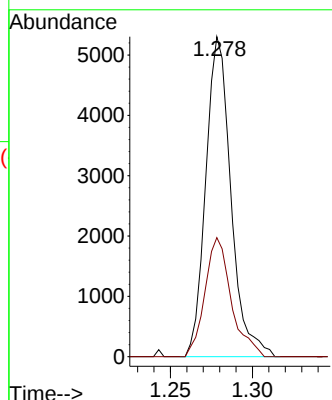
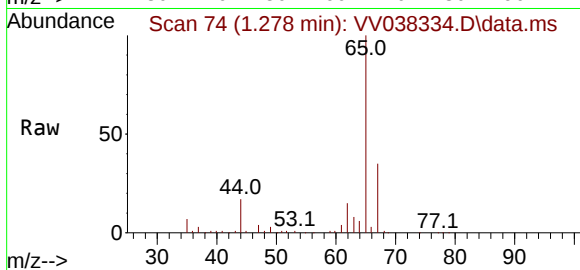
ClientSampleId :

Tgt Ion: 62 Resp: 5648

Ion Ratio Lower Upper

62 100

64 37.2 24.4 45.4



#6

Bromomethane

Concen: 0.472 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV038334.D

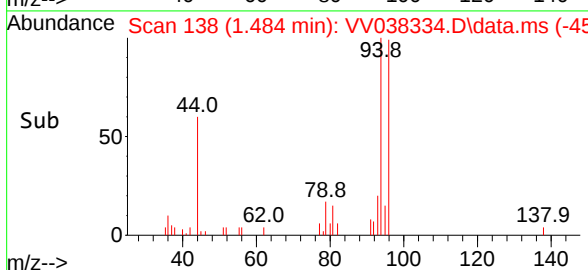
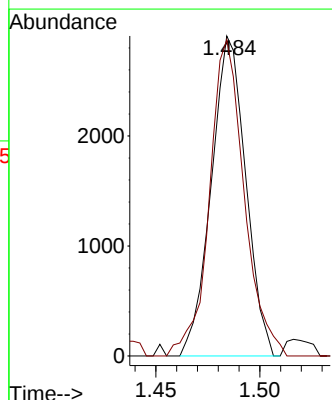
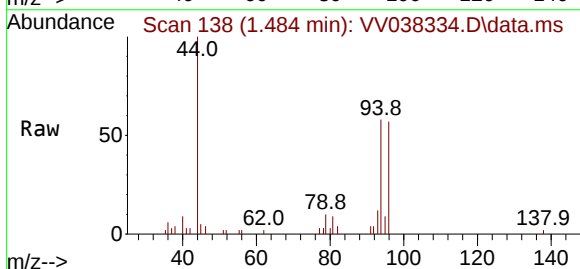
Acq: 25 Nov 2024 11:14

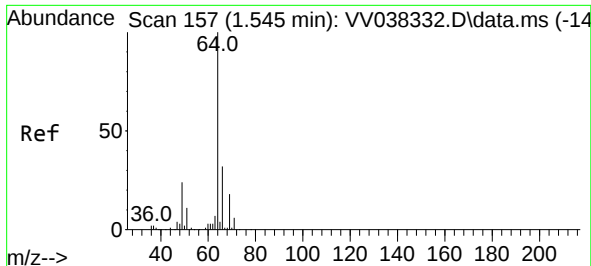
Tgt Ion: 94 Resp: 3349

Ion Ratio Lower Upper

94 100

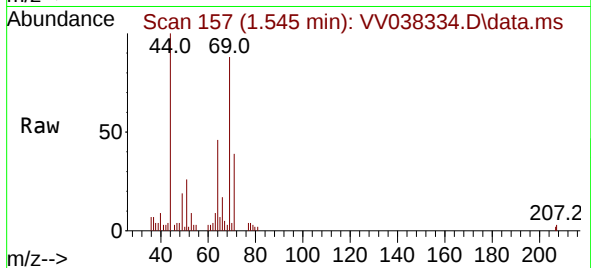
96 98.8 63.7 118.3



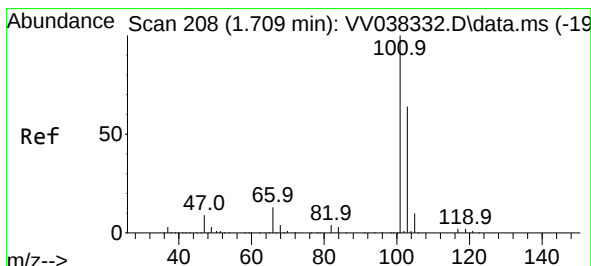
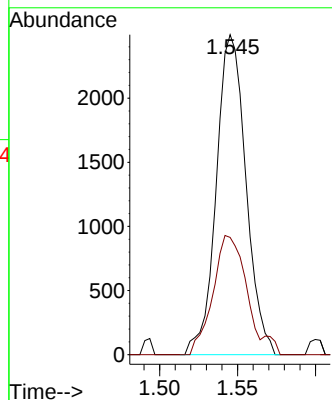
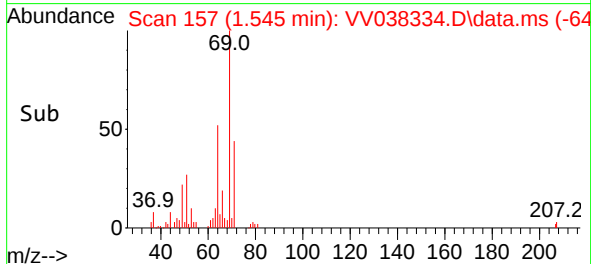


#8
Chloroethane
Concen: 0.285 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

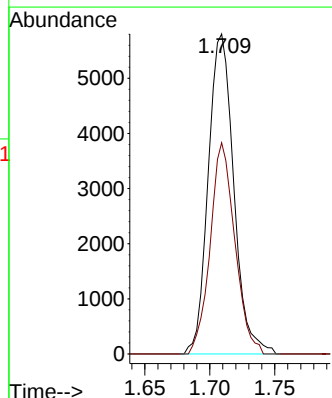
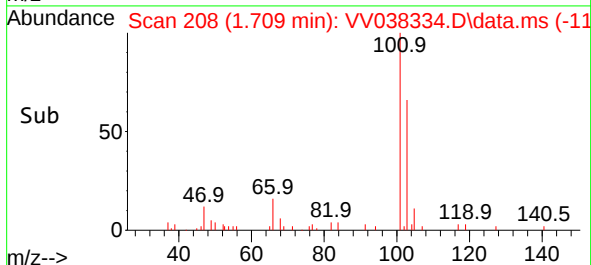
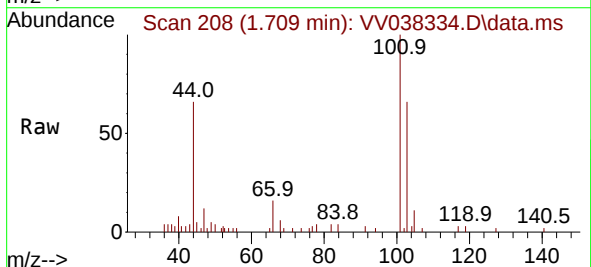


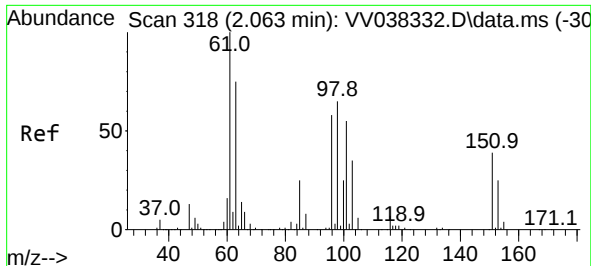
Tgt Ion: 64 Resp: 3307
Ion Ratio Lower Upper
64 100
66 36.6 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.305 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion:101 Resp: 7917
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3





#10

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

Concen: 0.373 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

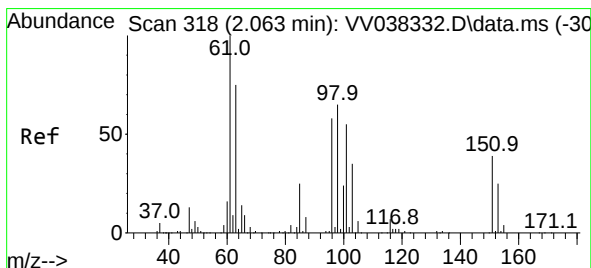
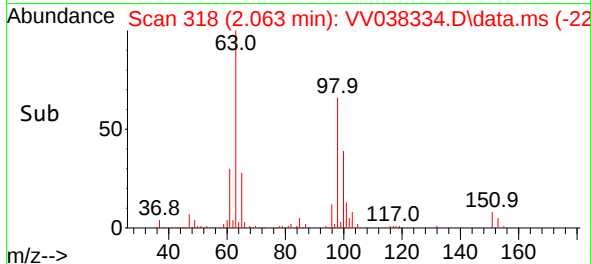
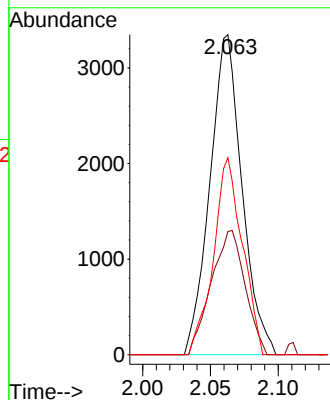
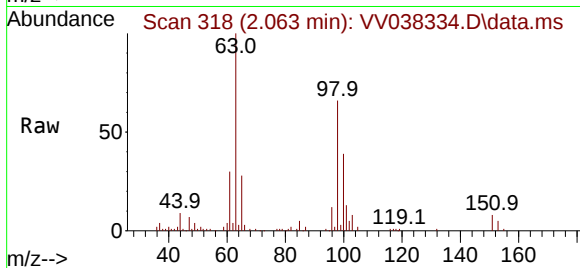
Tgt Ion:101 Resp: 5516

Ion Ratio Lower Upper

101 100

85 40.9 33.4 50.0

151 55.4 58.8 88.2#



#12

1,1-Dichloroethene

Concen: 0.368 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

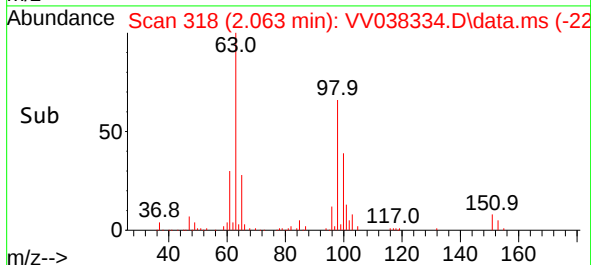
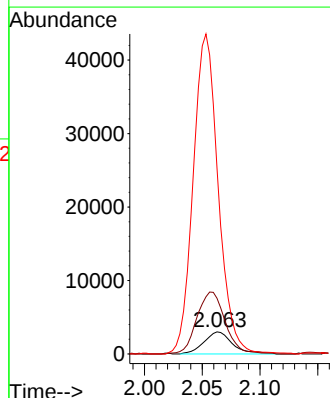
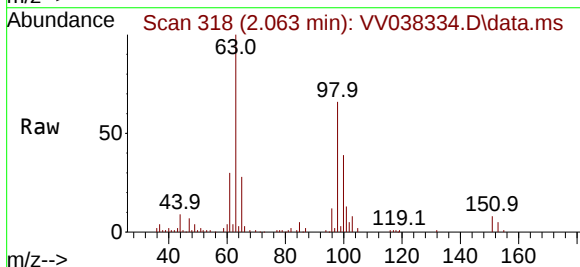
Tgt Ion: 96 Resp: 5181

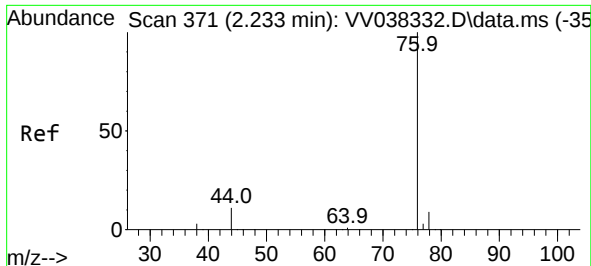
Ion Ratio Lower Upper

96 100

61 251.2 115.7 214.9#

63 839.8 101.1 187.7#

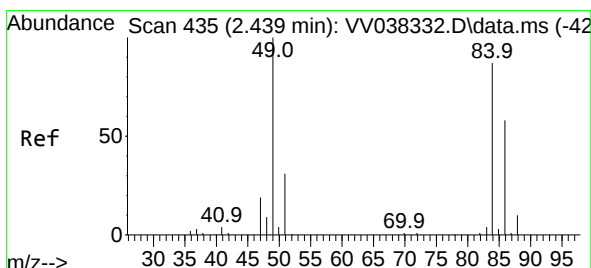
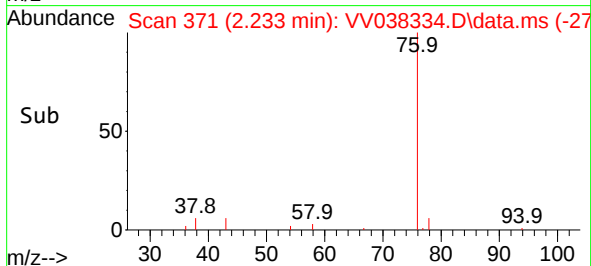
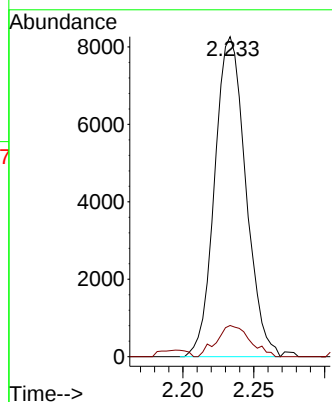
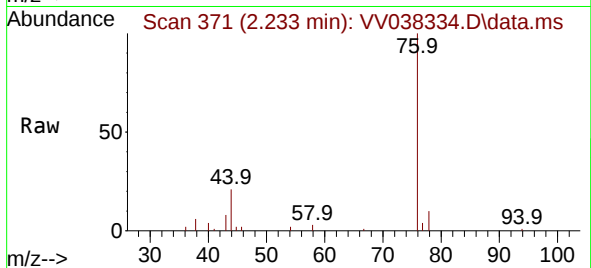




#14
Carbon disulfide
Concen: 0.278 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.000 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

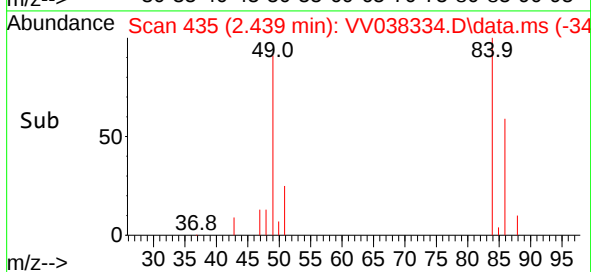
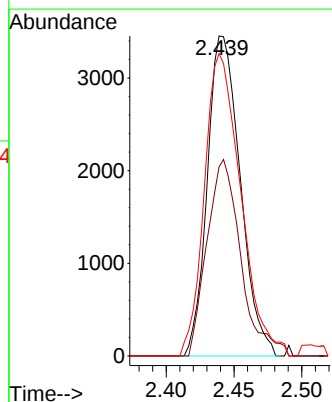
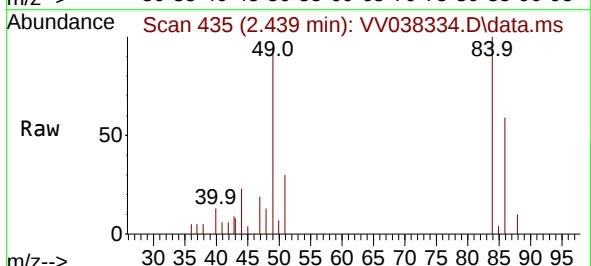
Instrument :
MSVOA_V
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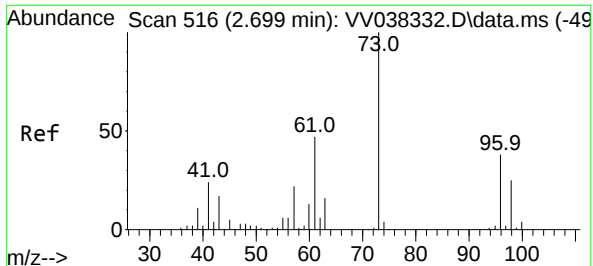
Tgt Ion: 76 Resp: 12603
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#16
Methylene chloride
Concen: 0.363 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.000 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 84 Resp: 5839
Ion Ratio Lower Upper
84 100
86 59.1 44.2 82.2
49 94.5 74.9 139.1





#17

Methyl tert-butyl Ether

Concen: 0.245 ug/L

RT: 2.699 min Scan# 516

Delta R.T. -0.000 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

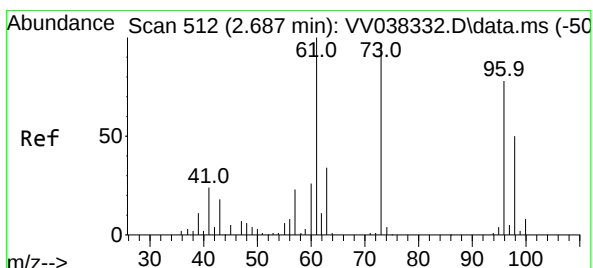
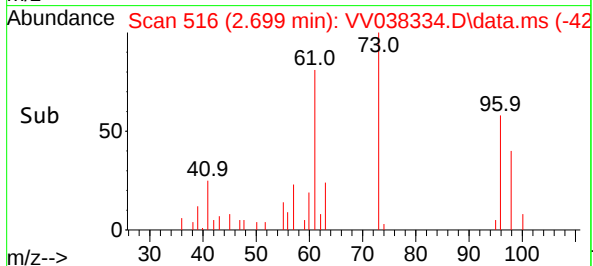
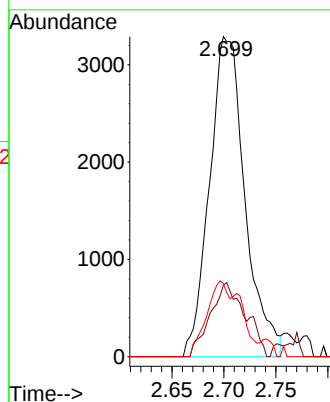
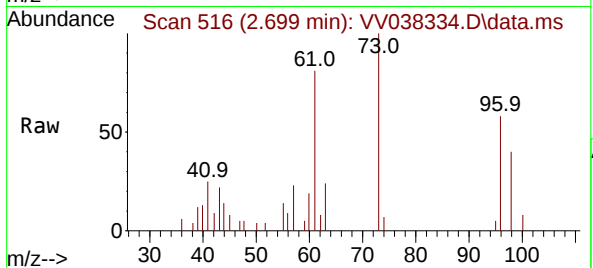
Tgt Ion: 73 Resp: 7817

Ion Ratio Lower Upper

73 100

43 22.9 14.2 21.2#

57 14.8 17.6 26.4#



#18

trans-1,2-Dichloroethene

Concen: 0.292 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.010 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

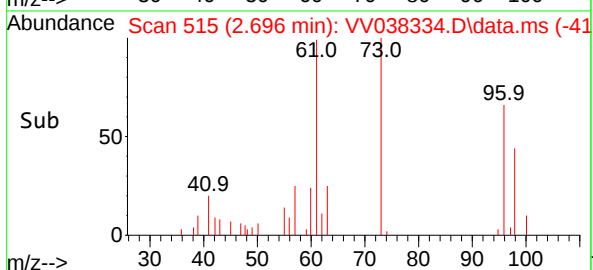
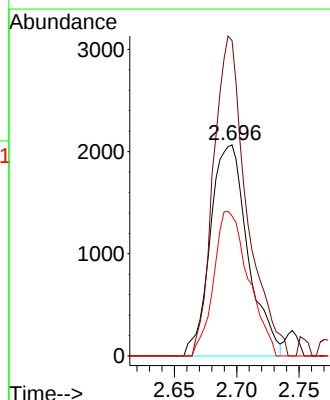
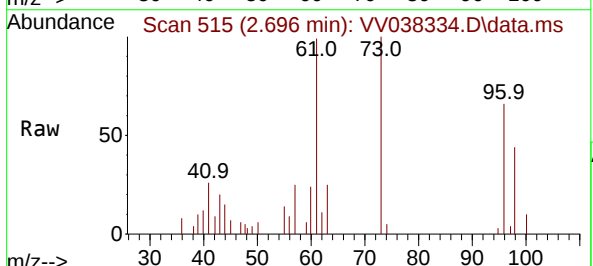
Tgt Ion: 96 Resp: 4332

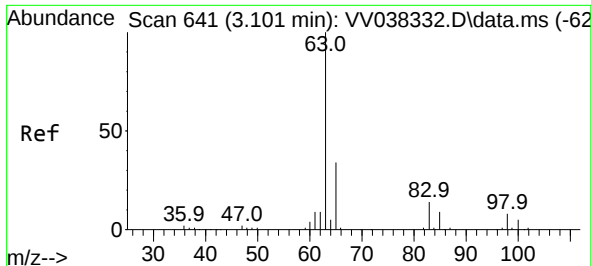
Ion Ratio Lower Upper

96 100

61 149.4 88.5 164.4

98 66.3 43.9 81.5





#19

1,1-Dichloroethane

Concen: 0.293 ug/L

RT: 3.111 min Scan# 641

Delta R.T. 0.010 min

Lab File: VV038334.D

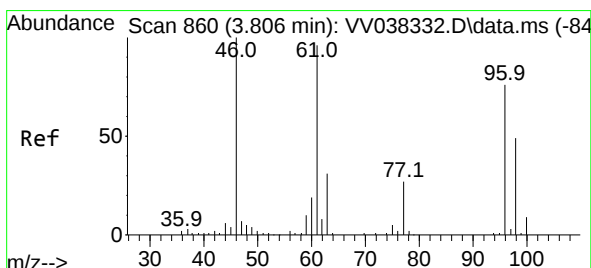
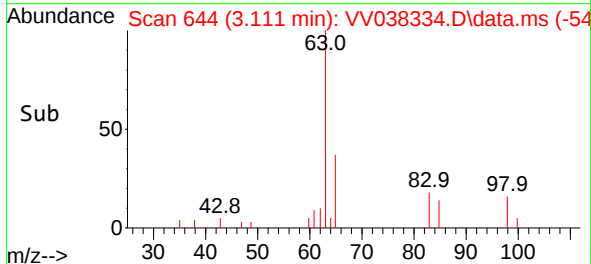
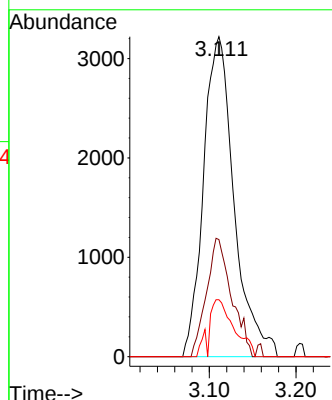
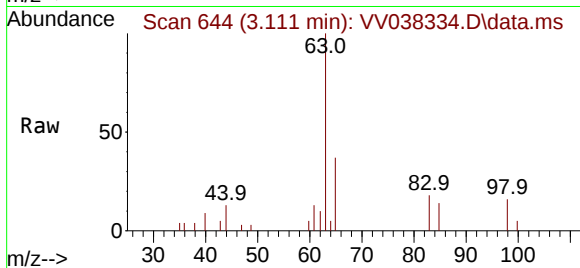
Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	7898
Ion	Ratio	Lower	Upper
63	100		
65	36.6	22.5	41.7
83	17.8	10.1	18.9



#22

cis-1,2-Dichloroethene

Concen: 0.274 ug/L

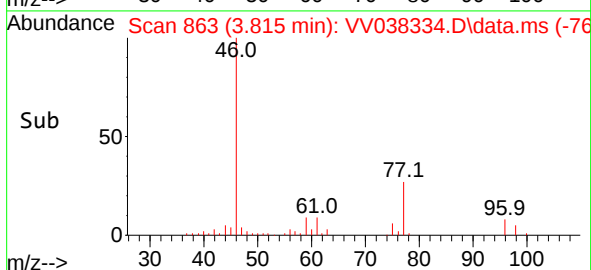
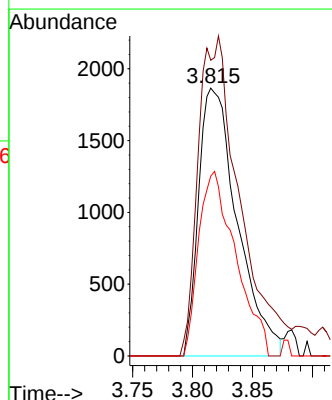
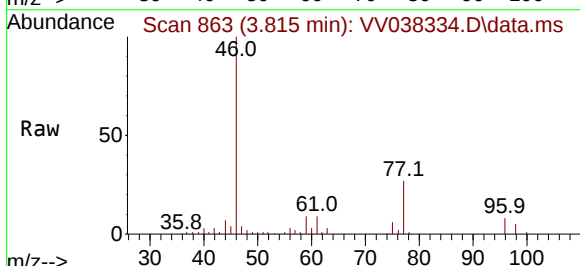
RT: 3.815 min Scan# 863

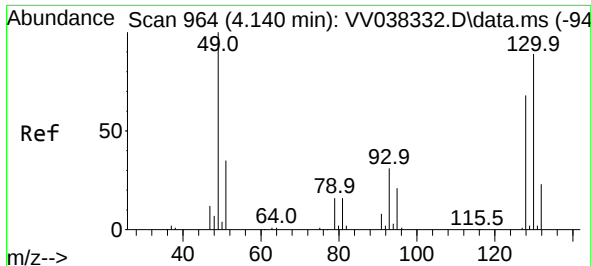
Delta R.T. 0.010 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

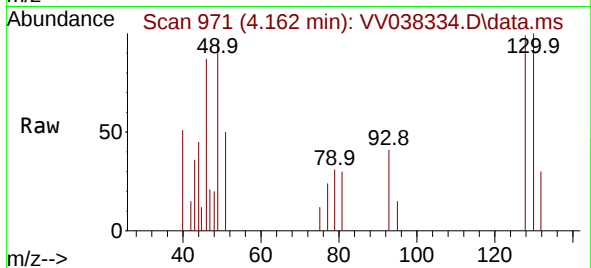
Tgt Ion:	96	Resp:	4199
Ion	Ratio	Lower	Upper
96	100		
61	110.4	82.7	153.5
98	67.1	46.3	85.9



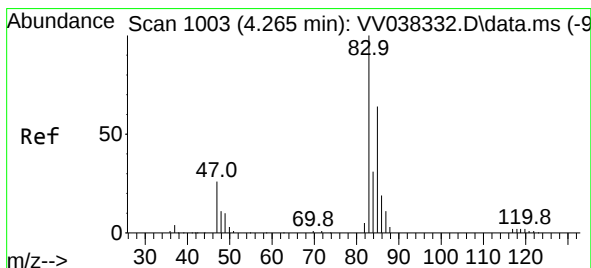
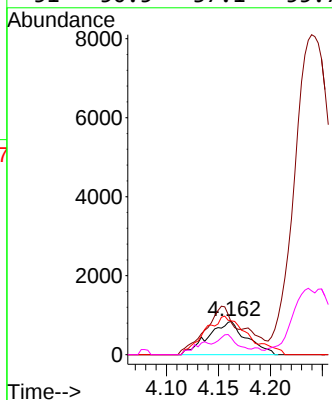
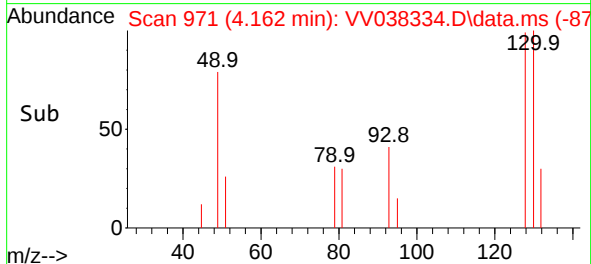


#23
Bromochloromethane
Concen: 0.288 ug/L
RT: 4.162 min Scan# 91
Delta R.T. 0.022 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

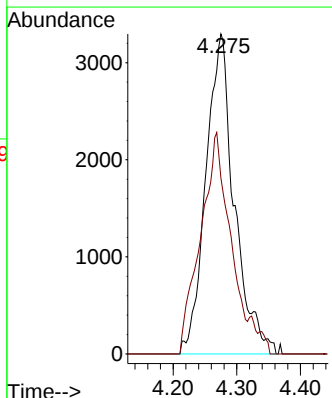
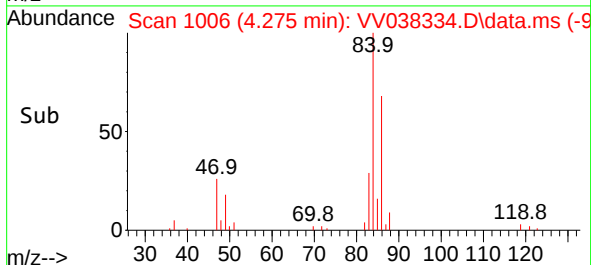
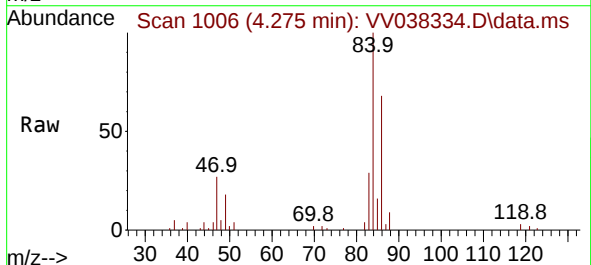


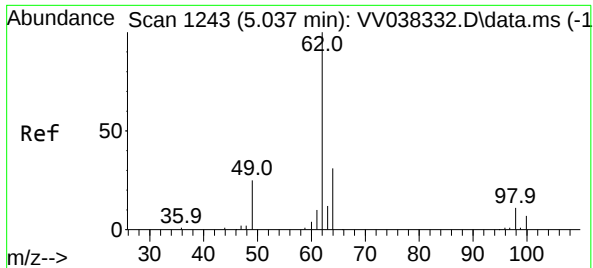
Tgt Ion:128 Resp: 2161
Ion Ratio Lower Upper
128 100
49 96.1 102.8 190.8#
130 101.2 93.6 173.8
51 50.5 37.1 55.7



#25
Chloroform
Concen: 0.354 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 83 Resp: 10219
Ion Ratio Lower Upper
83 100
85 54.9 46.5 86.3

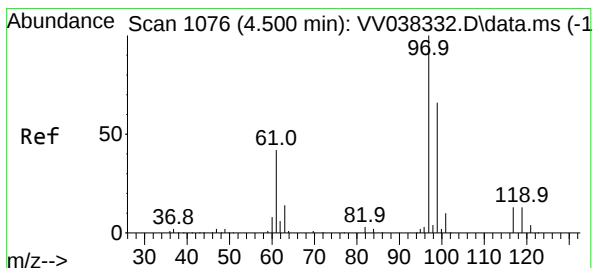
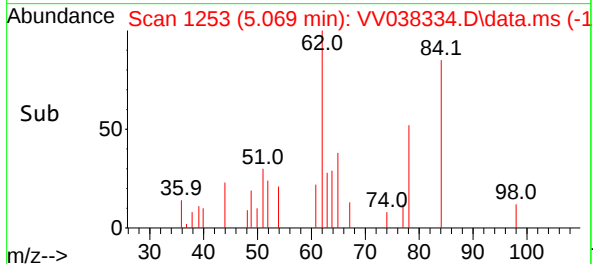
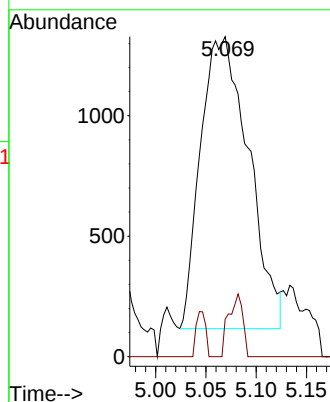
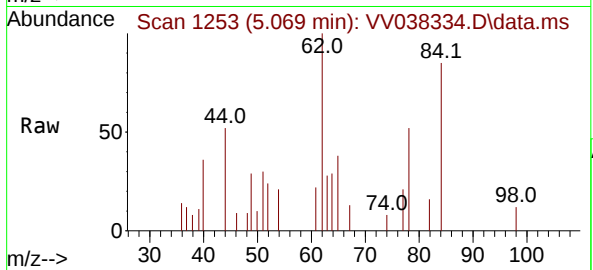




#27
1,2-Dichloroethane
Concen: 0.256 ug/L
RT: 5.069 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

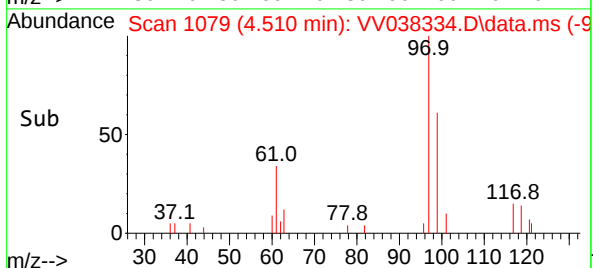
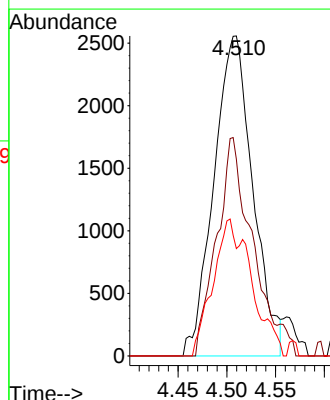
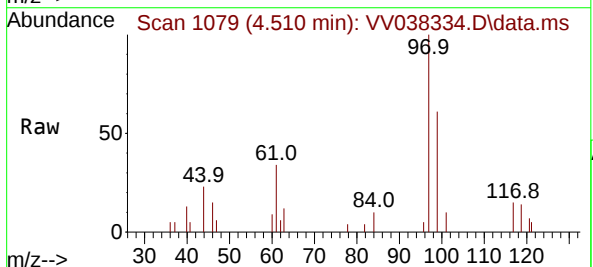
Instrument :
MSVOA_V
ClientSampleId :

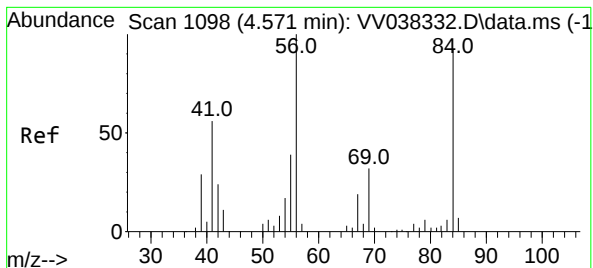
Tgt Ion: 62 Resp: 4016
Ion Ratio Lower Upper
62 100
98 11.7 8.2 12.4



#29
1,1,1-Trichloroethane
Concen: 0.271 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 97 Resp: 7117
Ion Ratio Lower Upper
97 100
99 63.2 51.8 77.8
61 27.2 32.2 48.2#





#30

Cyclohexane

Concen: 0.237 ug/L

RT: 4.574 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

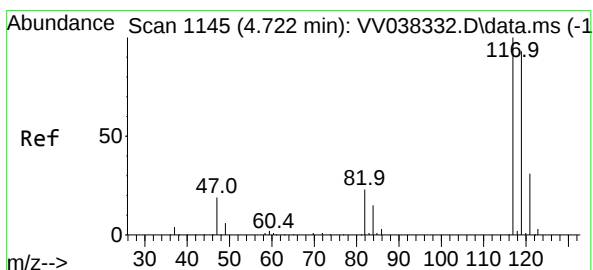
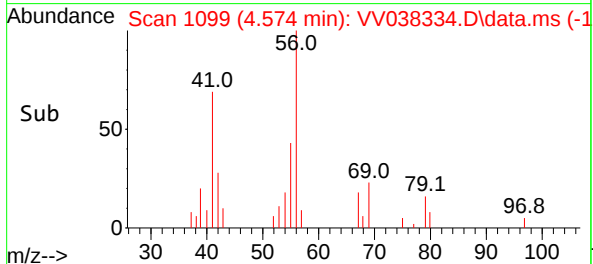
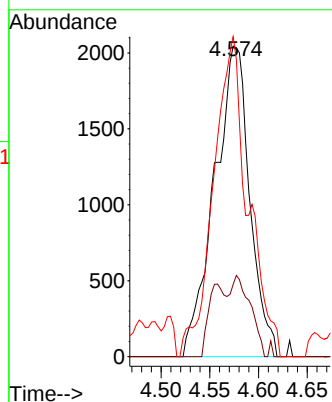
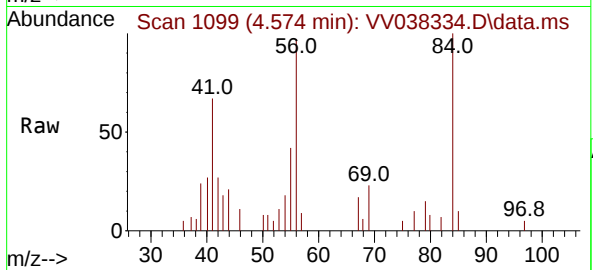
Tgt Ion: 56 Resp: 5158

Ion Ratio Lower Upper

56 100

69 14.9 26.0 39.0#

84 100.4 75.6 113.4



#31

Carbon tetrachloride

Concen: 0.265 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.010 min

Lab File: VV038334.D

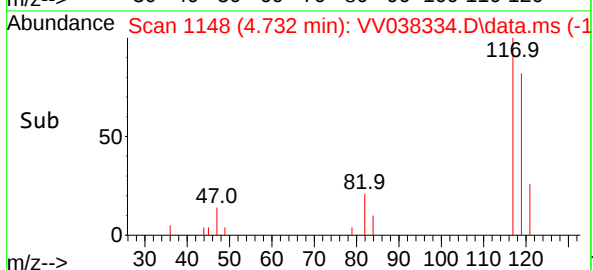
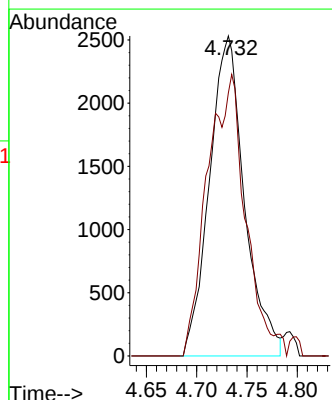
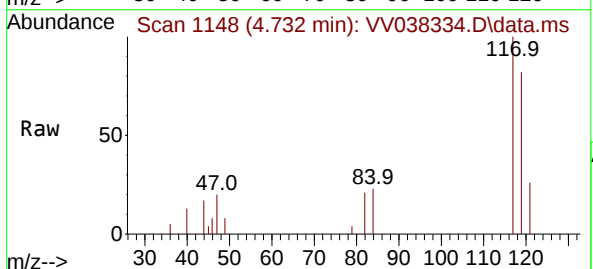
Acq: 25 Nov 2024 11:14

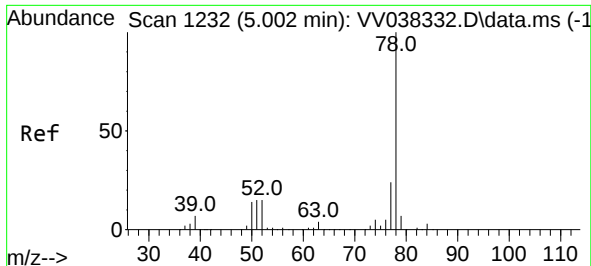
Tgt Ion: 117 Resp: 6127

Ion Ratio Lower Upper

117 100

119 96.3 77.4 116.2

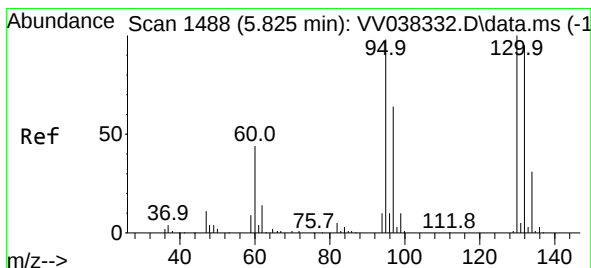
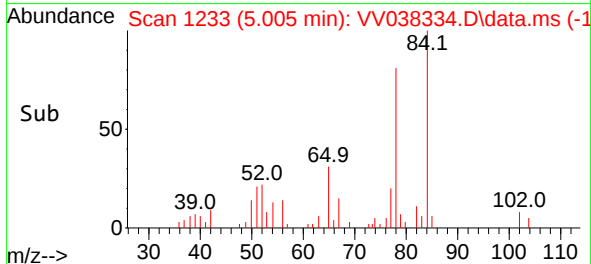
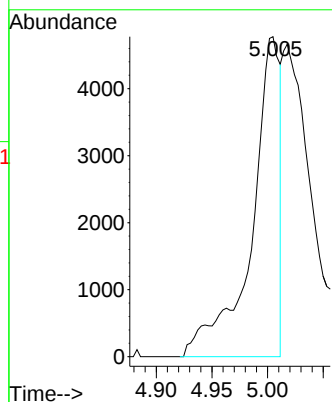
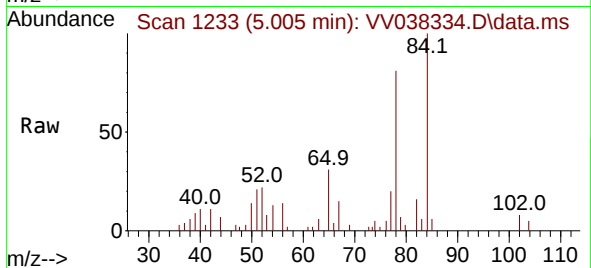




#33
Benzene
Concen: 0.138 ug/L
RT: 5.005 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

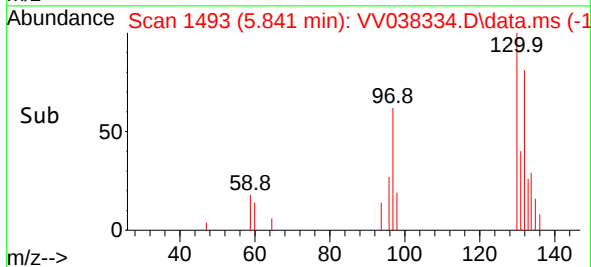
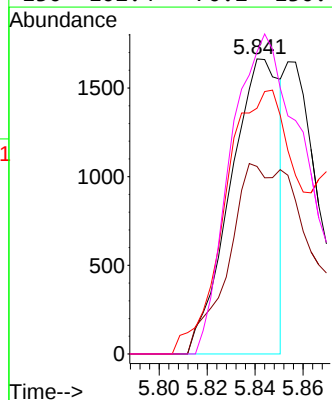
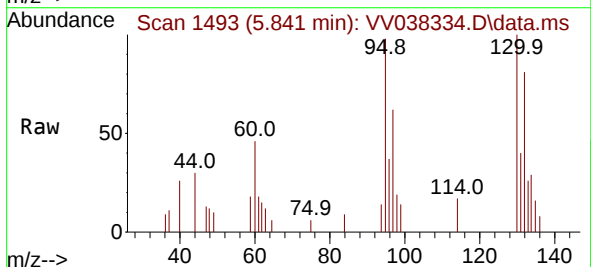
Tgt Ion: 78 Resp: 8463

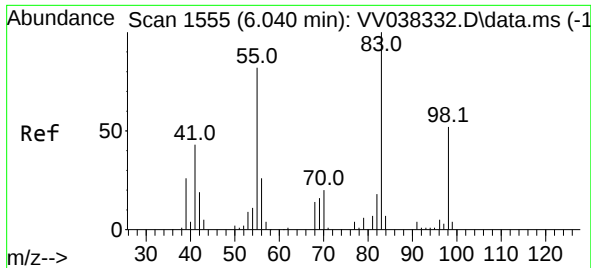


#34
Trichloroethene
Concen: 0.143 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.016 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 95 Resp: 2391

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.8	83.2
132	83.3	68.3	126.8
130	102.4	70.2	130.4





#35

Methylcyclohexane

Concen: 0.239 ug/L

RT: 6.034 min Scan# 1

Delta R.T. -0.006 min

Lab File: VV038334.D

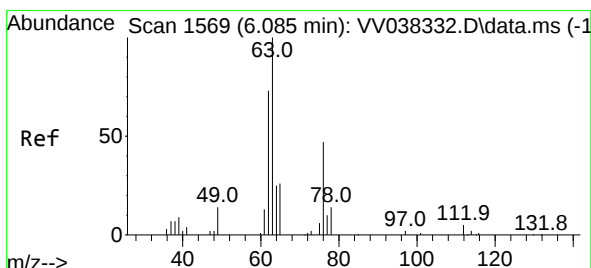
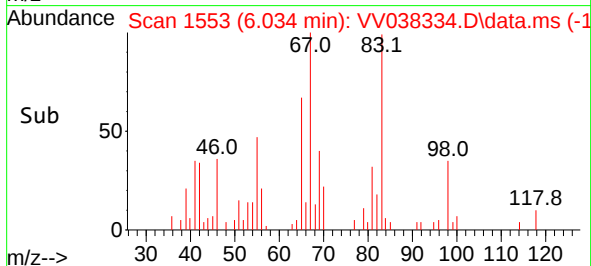
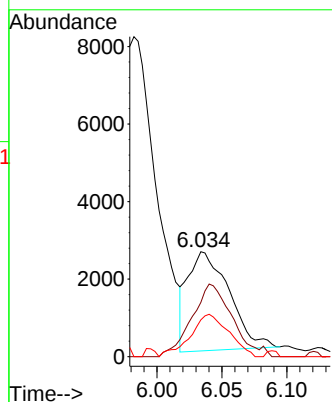
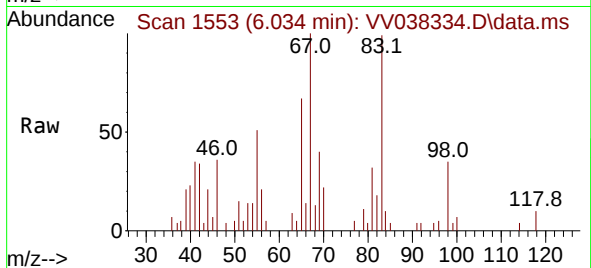
Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	5667
Ion	Ratio	Lower	Upper
83	100		
55	71.3	59.7	89.5
98	39.6	39.0	58.4



#37

1,2-Dichloropropane

Concen: 0.225 ug/L

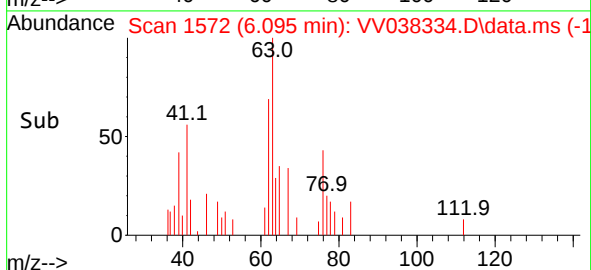
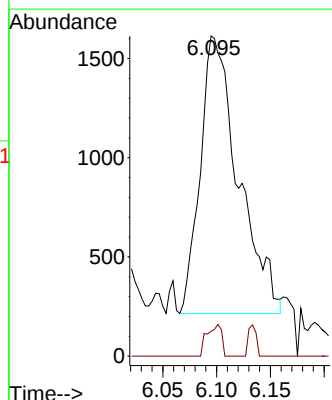
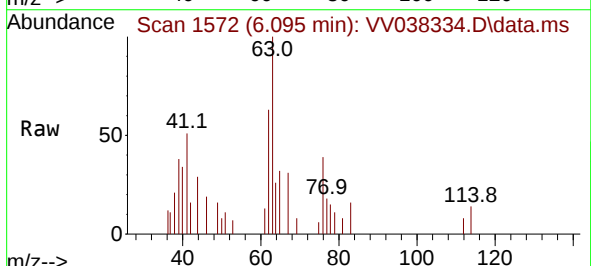
RT: 6.095 min Scan# 1572

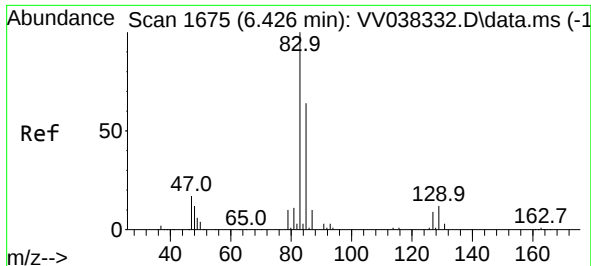
Delta R.T. 0.010 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

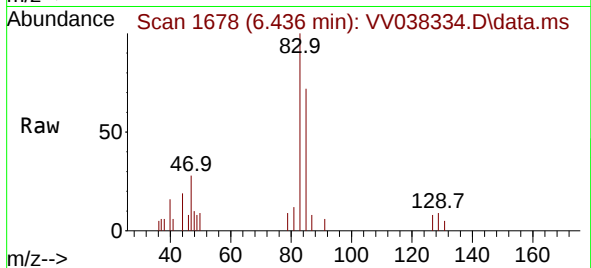
Tgt Ion:	63	Resp:	3458
Ion	Ratio	Lower	Upper
63	100		
112	4.3	3.9	5.9



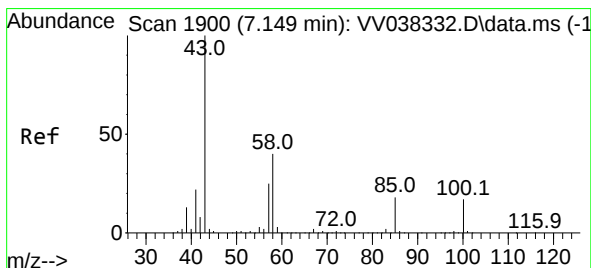
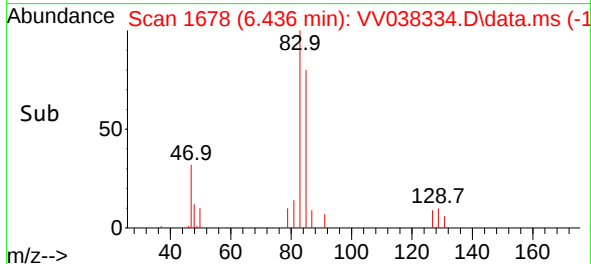
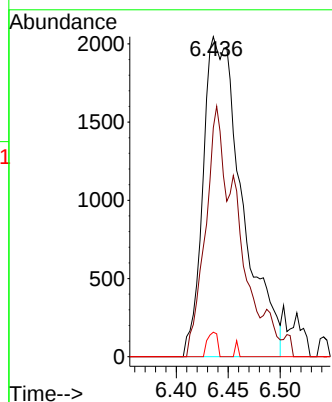


#38
Bromodichloromethane
Concen: 0.259 ug/L
RT: 6.436 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Instrument :
MSVOA_V
ClientSampleId :

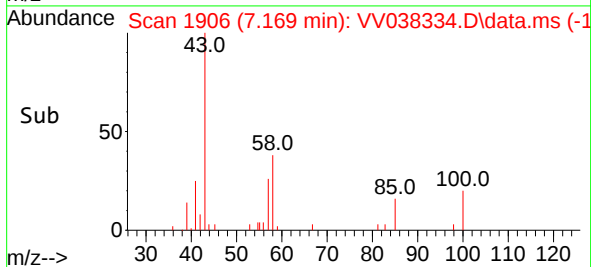
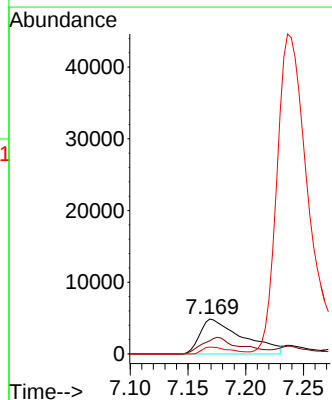
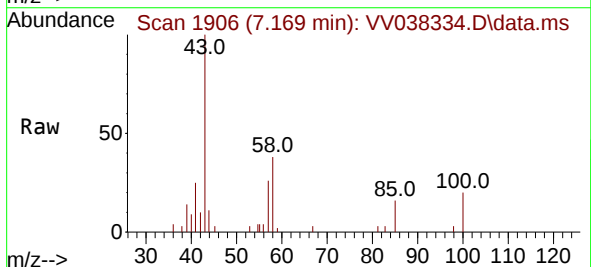


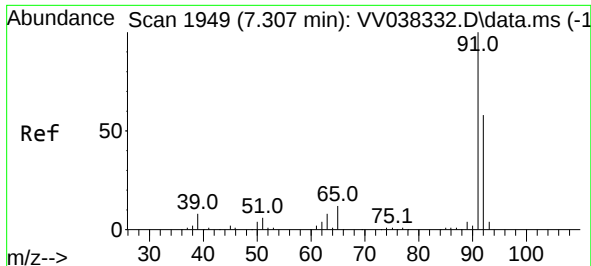
Tgt Ion: 83 Resp: 5354
Ion Ratio Lower Upper
83 100
85 71.6 43.9 81.5
127 7.7 6.7 10.1



#40
4-Methyl-2-pentanone
Concen: 1.550 ug/L
RT: 7.169 min Scan# 1906
Delta R.T. 0.019 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 43 Resp: 12477
Ion Ratio Lower Upper
43 100
58 42.1 33.4 50.2
100 0.0 14.3 21.5#





#42

Toluene

Concen: 0.217 ug/L

RT: 7.326 min Scan# 1949

Delta R.T. 0.019 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

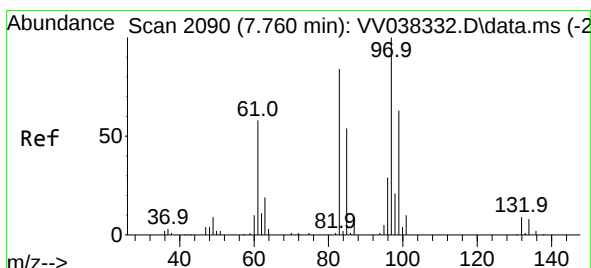
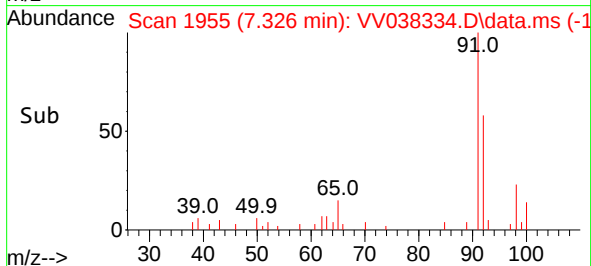
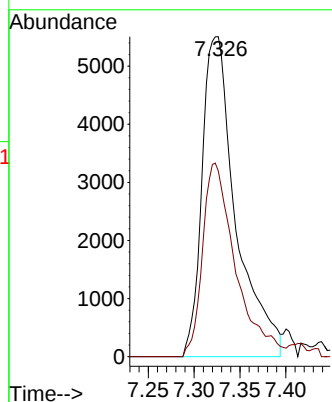
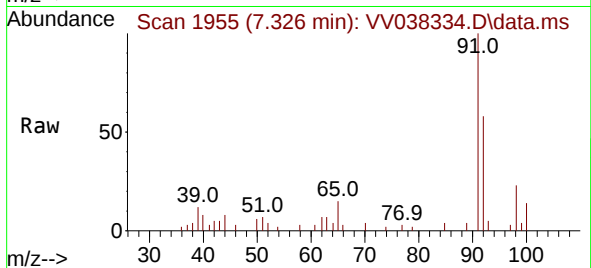
ClientSampleId :

Tgt Ion: 91 Resp: 14130

Ion Ratio Lower Upper

91 100

92 58.1 40.8 75.8



#45

1,1,2-Trichloroethane

Concen: 0.248 ug/L

RT: 7.776 min Scan# 2095

Delta R.T. 0.016 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Tgt Ion: 97 Resp: 3095

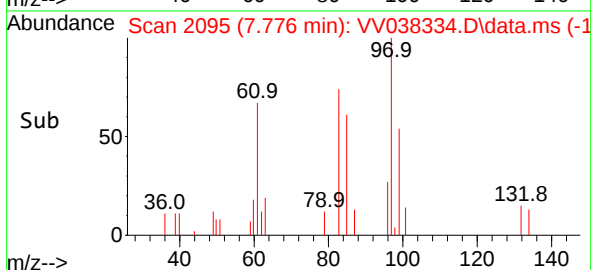
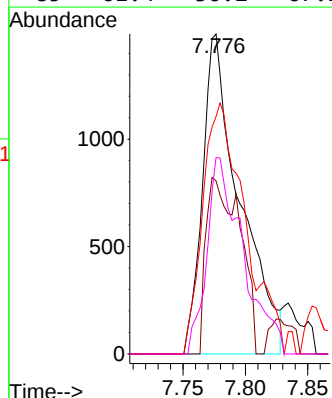
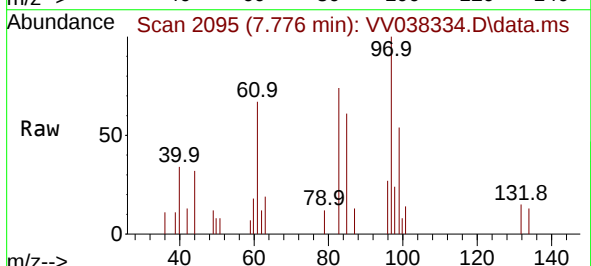
Ion Ratio Lower Upper

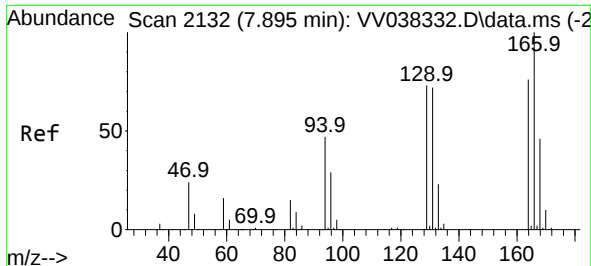
97 100

99 54.1 41.9 77.7

83 74.2 57.7 107.1

85 61.4 36.2 67.2





#47

Tetrachloroethene

Concen: 0.245 ug/L

RT: 7.905 min Scan# 2132

Delta R.T. 0.010 min

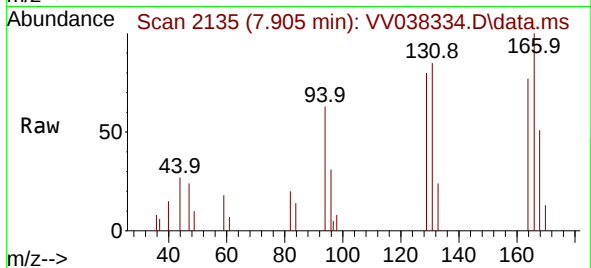
Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 3298

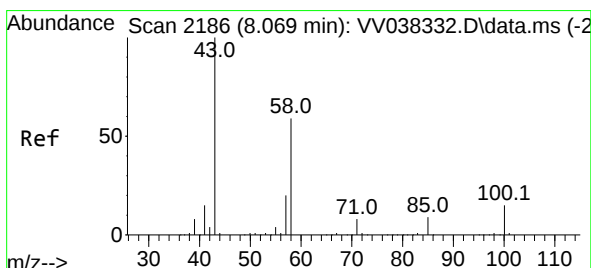
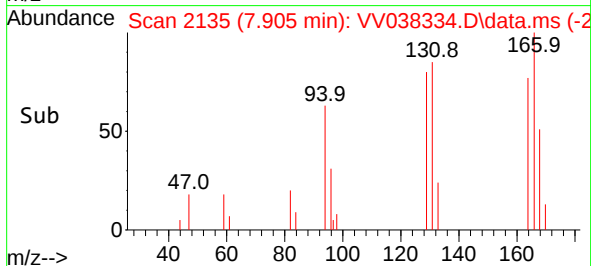
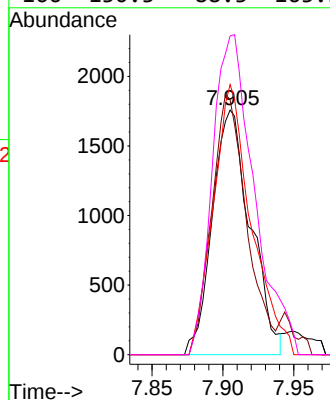
Ion Ratio Lower Upper

164 100

129 104.2 68.5 127.1

131 110.4 64.8 120.4

166 130.3 88.3 163.9



#48

2-Hexanone

Concen: 3.273 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.019 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Tgt Ion: 43 Resp: 19109

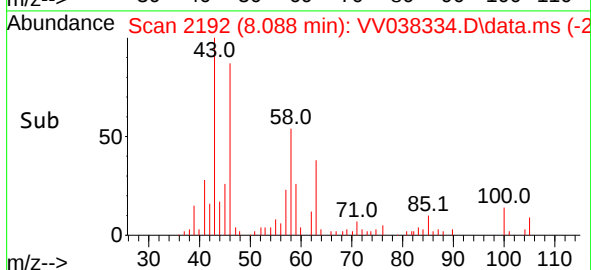
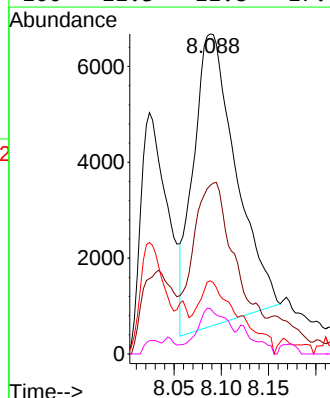
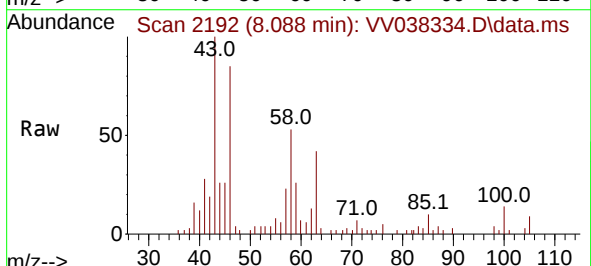
Ion Ratio Lower Upper

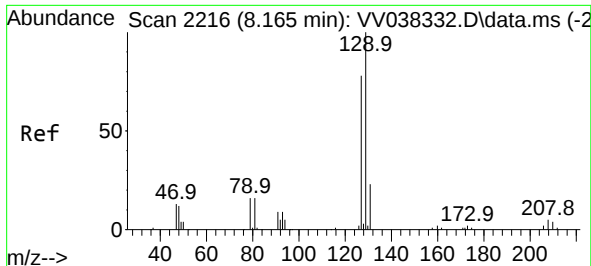
43 100

58 46.1 49.2 73.8#

57 23.5 16.9 25.3

100 11.3 11.8 17.8#

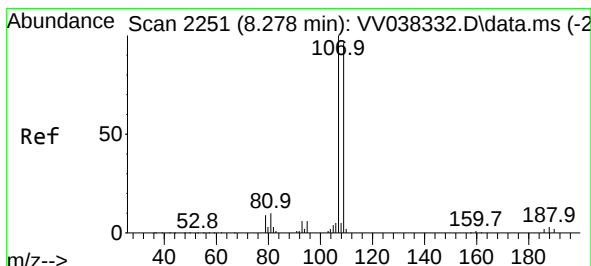
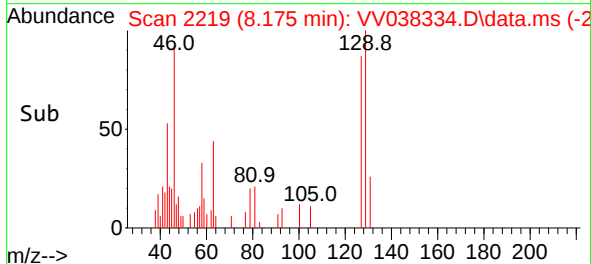
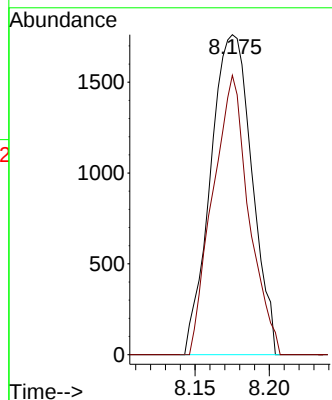
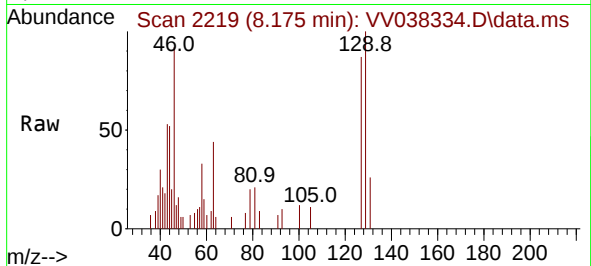




#49
Dibromochloromethane
Concen: 0.251 ug/L
RT: 8.175 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

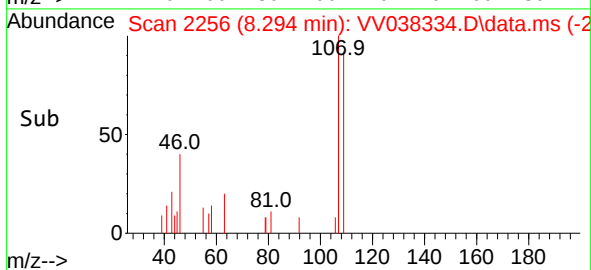
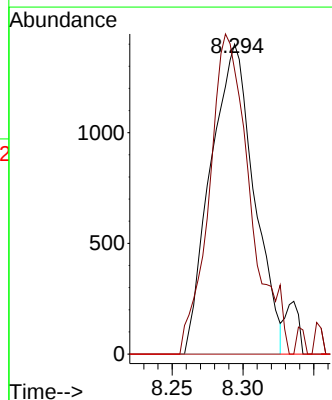
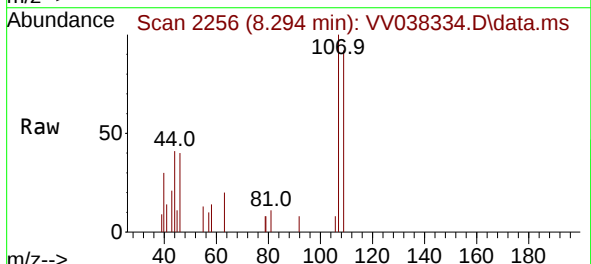
Instrument :
MSVOA_V
ClientSampleId :

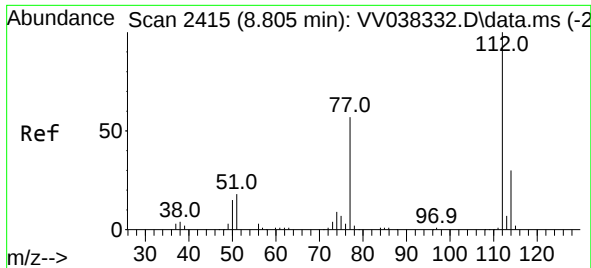
Tgt Ion:129 Resp: 3417
Ion Ratio Lower Upper
129 100
127 87.3 53.5 99.3



#50
1,2-Dibromoethane
Concen: 0.258 ug/L
RT: 8.294 min Scan# 2256
Delta R.T. 0.016 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion:107 Resp: 2988
Ion Ratio Lower Upper
107 100
109 91.7 66.1 122.7
188 0.0 2.6 3.8#

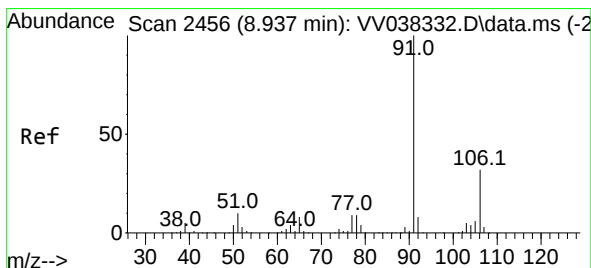
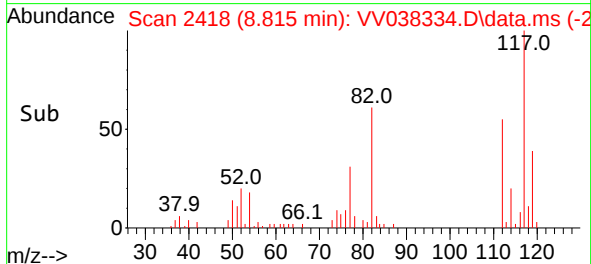
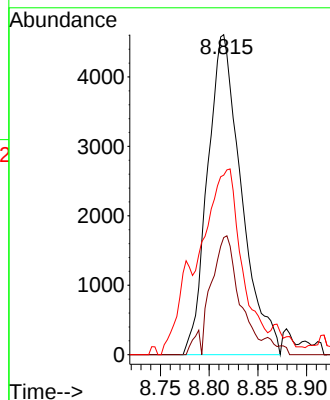
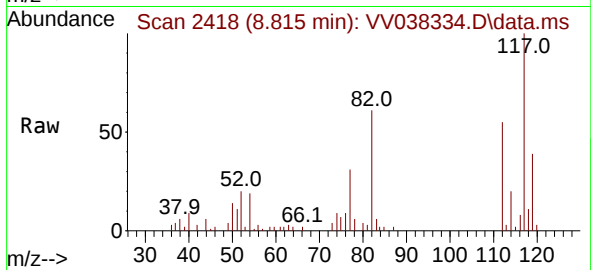




#51
Chlorobenzene
Concen: 0.248 ug/L
RT: 8.815 min Scan# 2415
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

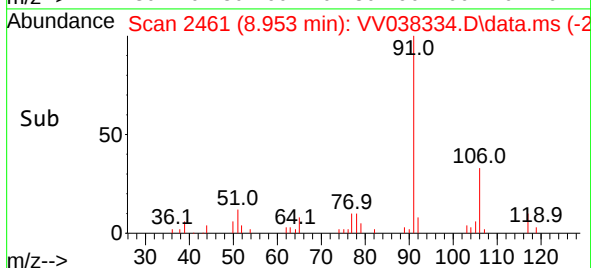
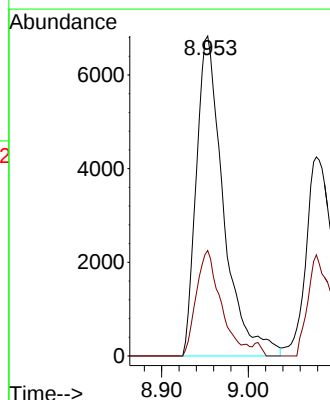
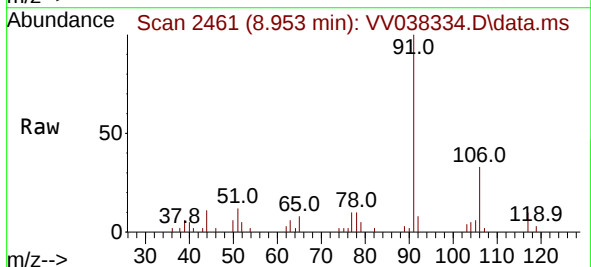
Instrument :
MSVOA_V
ClientSampleId :

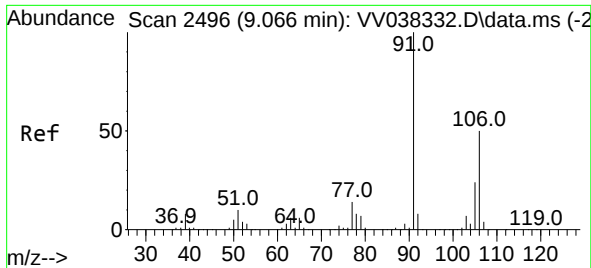
Tgt Ion:112 Resp: 11106
Ion Ratio Lower Upper
112 100
114 36.6 22.0 40.8
77 56.1 45.0 67.4



#52
Ethylbenzene
Concen: 0.215 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 91 Resp: 14838
Ion Ratio Lower Upper
91 100
106 33.0 21.8 40.4

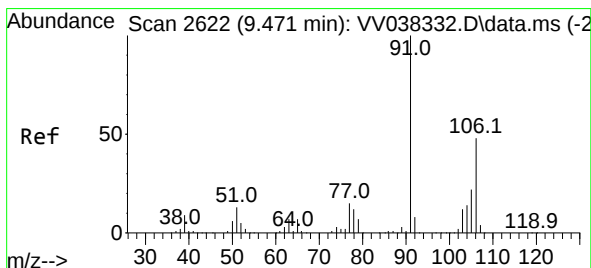
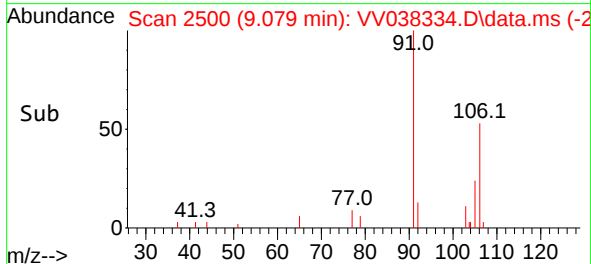
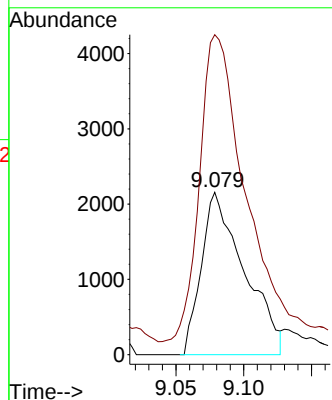
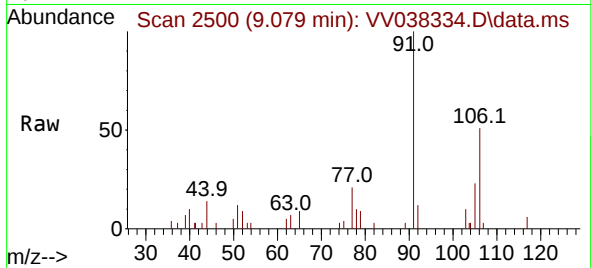




#53
m,p-Xylene
Concen: 0.182 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

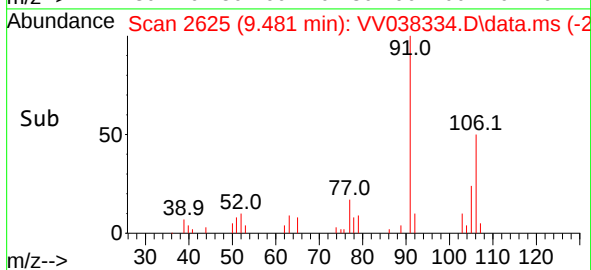
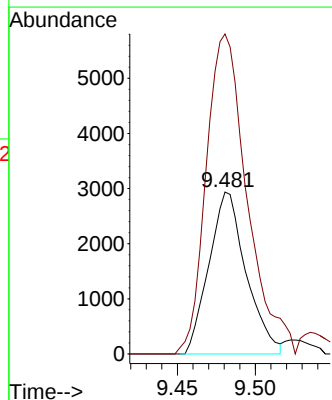
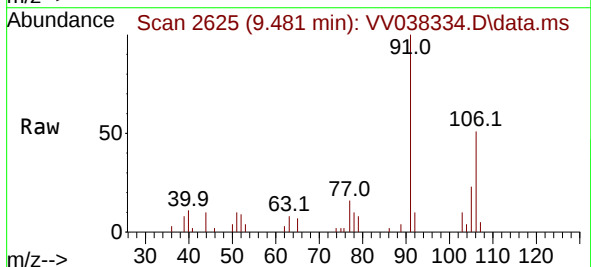
Instrument :
MSVOA_V
ClientSampleId :

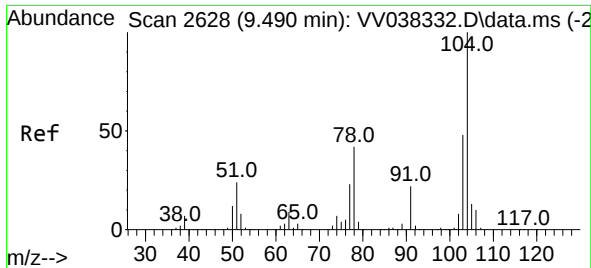
Tgt Ion:106 Resp: 4751
Ion Ratio Lower Upper
106 100
91 197.0 138.7 257.5



#54
o-Xylene
Concen: 0.192 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion:106 Resp: 4866
Ion Ratio Lower Upper
106 100
91 197.7 155.5 288.7

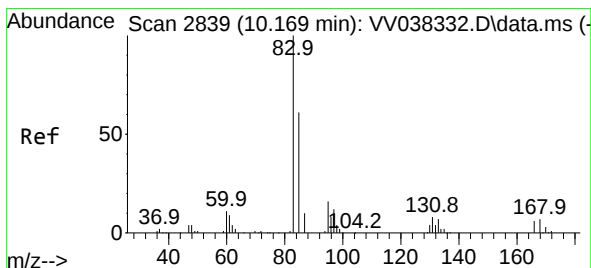
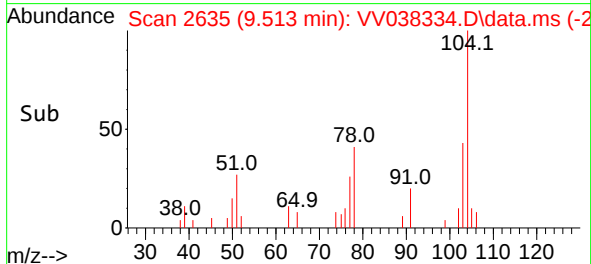
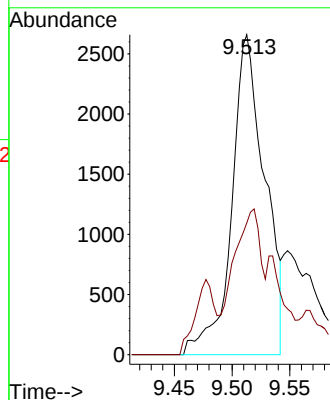
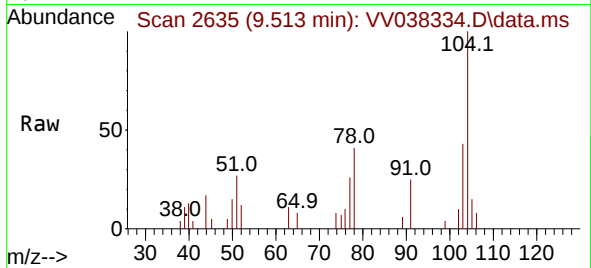




#55
Styrene
Concen: 0.118 ug/L
RT: 9.513 min Scan# 2635
Delta R.T. 0.022 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

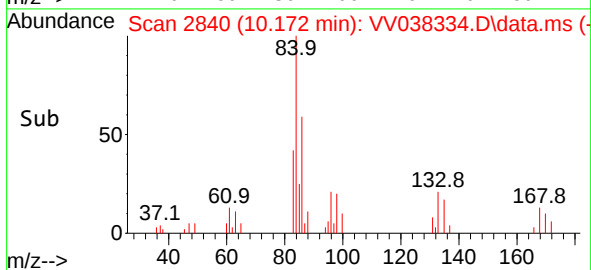
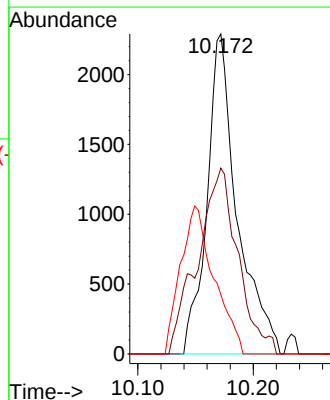
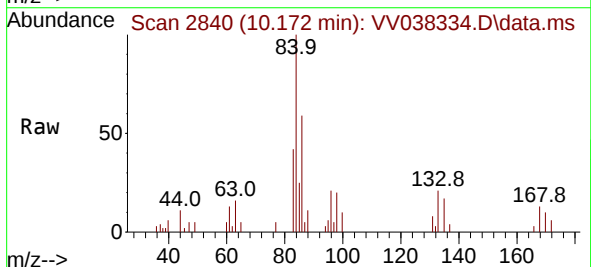
Instrument :
MSVOA_V
ClientSampleId :

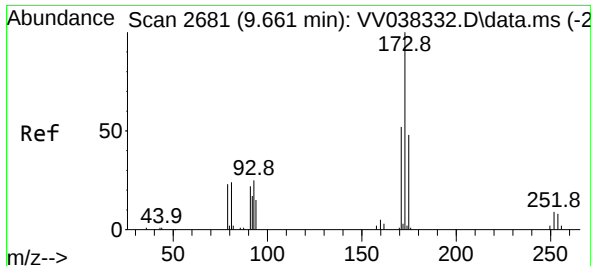
Tgt Ion:104 Resp: 5267
Ion Ratio Lower Upper
104 100
78 41.2 29.7 55.1



#57
1,1,2,2-Tetrachloroethane
Concen: 0.285 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 83 Resp: 4164
Ion Ratio Lower Upper
83 100
85 58.1 45.7 84.9
131 18.6 8.2 12.4#

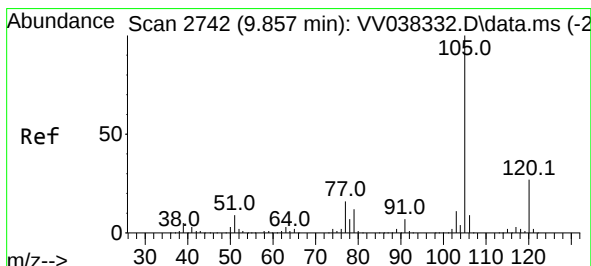
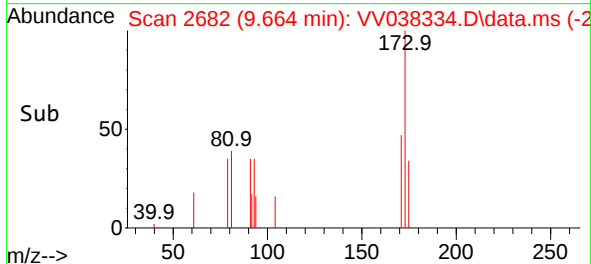
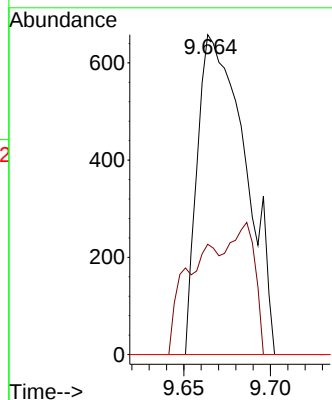
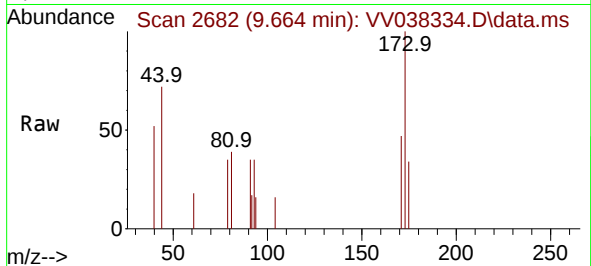




#59
Bromoform
Concen: 0.243 ug/L
RT: 9.664 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

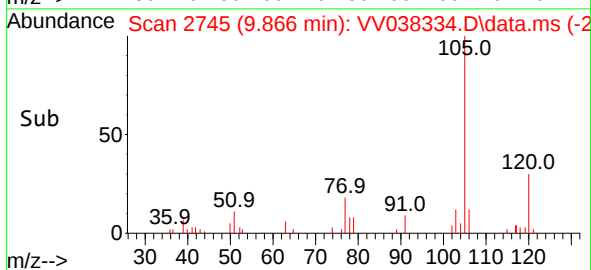
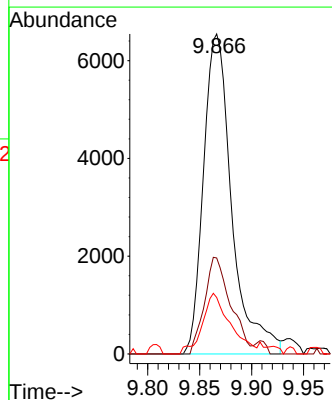
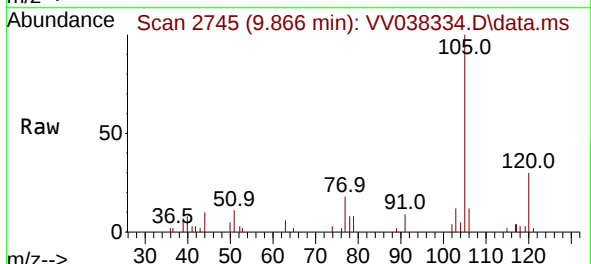
Instrument :
MSVOA_V
ClientSampleId :

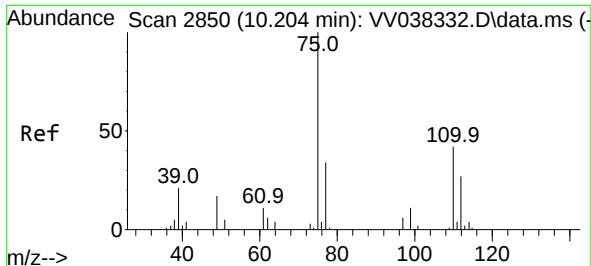
Tgt Ion:173 Resp: 1258
Ion Ratio Lower Upper
173 100
175 25.2 38.5 57.7#
254 0.0 6.9 10.3#



#60
Isopropylbenzene
Concen: 0.243 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.010 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion:105 Resp: 12420
Ion Ratio Lower Upper
105 100
120 27.8 20.8 31.2
77 18.6 12.2 18.2#

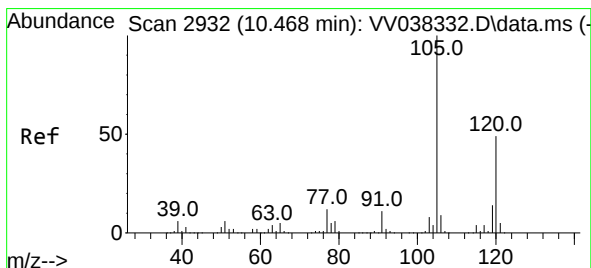
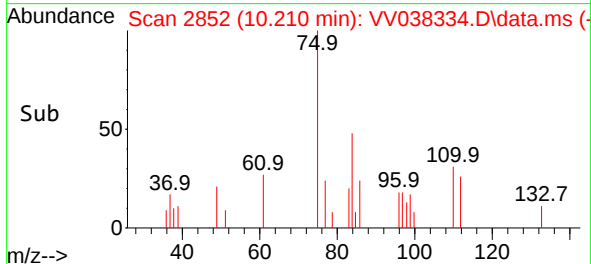
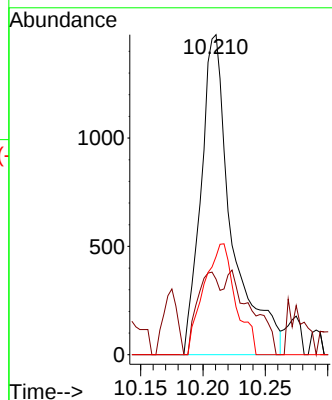
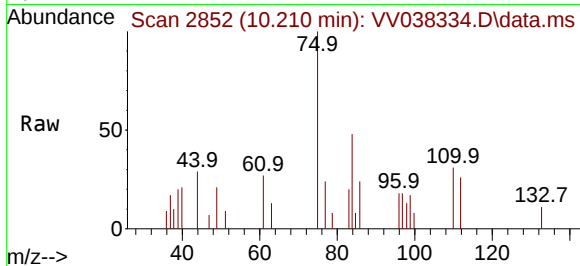




#61
1,2,3-Trichloropropane
Concen: 0.334 ug/L
RT: 10.210 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

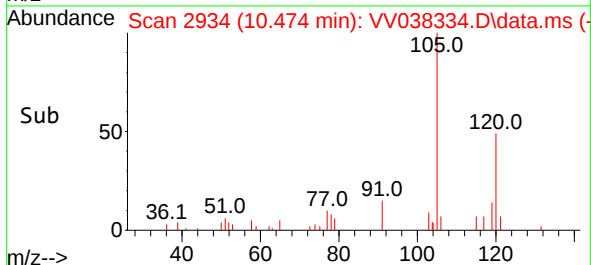
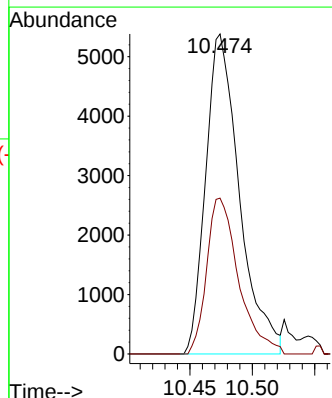
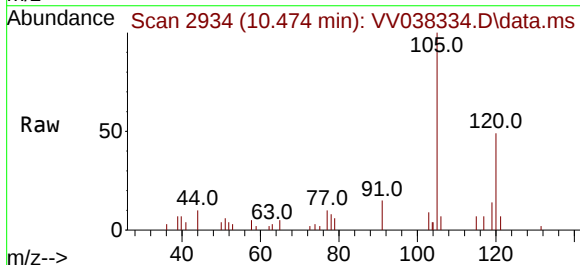
Instrument :
MSVOA_V
ClientSampleId :

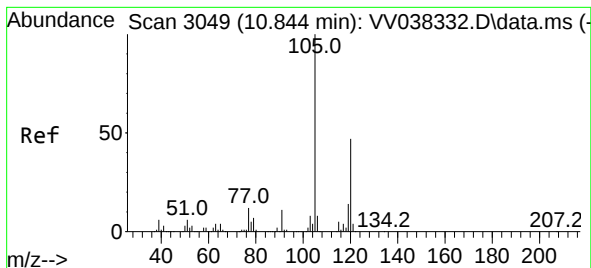
Tgt Ion: 75 Resp: 2539
Ion Ratio Lower Upper
75 100
77 18.5 26.4 39.6#
110 0.0 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.249 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.006 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

Tgt Ion: 105 Resp: 10125
Ion Ratio Lower Upper
105 100
120 46.0 39.2 58.8





#63

1,2,4-Trimethylbenzene

Concen: 0.221 ug/L

RT: 10.853 min Scan# 3049

Delta R.T. 0.010 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

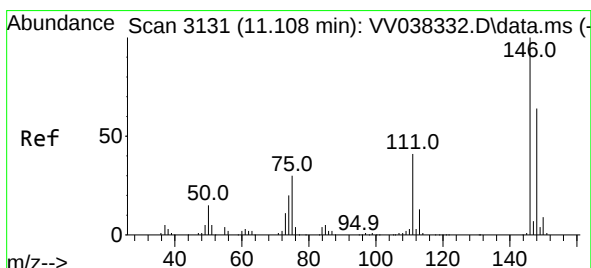
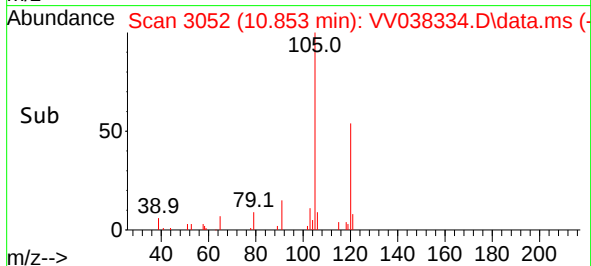
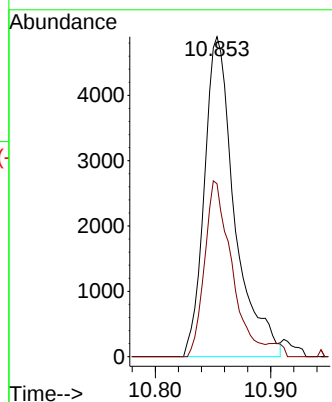
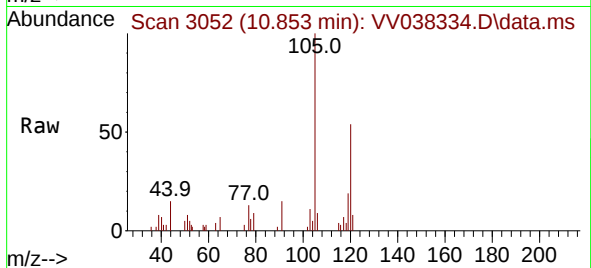
ClientSampleId :

Tgt Ion:105 Resp: 8933

Ion Ratio Lower Upper

105 100

120 48.9 37.0 55.4



#64

1,3-Dichlorobenzene

Concen: 0.275 ug/L

RT: 11.120 min Scan# 3135

Delta R.T. 0.013 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

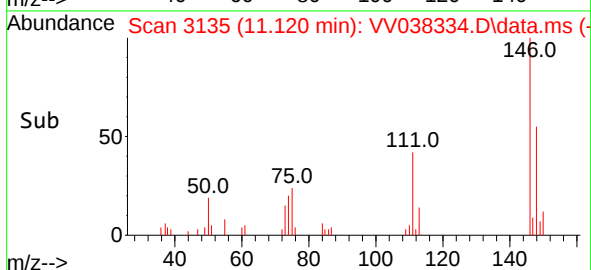
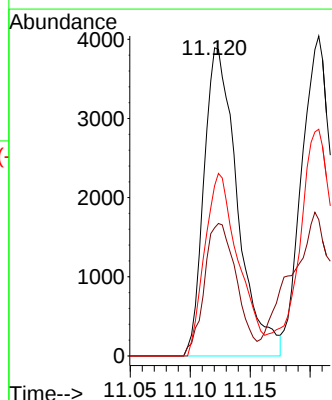
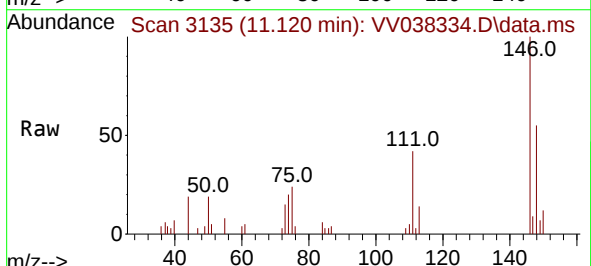
Tgt Ion:146 Resp: 7565

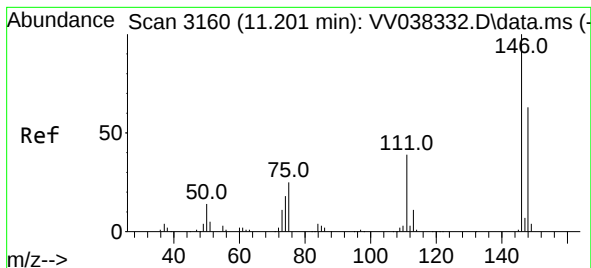
Ion Ratio Lower Upper

146 100

111 41.6 28.2 52.4

148 55.2 44.2 82.2





#65

1,4-Dichlorobenzene

Concen: 0.300 ug/L

RT: 11.207 min Scan# 3160

Delta R.T. 0.006 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

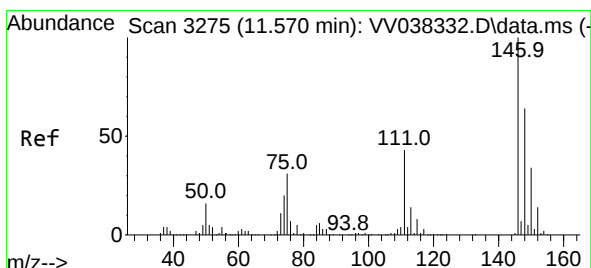
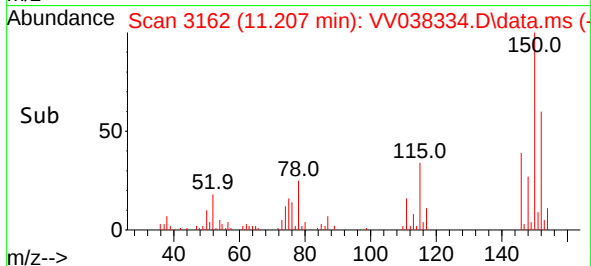
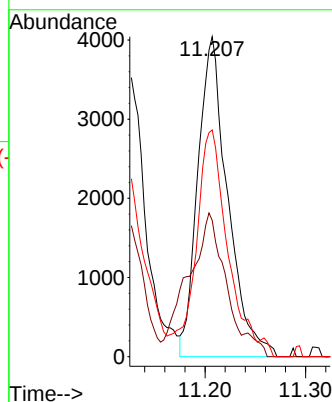
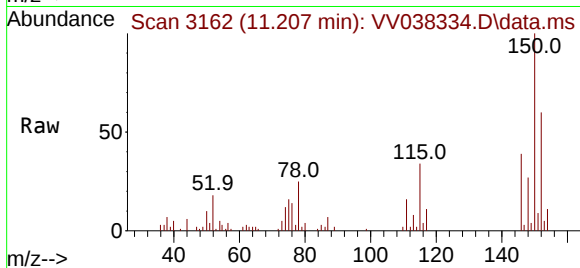
Tgt Ion:146 Resp: 8323

Ion Ratio Lower Upper

146 100

111 42.6 27.4 50.8

148 70.8 44.4 82.4



#67

1,2-Dichlorobenzene

Concen: 0.314 ug/L

RT: 11.574 min Scan# 3276

Delta R.T. 0.003 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

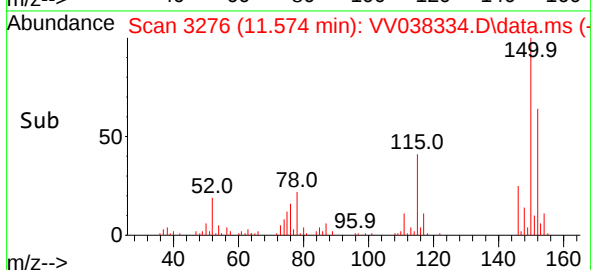
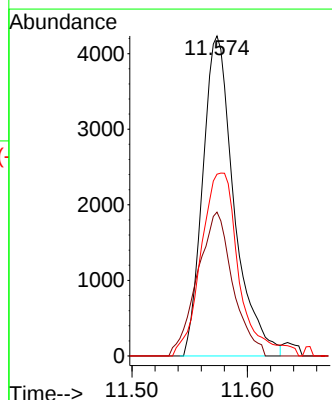
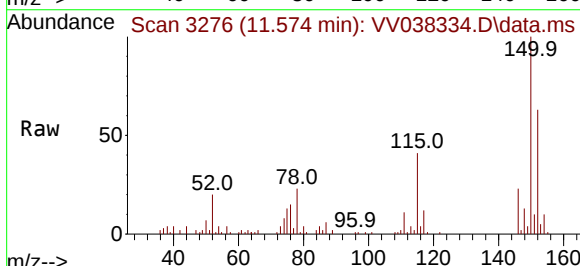
Tgt Ion:146 Resp: 7981

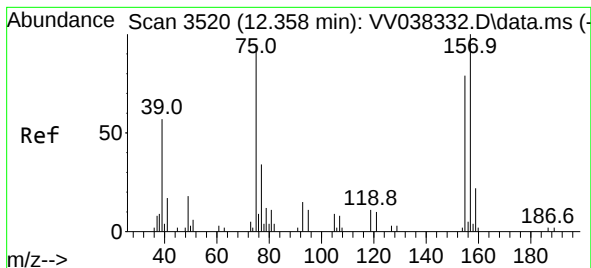
Ion Ratio Lower Upper

146 100

111 45.0 34.2 51.2

148 56.8 51.0 76.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.163 ug/L

RT: 12.371 min Scan# 3524

Delta R.T. 0.013 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Instrument :

MSVOA_V

ClientSampleId :

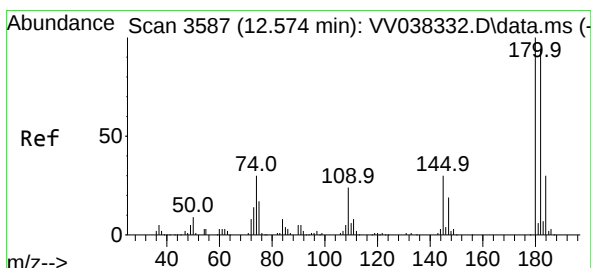
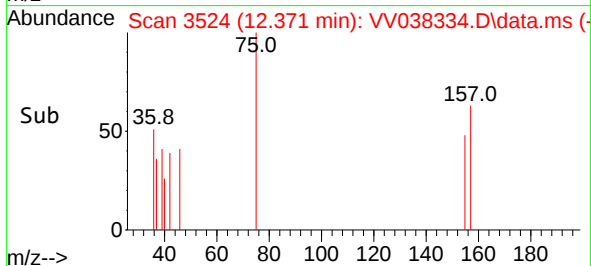
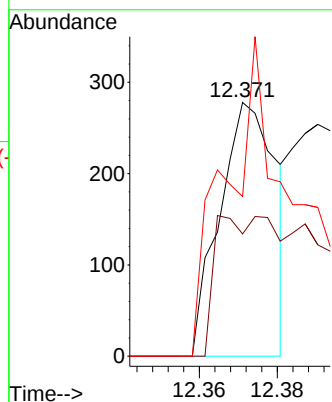
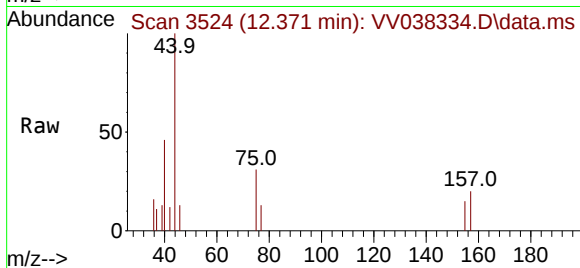
Tgt Ion: 75 Resp: 278

Ion Ratio Lower Upper

75 100

155 48.2 67.5 101.3#

157 62.9 82.7 124.1#



#69

1,3,5-Trichlorobenzene

Concen: 0.256 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.013 min

Lab File: VV038334.D

Acq: 25 Nov 2024 11:14

Tgt Ion:180 Resp: 4980

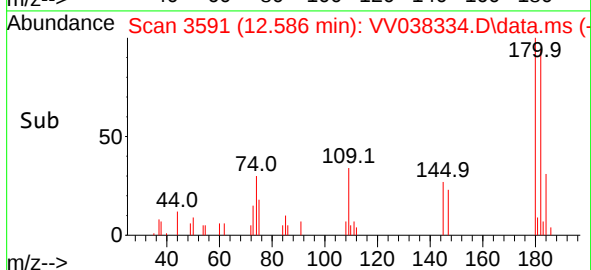
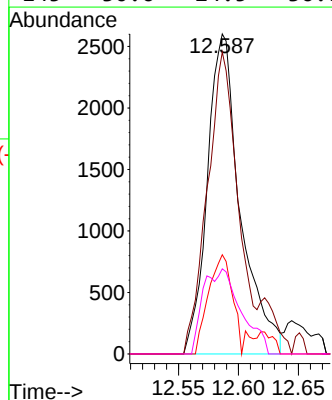
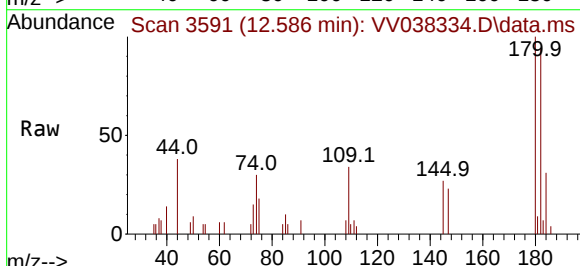
Ion Ratio Lower Upper

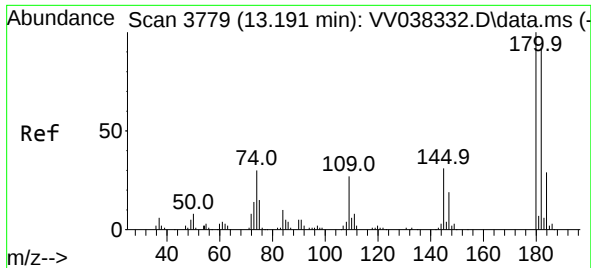
180 100

182 86.6 76.0 114.0

184 22.3 23.7 35.5#

145 30.6 24.5 36.7

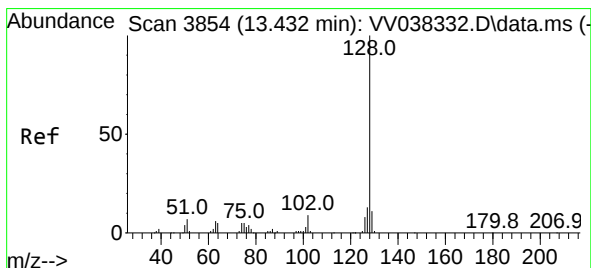
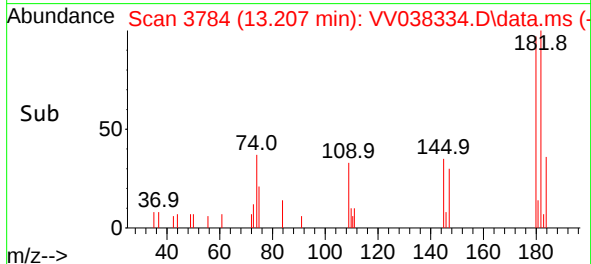
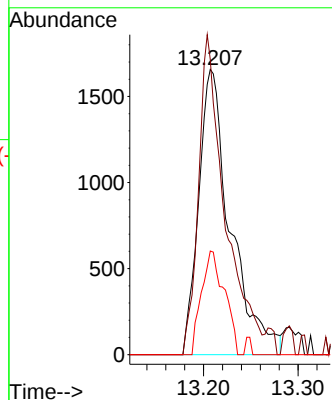
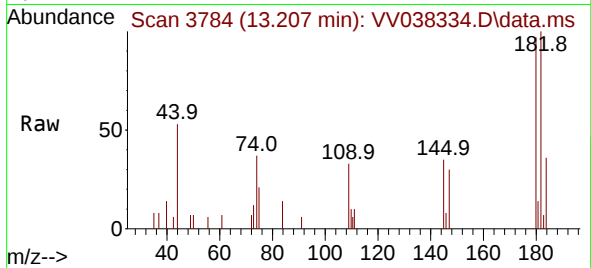




#70
1,2,4-trichlorobenzene
Concen: 0.240 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

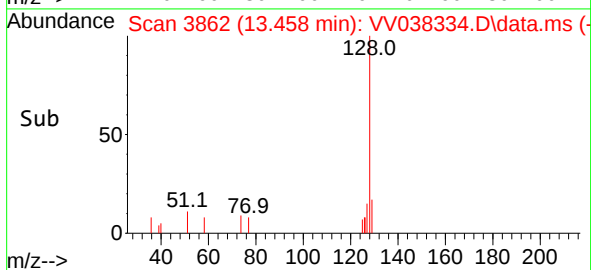
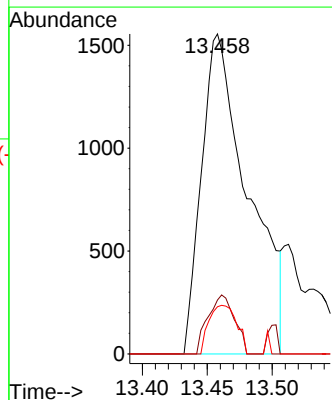
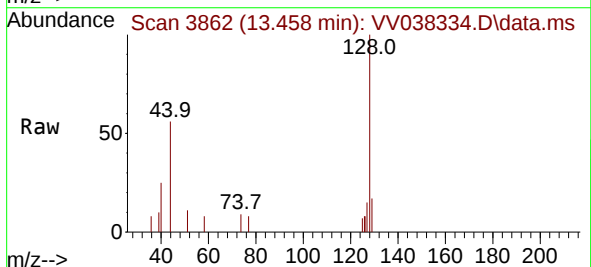
Instrument :
MSVOA_V
ClientSampleId :

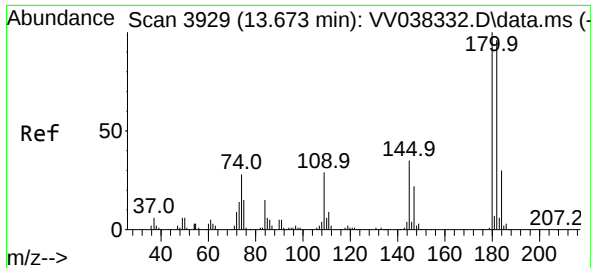
Tgt Ion:180 Resp: 3858
Ion Ratio Lower Upper
180 100
182 93.3 73.8 110.8
145 26.3 24.6 37.0



#71
Naphthalene
Concen: 0.155 ug/L
RT: 13.458 min Scan# 3862
Delta R.T. 0.026 min
Lab File: VV038334.D
Acq: 25 Nov 2024 11:14

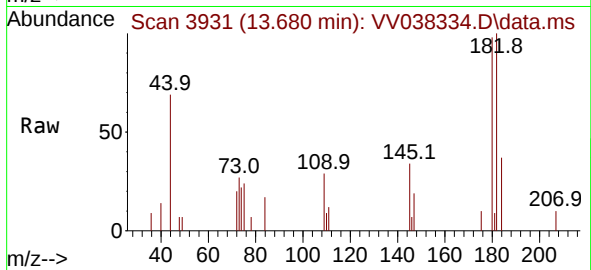
Tgt Ion:128 Resp: 3870
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 9.0 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.193 ug/L
 RT: 13.680 min Scan# 3929
 Delta R.T. 0.006 min
 Lab File: VV038334.D
 Acq: 25 Nov 2024 11:14

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	109.3	75.1	112.7
145	15.0	27.0	40.4

