

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112124\
 Data File : VV038239.D
 Acq On : 21 Nov 2024 14:22
 Operator : SY/MD
 Sample : P4776-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 22 01:46:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 22 01:41:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	243236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	257008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	116458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58378	3.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.526	69	58494	3.879	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.053	65	26577	3.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.200%
20) 2-Butanone-d5	3.786	46	173210	46.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.880%
24) Chloroform-d	4.243	84	146807	4.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.937	65	69389	4.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	4.953	84	226582	3.411	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.200%#
36) 1,2-Dichloropropane-d6	5.982	67	83440	4.082	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.240	98	173489	2.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	56.400%#
43) trans-1,3-Dichloroprop...	7.558	79	26397	3.474	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.400%
46) 2-Hexanone-d5	8.018	63	127137	43.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	80822	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	11.554	152	85305	4.299	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.102	85	5729	0.249	ug/L	99
3) Chloromethane	1.214	50	5607	0.283	ug/L	96
5) Vinyl chloride	1.278	62	5933	0.264	ug/L #	71
6) Bromomethane	1.484	94	3409	0.389	ug/L	87
8) Chloroethane	1.542	64	4283	0.299	ug/L	99
9) Trichlorofluoromethane	1.709	101	8149	0.255	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5392	0.296	ug/L	85
12) 1,1-Dichloroethene	2.063	96	4957	0.285	ug/L #	1
14) Carbon disulfide	2.233	76	13362	0.239	ug/L	98
15) Methyl Acetate	2.394	43	1573	0.235	ug/L #	63
16) Methylene chloride	2.442	84	5524	0.279	ug/L	96
17) Methyl tert-butyl Ether	2.700	73	8775	0.223	ug/L	97
18) trans-1,2-Dichloroethene	2.693	96	4351	0.238	ug/L	91
19) 1,1-Dichloroethane	3.111	63	8249	0.248	ug/L	93
22) cis-1,2-Dichloroethene	3.815	96	4942	0.261	ug/L	93
27) 1,2-Dichloroethane	5.066	62	3536	0.183	ug/L #	91
29) 1,1,1-Trichloroethane	4.507	97	7983	0.259	ug/L	96
30) Cyclohexane	4.571	56	5677	0.222	ug/L	97
31) Carbon tetrachloride	4.728	117	5922	0.218	ug/L	97

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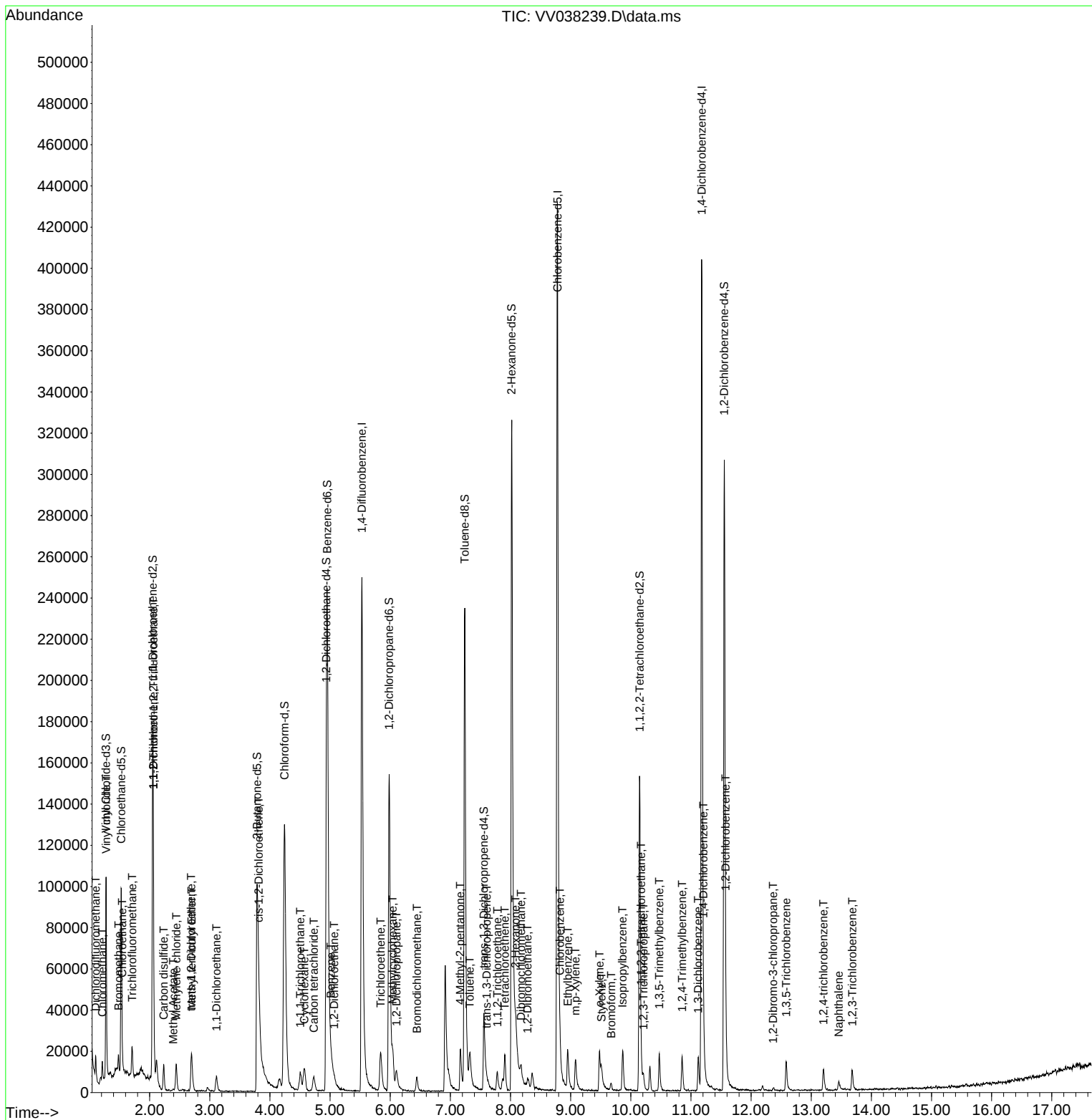
Instrument :
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 ClientSampleId :

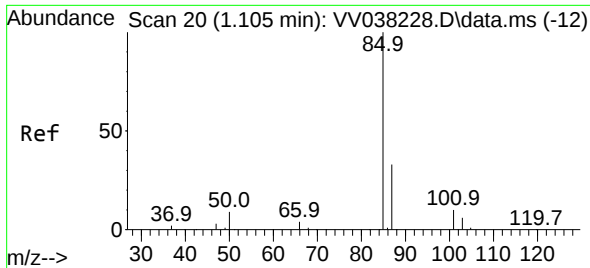
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	5.011	78	18653	0.258	ug/L	100
34) Trichloroethene	5.841	95	7351	0.374	ug/L	95
35) Methylcyclohexane	6.040	83	5659	0.203	ug/L	98
37) 1,2-Dichloropropane	6.101	63	4907	0.271	ug/L #	93
38) Bromodichloromethane	6.445	83	5278	0.217	ug/L #	91
40) 4-Methyl-2-pentanone	7.166	43	16605	1.754	ug/L #	81
42) Toluene	7.323	91	14609	0.191	ug/L	100
44) trans-1,3-Dichloropropene	7.603	75	1966	0.092	ug/L	92
45) 1,1,2-Trichloroethane	7.780	97	3343	0.228	ug/L	93
47) Tetrachloroethene	7.905	164	4305	0.272	ug/L	95
48) 2-Hexanone	8.085	43	22511	3.280	ug/L #	75
49) Dibromochloromethane	8.175	129	3894	0.244	ug/L	97
50) 1,2-Dibromoethane	8.284	107	3541	0.260	ug/L #	86
51) Chlorobenzene	8.821	112	12619	0.240	ug/L	95
52) Ethylbenzene	8.953	91	15808	0.195	ug/L	99
53) m,p-Xylene	9.082	106	5122	0.167	ug/L	93
54) o-Xylene	9.481	106	5323	0.179	ug/L	84
55) Styrene	9.513	104	6666	0.127	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	4411	0.257	ug/L #	85
59) Bromoform	9.674	173	1611	0.238	ug/L #	84
60) Isopropylbenzene	9.863	105	14101	0.210	ug/L	94
61) 1,2,3-Trichloropropane	10.214	75	2707	0.271	ug/L	91
62) 1,3,5-Trimethylbenzene	10.474	105	11255	0.211	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	10354	0.195	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	7739	0.215	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	9473	0.260	ug/L	95
67) 1,2-Dichlorobenzene	11.577	146	8642	0.259	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.368	75	443	0.198	ug/L #	81
69) 1,3,5-Trichlorobenzene	12.583	180	5472	0.214	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4246	0.201	ug/L	96
71) Naphthalene	13.458	128	4465	0.136	ug/L #	83
72) 1,2,3-Trichlorobenzene	13.683	180	3698	0.190	ug/L	98

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

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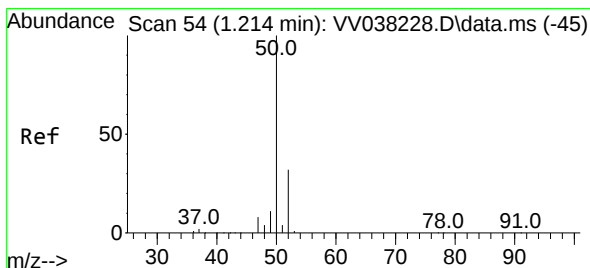
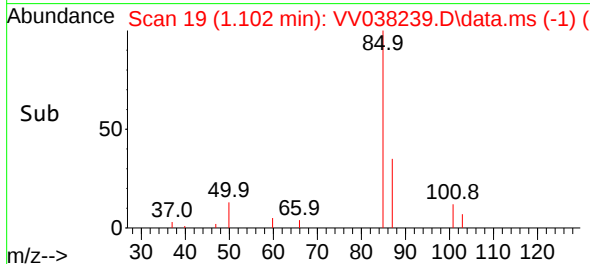
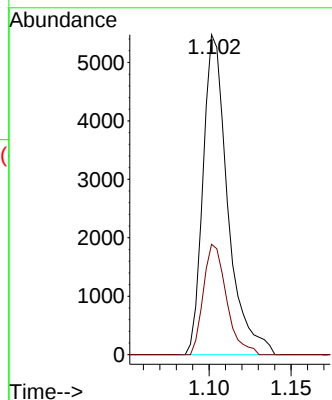
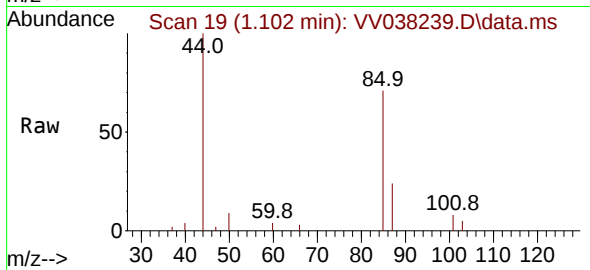




#2
Dichlorodifluoromethane
Concen: 0.249 ug/L
RT: 1.102 min Scan# 19
Delta R.T. -0.003 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

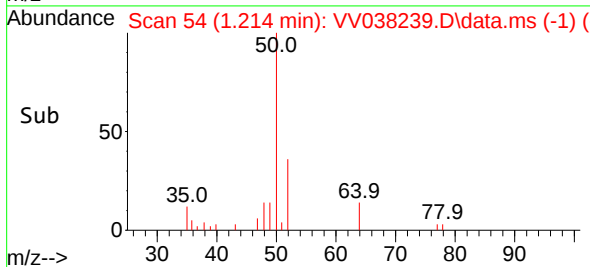
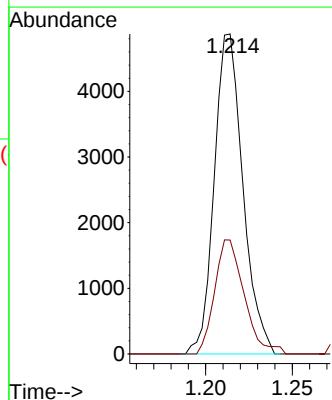
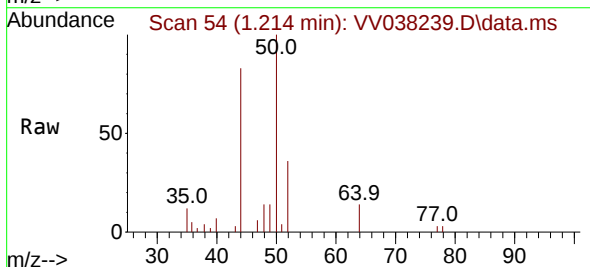
Instrument :
MSVOA_V
ClientSampleId :

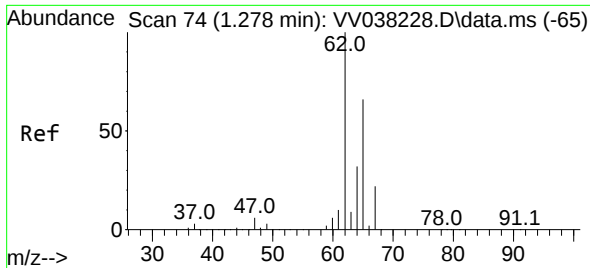
Tgt Ion: 85 Resp: 5729
Ion Ratio Lower Upper
85 100
87 32.3 26.5 39.7



#3
Chloromethane
Concen: 0.283 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 50 Resp: 5607
Ion Ratio Lower Upper
50 100
52 35.6 23.5 43.7

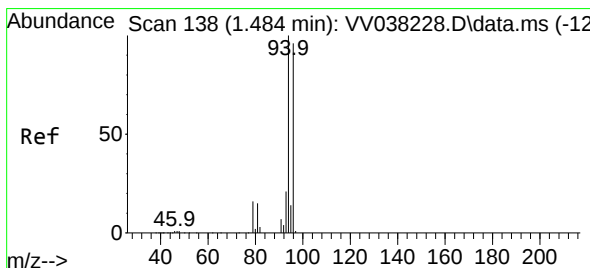
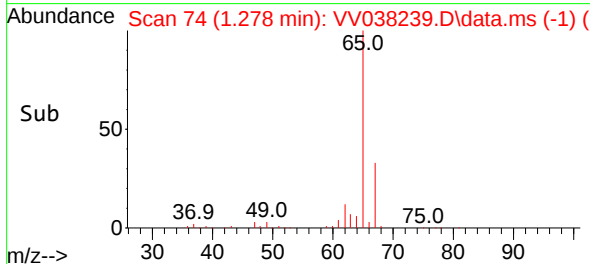
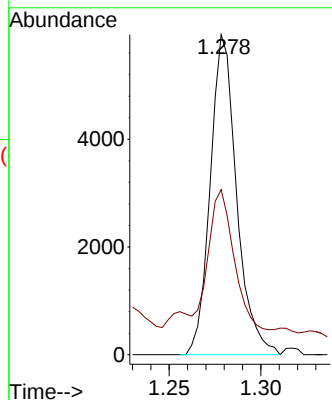
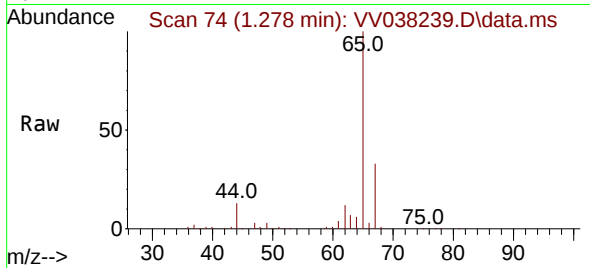




#5
 Vinyl chloride
 Concen: 0.264 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

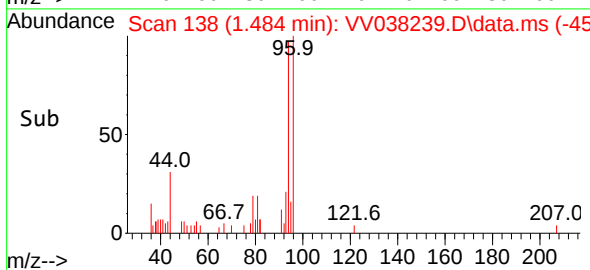
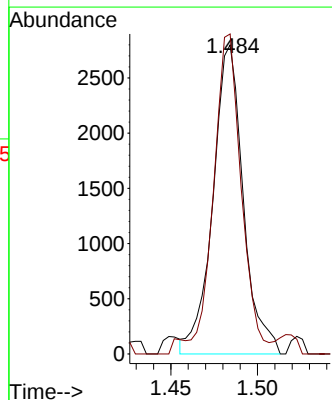
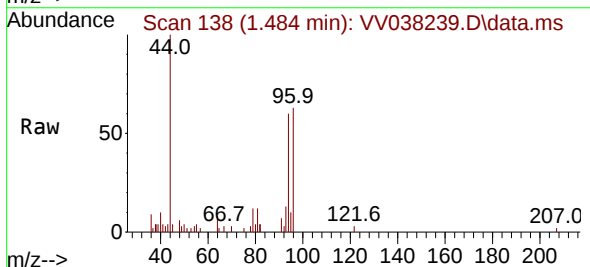
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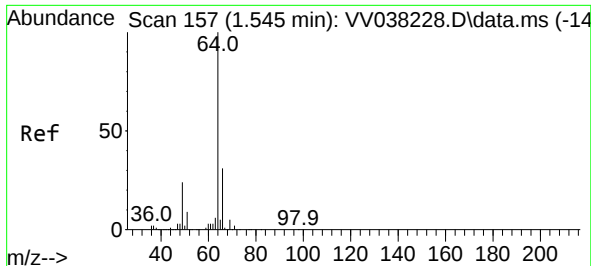
Tgt Ion: 62 Resp: 5933
 Ion Ratio Lower Upper
 62 100
 64 51.6 24.4 45.4#



#6
 Bromomethane
 Concen: 0.389 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

Tgt Ion: 94 Resp: 3409
 Ion Ratio Lower Upper
 94 100
 96 103.5 63.7 118.3

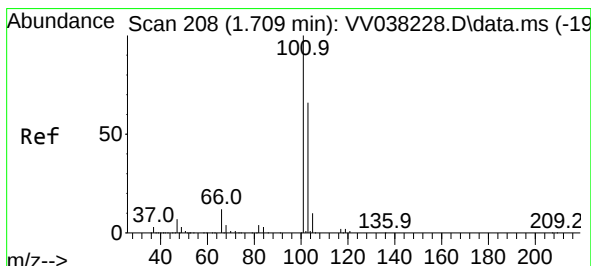
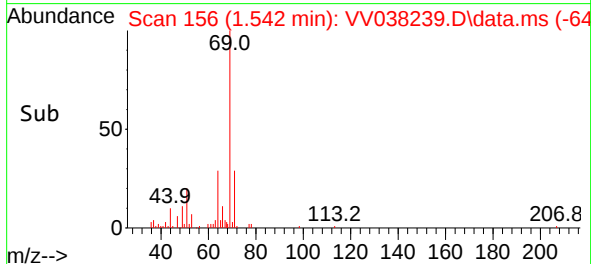
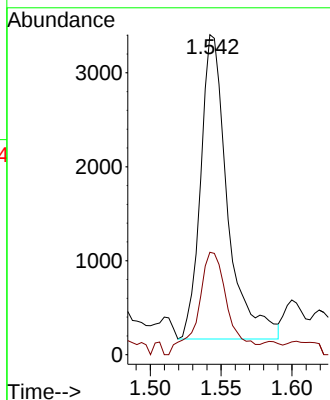
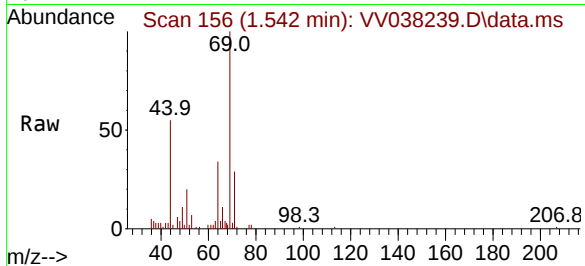




#8
Chloroethane
Concen: 0.299 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.003 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

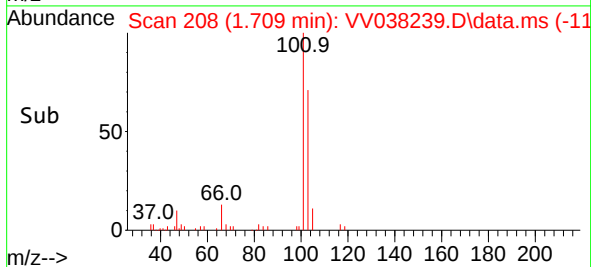
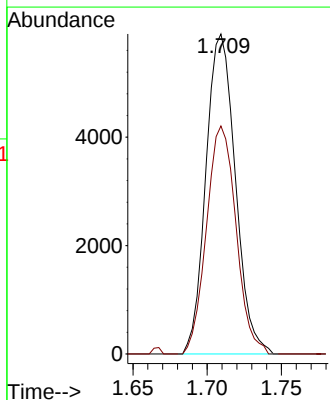
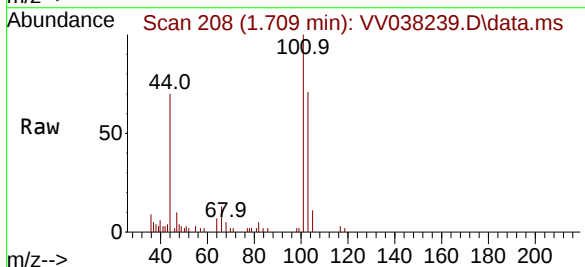
Instrument :
MSVOA_V
ClientSampleId :

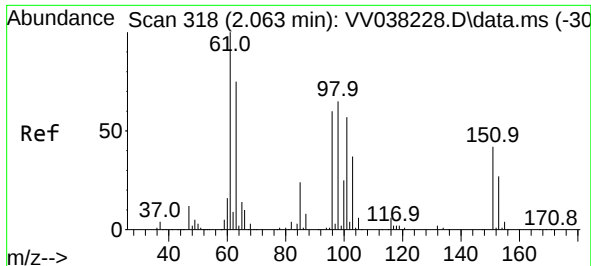
Tgt Ion: 64 Resp: 4283
Ion Ratio Lower Upper
64 100
66 32.0 22.0 40.8



#9
Trichlorofluoromethane
Concen: 0.255 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 101 Resp: 8149
Ion Ratio Lower Upper
101 100
103 71.6 51.5 77.3

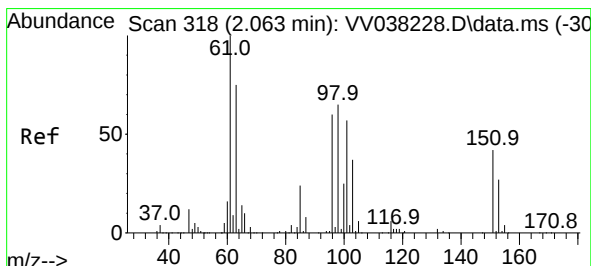
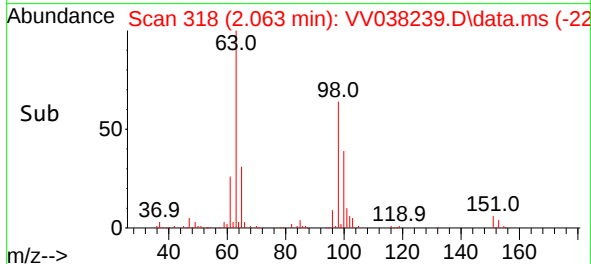
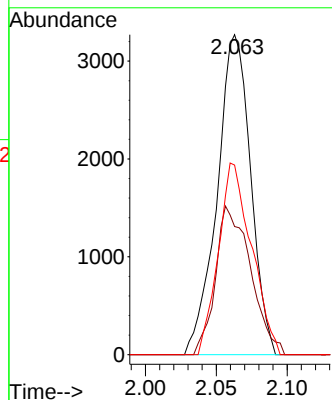
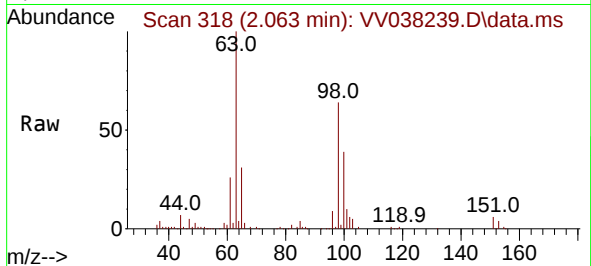




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.296 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

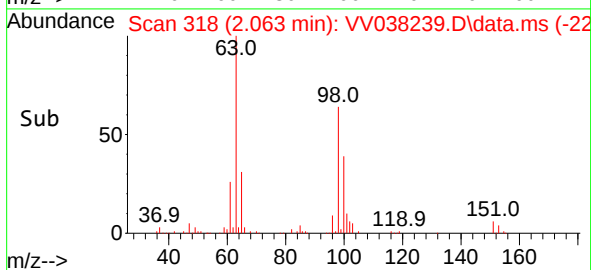
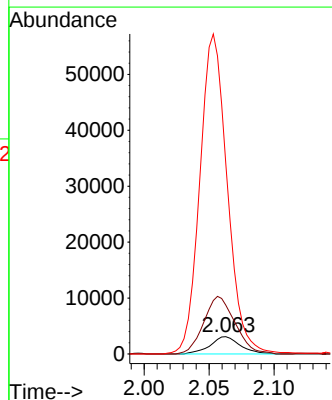
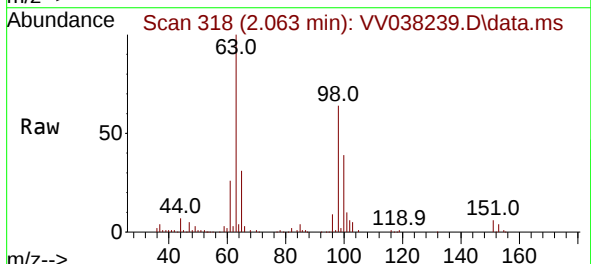
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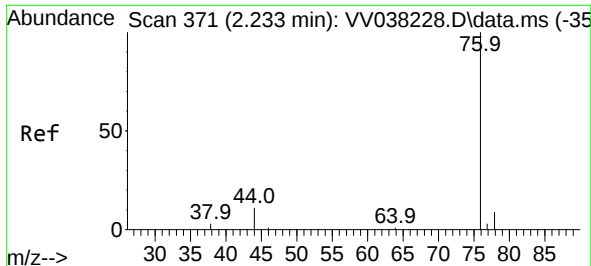
Tgt Ion:101 Resp: 5392
 Ion Ratio Lower Upper
 101 100
 85 48.4 33.4 50.0
 151 59.1 58.8 88.2



#12
 1,1-Dichloroethene
 Concen: 0.285 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

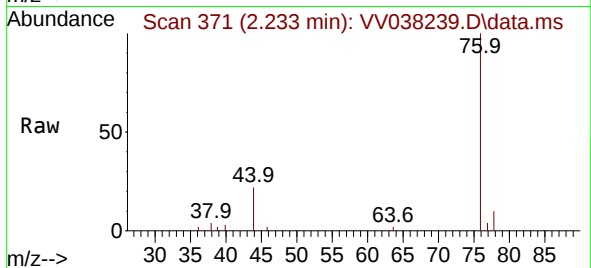
Tgt Ion: 96 Resp: 4957
 Ion Ratio Lower Upper
 96 100
 61 283.8 115.7 214.9#
 63 1105.5 101.1 187.7#



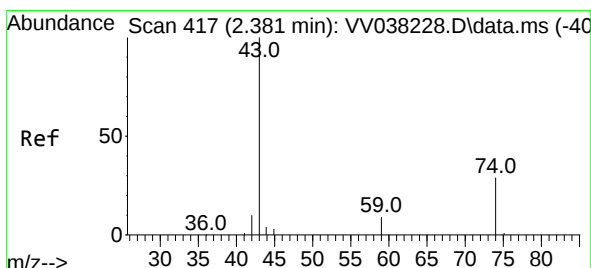
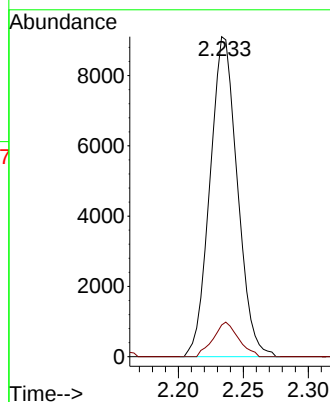
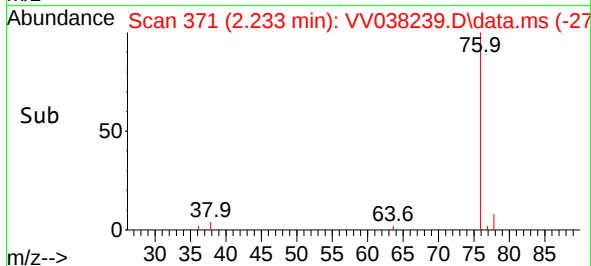


#14
Carbon disulfide
Concen: 0.239 ug/L
RT: 2.233 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

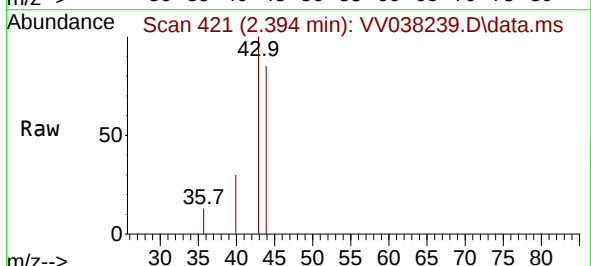
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ClientSampleId :



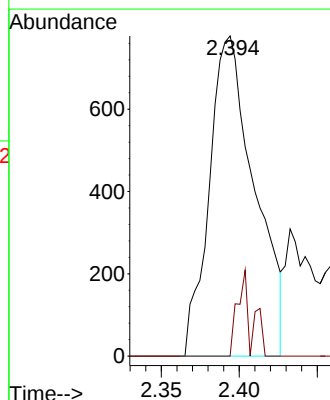
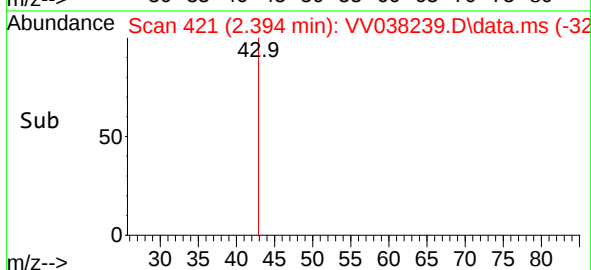
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Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.0

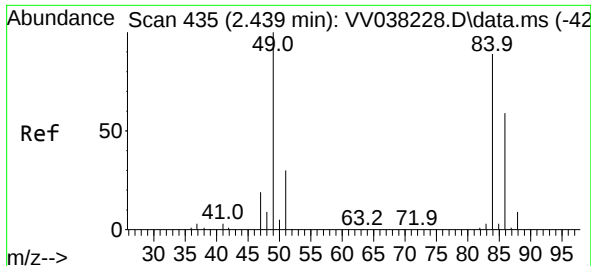


#15
Methyl Acetate
Concen: 0.235 ug/L
RT: 2.394 min Scan# 421
Delta R.T. 0.013 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22



Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
74 8.4 22.4 33.6#

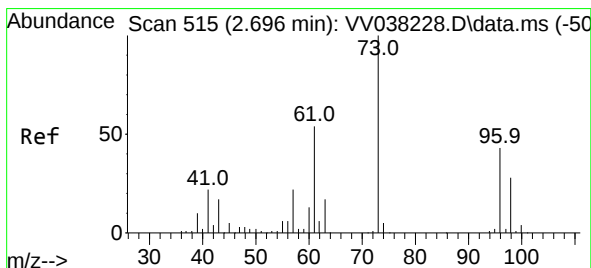
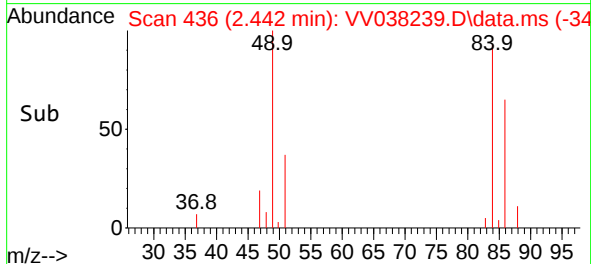
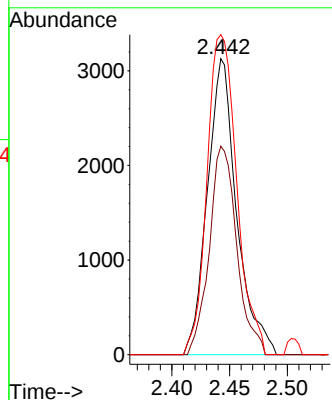
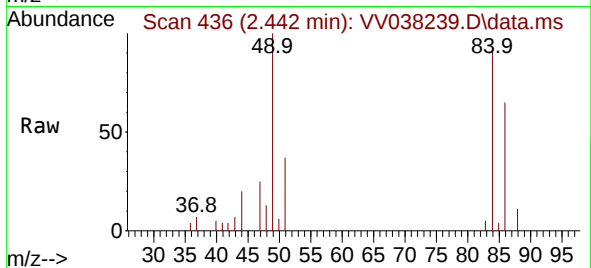




#16
Methylene chloride
Concen: 0.279 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

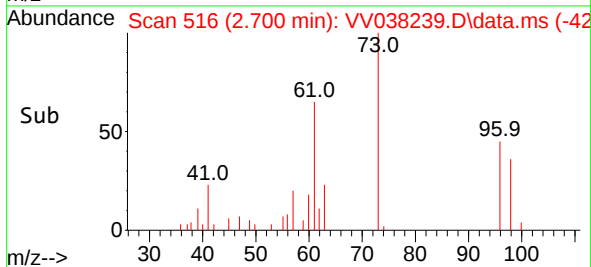
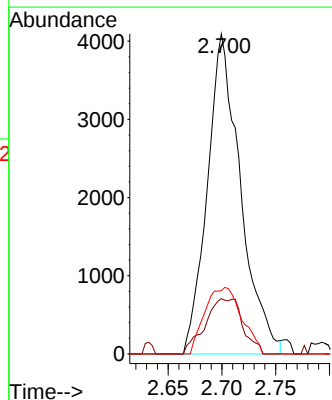
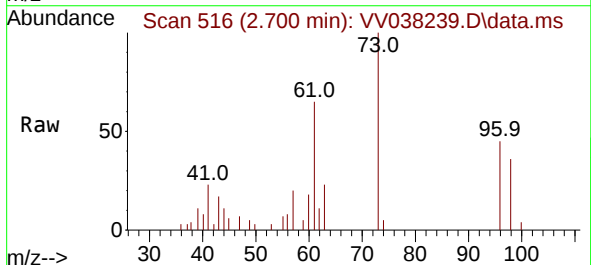
Instrument :
MSVOA_V
ClientSampleId :

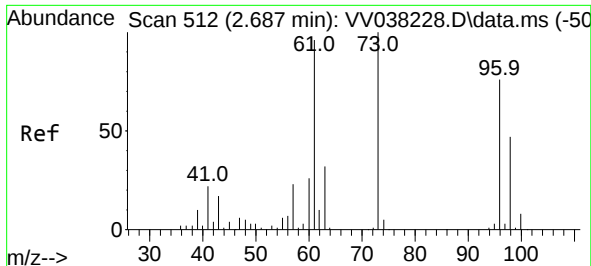
Tgt Ion: 84 Resp: 5524
Ion Ratio Lower Upper
84 100
86 70.4 44.2 82.2
49 108.1 74.9 139.1



#17
Methyl tert-butyl Ether
Concen: 0.223 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

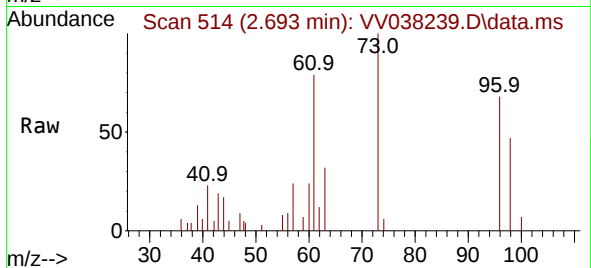
Tgt Ion: 73 Resp: 8775
Ion Ratio Lower Upper
73 100
43 19.4 14.2 21.2
57 23.1 17.6 26.4



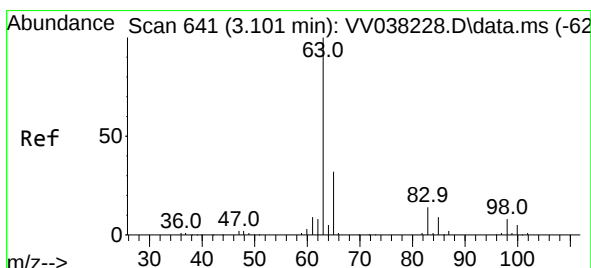
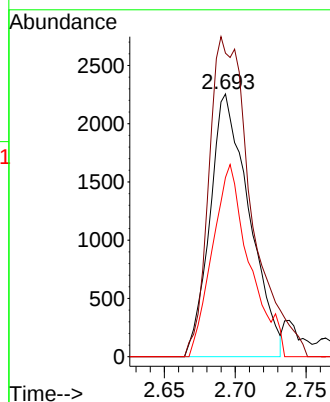
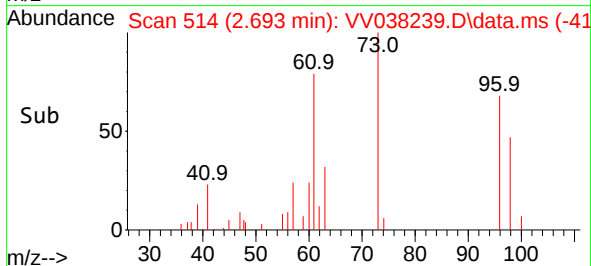


#18
trans-1,2-Dichloroethene
Concen: 0.238 ug/L
RT: 2.693 min Scan# 512
Delta R.T. 0.006 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

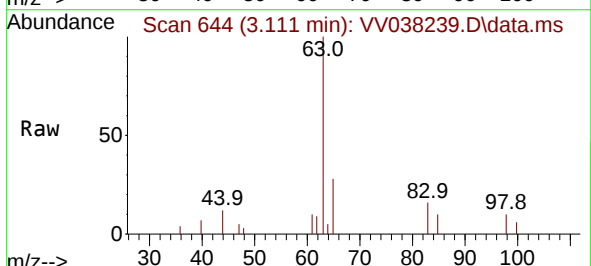
Instrument :
MSVOA_V
ClientSampleId :



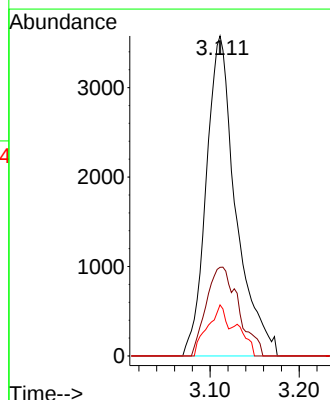
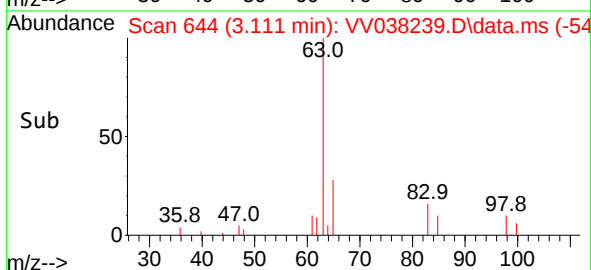
Tgt Ion:	96	Resp:	4351
Ion	Ratio	Lower	Upper
96	100		
61	115.5	88.5	164.4
98	68.2	43.9	81.5

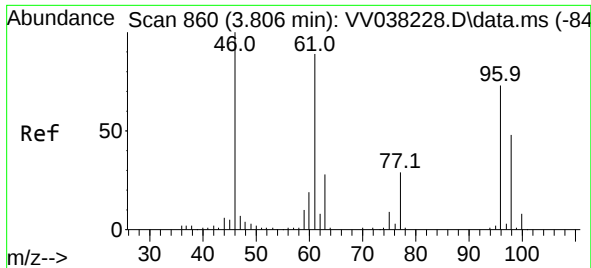


#19
1,1-Dichloroethane
Concen: 0.248 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22



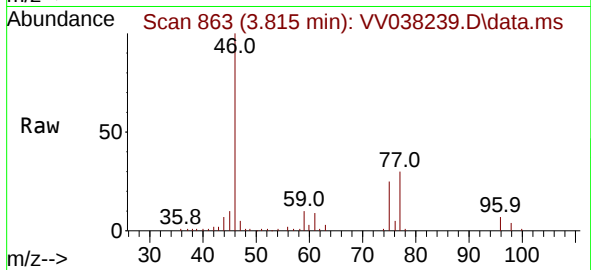
Tgt Ion:	63	Resp:	8249
Ion	Ratio	Lower	Upper
63	100		
65	27.7	22.5	41.7
83	16.0	10.1	18.9





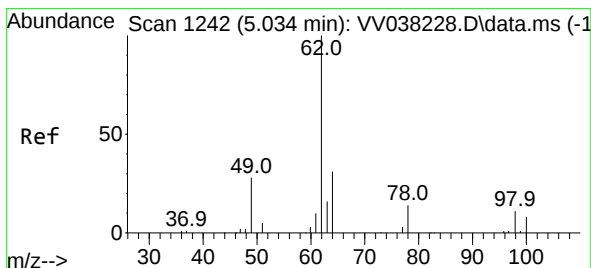
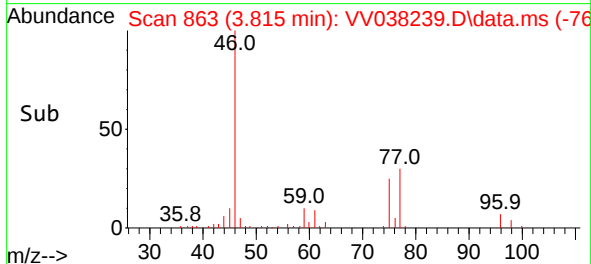
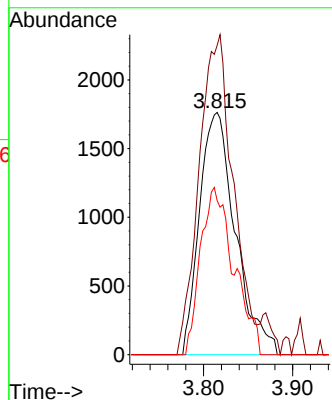
#22
 cis-1,2-Dichloroethene
 Concen: 0.261 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. 0.010 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 4942

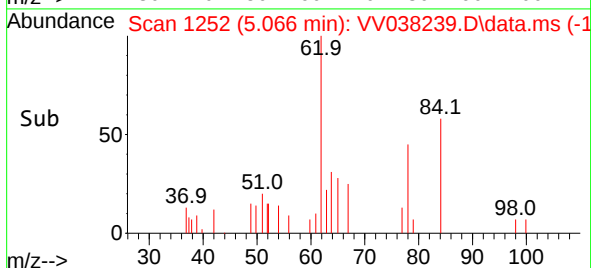
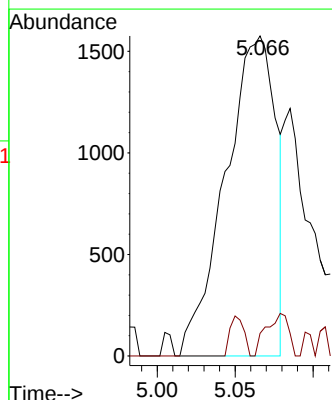
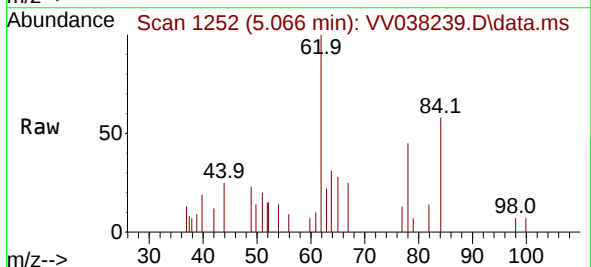
Ion	Ratio	Lower	Upper
96	100		
61	127.7	82.7	153.5
98	63.6	46.3	85.9

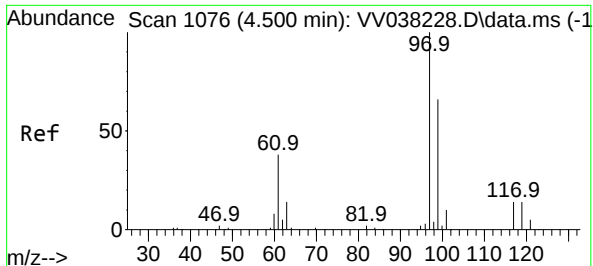


#27
 1,2-Dichloroethane
 Concen: 0.183 ug/L
 RT: 5.066 min Scan# 1252
 Delta R.T. 0.032 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

Tgt Ion: 62 Resp: 3536

Ion	Ratio	Lower	Upper
62	100		
98	7.0	8.2	12.4





#29

1,1,1-Trichloroethane

Concen: 0.259 ug/L

RT: 4.507 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

ClientSampleId :

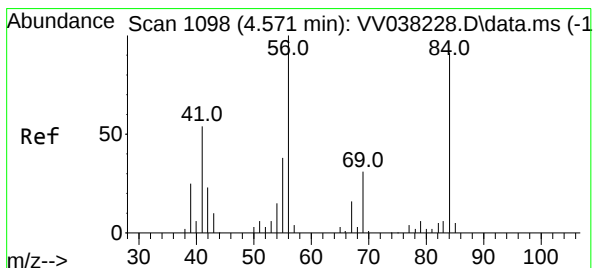
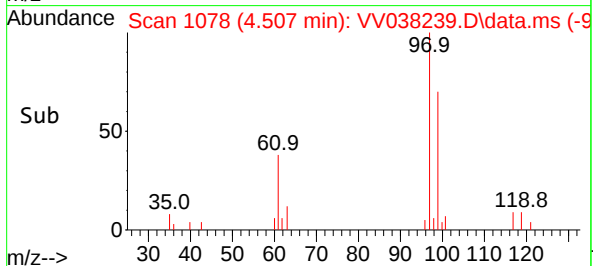
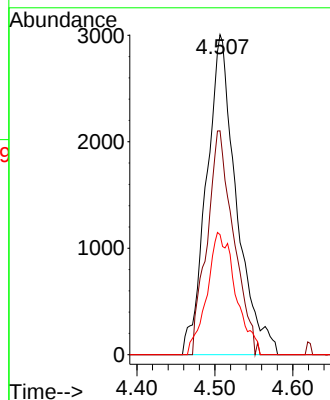
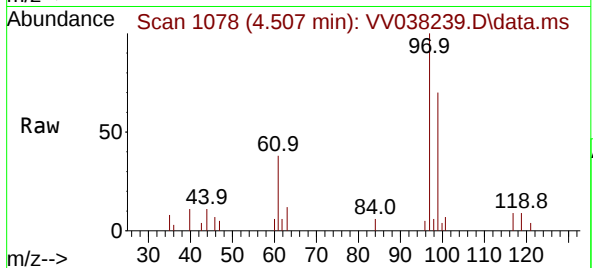
Tgt Ion: 97 Resp: 7983

Ion Ratio Lower Upper

97 100

99 62.3 51.8 77.8

61 36.9 32.2 48.2



#30

Cyclohexane

Concen: 0.222 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

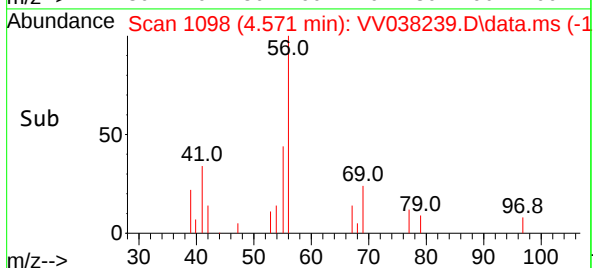
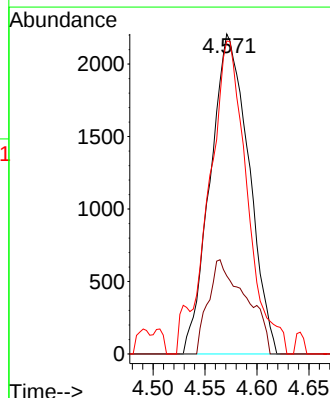
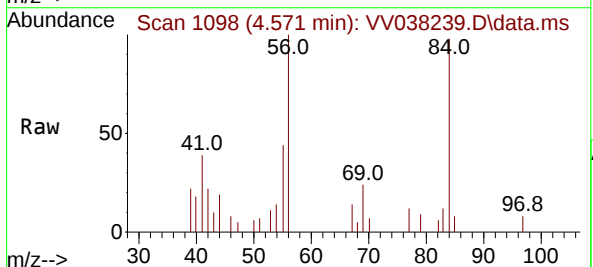
Tgt Ion: 56 Resp: 5677

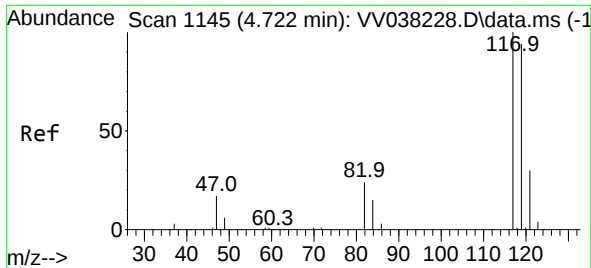
Ion Ratio Lower Upper

56 100

69 28.8 26.0 39.0

84 93.0 75.6 113.4

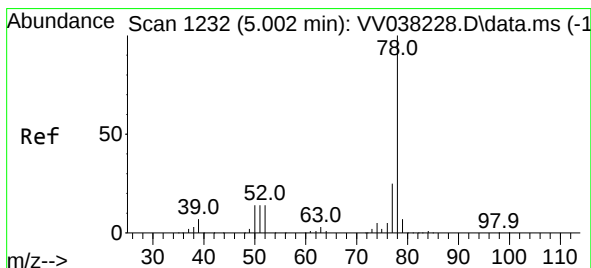
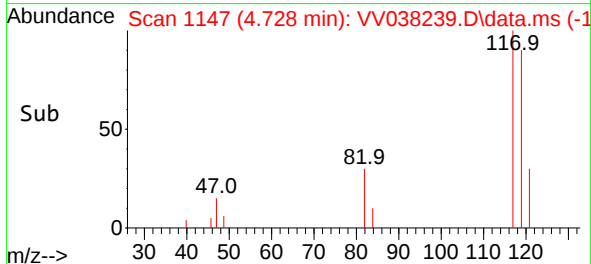
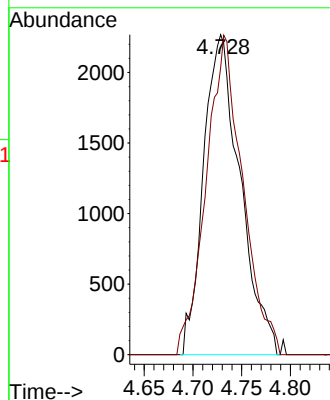
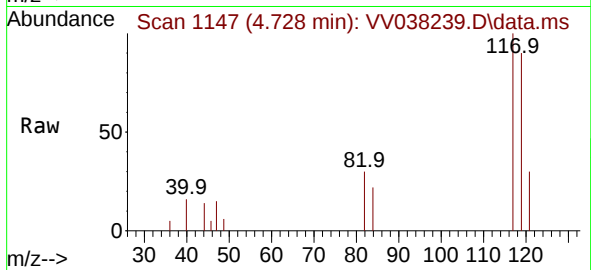




#31
Carbon tetrachloride
Concen: 0.218 ug/L
RT: 4.728 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

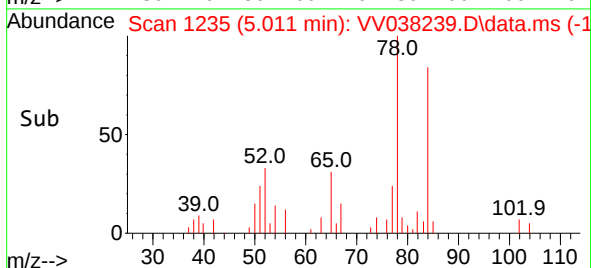
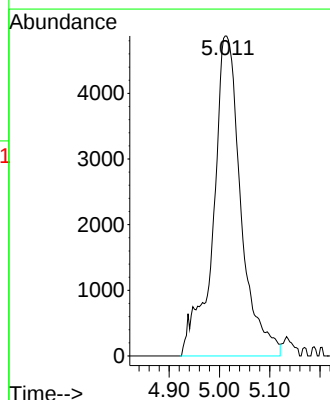
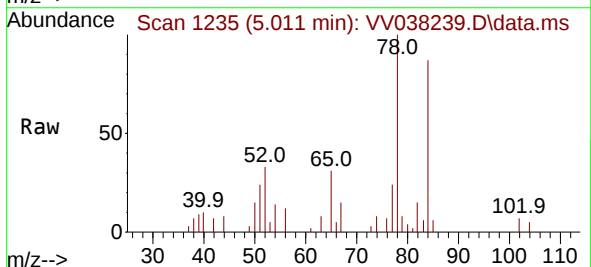
Instrument :
MSVOA_V
ClientSampleId :

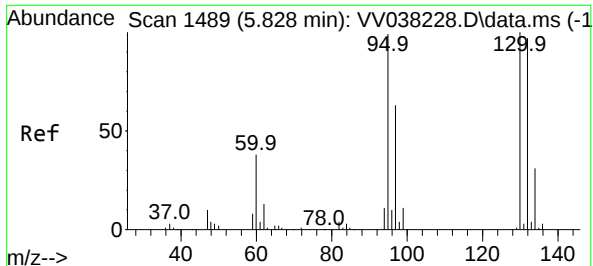
Tgt Ion:117 Resp: 5922
Ion Ratio Lower Upper
117 100
119 99.6 77.4 116.2



#33
Benzene
Concen: 0.258 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 78 Resp: 18653



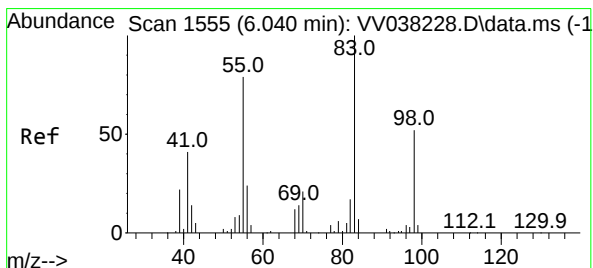
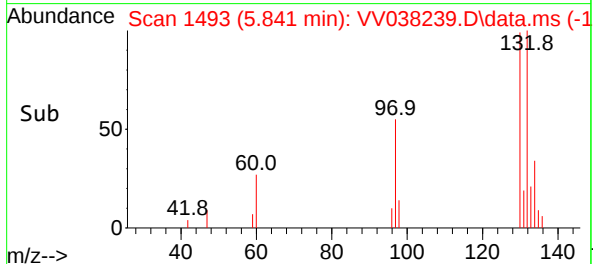
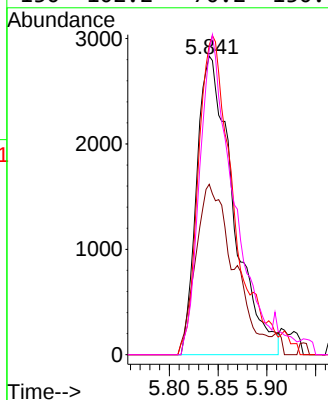
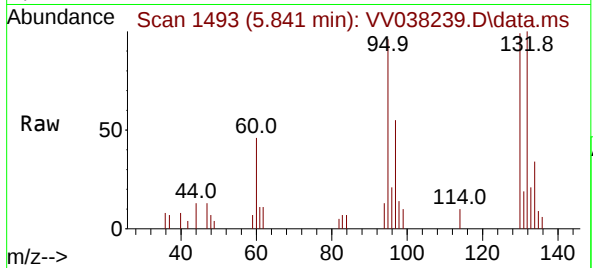


#34
Trichloroethene
Concen: 0.374 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 7351

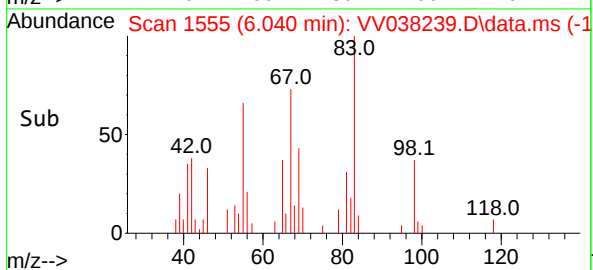
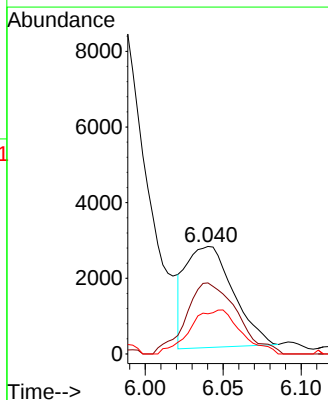
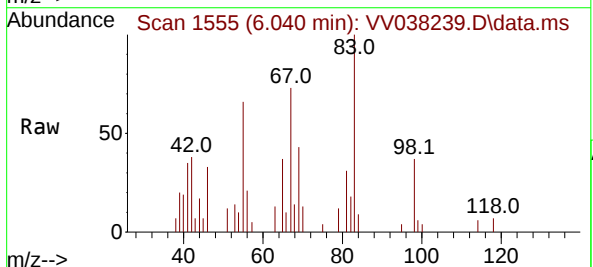
Ion	Ratio	Lower	Upper
95	100		
97	57.1	44.8	83.2
132	103.7	68.3	126.8
130	102.2	70.2	130.4

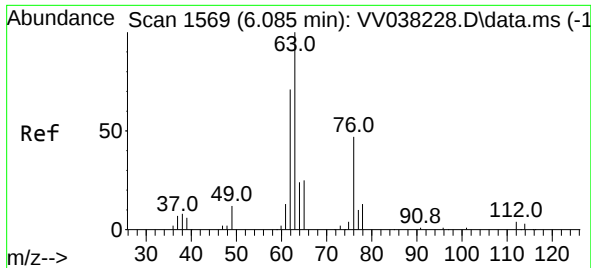


#35
Methylcyclohexane
Concen: 0.203 ug/L
RT: 6.040 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 83 Resp: 5659

Ion	Ratio	Lower	Upper
83	100		
55	75.9	59.7	89.5
98	46.4	39.0	58.4

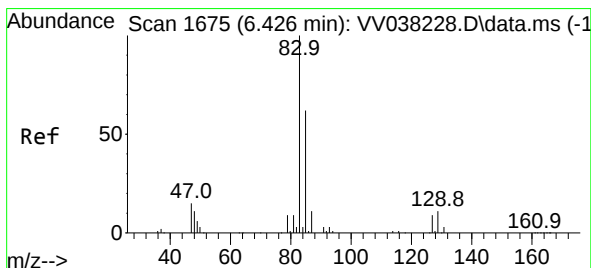
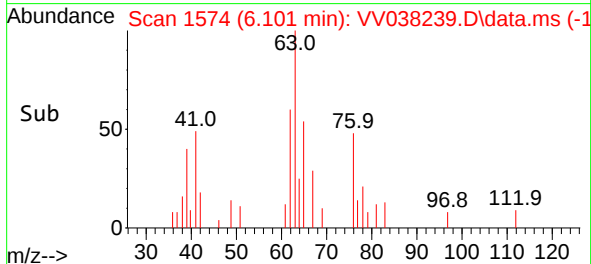
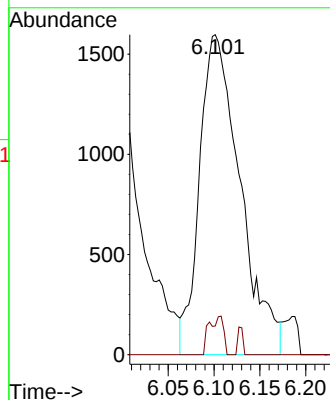
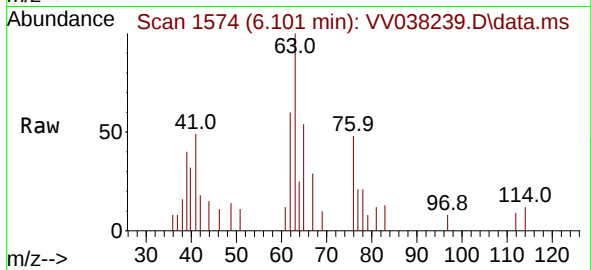




#37
1,2-Dichloropropane
Concen: 0.271 ug/L
RT: 6.101 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

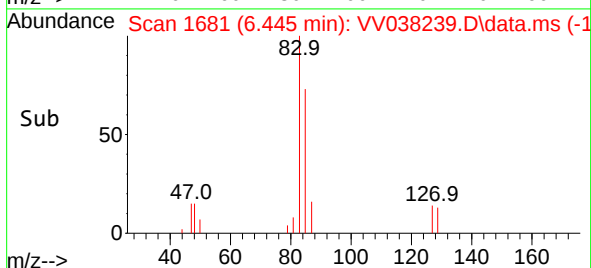
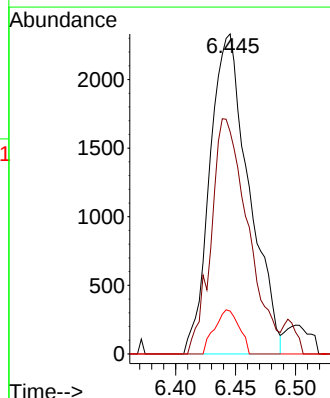
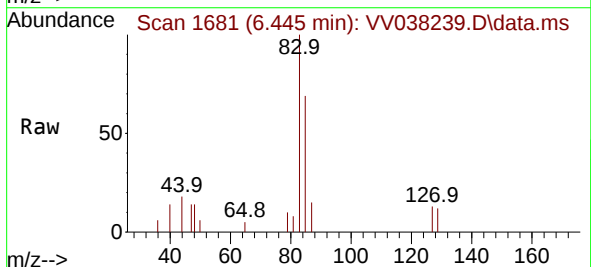
Instrument :
MSVOA_V
ClientSampleId :

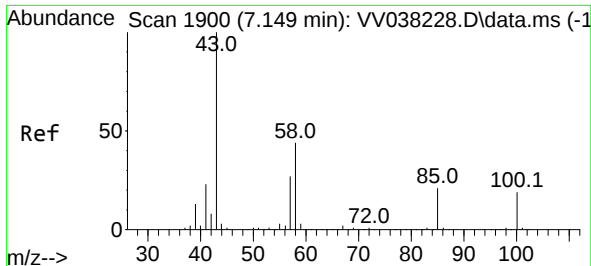
Tgt Ion: 63 Resp: 4907
Ion Ratio Lower Upper
63 100
112 2.5 3.9 5.9#



#38
Bromodichloromethane
Concen: 0.217 ug/L
RT: 6.445 min Scan# 1681
Delta R.T. 0.019 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 83 Resp: 5278
Ion Ratio Lower Upper
83 100
85 69.5 43.9 81.5
127 13.4 6.7 10.1#





#40

4-Methyl-2-pentanone

Concen: 1.754 ug/L

RT: 7.166 min Scan# 1905

Delta R.T. 0.016 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

ClientSampleId :

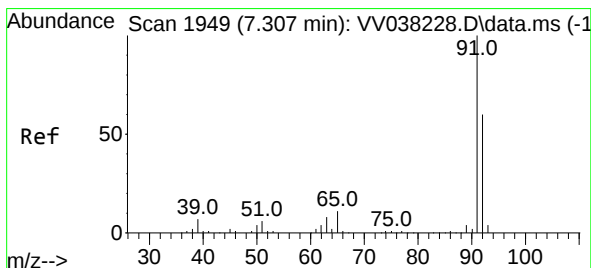
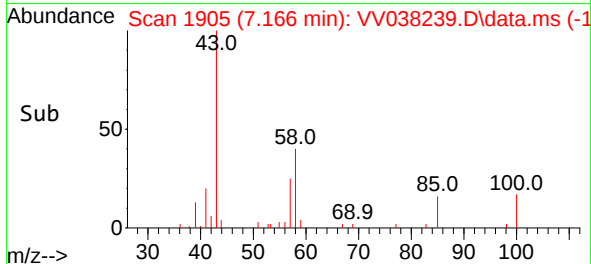
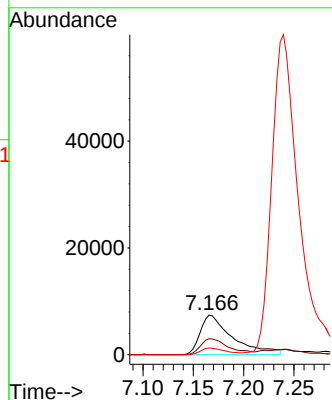
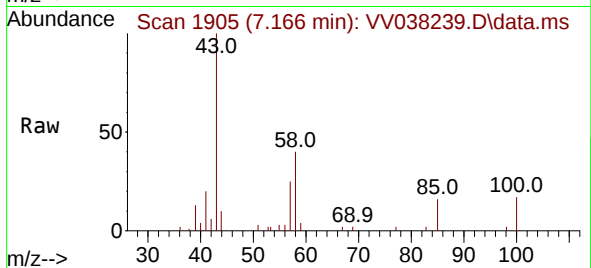
Tgt Ion: 43 Resp: 16605

Ion Ratio Lower Upper

43 100

58 35.2 33.4 50.2

100 0.0 14.3 21.5#



#42

Toluene

Concen: 0.191 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.016 min

Lab File: VV038239.D

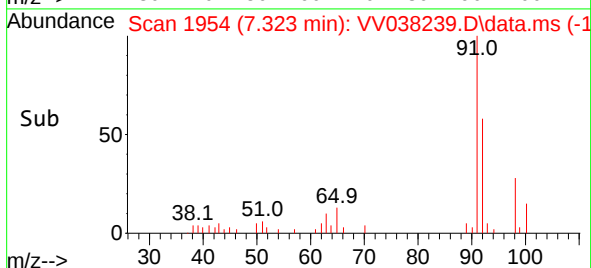
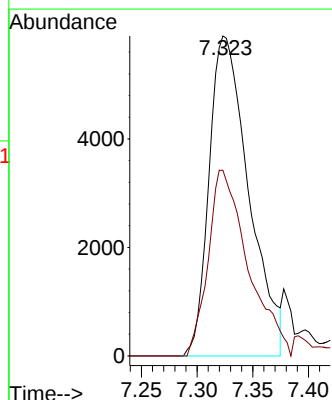
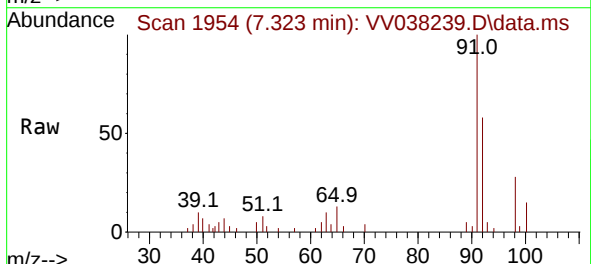
Acq: 21 Nov 2024 14:22

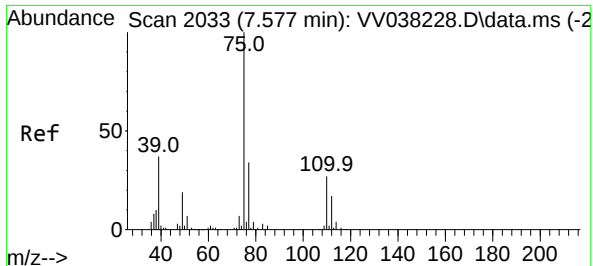
Tgt Ion: 91 Resp: 14609

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8

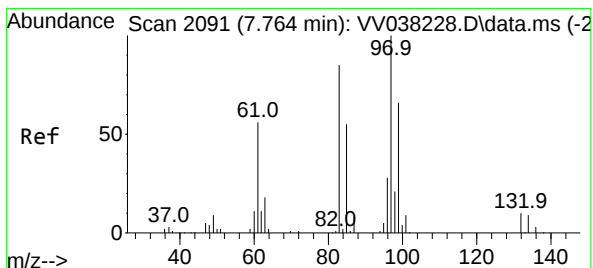
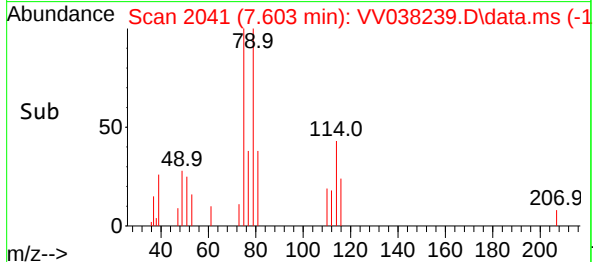
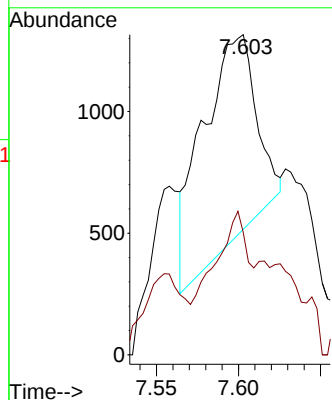
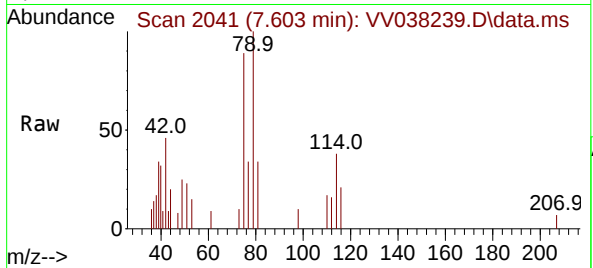




#44
trans-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.603 min Scan# 2041
Delta R.T. 0.026 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

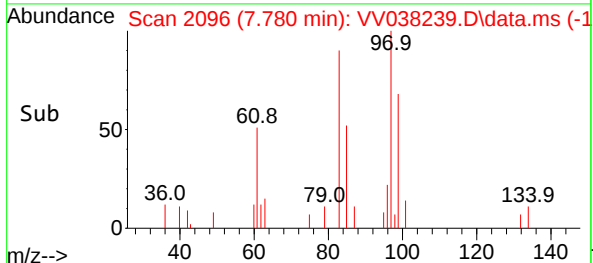
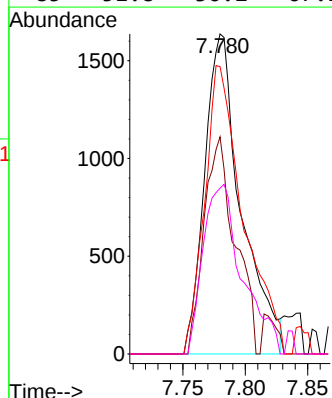
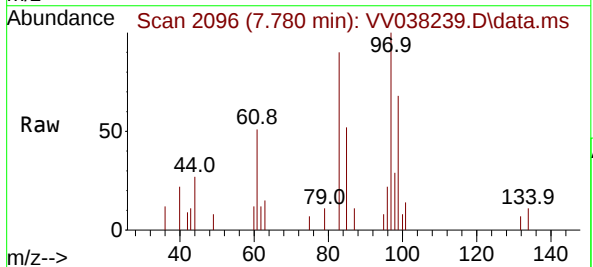
Instrument :
MSVOA_V
ClientSampleId :

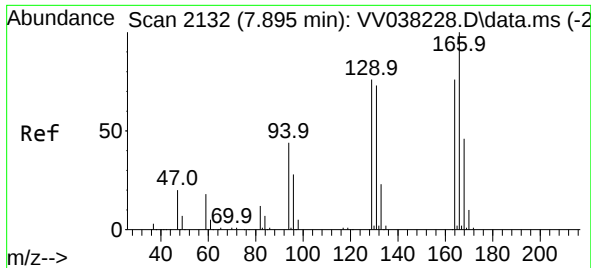
Tgt Ion: 75 Resp: 1966
Ion Ratio Lower Upper
75 100
77 38.2 23.4 43.4



#45
1,1,2-Trichloroethane
Concen: 0.228 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

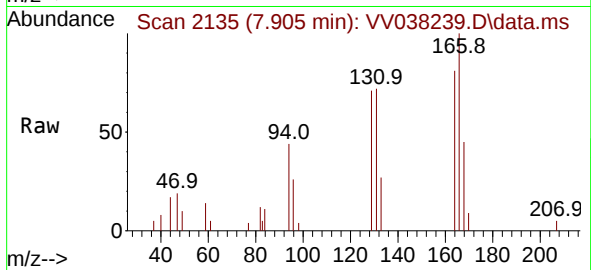
Tgt Ion: 97 Resp: 3343
Ion Ratio Lower Upper
97 100
99 67.9 41.9 77.7
83 89.8 57.7 107.1
85 51.8 36.2 67.2



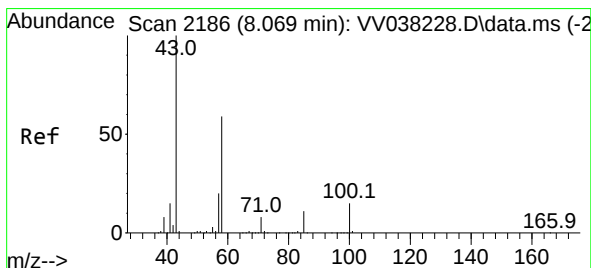
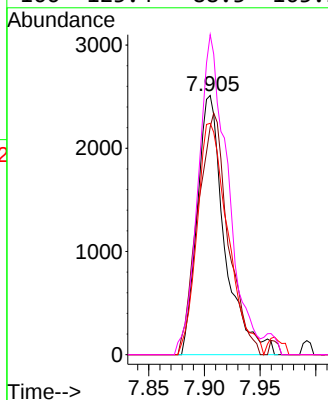
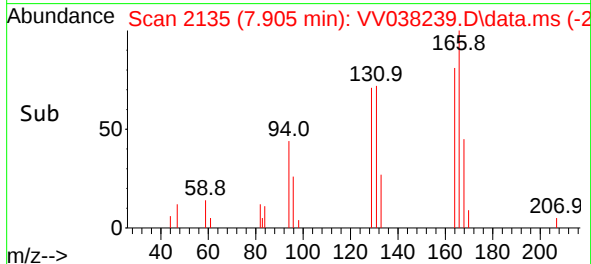


#47
Tetrachloroethene
Concen: 0.272 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Instrument :
MSVOA_V
ClientSampleId :

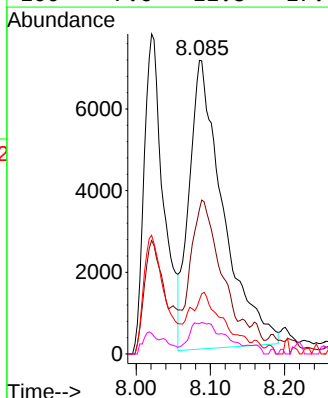
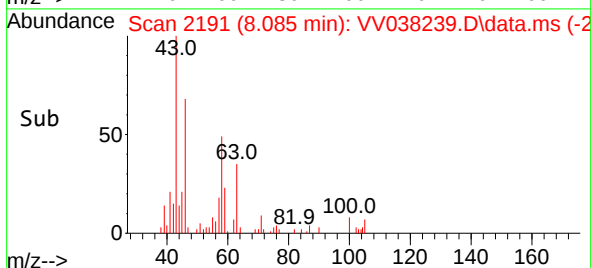
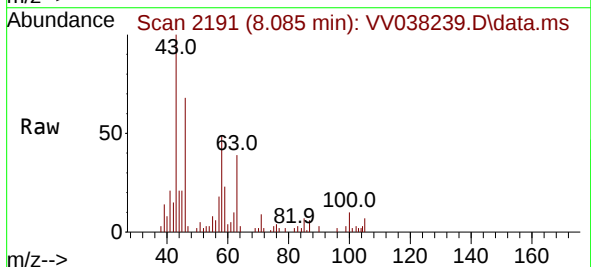


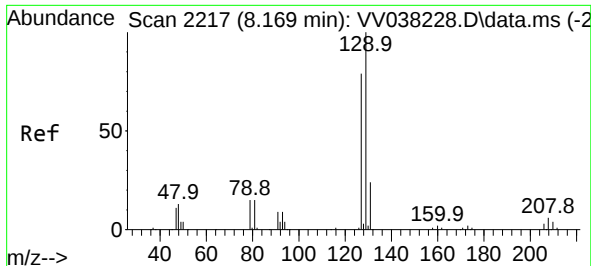
Tgt	Ion:164	Resp:	4305
Ion	Ratio	Lower	Upper
164	100		
129	87.9	68.5	127.1
131	89.3	64.8	120.4
166	123.4	88.3	163.9



#48
2-Hexanone
Concen: 3.280 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt	Ion: 43	Resp:	22511
Ion	Ratio	Lower	Upper
43	100		
58	34.6	49.2	73.8#
57	20.9	16.9	25.3
100	7.6	11.8	17.8#





#49

Dibromochloromethane

Concen: 0.244 ug/L

RT: 8.175 min Scan# 2219

Delta R.T. 0.006 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

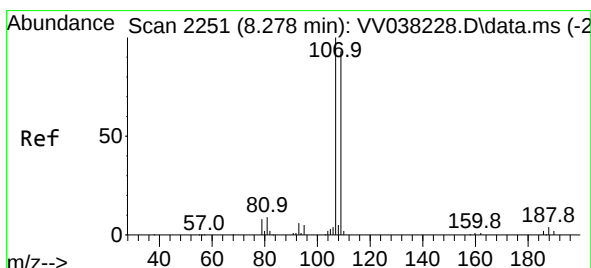
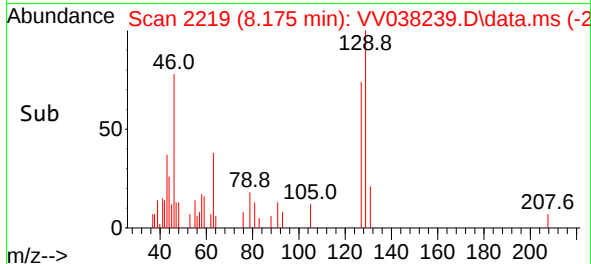
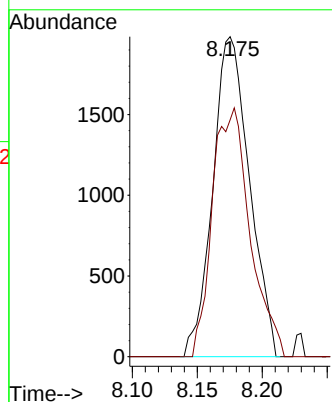
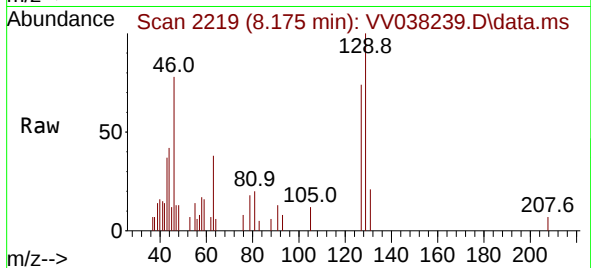
ClientSampleId :

Tgt Ion:129 Resp: 3894

Ion Ratio Lower Upper

129 100

127 74.0 53.5 99.3



#50

1,2-Dibromoethane

Concen: 0.260 ug/L

RT: 8.284 min Scan# 2253

Delta R.T. 0.006 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

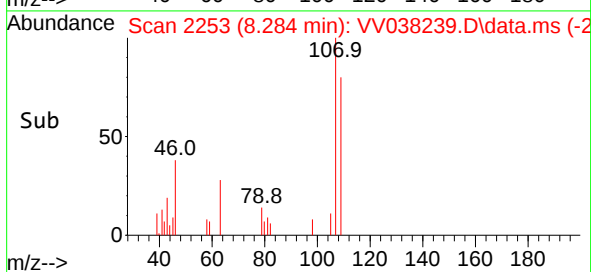
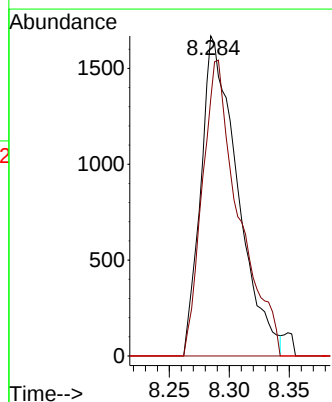
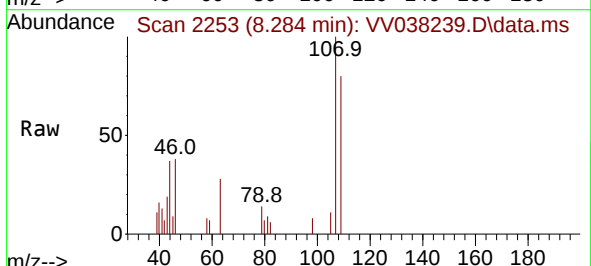
Tgt Ion:107 Resp: 3541

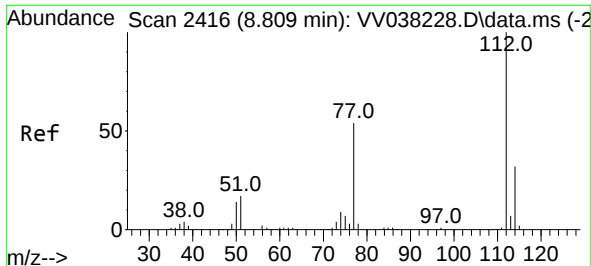
Ion Ratio Lower Upper

107 100

109 80.3 66.1 122.7

188 0.0 2.6 3.8#

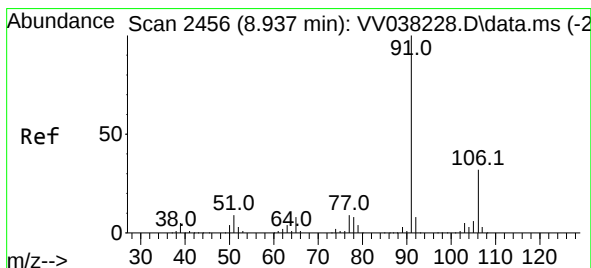
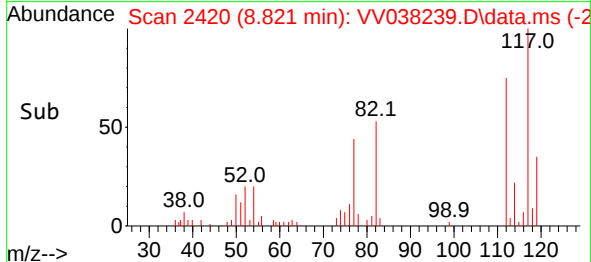
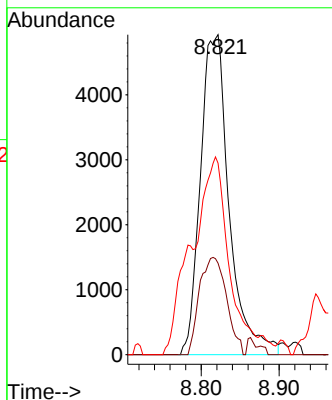
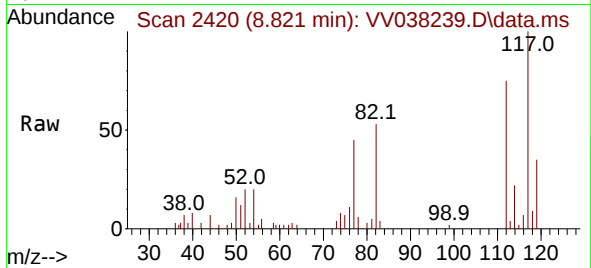




#51
Chlorobenzene
Concen: 0.240 ug/L
RT: 8.821 min Scan# 2416
Delta R.T. 0.013 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

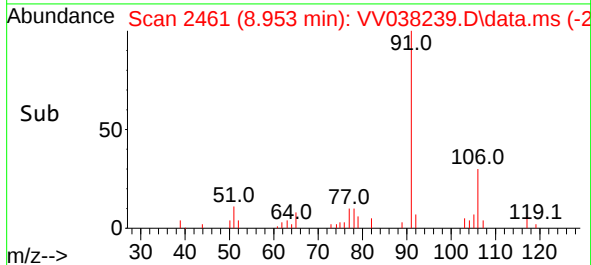
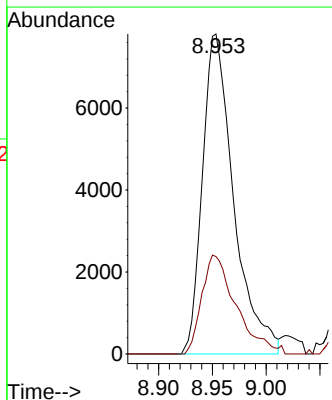
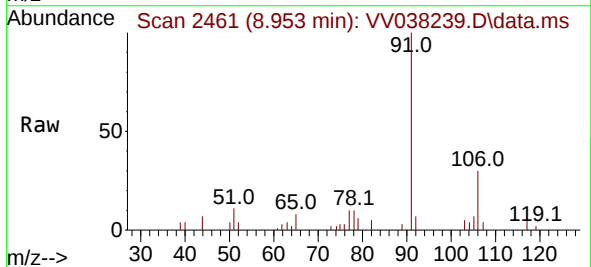
Instrument :
MSVOA_V
ClientSampleId :

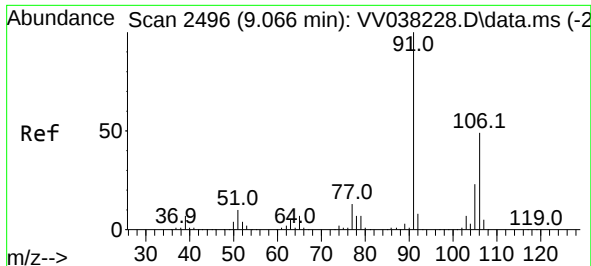
Tgt Ion:	112	Resp:	12619
Ion Ratio	Lower	Upper	
112	100		
114	28.6	22.0	40.8
77	59.8	45.0	67.4



#52
Ethylbenzene
Concen: 0.195 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion:	91	Resp:	15808
Ion Ratio	Lower	Upper	
91	100		
106	30.4	21.8	40.4

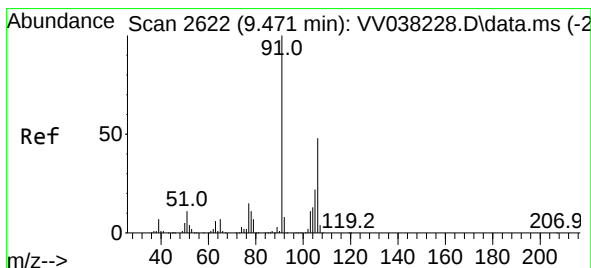
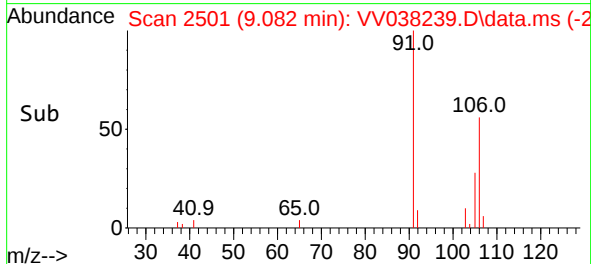
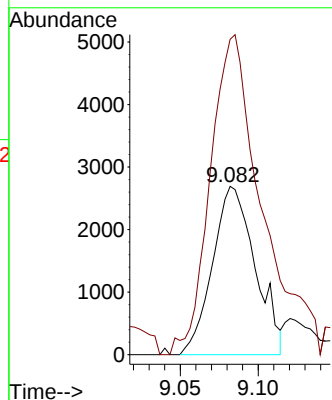
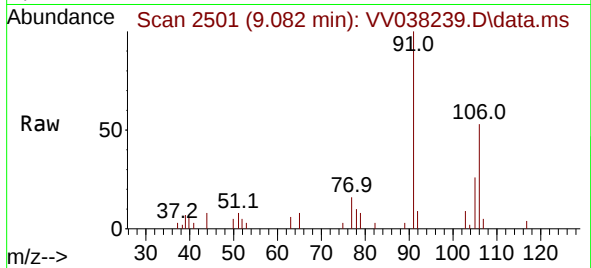




#53
m,p-Xylene
Concen: 0.167 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

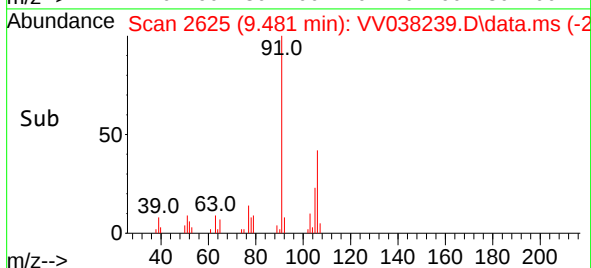
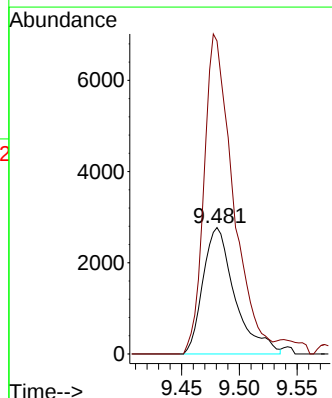
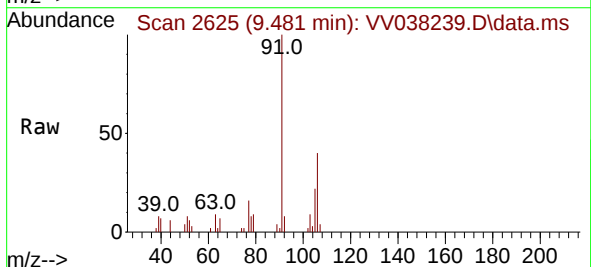
Instrument :
MSVOA_V
ClientSampleId :

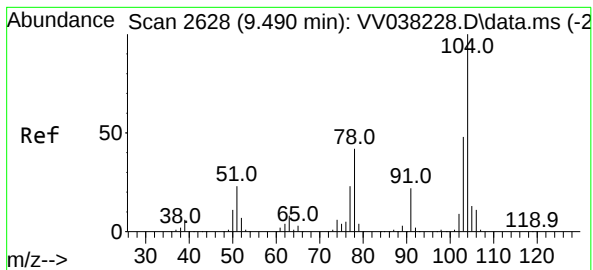
Tgt Ion:106 Resp: 5122
Ion Ratio Lower Upper
106 100
91 187.4 138.7 257.5



#54
o-Xylene
Concen: 0.179 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion:106 Resp: 5323
Ion Ratio Lower Upper
106 100
91 247.4 155.5 288.7





#55

Styrene

Concen: 0.127 ug/L

RT: 9.513 min Scan# 2

Delta R.T. 0.023 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

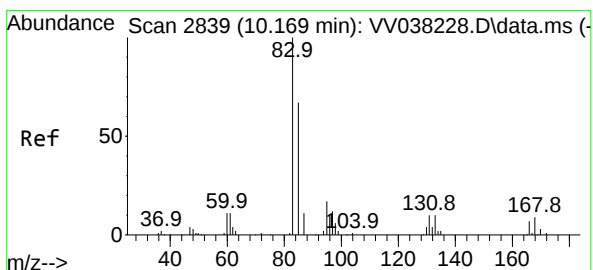
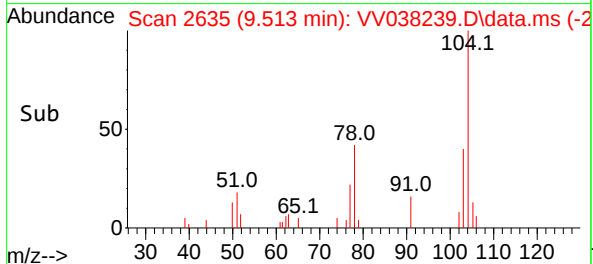
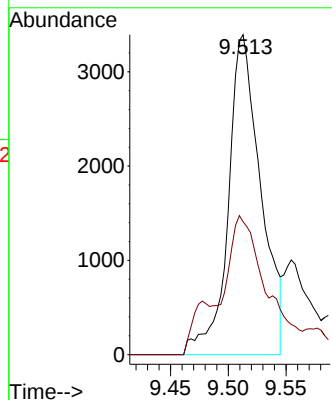
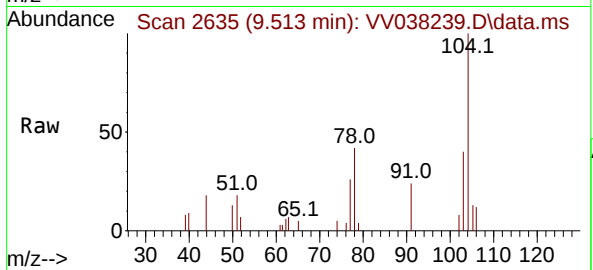
ClientSampleId :

Tgt Ion:104 Resp: 6666

Ion Ratio Lower Upper

104 100

78 41.6 29.7 55.1



#57

1,1,2,2-Tetrachloroethane

Concen: 0.257 ug/L

RT: 10.172 min Scan# 2840

Delta R.T. 0.003 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

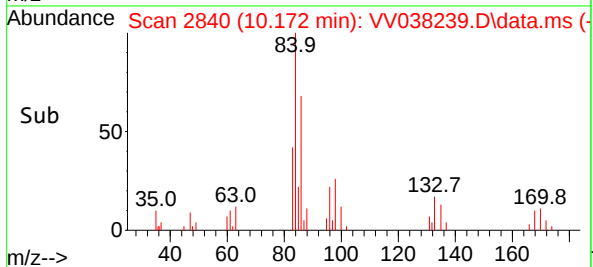
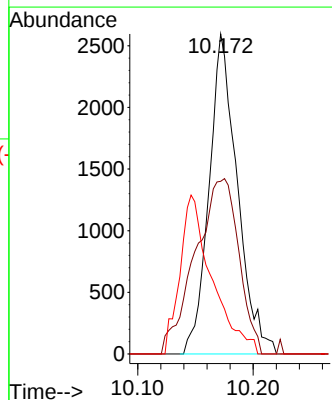
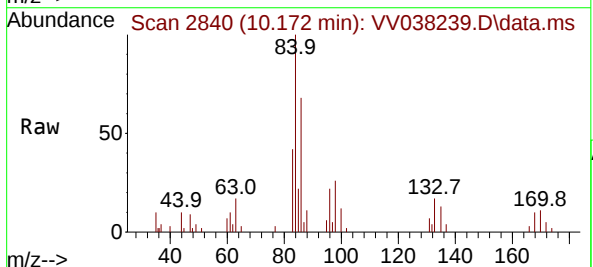
Tgt Ion: 83 Resp: 4411

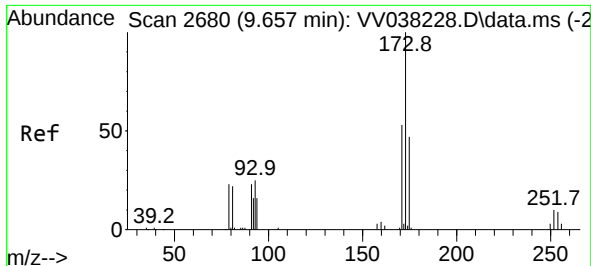
Ion Ratio Lower Upper

83 100

85 54.0 45.7 84.9

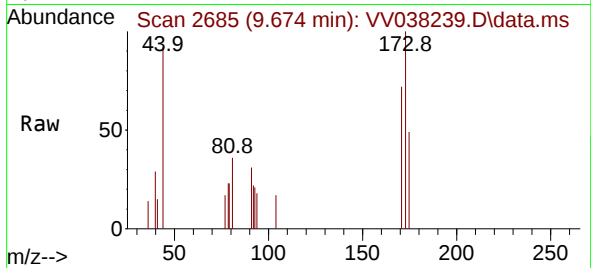
131 16.8 8.2 12.4#



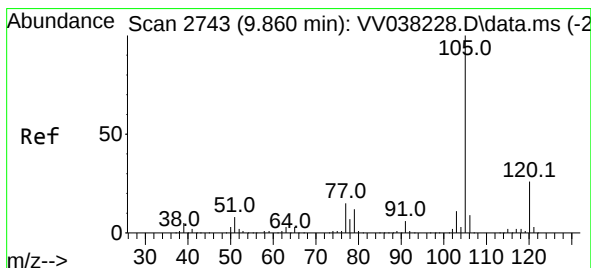
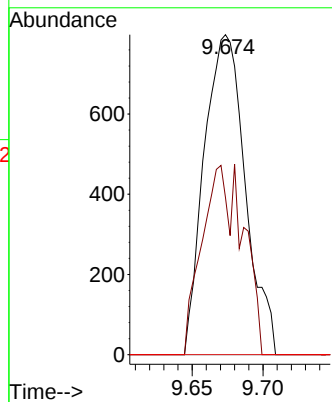
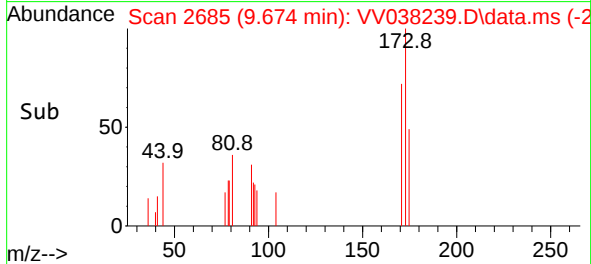


#59
Bromoform
Concen: 0.238 ug/L
RT: 9.674 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Instrument :
MSVOA_V
ClientSampleId :

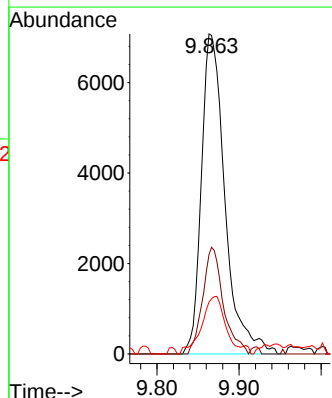
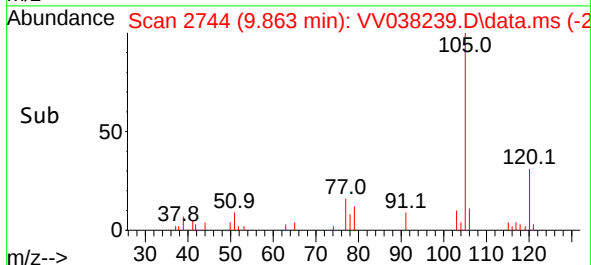
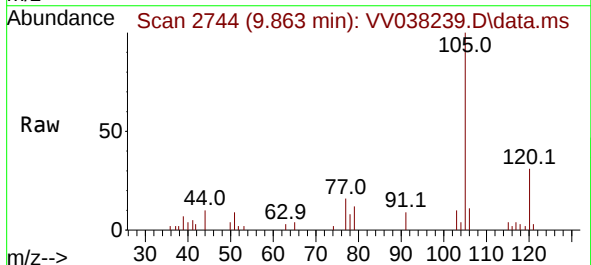


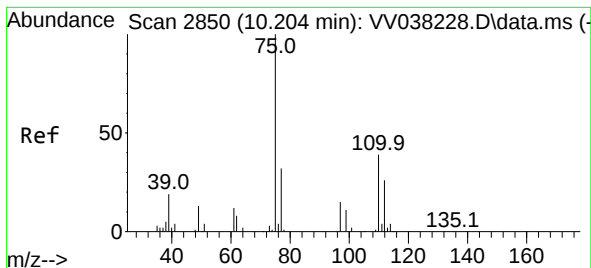
Tgt Ion:173 Resp: 1611
Ion Ratio Lower Upper
173 100
175 38.5 38.5 57.7
254 0.0 6.9 10.3#



#60
Isopropylbenzene
Concen: 0.210 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion:105 Resp: 14101
Ion Ratio Lower Upper
105 100
120 29.1 20.8 31.2
77 18.0 12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 0.271 ug/L

RT: 10.214 min Scan# 2853

Delta R.T. 0.010 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

ClientSampleId :

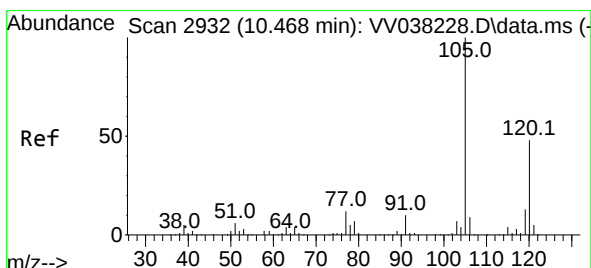
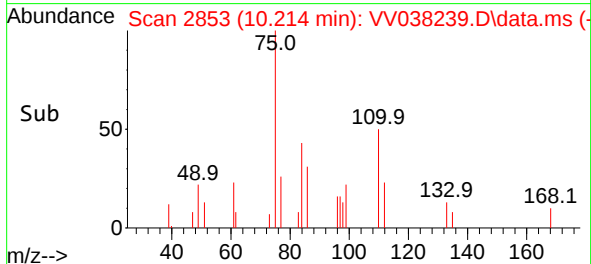
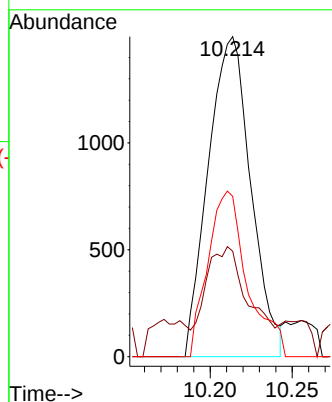
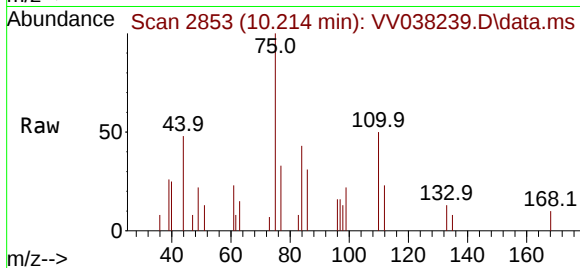
Tgt Ion: 75 Resp: 2707

Ion Ratio Lower Upper

75 100

77 35.8 26.4 39.6

110 47.9 32.3 48.5



#62

1,3,5-Trimethylbenzene

Concen: 0.211 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.006 min

Lab File: VV038239.D

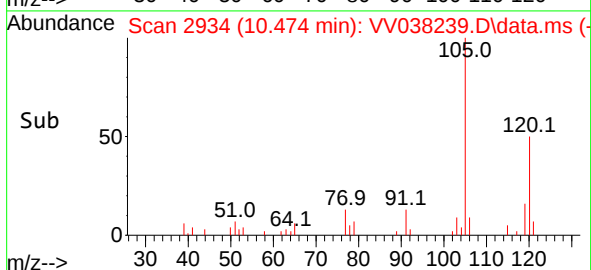
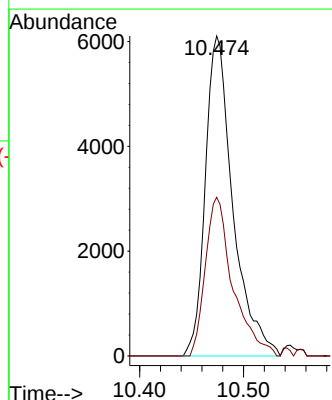
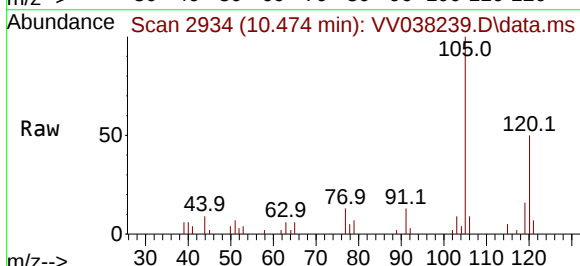
Acq: 21 Nov 2024 14:22

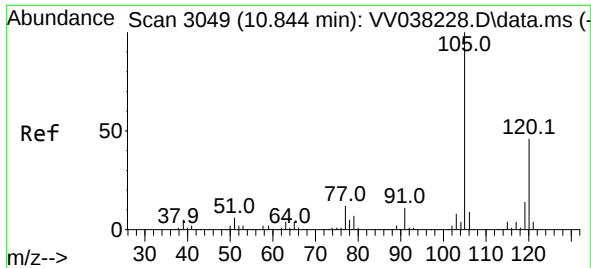
Tgt Ion: 105 Resp: 11255

Ion Ratio Lower Upper

105 100

120 49.5 39.2 58.8

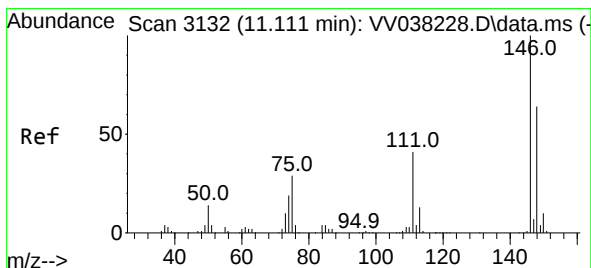
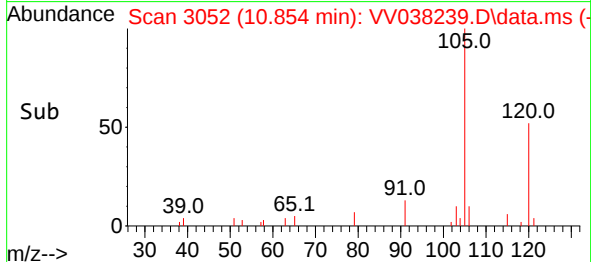
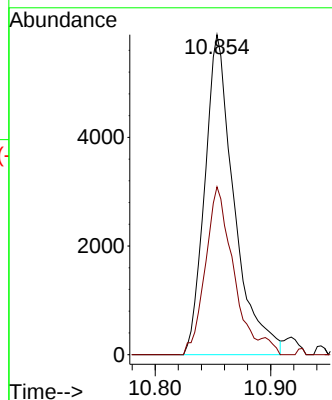
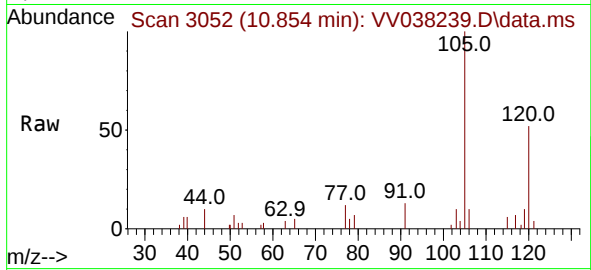




#63
1,2,4-Trimethylbenzene
Concen: 0.195 ug/L
RT: 10.854 min Scan# 3049
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

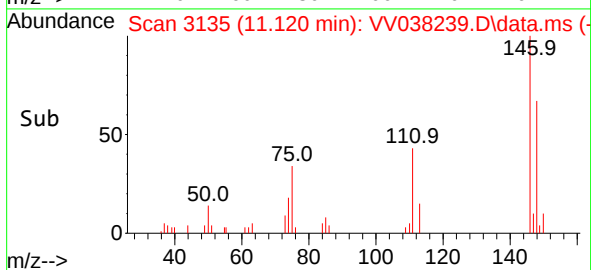
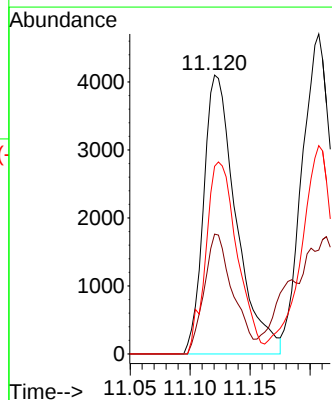
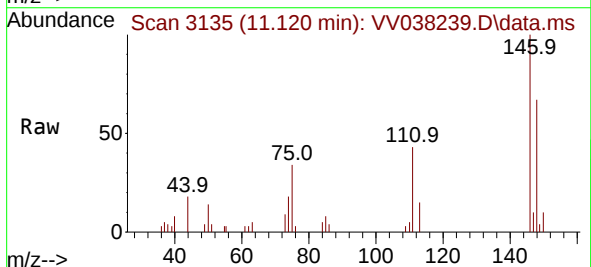
Instrument :
MSVOA_V
ClientSampleId :

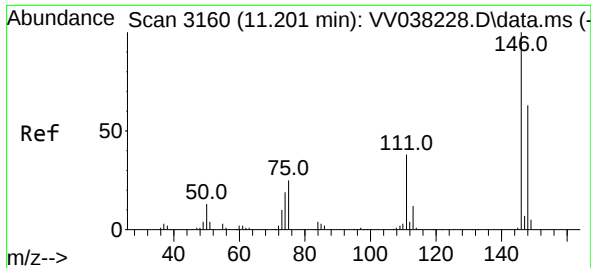
Tgt Ion:105 Resp: 10354
Ion Ratio Lower Upper
105 100
120 49.0 37.0 55.4



#64
1,3-Dichlorobenzene
Concen: 0.215 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion:146 Resp: 7739
Ion Ratio Lower Upper
146 100
111 43.0 28.2 52.4
148 67.3 44.2 82.2

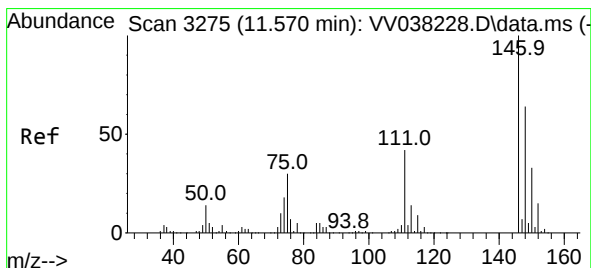
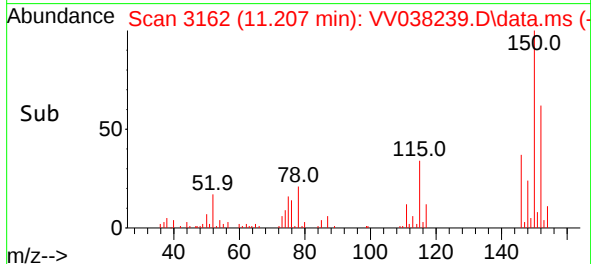
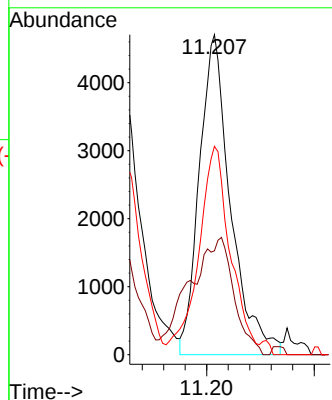
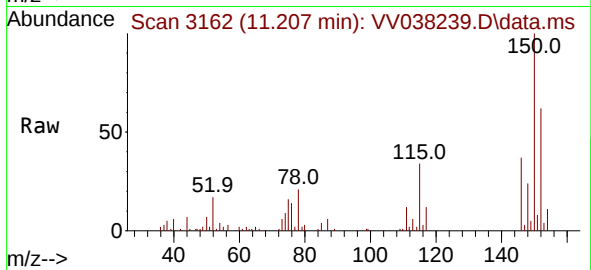




#65
1,4-Dichlorobenzene
Concen: 0.260 ug/L
RT: 11.207 min Scan# 3160
Delta R.T. 0.006 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

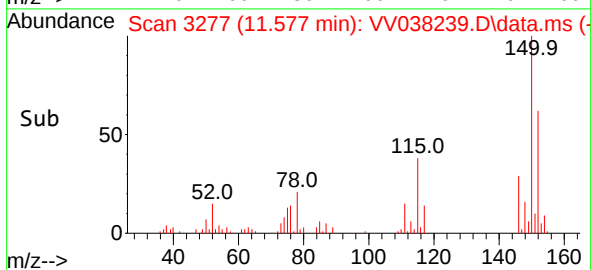
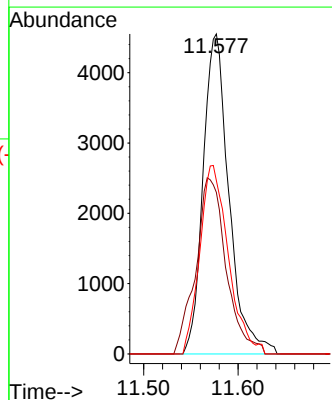
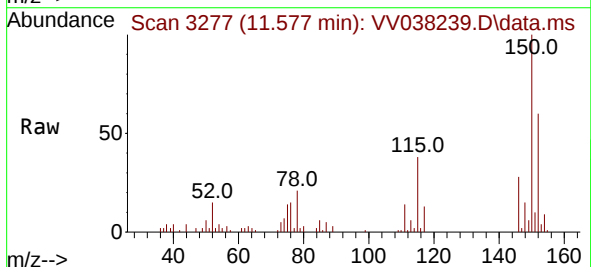
Instrument :
MSVOA_V
ClientSampleId :

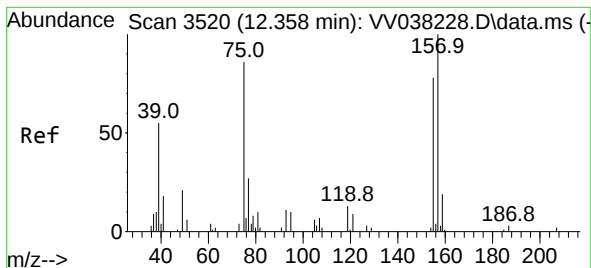
Tgt Ion:146 Resp: 9473
Ion Ratio Lower Upper
146 100
111 32.4 27.4 50.8
148 65.1 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 0.259 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.006 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion:146 Resp: 8642
Ion Ratio Lower Upper
146 100
111 50.5 34.2 51.2
148 54.2 51.0 76.4

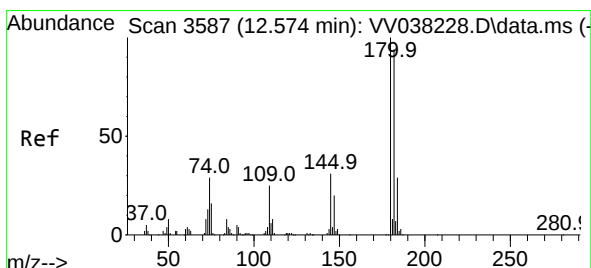
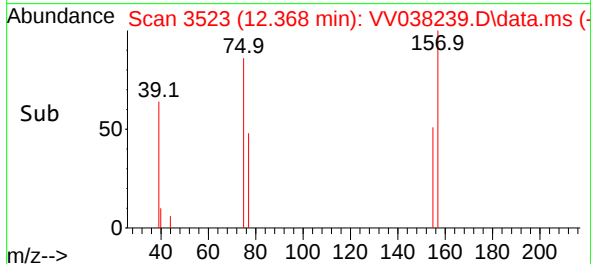
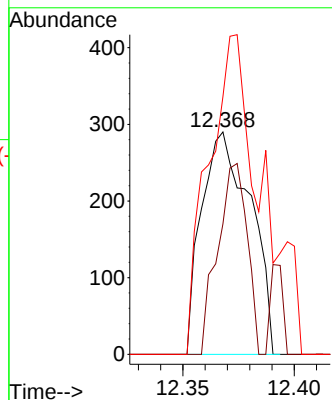
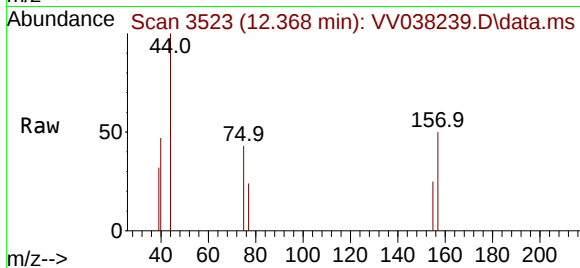




#68
1,2-Dibromo-3-chloropropane
Concen: 0.198 ug/L
RT: 12.368 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

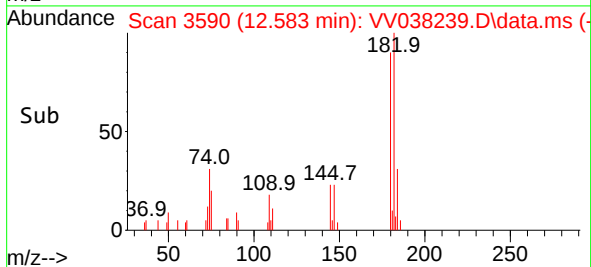
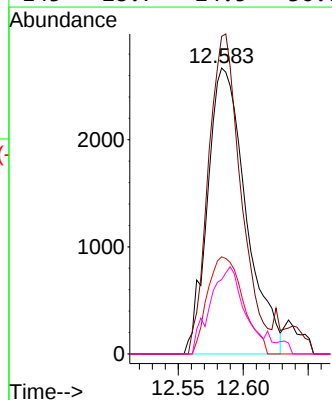
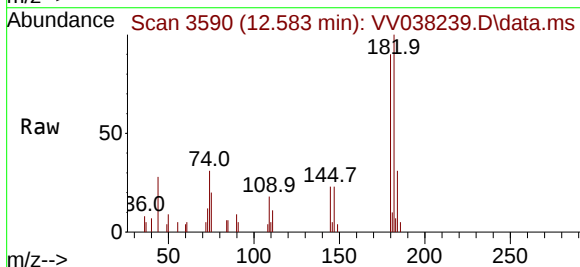
Instrument :
MSVOA_V
ClientSampleId :

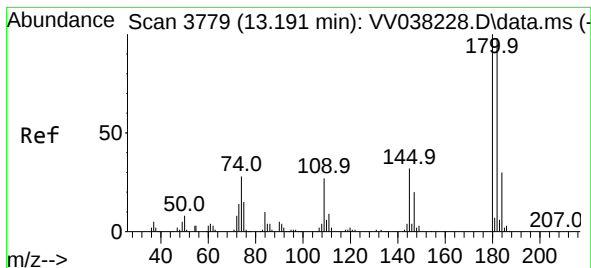
Tgt Ion: 75 Resp: 443
Ion Ratio Lower Upper
75 100
155 58.6 67.5 101.3#
157 115.9 82.7 124.1



#69
1,3,5-Trichlorobenzene
Concen: 0.214 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.010 min
Lab File: VV038239.D
Acq: 21 Nov 2024 14:22

Tgt Ion: 180 Resp: 5472
Ion Ratio Lower Upper
180 100
182 95.3 76.0 114.0
184 31.5 23.7 35.5
145 28.7 24.5 36.7





#70

1,2,4-trichlorobenzene

Concen: 0.201 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

Instrument :

MSVOA_V

ClientSampleId :

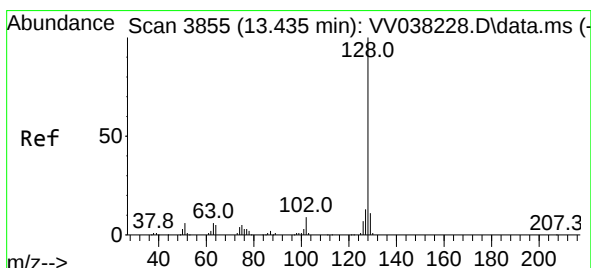
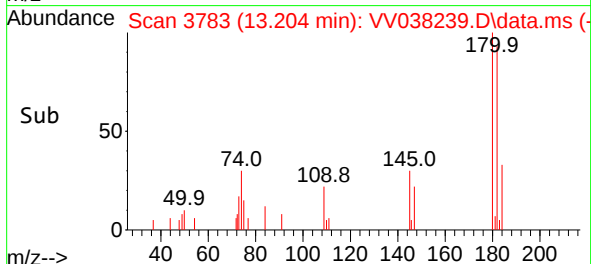
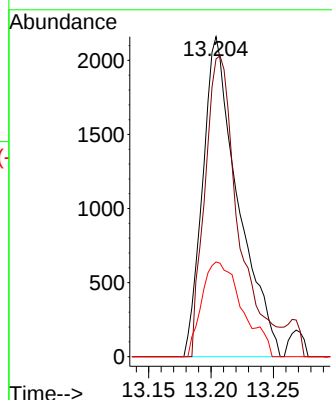
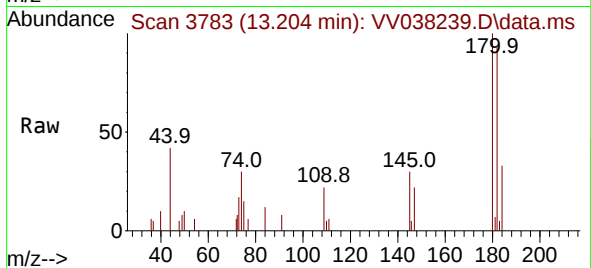
Tgt Ion:180 Resp: 4246

Ion Ratio Lower Upper

180 100

182 89.4 73.8 110.8

145 33.8 24.6 37.0



#71

Naphthalene

Concen: 0.136 ug/L

RT: 13.458 min Scan# 3862

Delta R.T. 0.023 min

Lab File: VV038239.D

Acq: 21 Nov 2024 14:22

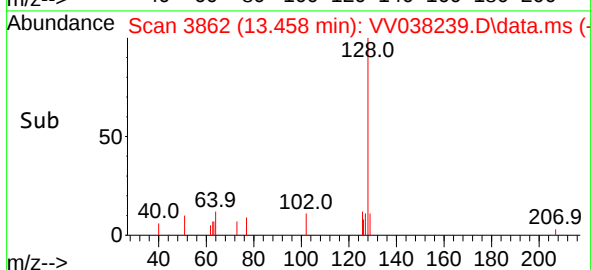
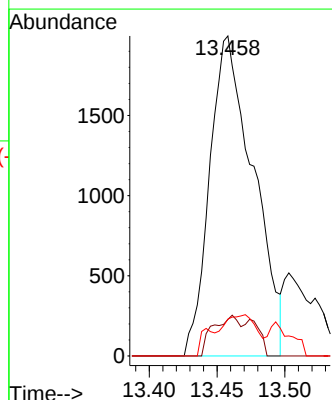
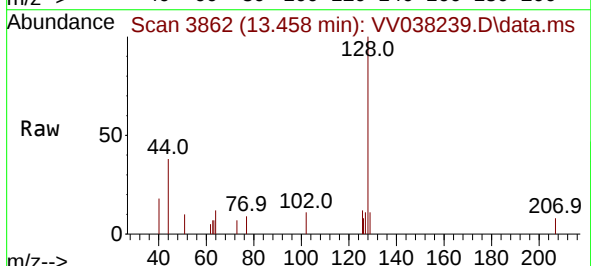
Tgt Ion:128 Resp: 4465

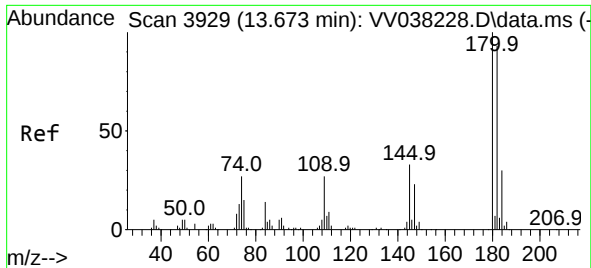
Ion Ratio Lower Upper

128 100

129 7.7 8.5 12.7#

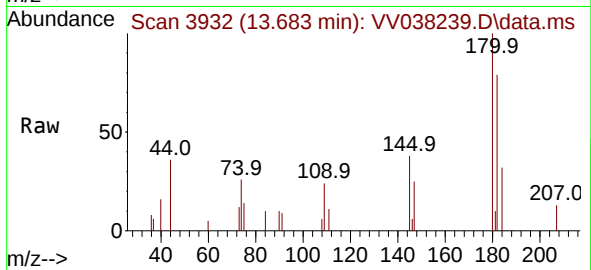
127 2.7 10.1 15.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.190 ug/L
 RT: 13.683 min Scan# 3929
 Delta R.T. 0.010 min
 Lab File: VV038239.D
 Acq: 21 Nov 2024 14:22

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	180	Resp:	3698
Ion	Ratio	Lower	Upper
180	100		
182	91.5	75.1	112.7
145	34.0	27.0	40.4

