

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100323\
 Data File : VW032213.D
 Acq On : 03 Oct 2023 13:29
 Operator : SY/MD
 Sample : 04696-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 04:06:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 04 04:04:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	170269	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	169236	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	84975	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	58368	55.393	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 110.780%		
7) Chloroethane-d5	1.532	69	51332	56.480	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 112.960%		
11) 1,1-Dichloroethene-d2	2.060	65	24466	53.174	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 106.340%		
21) 2-Butanone-d5	3.786	46	104016	109.784	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 109.780%		
24) Chloroform-d	4.252	84	112609	51.069	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.140%		
26) 1,2-Dichloroethane-d4	4.944	65	76485	57.650	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 115.300%		
32) Benzene-d6	4.963	84	228287	51.313	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.620%		
36) 1,2-Dichloropropane-d6	5.992	67	81783	55.086	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 110.180%		
41) Toluene-d8	7.246	98	201833	49.729	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 99.460%		
43) trans-1,3-Dichloroprop...	7.555	79	35264	49.930	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 99.860%		
47) 2-Hexanone-d5	8.027	63	59925	93.470	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 93.470%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	103160	48.855	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 97.720%		
66) 1,2-Dichlorobenzene-d4	11.564	152	78929	51.219	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 102.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	3340	2.317	ug/L	99
3) Chloromethane	1.217	50	4410	2.821	ug/L	96
5) Vinyl chloride	1.282	62	4217	2.738	ug/L #	66
6) Bromomethane	1.484	94	2831	3.240	ug/L	100
8) Chloroethane	1.548	64	2925	3.051	ug/L	91
9) Trichlorofluoromethane	1.716	101	5263	2.663	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	3732	3.131	ug/L	87
12) 1,1-Dichloroethene	2.069	96	3504	3.177	ug/L #	1
13) Acetone	2.114	43	5931	6.691	ug/L	95
14) Carbon disulfide	2.243	76	8333	2.361	ug/L	100
15) Methyl Acetate	2.381	43	5360	3.390	ug/L #	75
16) Methylene chloride	2.449	84	4952	3.556	ug/L	94
17) trans-1,2-Dichloroethene	2.700	96	3272	2.632	ug/L	94
18) Methyl tert-butyl Ether	2.709	73	13118	3.154	ug/L	96
19) 1,1-Dichloroethane	3.117	63	7427	3.047	ug/L	98
20) cis-1,2-Dichloroethene	3.822	96	4026	2.876	ug/L	94
23) Bromochloromethane	4.156	128	1027	1.465	ug/L	95
25) Chloroform	4.285	83	8441	3.547	ug/L	99
27) 1,2-Dichloroethane	5.056	62	6063	3.371	ug/L #	93

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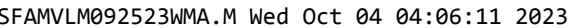
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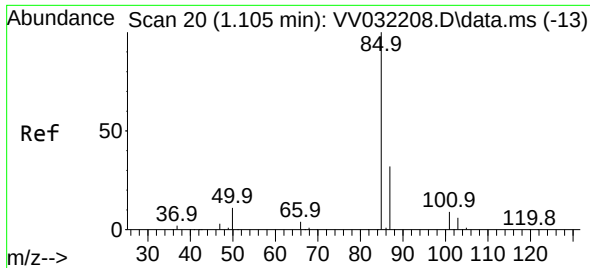
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.584	56	5206	2.204	ug/L	91
30) 1,1,1-Trichloroethane	4.523	97	5538	2.624	ug/L	95
31) Carbon tetrachloride	4.741	117	4501	2.470	ug/L	100
33) Benzene	5.015	78	14915	2.763	ug/L	100
34) Trichloroethene	5.838	95	4260	2.866	ug/L	95
35) Methylcyclohexane	6.053	83	4530	1.906	ug/L	87
37) 1,2-Dichloropropane	6.104	63	3899	2.632	ug/L #	86
38) Bromodichloromethane	6.442	83	5261	2.825	ug/L	92
39) cis-1,3-Dichloropropene	6.966	75	5708	2.430	ug/L	87
40) 4-Methyl-2-pentanone	7.172	43	11699	5.299	ug/L	99
42) Toluene	7.323	91	14166	2.458	ug/L	97
44) trans-1,3-Dichloropropene	7.593	75	6190	2.877	ug/L	95
45) 1,1,2-Trichloroethane	7.780	97	4221	2.987	ug/L	98
46) Tetrachloroethene	7.912	164	2739	2.536	ug/L	88
48) 2-Hexanone	8.085	43	13612	7.893	ug/L #	86
49) Dibromochloromethane	8.182	129	4071	2.898	ug/L	94
50) 1,2-Dibromoethane	8.291	107	4489	2.984	ug/L #	100
51) Chlorobenzene	8.821	112	9750	2.622	ug/L	98
52) Ethylbenzene	8.953	91	15433	2.397	ug/L	92
53) m,p-Xylene	9.082	106	5555	2.316	ug/L	91
54) o-Xylene	9.484	106	5595	2.368	ug/L	100
55) Styrene	9.506	104	9434	2.340	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.182	83	6879	3.124	ug/L	93
59) Bromoform	9.674	173	2617	2.772	ug/L #	96
60) Isopropylbenzene	9.873	105	13990	2.365	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	5199	3.147	ug/L #	91
62) 1,3,5-Trimethylbenzene	10.481	105	11094	2.283	ug/L	97
63) 1,2,4-Trimethylbenzene	10.857	105	10463	2.189	ug/L	98
64) 1,3-Dichlorobenzene	11.124	146	7093	2.565	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	7789	2.789	ug/L	96
67) 1,2-Dichlorobenzene	11.583	146	7809	2.871	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.371	75	1218	2.671	ug/L	92
69) 1,3,5-Trichlorobenzene	12.587	180	4835	2.415	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	4537	2.410	ug/L	96
71) Naphthalene	13.445	128	13518	2.179	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	4206	2.248	ug/L	93

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

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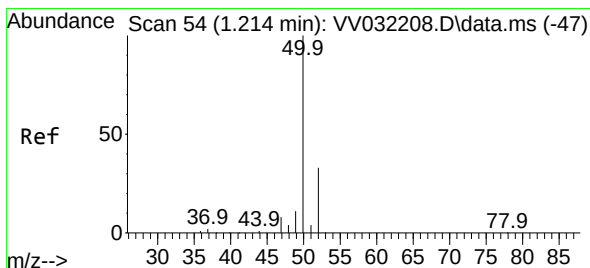
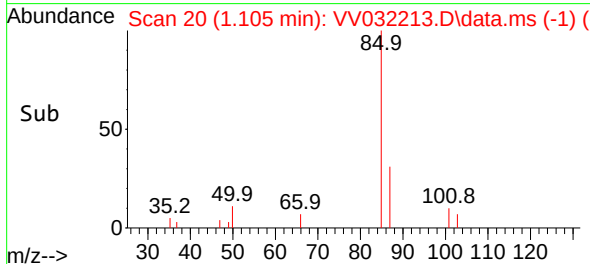
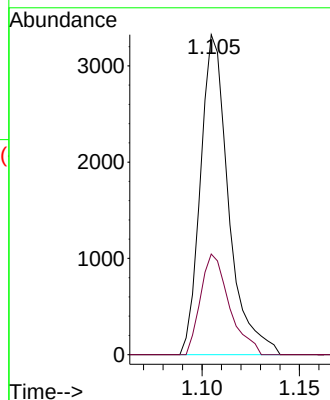
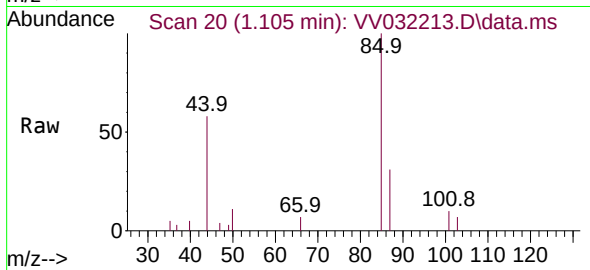




#2
 Dichlorodifluoromethane
 Concen: 2.317 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

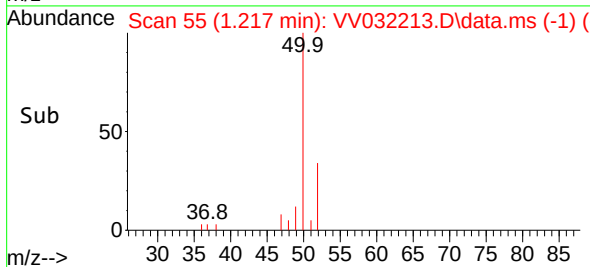
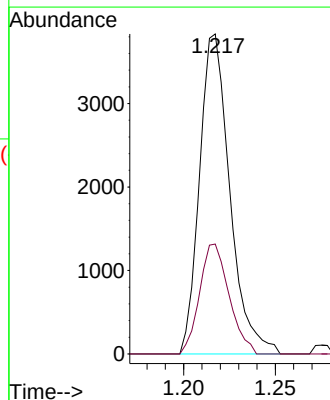
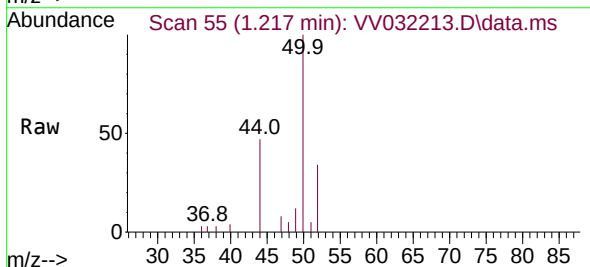
Instrument :
 MSVOA_V
 ClientSampleId :

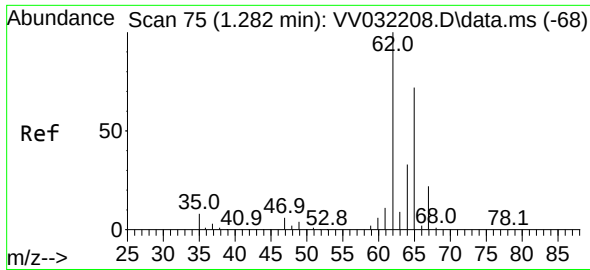
Tgt Ion: 85 Resp: 3340
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.4 38.0



#3
 Chloromethane
 Concen: 2.821 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.003 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Tgt Ion: 50 Resp: 4410
 Ion Ratio Lower Upper
 50 100
 52 34.4 22.4 41.6

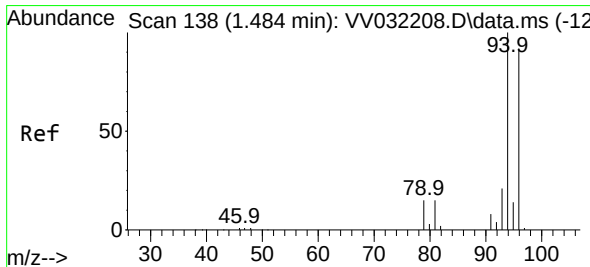
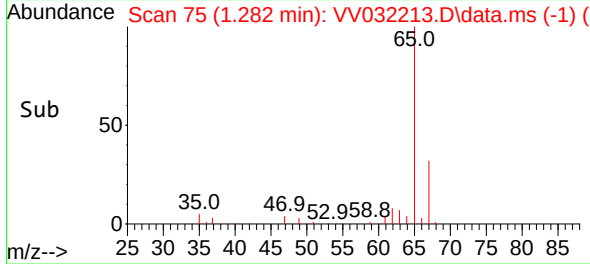
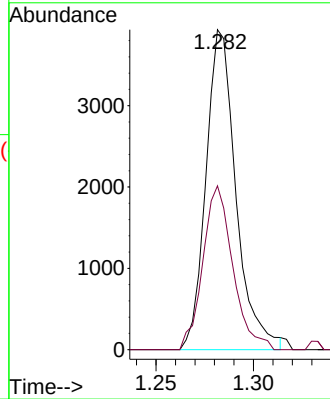
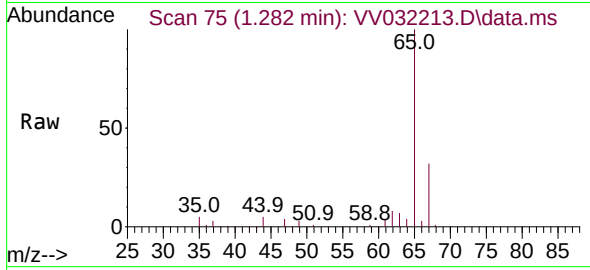




#5
 Vinyl chloride
 Concen: 2.738 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

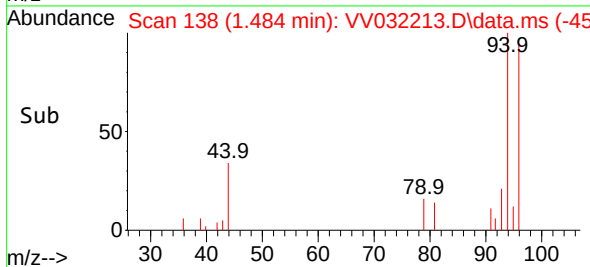
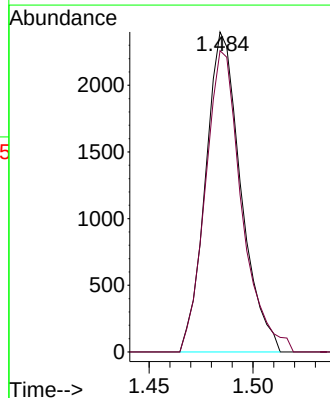
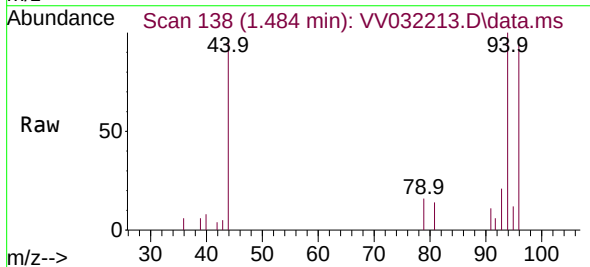
Instrument :
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 ClientSampleId :

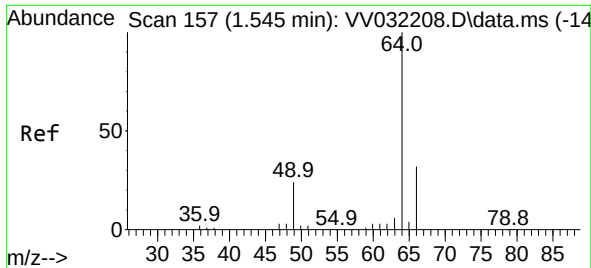
Tgt Ion: 62 Resp: 4217
 Ion Ratio Lower Upper
 62 100
 64 51.2 22.5 41.9#



#6
 Bromomethane
 Concen: 3.240 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Tgt Ion: 94 Resp: 2831
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.7 122.1

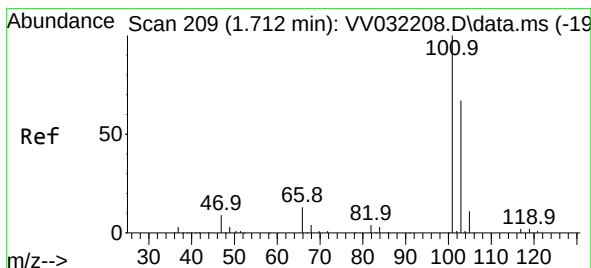
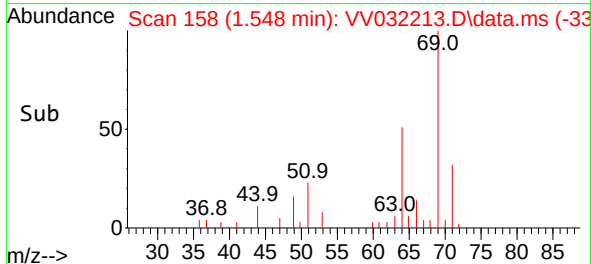
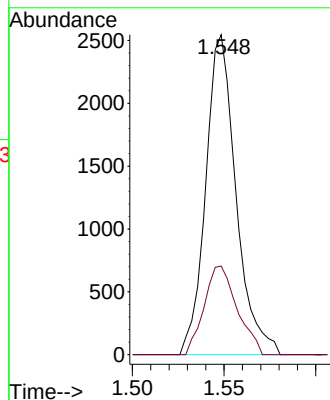
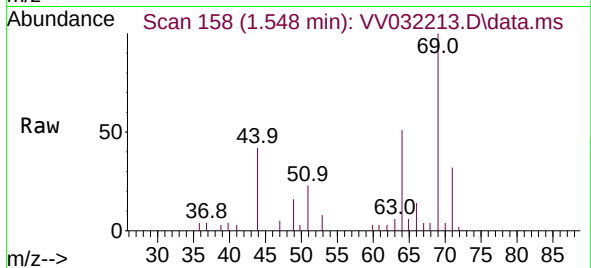




#8
Chloroethane
Concen: 3.051 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

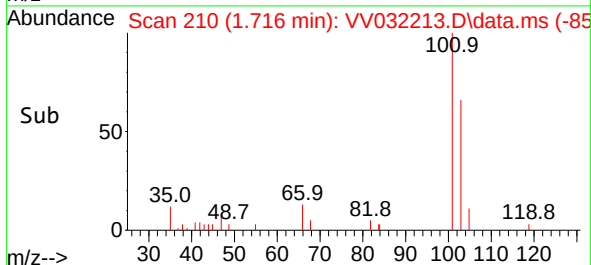
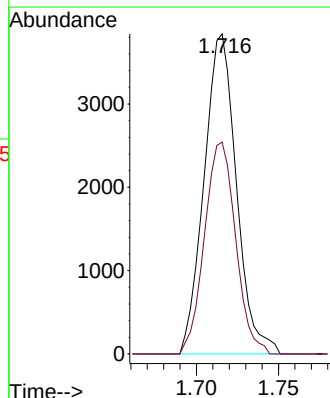
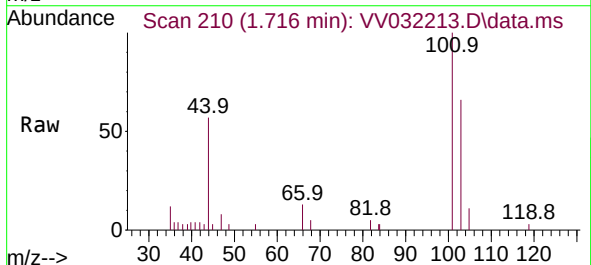
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ClientSampleId :

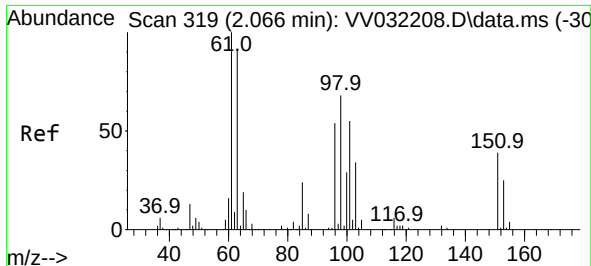
Tgt Ion: 64 Resp: 2925
Ion Ratio Lower Upper
64 100
66 27.7 23.0 42.6



#9
Trichlorofluoromethane
Concen: 2.663 ug/L
RT: 1.716 min Scan# 210
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 101 Resp: 5263
Ion Ratio Lower Upper
101 100
103 63.7 52.1 78.1

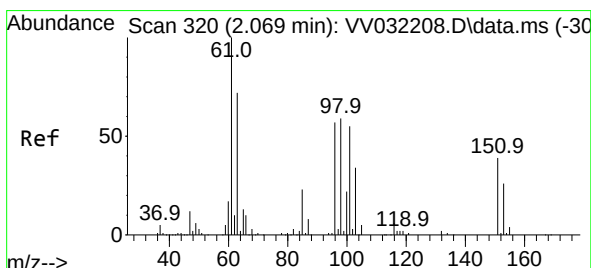
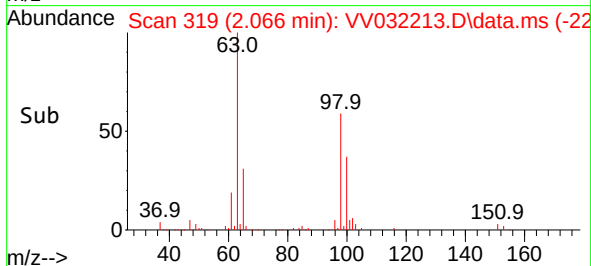
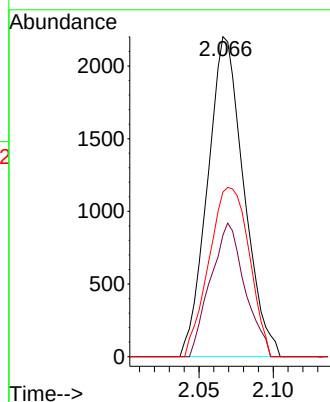
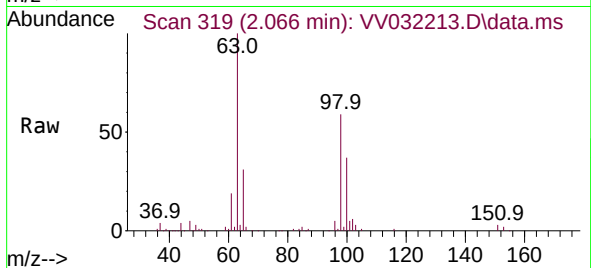




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.131 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

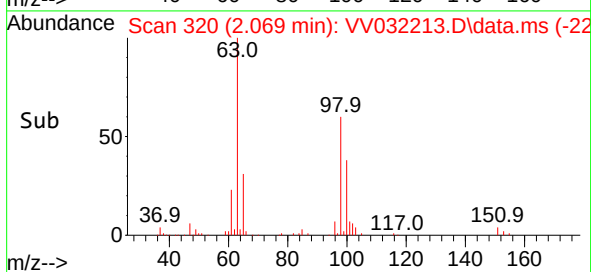
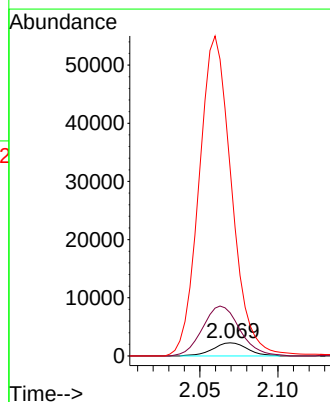
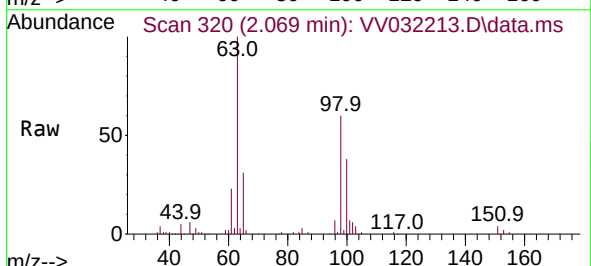
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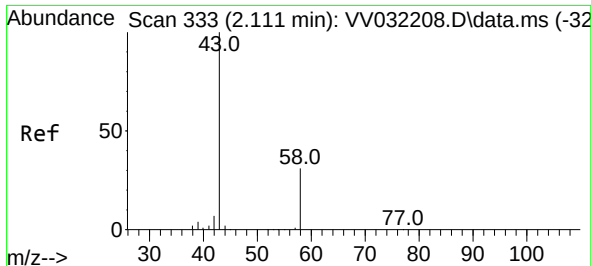
Tgt Ion:101 Resp: 3732
 Ion Ratio Lower Upper
 101 100
 85 39.6 35.4 53.2
 151 58.9 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 3.177 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Tgt Ion: 96 Resp: 3504
 Ion Ratio Lower Upper
 96 100
 61 327.7 123.7 229.7#
 63 1425.1 89.9 167.0#





#13

Acetone

Concen: 6.691 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

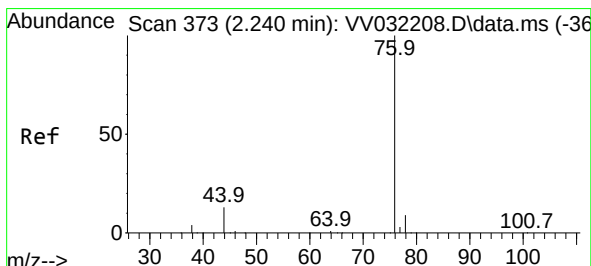
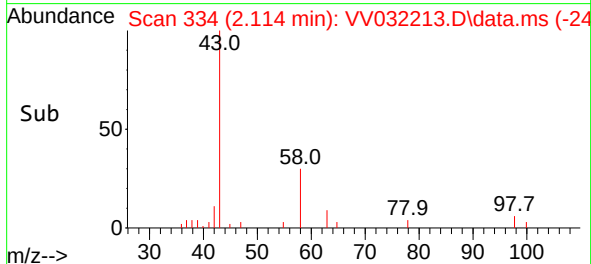
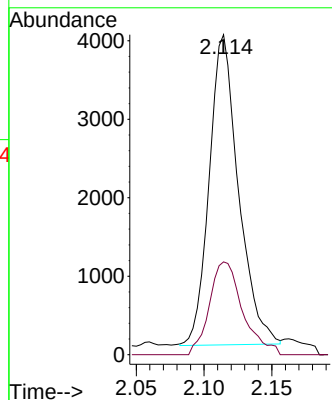
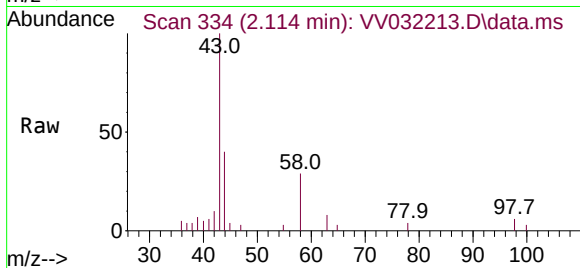
ClientSampleId :

Tgt Ion: 43 Resp: 5931

Ion Ratio Lower Upper

43 100

58 33.2 0.0 61.4



#14

Carbon disulfide

Concen: 2.361 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.003 min

Lab File: VV032213.D

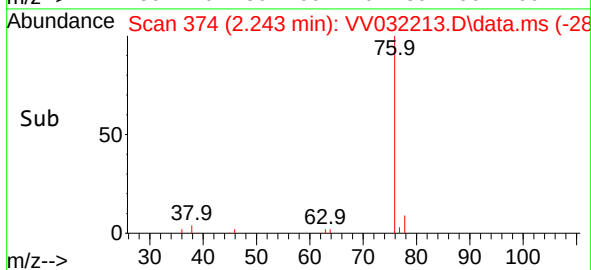
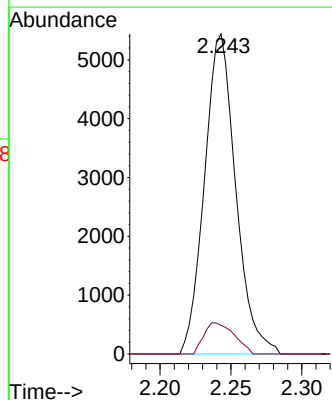
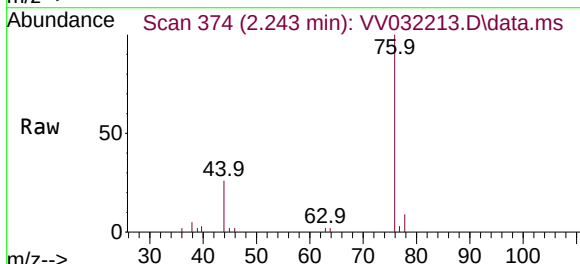
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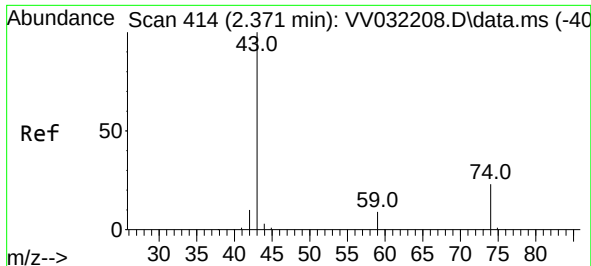
Tgt Ion: 76 Resp: 8333

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

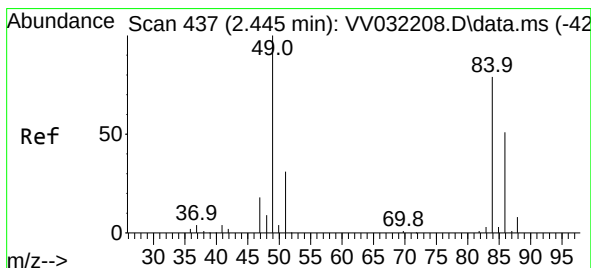
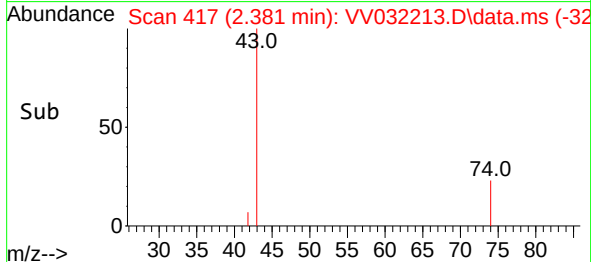
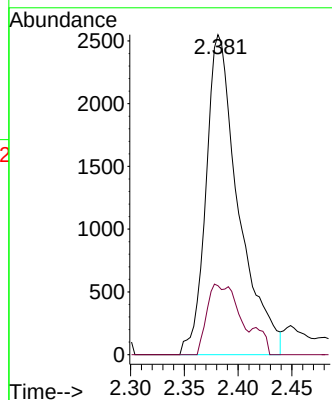
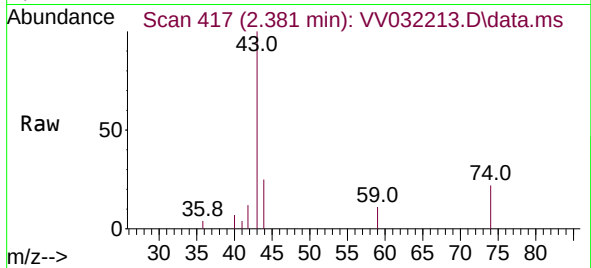




#15
Methyl Acetate
Concen: 3.390 ug/L
RT: 2.381 min Scan# 414
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

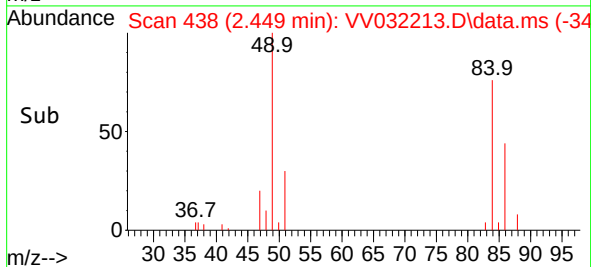
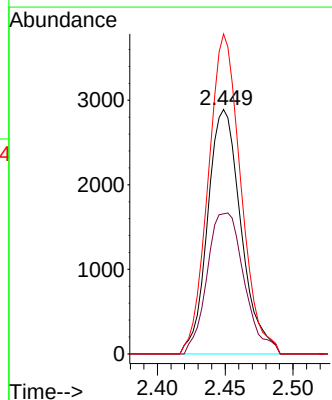
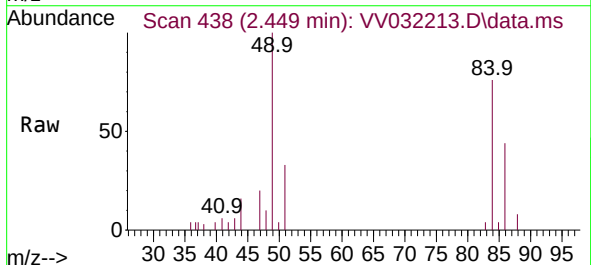
Instrument :
MSVOA_V
ClientSampleId :

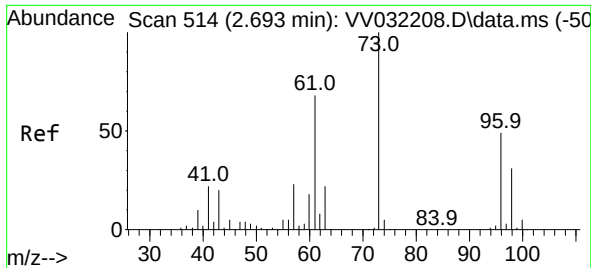
Tgt Ion: 43 Resp: 5360
Ion Ratio Lower Upper
43 100
74 10.2 17.8 26.8#



#16
Methylene chloride
Concen: 3.556 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 84 Resp: 4952
Ion Ratio Lower Upper
84 100
86 57.3 45.4 84.4
49 130.9 88.5 164.4

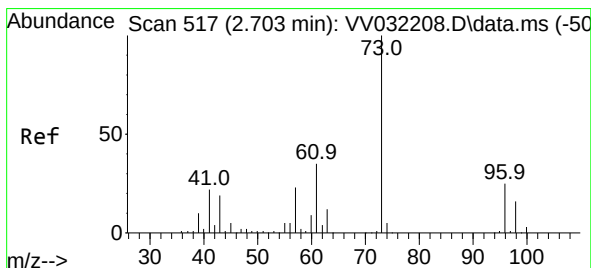
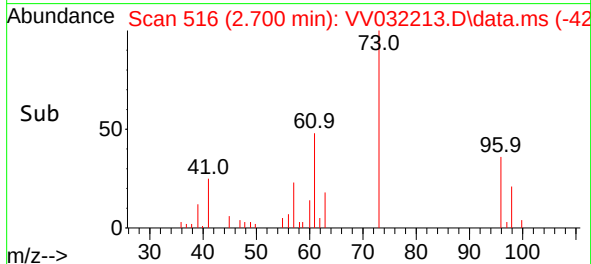
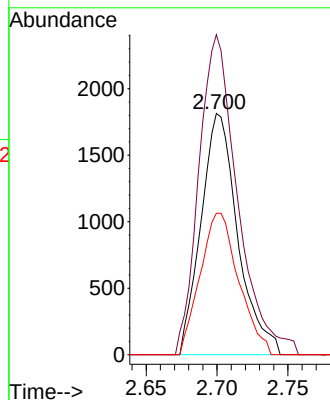
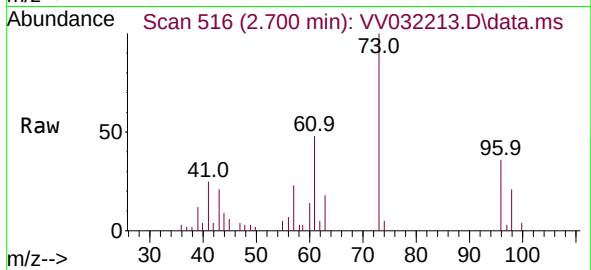




#17
trans-1,2-Dichloroethene
Concen: 2.632 ug/L
RT: 2.700 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

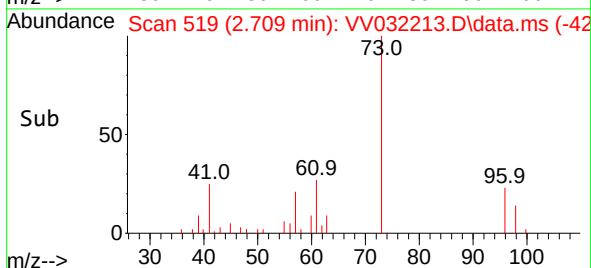
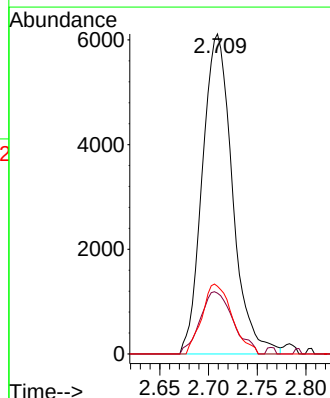
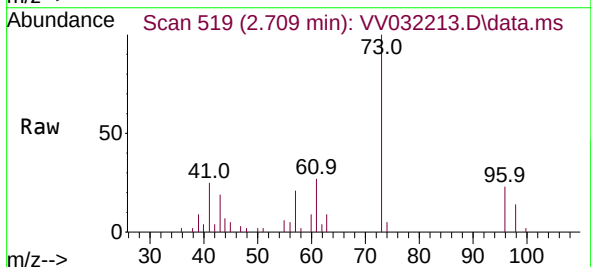
Instrument :
MSVOA_V
ClientSampleId :

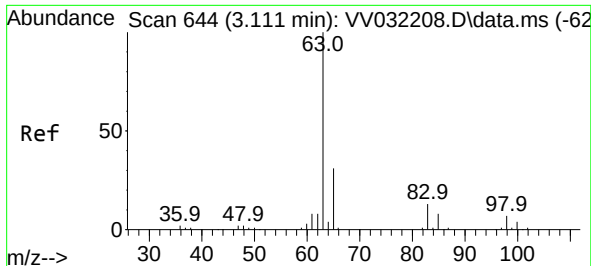
Tgt Ion: 96 Resp: 3272
Ion Ratio Lower Upper
96 100
61 132.6 97.4 180.8
98 58.6 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 3.154 ug/L
RT: 2.709 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 73 Resp: 13118
Ion Ratio Lower Upper
73 100
43 21.3 15.3 22.9
57 21.8 18.6 28.0





#19

1,1-Dichloroethane

Concen: 3.047 ug/L

RT: 3.117 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV032213.D

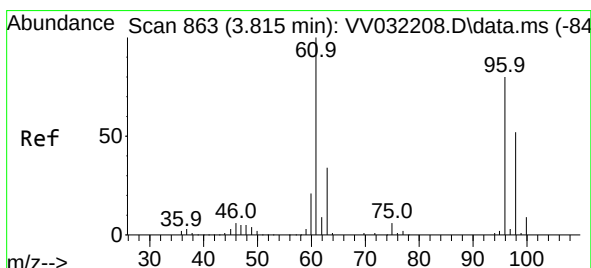
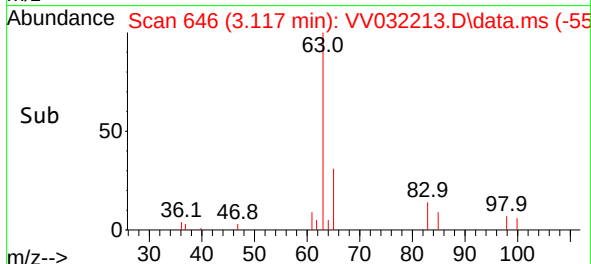
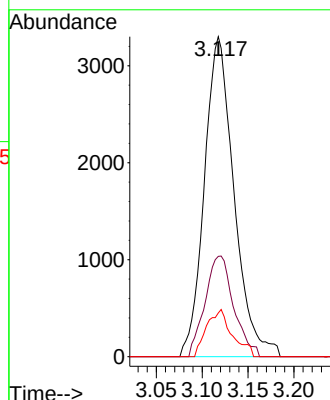
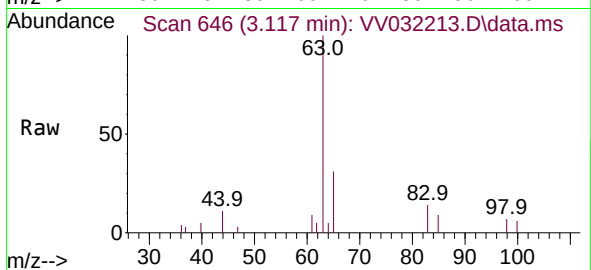
Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 63	Resp: 7427
Ion Ratio	Lower Upper
63 100	
65 31.3	22.7 42.3
83 13.6	9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 2.876 ug/L

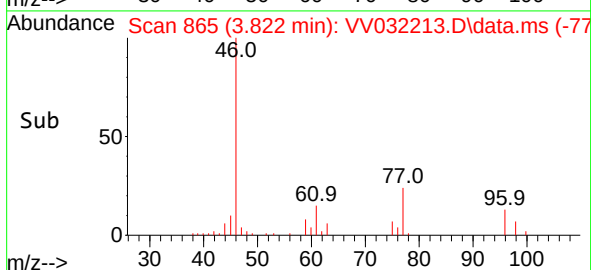
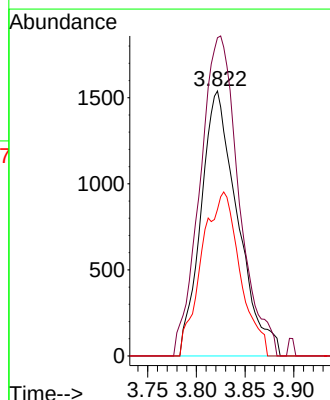
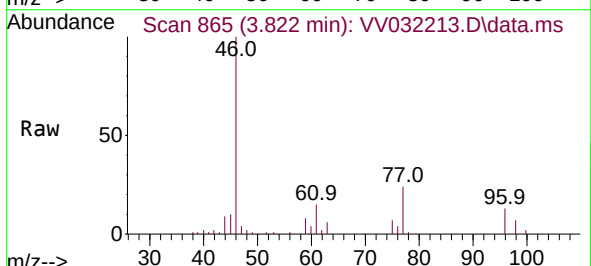
RT: 3.822 min Scan# 865

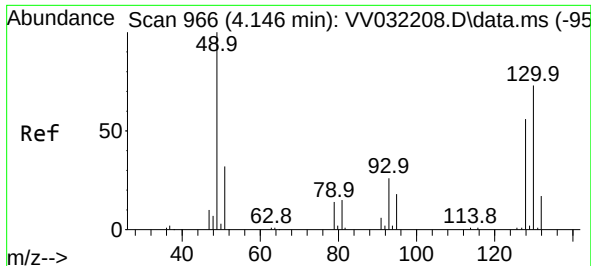
Delta R.T. 0.006 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

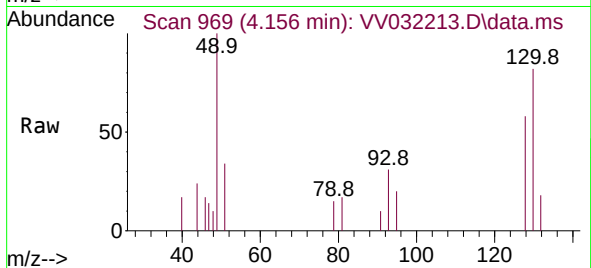
Tgt Ion: 96	Resp: 4026
Ion Ratio	Lower Upper
96 100	
61 120.1	88.3 164.1
98 55.3	43.3 80.3



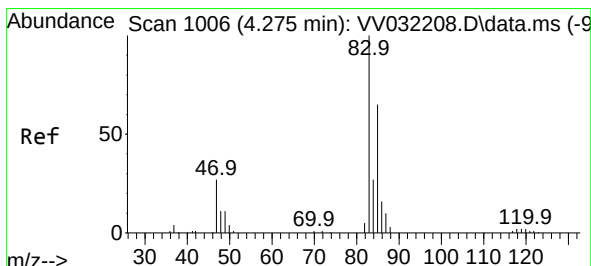
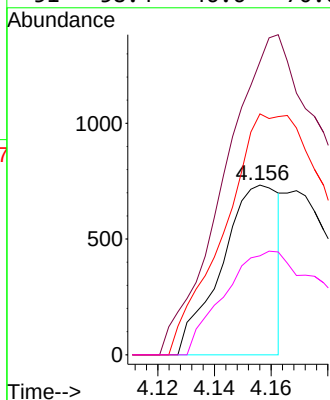
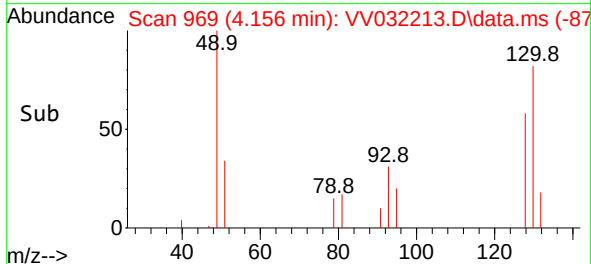


#23
Bromochloromethane
Concen: 1.465 ug/L
RT: 4.156 min Scan# 909
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

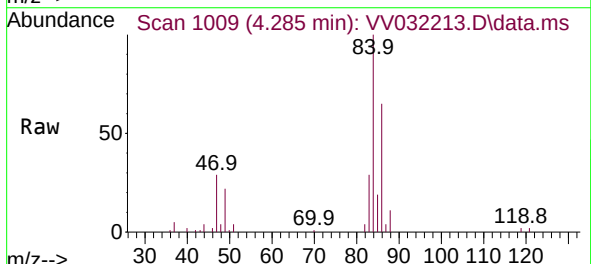
Instrument :
MSVOA_V
ClientSampleId :



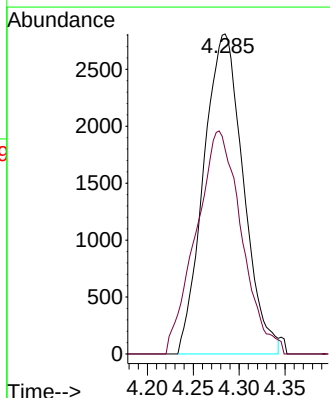
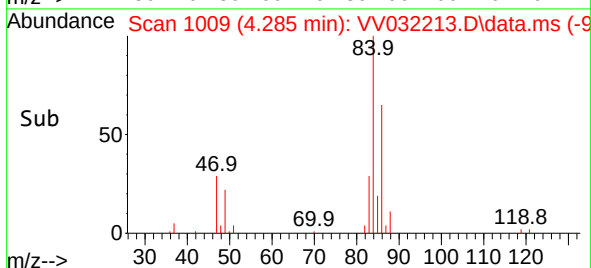
Tgt Ion:128 Resp: 1027
Ion Ratio Lower Upper
128 100
49 172.7 125.0 232.2
130 142.0 92.3 171.5
51 58.4 46.6 70.0

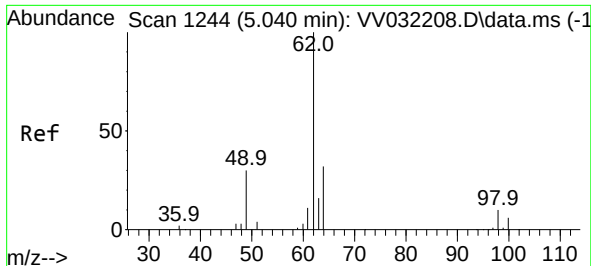


#25
Chloroform
Concen: 3.547 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29



Tgt Ion: 83 Resp: 8441
Ion Ratio Lower Upper
83 100
85 64.0 45.6 84.6

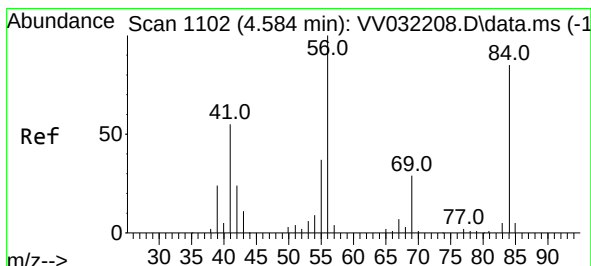
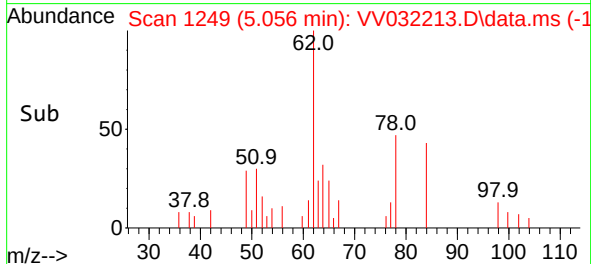
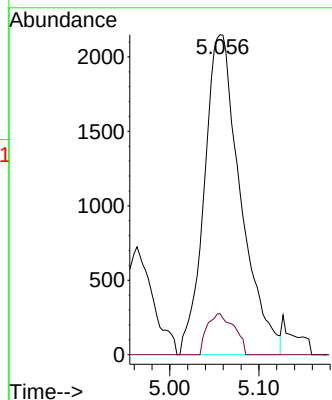
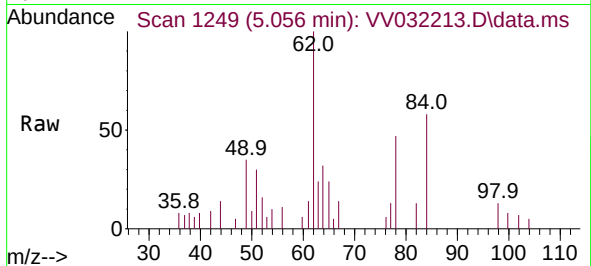




#27
1,2-Dichloroethane
Concen: 3.371 ug/L
RT: 5.056 min Scan# 1124
Delta R.T. 0.016 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

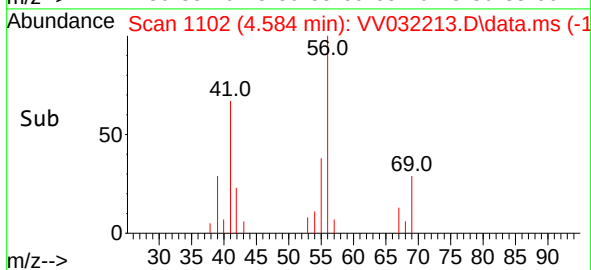
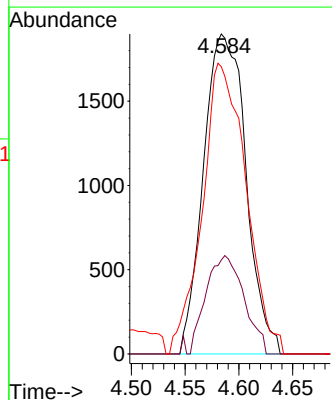
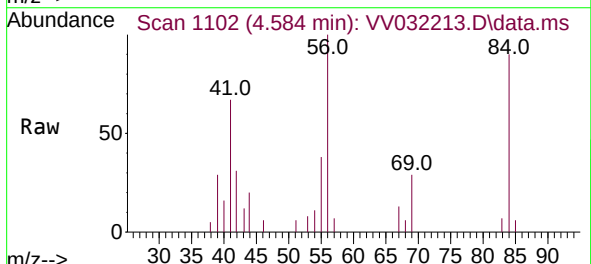
Instrument :
MSVOA_V
ClientSampleId :

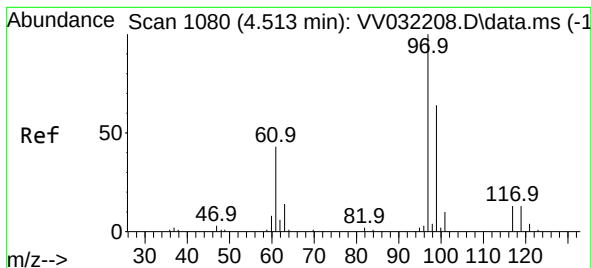
Tgt Ion: 62 Resp: 6063
Ion Ratio Lower Upper
62 100
98 12.8 8.1 12.1#



#29
Cyclohexane
Concen: 2.204 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 56 Resp: 5206
Ion Ratio Lower Upper
56 100
69 27.6 23.3 34.9
84 93.1 66.2 99.2





#30

1,1,1-Trichloroethane

Concen: 2.624 ug/L

RT: 4.523 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

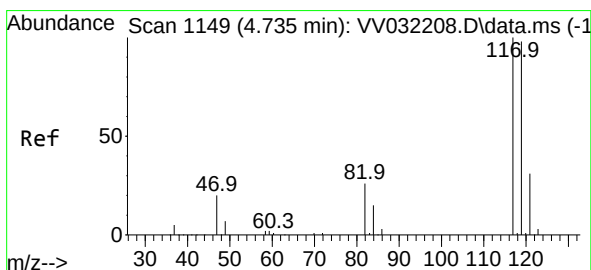
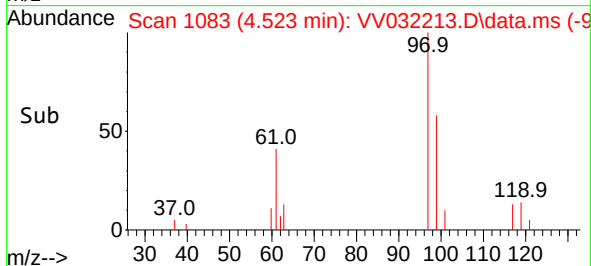
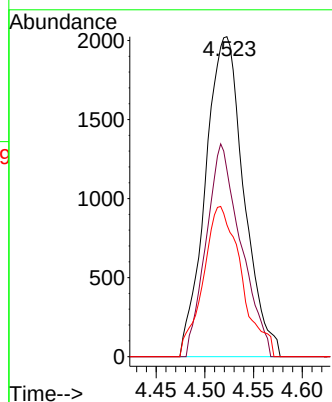
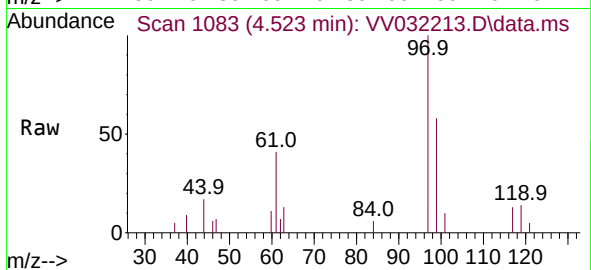
Tgt Ion: 97 Resp: 5538

Ion Ratio Lower Upper

97 100

99 60.0 51.3 76.9

61 46.8 35.0 52.6



#31

Carbon tetrachloride

Concen: 2.470 ug/L

RT: 4.741 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VV032213.D

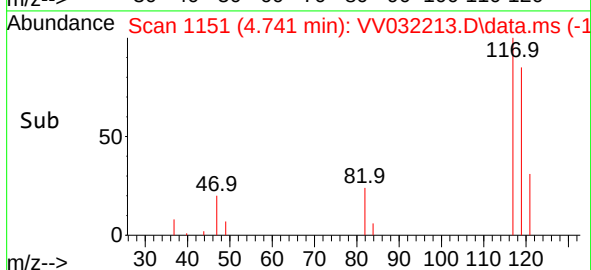
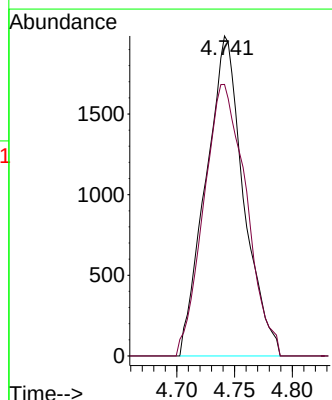
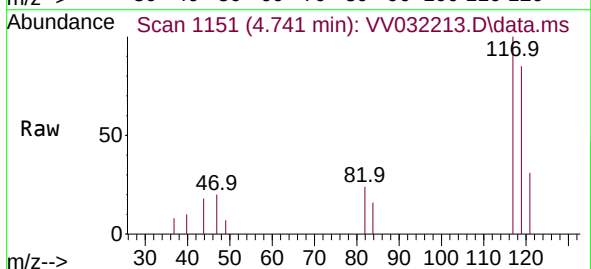
Acq: 03 Oct 2023 13:29

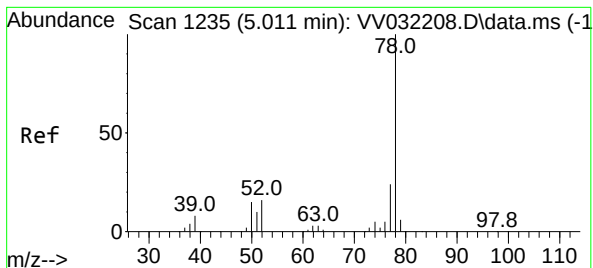
Tgt Ion: 117 Resp: 4501

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0





#33

Benzene

Concen: 2.763 ug/L

RT: 5.015 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032213.D

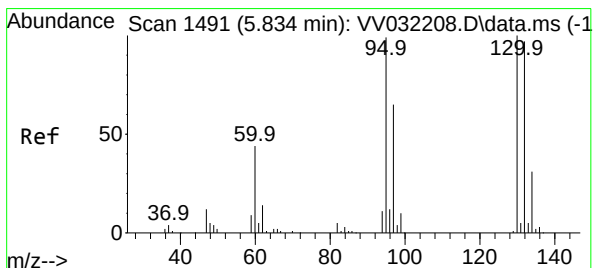
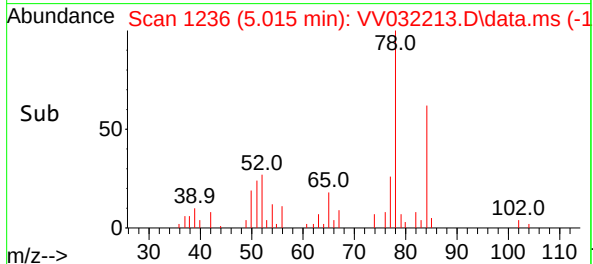
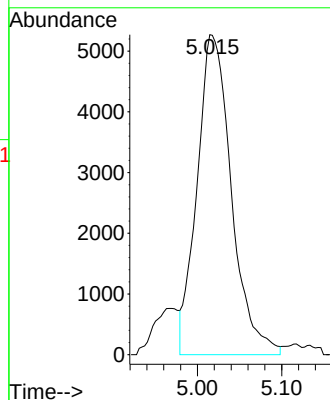
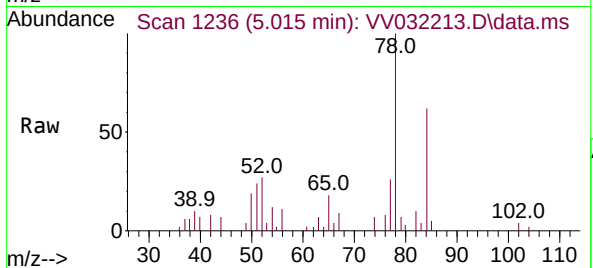
Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 14915



#34

Trichloroethene

Concen: 2.866 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Tgt Ion: 95 Resp: 4260

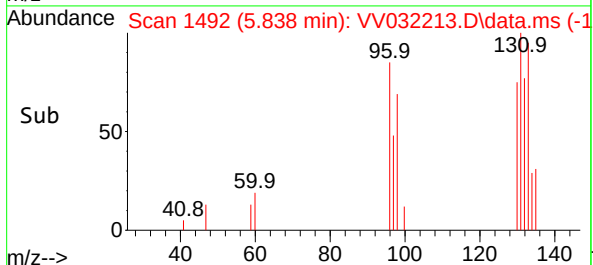
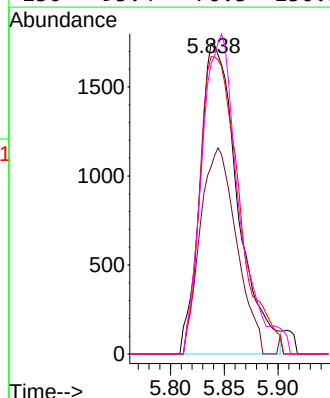
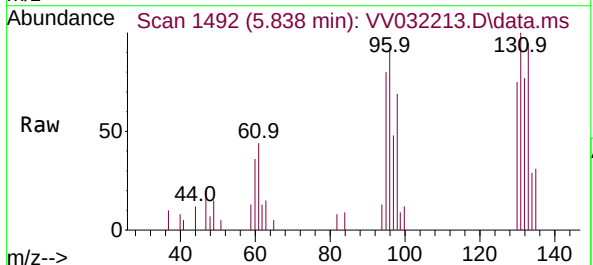
Ion Ratio Lower Upper

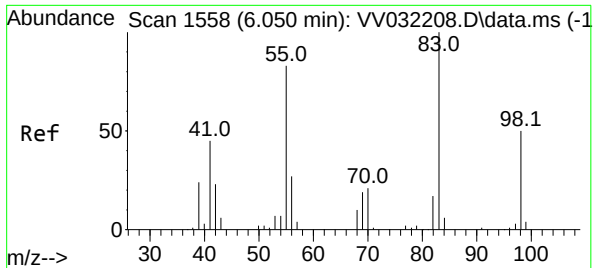
95 100

97 60.3 45.4 84.4

132 95.6 66.1 122.7

130 93.4 70.3 130.5





#35

Methylcyclohexane

Concen: 1.906 ug/L

RT: 6.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

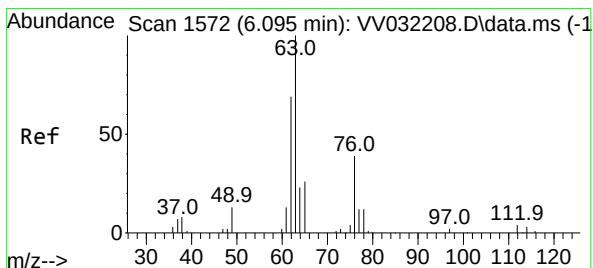
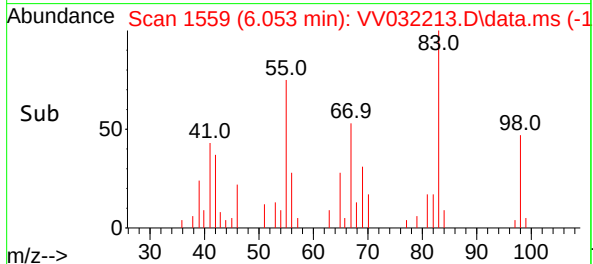
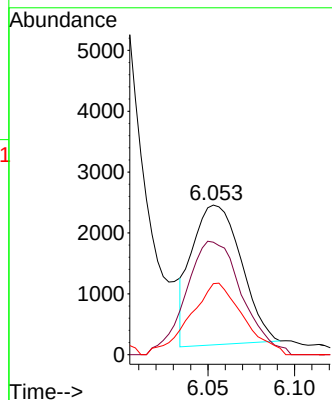
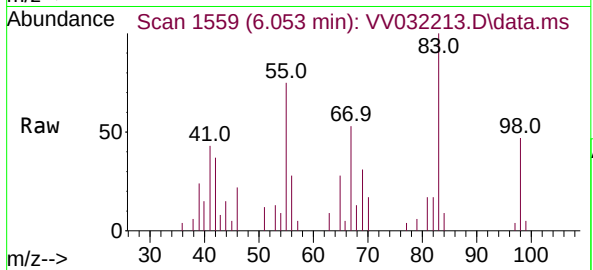
Tgt Ion: 83 Resp: 4530

Ion Ratio Lower Upper

83 100

55 92.3 62.9 94.3

98 55.2 38.9 58.3



#37

1,2-Dichloropropane

Concen: 2.632 ug/L

RT: 6.104 min Scan# 1575

Delta R.T. 0.010 min

Lab File: VV032213.D

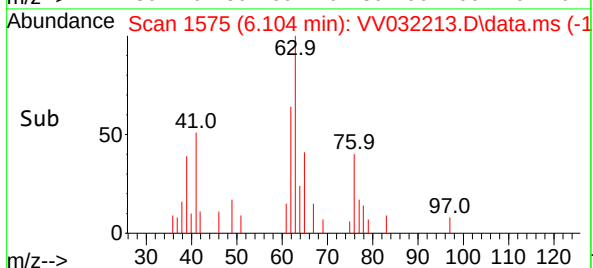
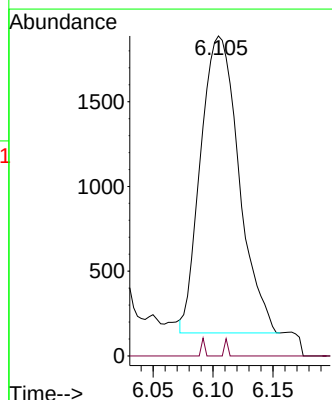
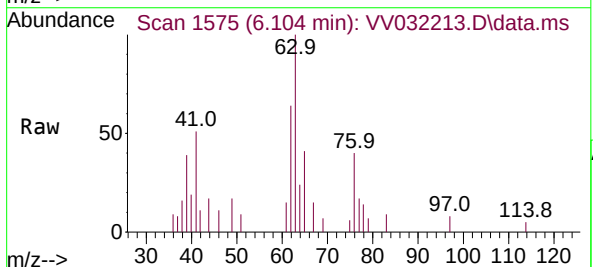
Acq: 03 Oct 2023 13:29

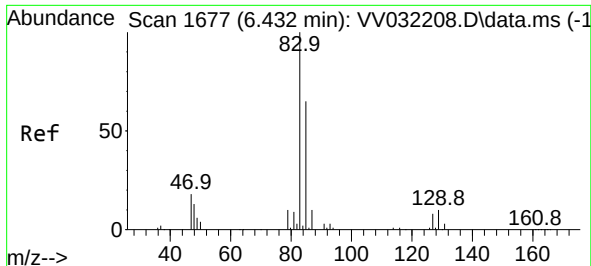
Tgt Ion: 63 Resp: 3899

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#

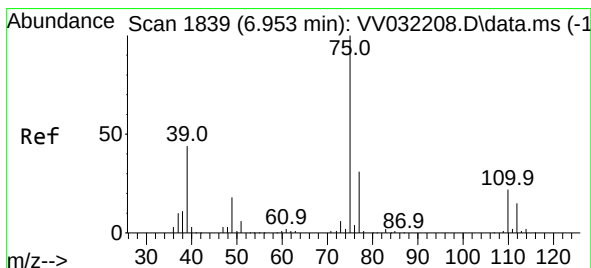
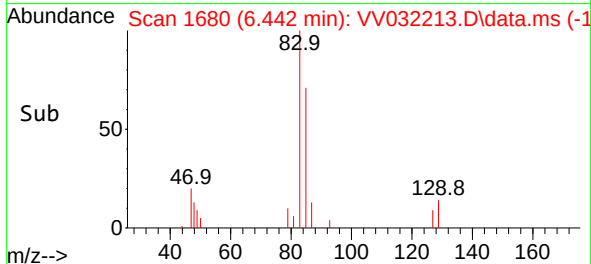
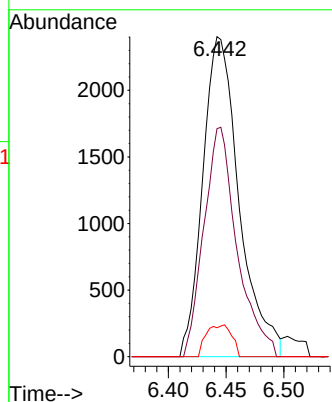
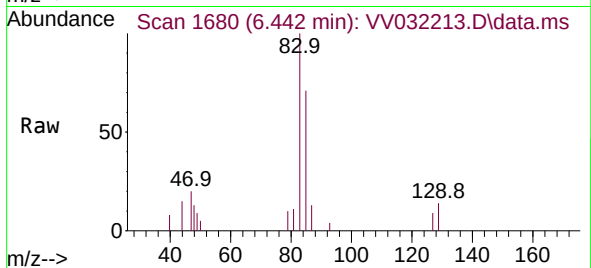




#38
Bromodichloromethane
Concen: 2.825 ug/L
RT: 6.442 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

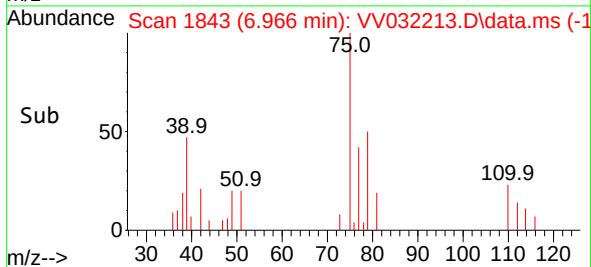
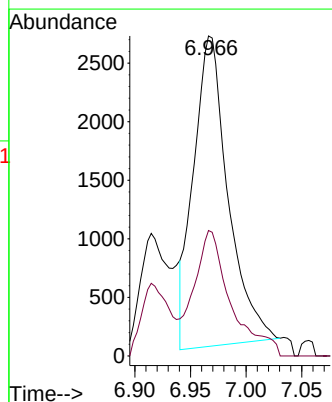
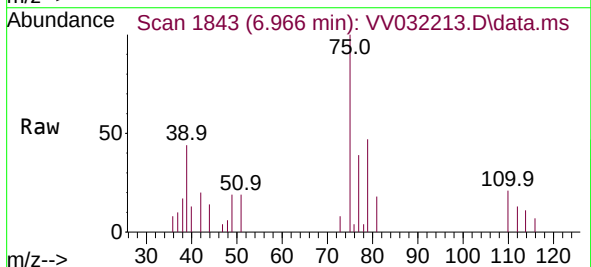
Instrument :
MSVOA_V
ClientSampleId :

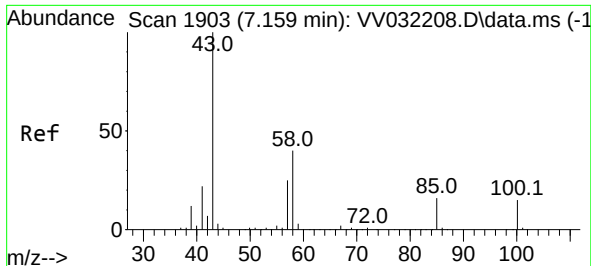
Tgt Ion: 83 Resp: 5261
Ion Ratio Lower Upper
83 100
85 71.2 45.1 83.9
127 9.0 6.4 9.6



#39
cis-1,3-Dichloropropene
Concen: 2.430 ug/L
RT: 6.966 min Scan# 1843
Delta R.T. 0.013 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 75 Resp: 5708
Ion Ratio Lower Upper
75 100
77 39.2 22.3 41.5





#40

4-Methyl-2-pentanone

Concen: 5.299 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.013 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

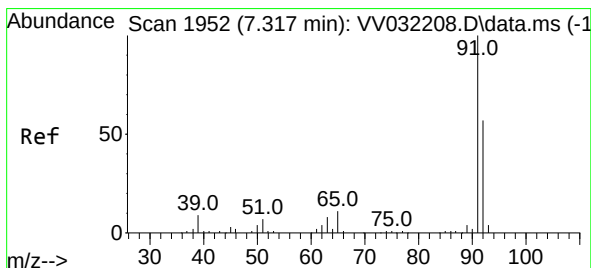
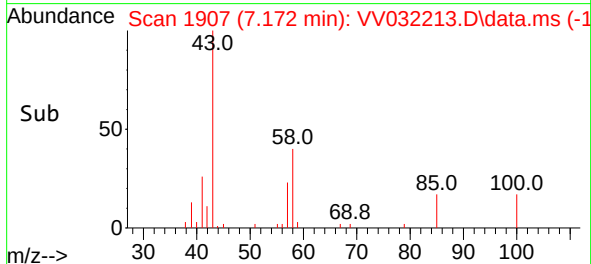
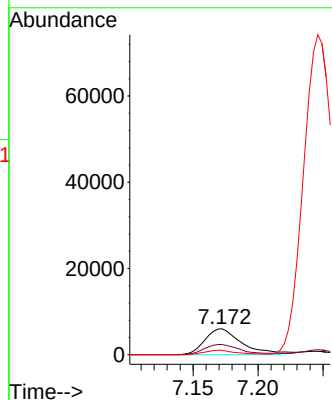
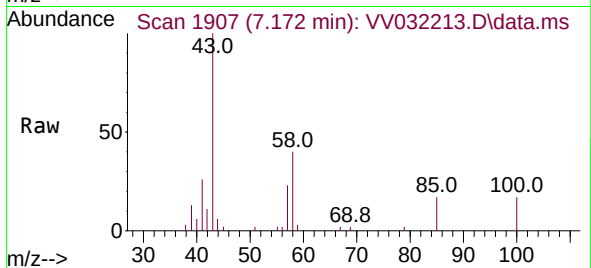
Tgt Ion: 43 Resp: 11699

Ion Ratio Lower Upper

43 100

58 38.6 31.0 46.6

100 15.4 11.6 17.4



#42

Toluene

Concen: 2.458 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VV032213.D

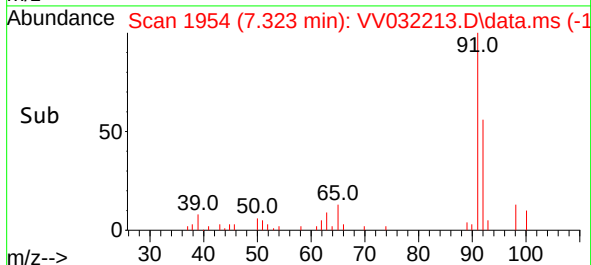
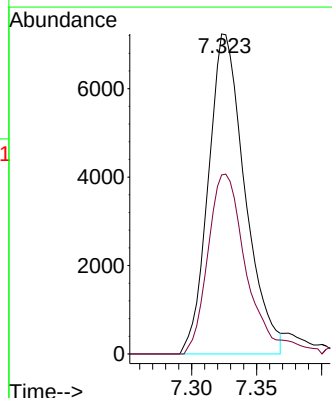
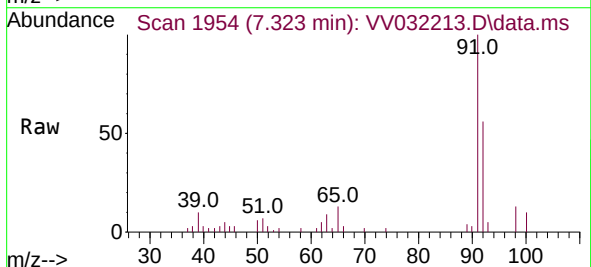
Acq: 03 Oct 2023 13:29

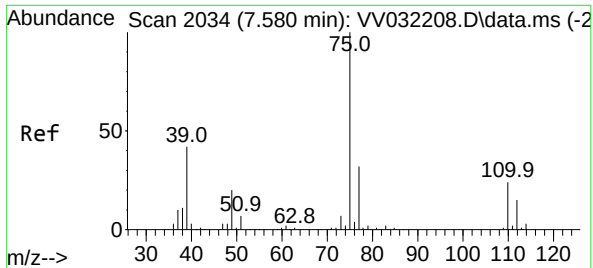
Tgt Ion: 91 Resp: 14166

Ion Ratio Lower Upper

91 100

92 56.0 40.5 75.3

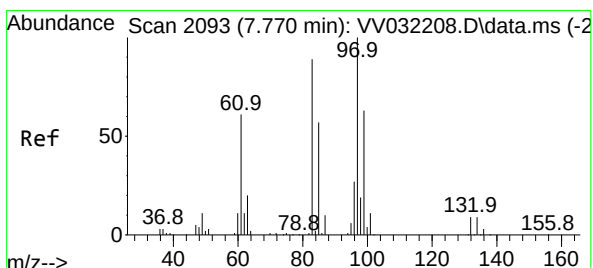
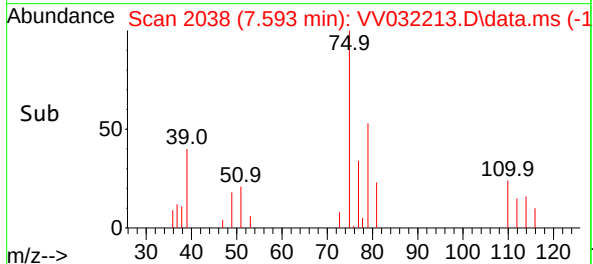
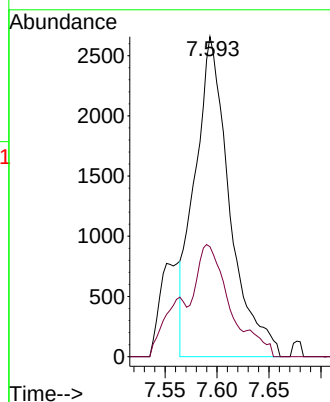
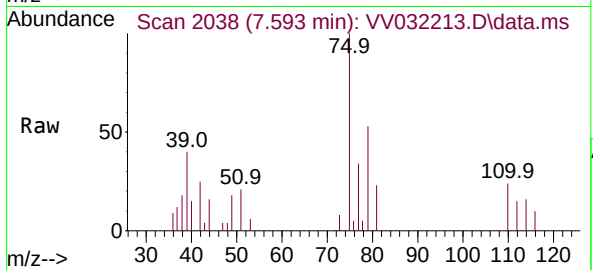




#44
trans-1,3-Dichloropropene
Concen: 2.877 ug/L
RT: 7.593 min Scan# 2038
Delta R.T. 0.013 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

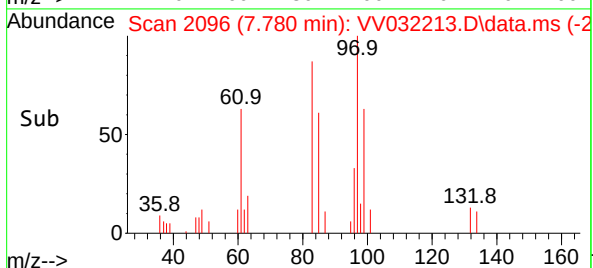
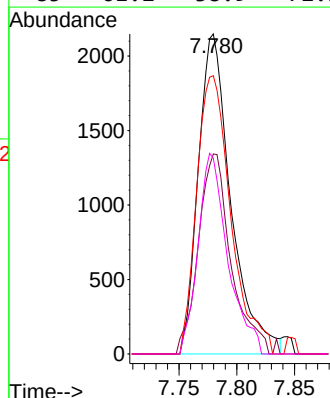
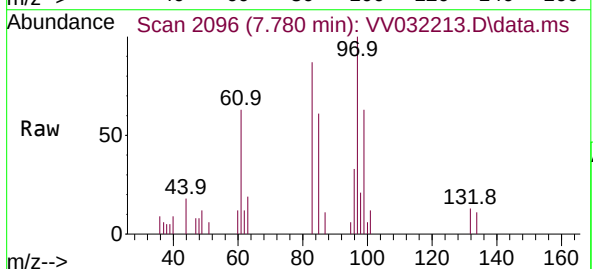
Instrument :
MSVOA_V
ClientSampleId :

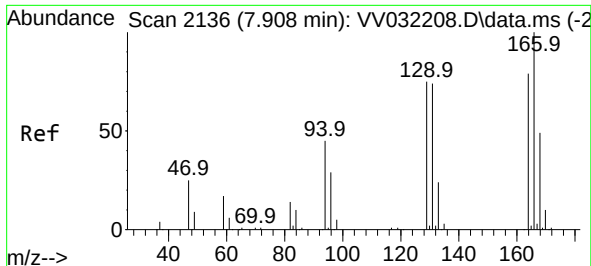
Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
77 34.3 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 2.987 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

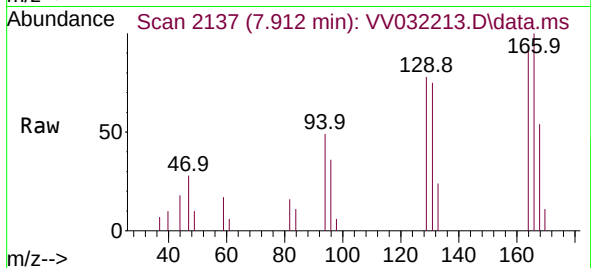
Tgt Ion: 97 Resp: 4221
Ion Ratio Lower Upper
97 100
99 62.5 43.3 80.3
83 87.0 60.8 113.0
85 61.2 38.9 72.2





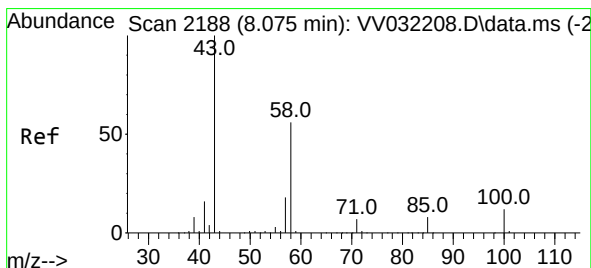
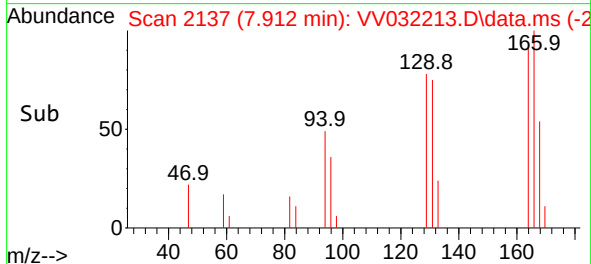
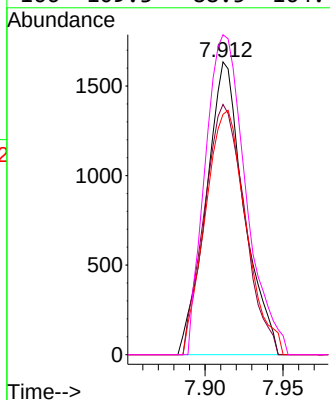
#46
Tetrachloroethene
Concen: 2.536 ug/L
RT: 7.912 min Scan# 2137
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 2739

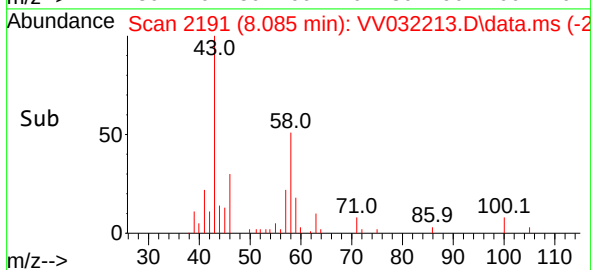
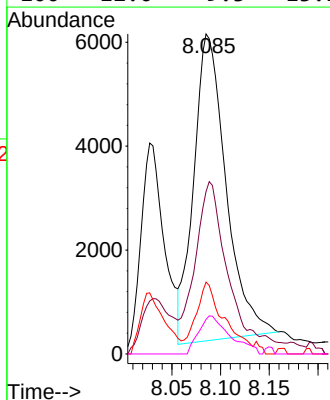
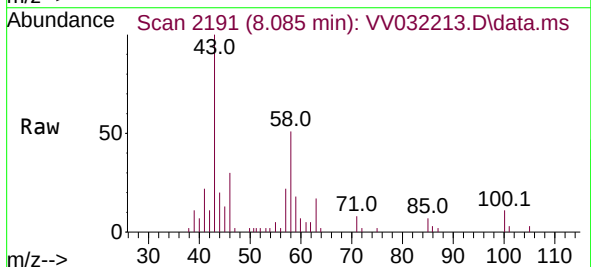
Ion	Ratio	Lower	Upper
164	100		
129	85.4	67.5	125.3
131	82.1	63.8	118.4
166	109.3	88.5	164.4

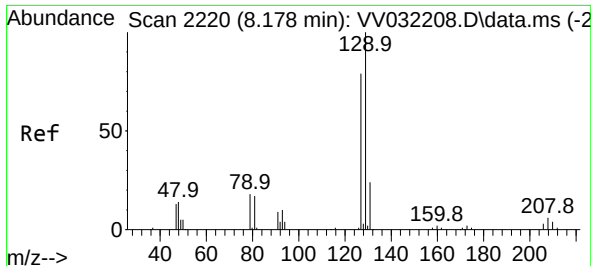


#48
2-Hexanone
Concen: 7.893 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.010 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 43 Resp: 13612

Ion	Ratio	Lower	Upper
43	100		
58	43.9	44.5	66.7#
57	10.7	13.9	20.9#
100	12.0	9.3	13.9





#49

Dibromochloromethane

Concen: 2.898 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

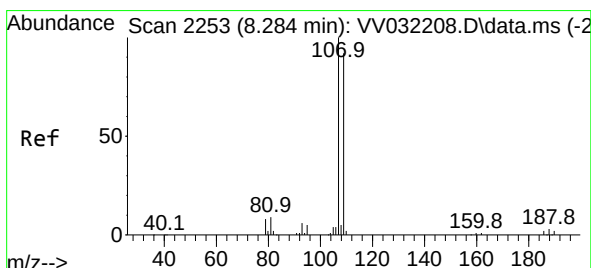
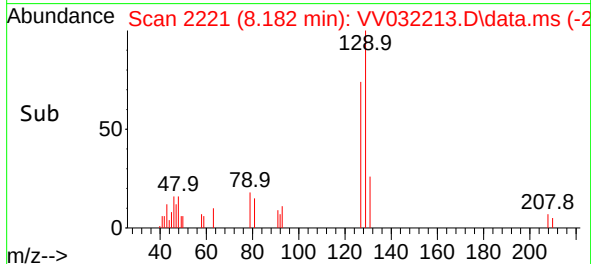
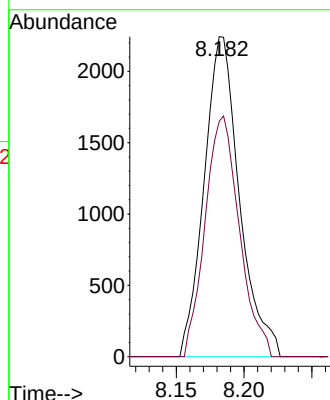
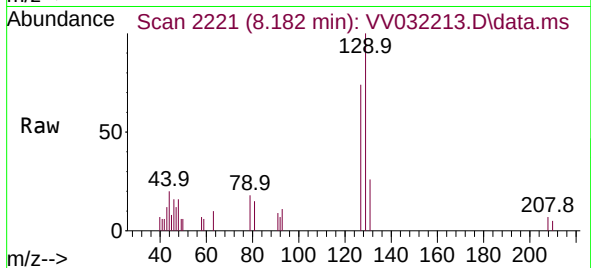
ClientSampleId :

Tgt Ion:129 Resp: 4071

Ion Ratio Lower Upper

129 100

127 73.6 54.9 101.9



#50

1,2-Dibromoethane

Concen: 2.984 ug/L

RT: 8.291 min Scan# 2255

Delta R.T. 0.006 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

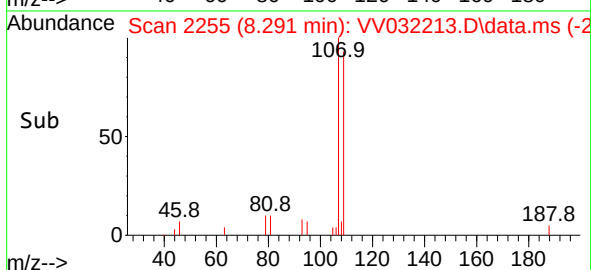
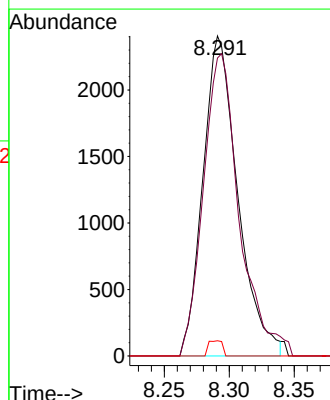
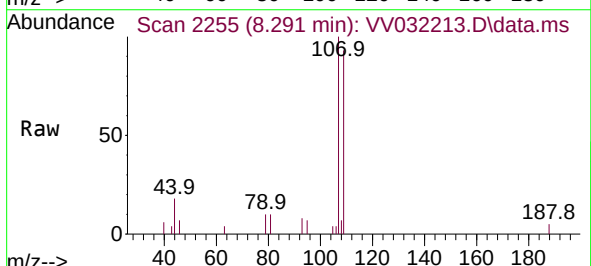
Tgt Ion:107 Resp: 4489

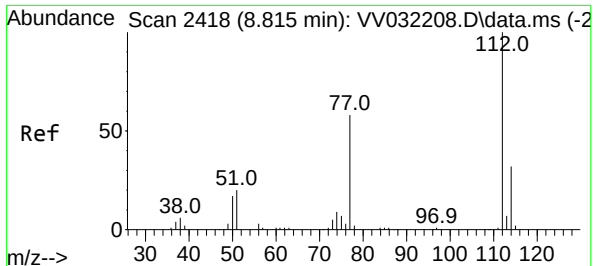
Ion Ratio Lower Upper

107 100

109 93.1 65.2 121.2

188 4.7 3.0 4.6#

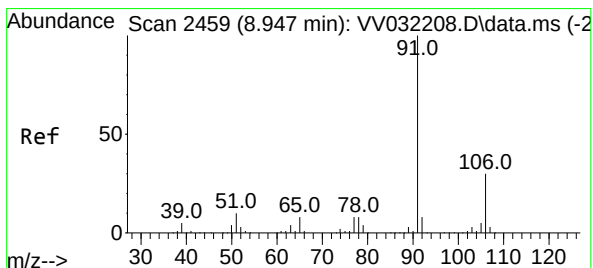
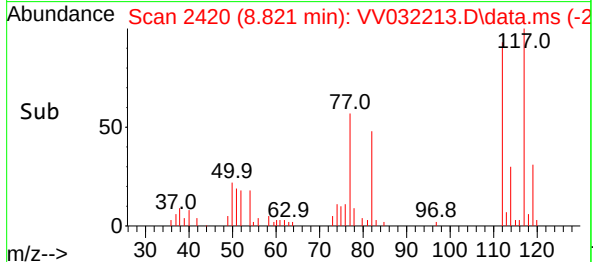
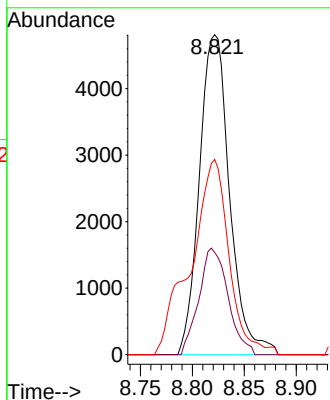
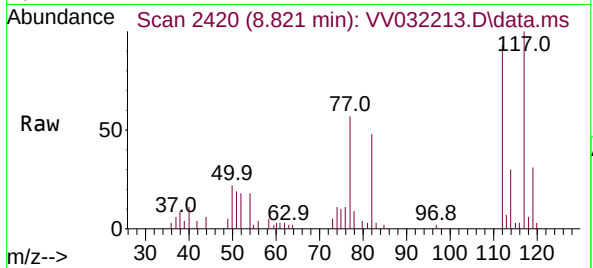




#51
Chlorobenzene
Concen: 2.622 ug/L
RT: 8.821 min Scan# 2418
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

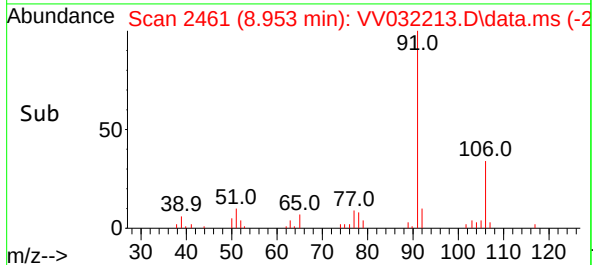
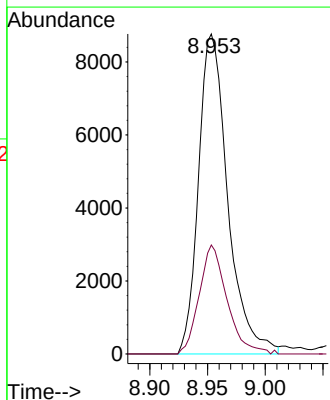
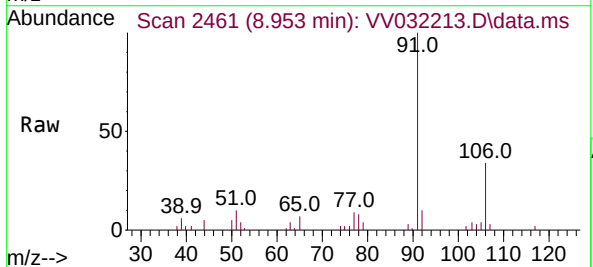
Instrument :
MSVOA_V
ClientSampleId :

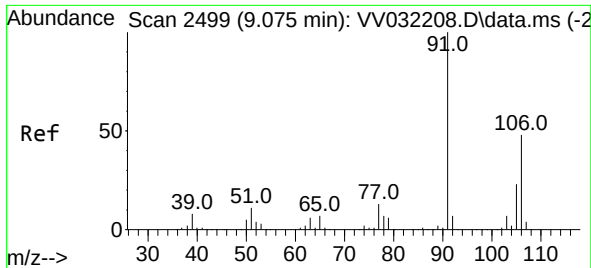
Tgt Ion:112 Resp: 9750
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.9
77 61.1 46.7 70.1



#52
Ethylbenzene
Concen: 2.397 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 91 Resp: 15433
Ion Ratio Lower Upper
91 100
106 34.0 20.9 38.7

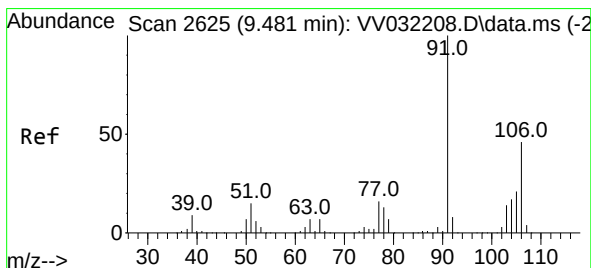
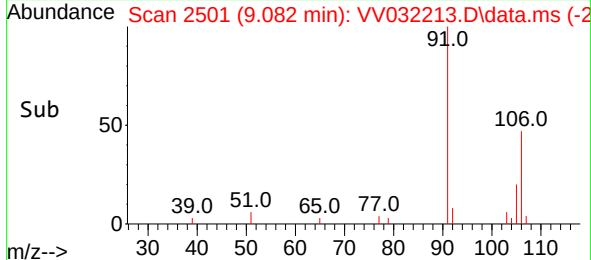
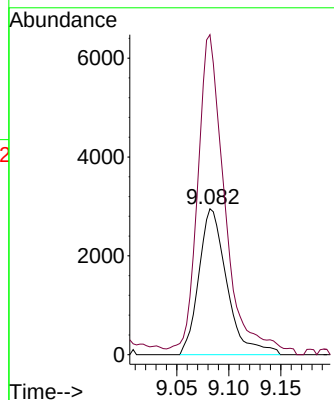
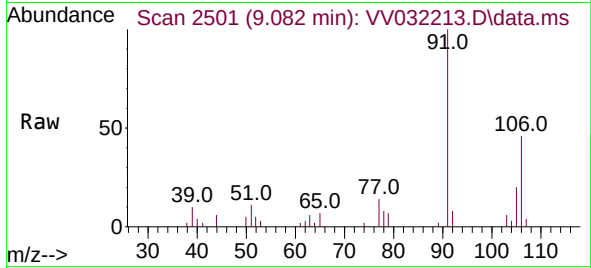




#53
m,p-Xylene
Concen: 2.316 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

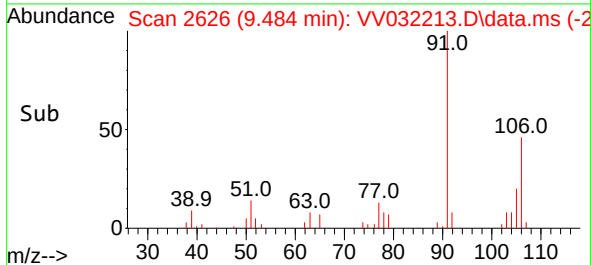
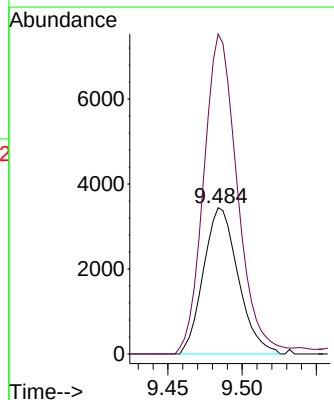
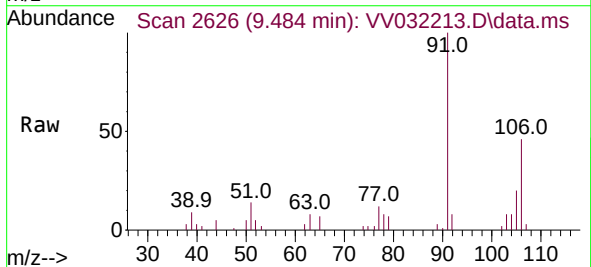
Instrument :
MSVOA_V
ClientSampleId :

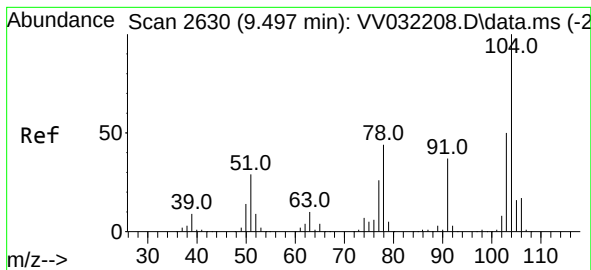
Tgt Ion:106 Resp: 5555
Ion Ratio Lower Upper
106 100
91 219.3 143.8 267.0



#54
o-Xylene
Concen: 2.368 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion:106 Resp: 5595
Ion Ratio Lower Upper
106 100
91 218.8 153.4 284.8





#55

Styrene

Concen: 2.340 ug/L

RT: 9.506 min Scan# 2

Delta R.T. 0.010 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

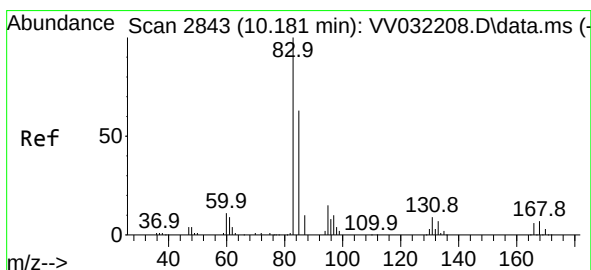
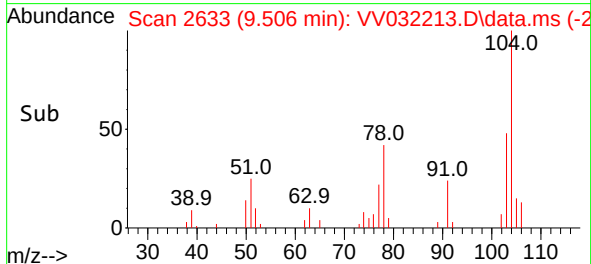
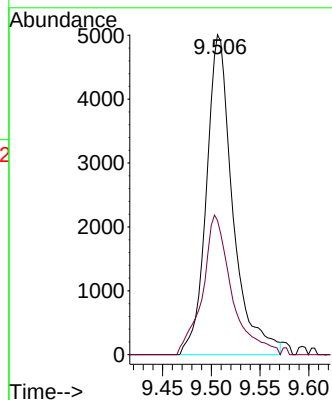
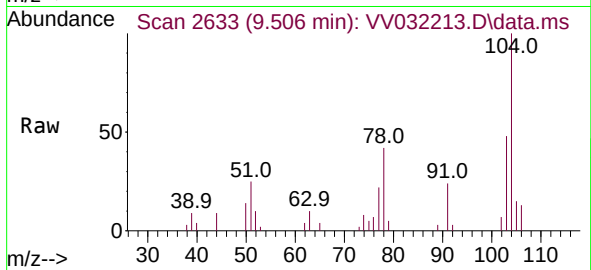
ClientSampleId :

Tgt Ion:104 Resp: 9434

Ion Ratio Lower Upper

104 100

78 41.9 30.4 56.5



#57

1,1,2,2-Tetrachloroethane

Concen: 3.124 ug/L

RT: 10.182 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

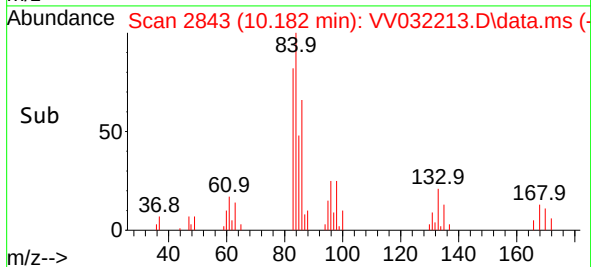
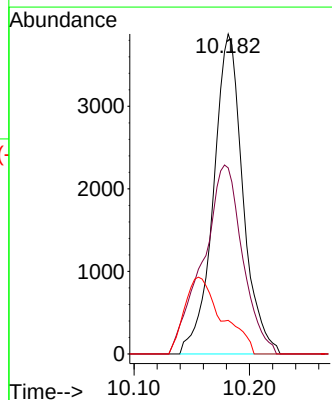
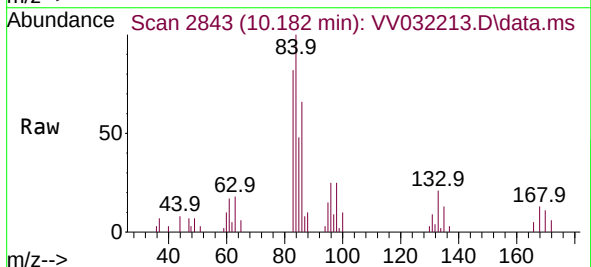
Tgt Ion: 83 Resp: 6879

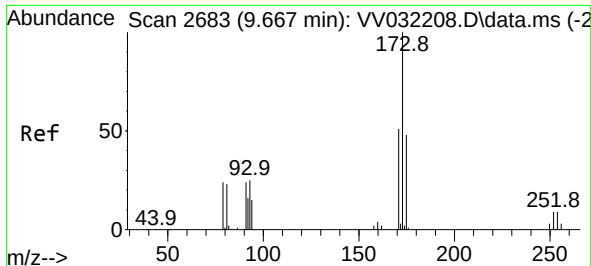
Ion Ratio Lower Upper

83 100

85 58.2 44.7 82.9

131 10.5 7.4 11.0

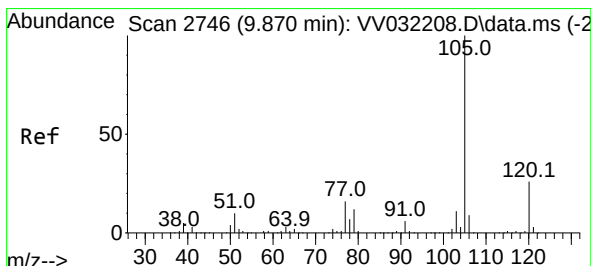
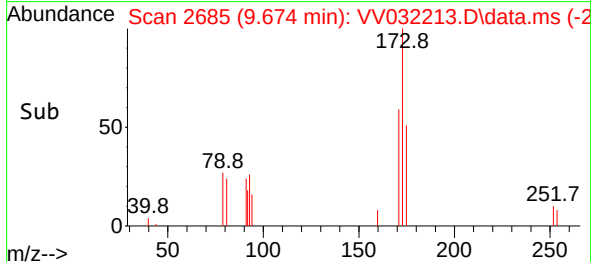
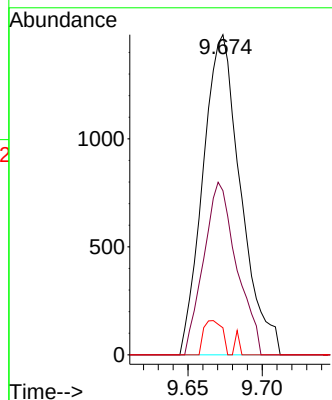
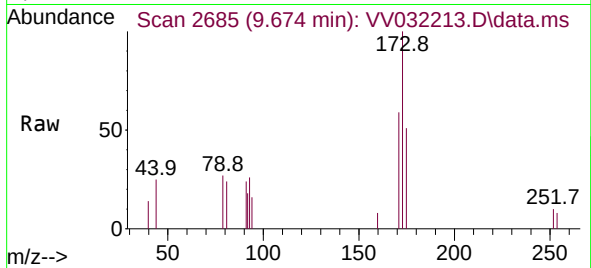




#59
Bromoform
Concen: 2.772 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. 0.006 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

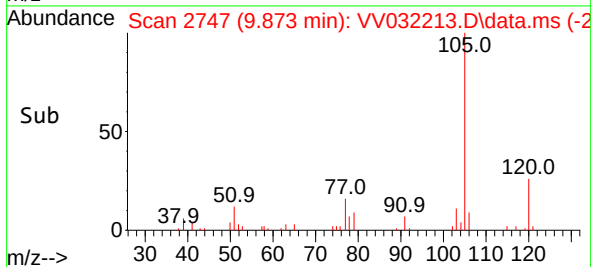
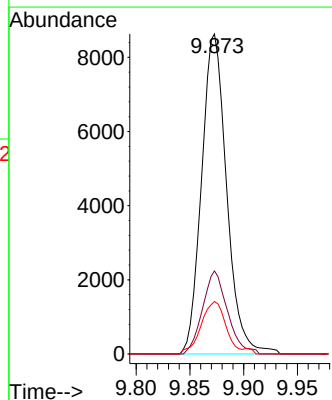
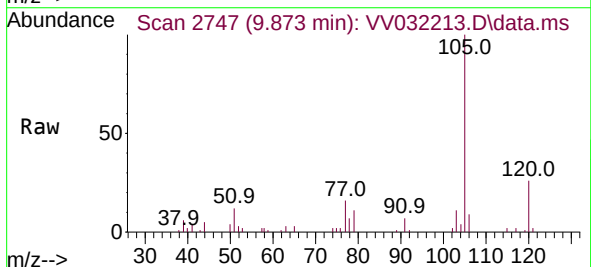
Instrument :
MSVOA_V
ClientSampleId :

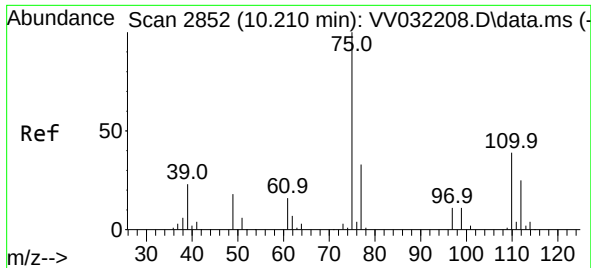
Tgt Ion:173 Resp: 2617
Ion Ratio Lower Upper
173 100
175 47.1 39.5 59.3
254 5.2 7.0 10.4#



#60
Isopropylbenzene
Concen: 2.365 ug/L
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion:105 Resp: 13990
Ion Ratio Lower Upper
105 100
120 25.6 21.0 31.6
77 16.1 12.7 19.1

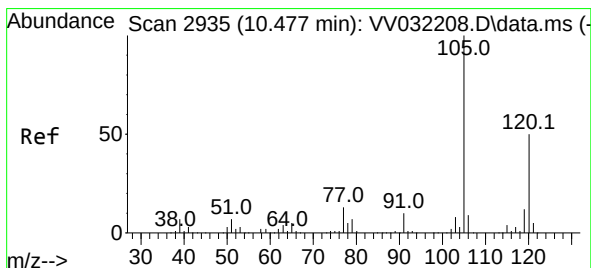
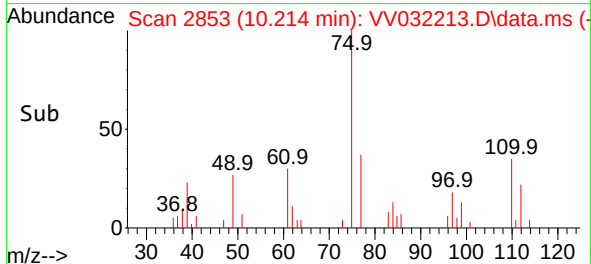
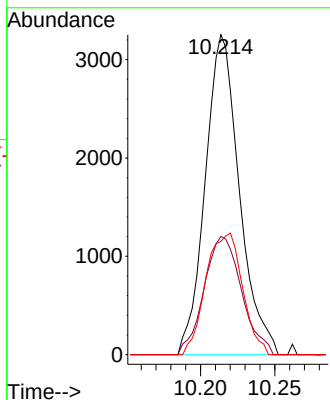
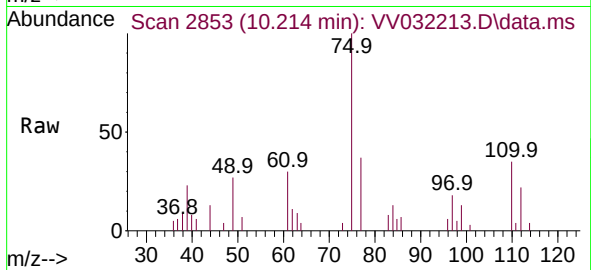




#61
1,2,3-Trichloropropane
Concen: 3.147 ug/L
RT: 10.214 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

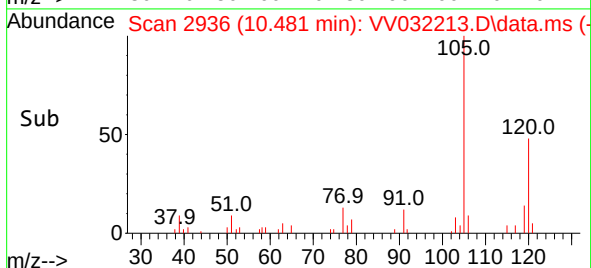
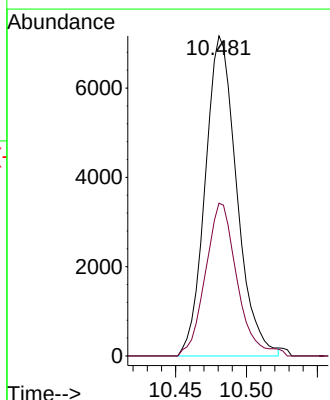
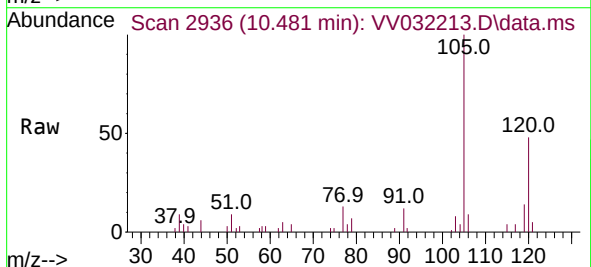
Instrument :
MSVOA_V
ClientSampleId :

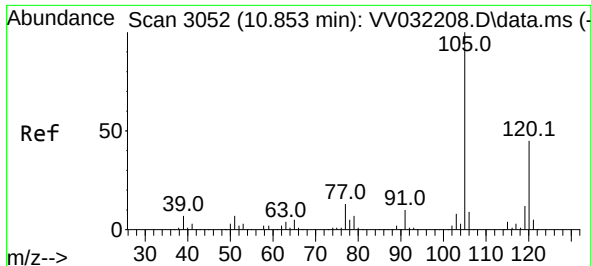
Tgt Ion: 75 Resp: 5199
Ion Ratio Lower Upper
75 100
77 40.6 26.1 39.1#
110 40.7 30.5 45.7



#62
1,3,5-Trimethylbenzene
Concen: 2.283 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion: 105 Resp: 11094
Ion Ratio Lower Upper
105 100
120 47.1 39.4 59.0

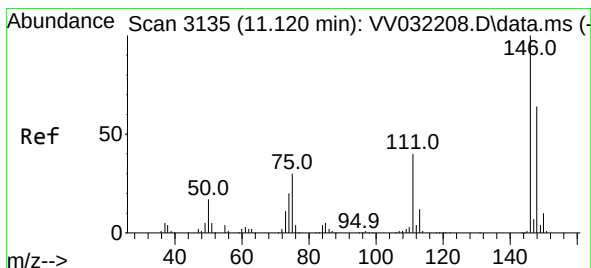
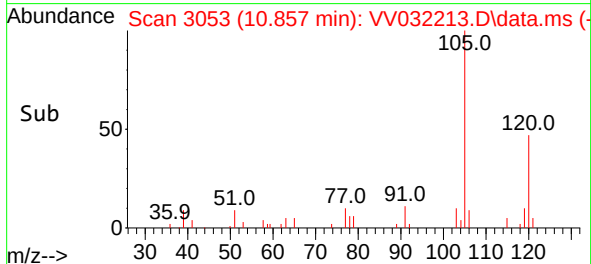
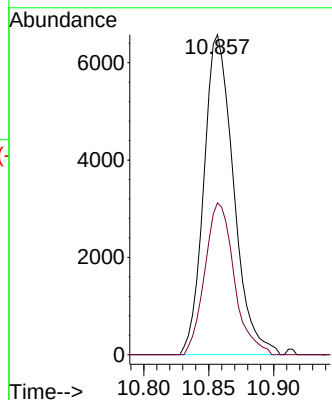
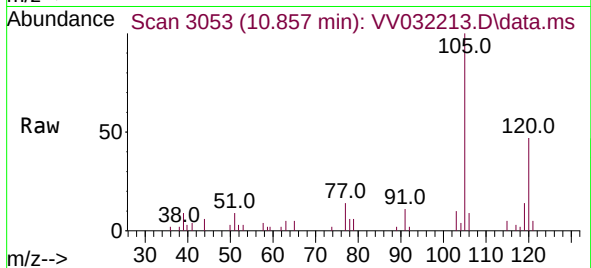




#63
 1,2,4-Trimethylbenzene
 Concen: 2.189 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.003 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

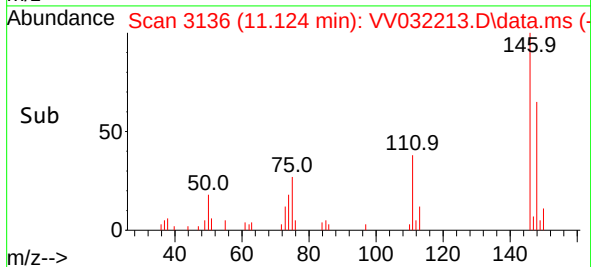
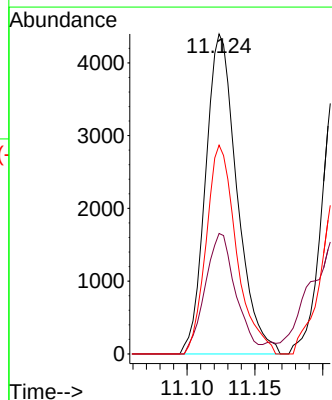
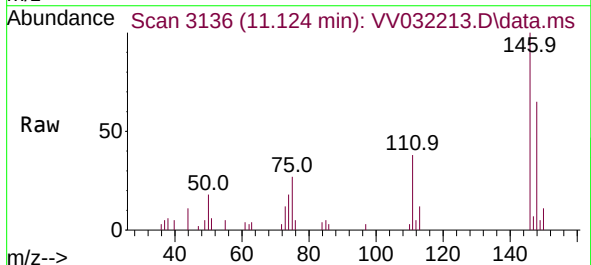
Instrument :
 MSVOA_V
 ClientSampleId :

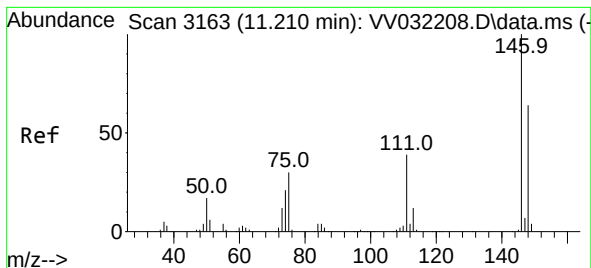
Tgt Ion:105 Resp: 10463
 Ion Ratio Lower Upper
 105 100
 120 46.9 36.5 54.7



#64
 1,3-Dichlorobenzene
 Concen: 2.565 ug/L
 RT: 11.124 min Scan# 3136
 Delta R.T. 0.003 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Tgt Ion:146 Resp: 7093
 Ion Ratio Lower Upper
 146 100
 111 37.7 28.3 52.5
 148 65.3 44.2 82.0





#65

1,4-Dichlorobenzene

Concen: 2.789 ug/L

RT: 11.214 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :

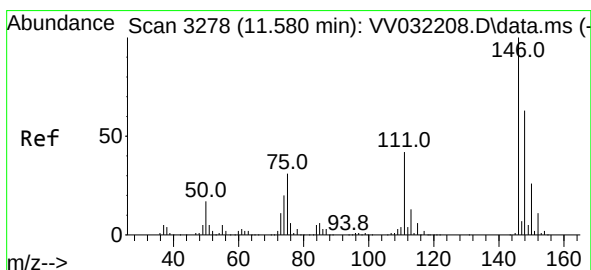
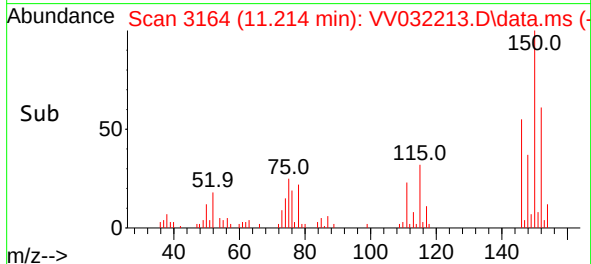
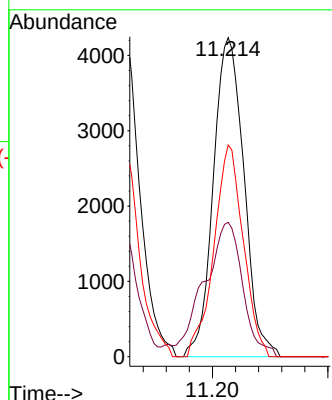
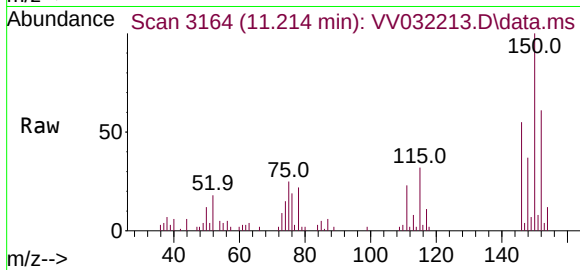
Tgt Ion:146 Resp: 7789

Ion Ratio Lower Upper

146 100

111 42.1 27.5 51.1

148 66.4 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 2.871 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

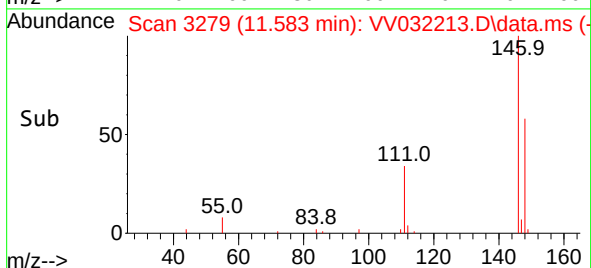
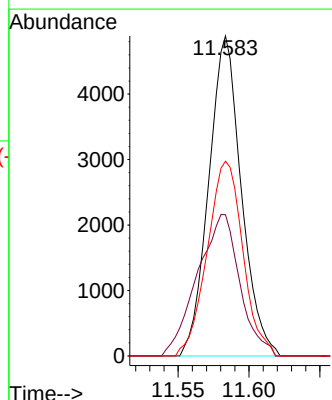
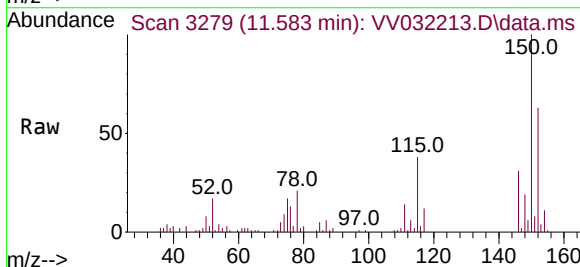
Tgt Ion:146 Resp: 7809

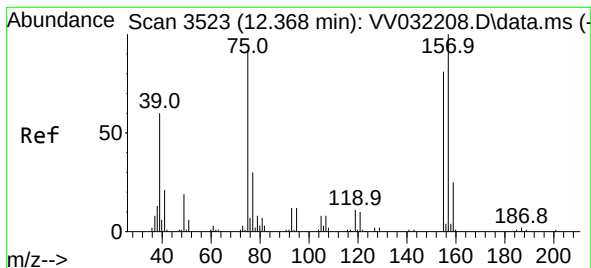
Ion Ratio Lower Upper

146 100

111 44.1 33.6 50.4

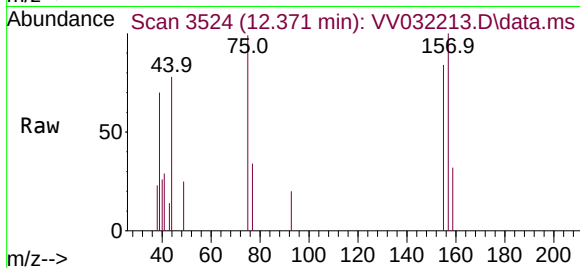
148 60.9 49.9 74.9



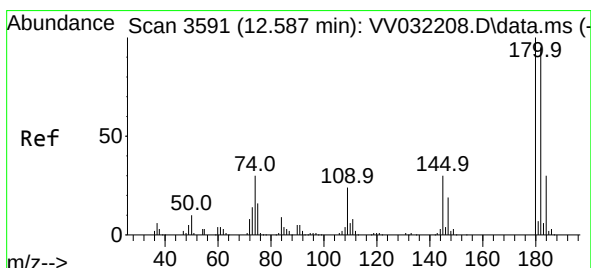
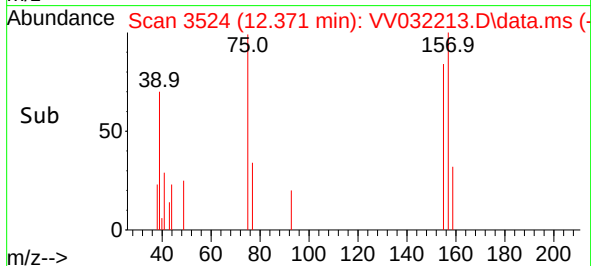
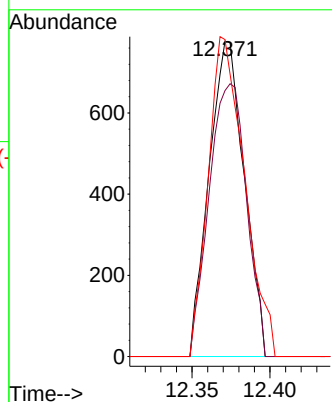


#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.671 ug/L
 RT: 12.371 min Scan# 3524
 Delta R.T. 0.003 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Instrument :
 MSVOA_V
 ClientSampleId :

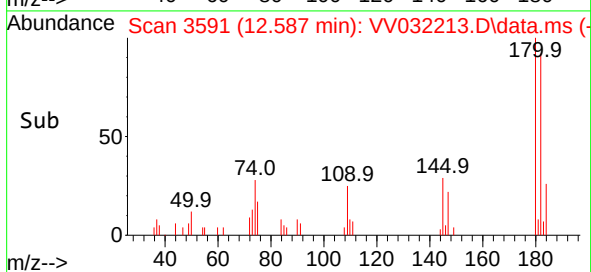
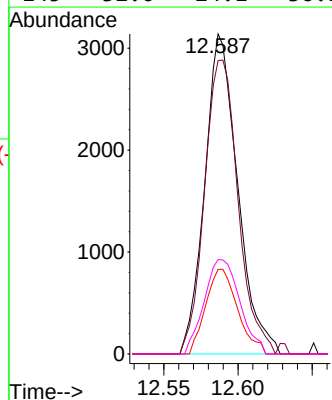
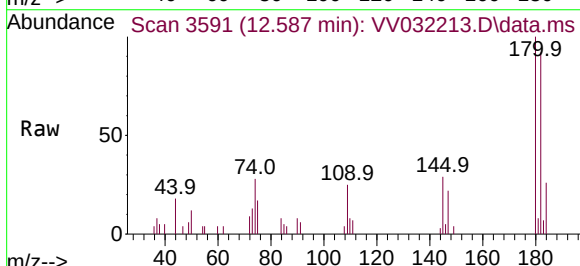


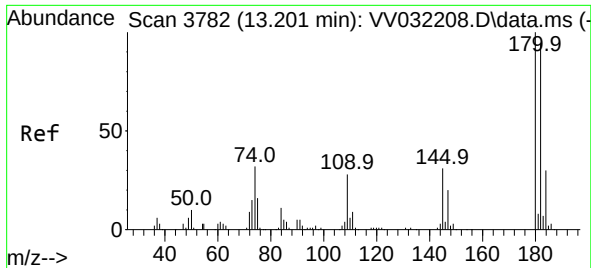
Tgt Ion: 75 Resp: 1218
 Ion Ratio Lower Upper
 75 100
 155 84.3 70.0 105.0
 157 100.5 90.4 135.6



#69
 1,3,5-Trichlorobenzene
 Concen: 2.415 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032213.D
 Acq: 03 Oct 2023 13:29

Tgt Ion: 180 Resp: 4835
 Ion Ratio Lower Upper
 180 100
 182 93.5 75.6 113.4
 184 25.7 23.9 35.9
 145 32.0 24.1 36.1

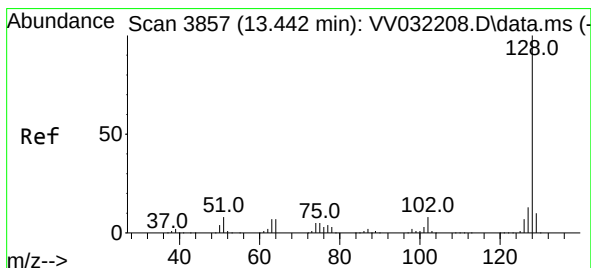
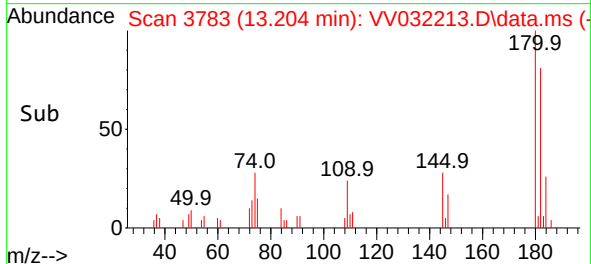
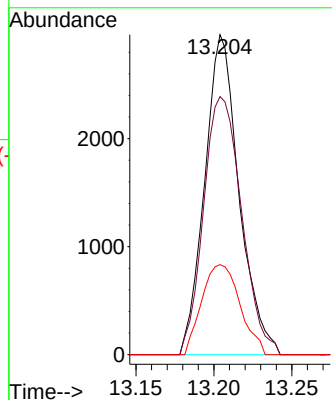
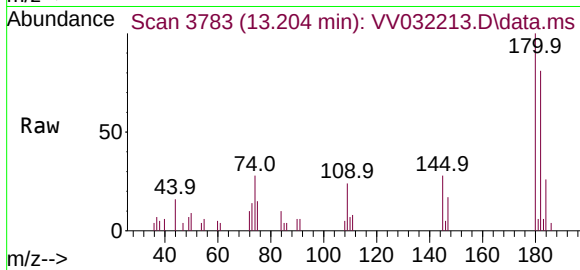




#70
1,2,4-trichlorobenzene
Concen: 2.410 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

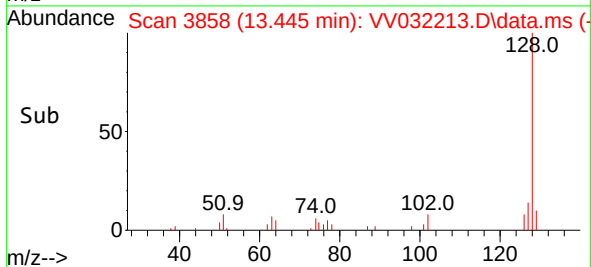
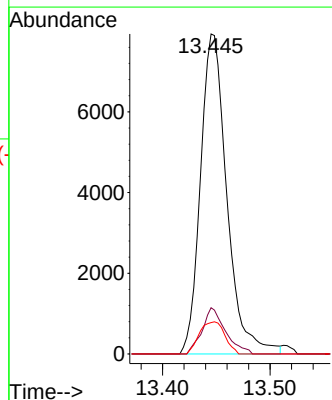
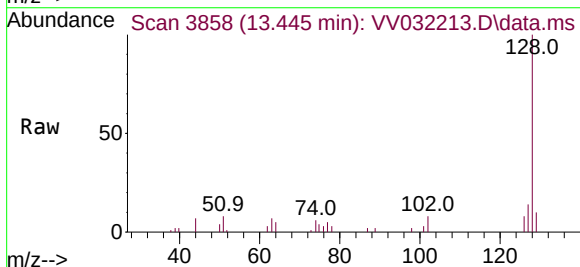
Instrument :
MSVOA_V
ClientSampleId :

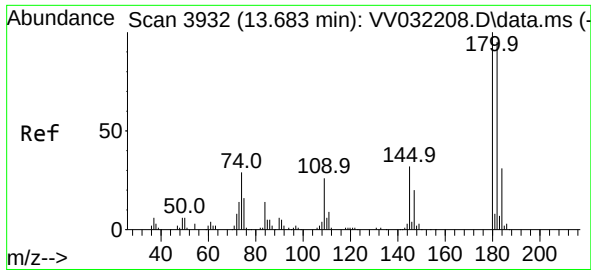
Tgt Ion:180 Resp: 4537
Ion Ratio Lower Upper
180 100
182 89.3 75.3 112.9
145 31.4 24.4 36.6



#71
Naphthalene
Concen: 2.179 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV032213.D
Acq: 03 Oct 2023 13:29

Tgt Ion:128 Resp: 13518
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 9.7 8.6 12.8





#72

1,2,3-Trichlorobenzene

Concen: 2.248 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.003 min

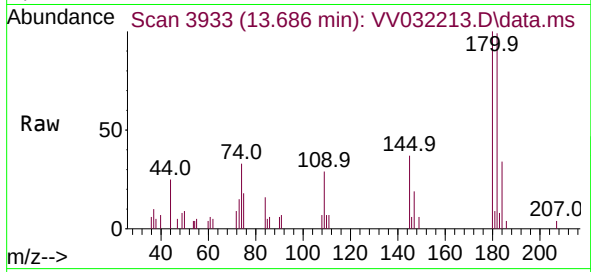
Lab File: VV032213.D

Acq: 03 Oct 2023 13:29

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4206

Ion Ratio Lower Upper

180 100

182 102.1 75.2 112.8

145 33.7 25.8 38.8

