

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092523\
 Data File : VW032170.D
 Acq On : 25 Sep 2023 13:49
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 26 01:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 26 01:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	244139	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	238157	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	129431	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156295	102.876	ug/L	0.00
7) Chloroethane-d5	1.526	69	133920	100.060	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	67416	95.733	ug/L	0.00
21) 2-Butanone-d5	3.783	46	295314	236.835	ug/L	0.00
24) Chloroform-d	4.249	84	329262	99.227	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.944	65	199362	91.873	ug/L	0.00
32) Benzene-d6	4.960	84	644911	99.785	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	213459	100.906	ug/L	0.00
41) Toluene-d8	7.246	98	587501	98.565	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.555	79	105822	98.591	ug/L	0.00
47) 2-Hexanone-d5	8.027	63	200531	283.459	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.156	84	306011	109.788	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	235529	99.568	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	209193	130.015	ug/L	99
3) Chloromethane	1.214	50	227480	137.345	ug/L	99
5) Vinyl chloride	1.282	62	226196	131.090	ug/L	99
6) Bromomethane	1.475	94	135898	132.393	ug/L	100
8) Chloroethane	1.542	64	140874	124.651	ug/L	98
9) Trichlorofluoromethane	1.709	101	287500	117.906	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	173525	117.533	ug/L	99
12) 1,1-Dichloroethene	2.066	96	161558	120.974	ug/L	95
13) Acetone	2.111	43	250825	228.490	ug/L	100
14) Carbon disulfide	2.240	76	524515	158.313	ug/L	99
15) Methyl Acetate	2.372	43	236095	118.312	ug/L	100
16) Methylene chloride	2.446	84	198301	115.743	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	180845	123.104	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	616565	103.346	ug/L	99
19) 1,1-Dichloroethane	3.111	63	361995	112.456	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	208298	114.860	ug/L	98
22) 2-Butanone	3.864	43	351089	240.171	ug/L	96
23) Bromochloromethane	4.146	128	103937	117.500	ug/L	96
25) Chloroform	4.278	83	350803	106.506	ug/L	100
27) 1,2-Dichloroethane	5.044	62	264078	102.221	ug/L	100
29) Cyclohexane	4.584	56	340770	129.113	ug/L	100
30) 1,1,1-Trichloroethane	4.513	97	301957	107.975	ug/L	100
31) Carbon tetrachloride	4.738	117	260525	109.079	ug/L	99
33) Benzene	5.011	78	775133	116.454	ug/L	100
34) Trichloroethene	5.835	95	212187	107.582	ug/L	100
35) Methylcyclohexane	6.053	83	337098	123.260	ug/L	99
37) 1,2-Dichloropropane	6.095	63	215523	117.261	ug/L	99
38) Bromodichloromethane	6.436	83	269990	104.469	ug/L	99
39) cis-1,3-Dichloropropene	6.957	75	349315	109.738	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	650289	221.157	ug/L	100
42) Toluene	7.317	91	826111	114.117	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	320148	105.421	ug/L	99

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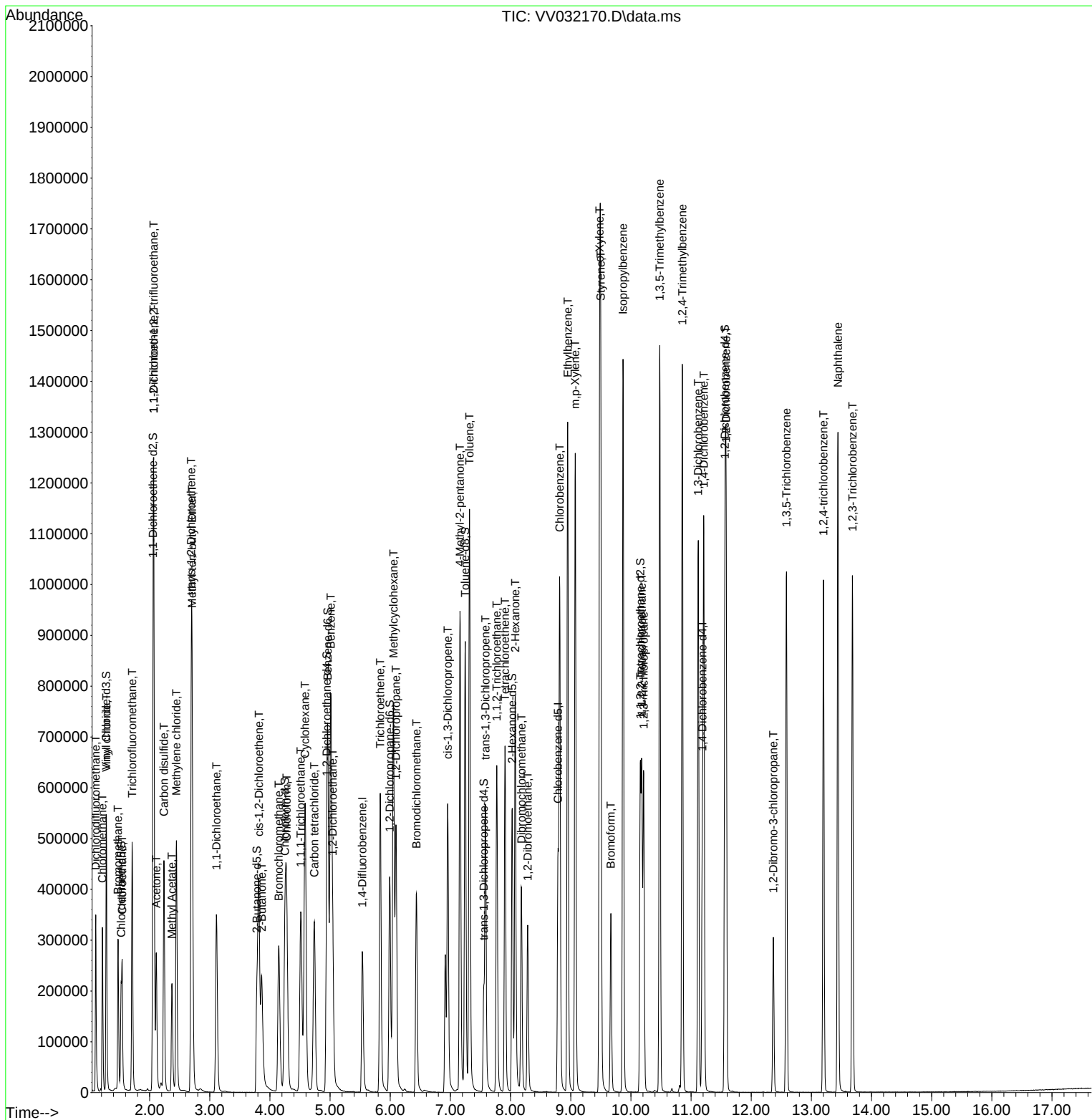
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 ClientSampleId :

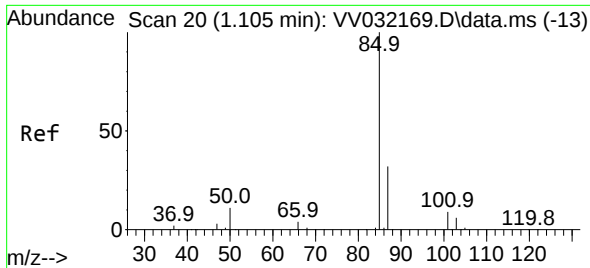
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	198513	106.006	ug/L	98
46) Tetrachloroethene	7.908	164	152908	119.649	ug/L	100
48) 2-Hexanone	8.079	43	499785	222.777	ug/L	99
49) Dibromochloromethane	8.182	129	207156	108.769	ug/L	99
50) 1,2-Dibromoethane	8.285	107	215506	109.401	ug/L	98
51) Chlorobenzene	8.815	112	528203	110.508	ug/L	99
52) Ethylbenzene	8.950	91	924910	109.159	ug/L	99
53) m,p-Xylene	9.076	106	344011	109.599	ug/L	100
54) o-Xylene	9.481	106	337296	108.245	ug/L	99
55) Styrene	9.500	104	591706	107.907	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.182	83	315433	115.884	ug/L	100
59) Bromoform	9.667	173	153585	112.457	ug/L	98
60) Isopropylbenzene	9.870	105	916572	105.029	ug/L	100
61) 1,2,3-Trichloropropane	10.214	75	252053	101.736	ug/L	99
62) 1,3,5-Trimethylbenzene	10.481	105	761958	104.098	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	751396	102.457	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	419356	106.501	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	422752	105.750	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	414428	105.943	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.368	75	73981	101.926	ug/L	100
69) 1,3,5-Trichlorobenzene	12.587	180	303769	106.504	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	290094	106.323	ug/L	99
71) Naphthalene	13.442	128	965709	110.323	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	289511	109.602	ug/L	99

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

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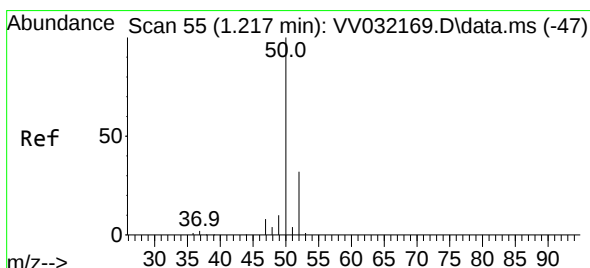
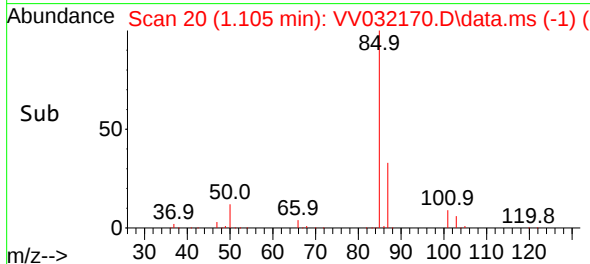
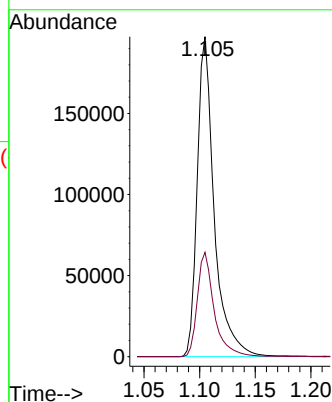
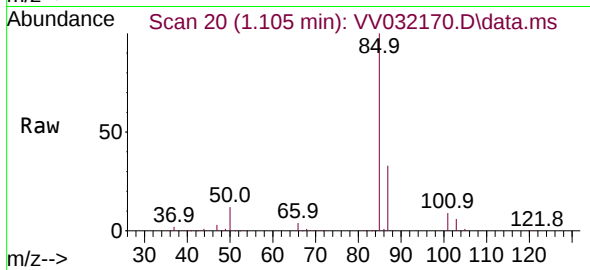




#2
 Dichlorodifluoromethane
 Concen: 130.015 ug/L
 RT: 1.105 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

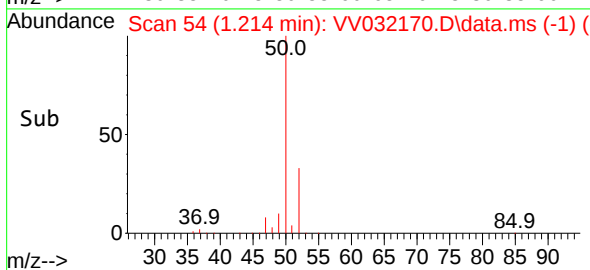
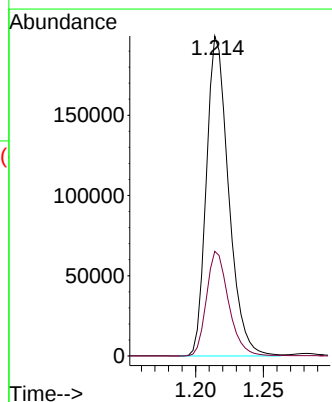
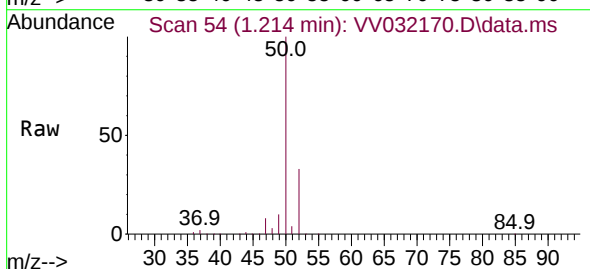
Instrument :
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 ClientSampleId :

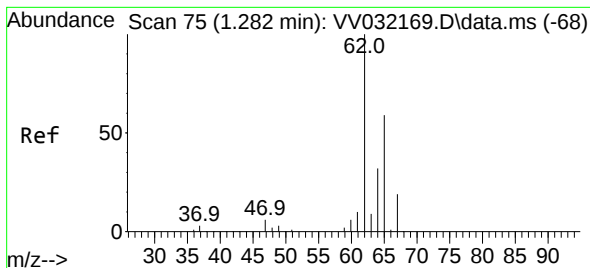
Tgt Ion: 85 Resp: 209193
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.4 38.0



#3
 Chloromethane
 Concen: 137.345 ug/L
 RT: 1.214 min Scan# 54
 Delta R.T. -0.003 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

Tgt Ion: 50 Resp: 227480
 Ion Ratio Lower Upper
 50 100
 52 32.7 22.4 41.6





#5

Vinyl chloride

Concen: 131.090 ug/L

RT: 1.282 min Scan# 71

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

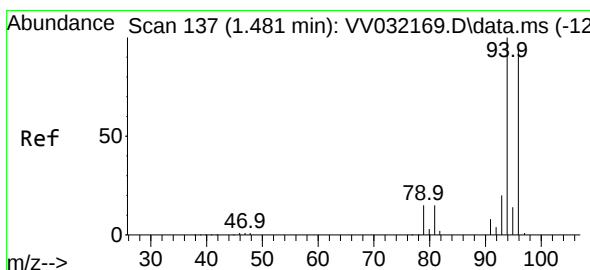
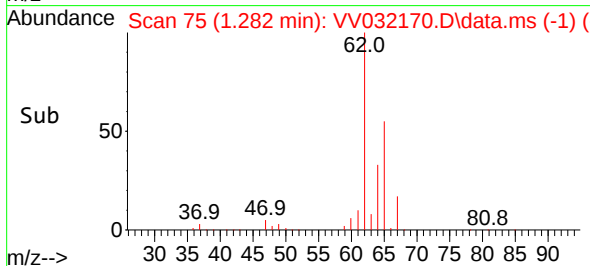
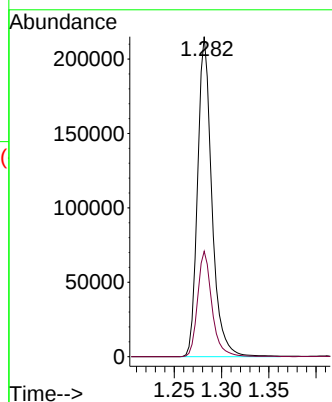
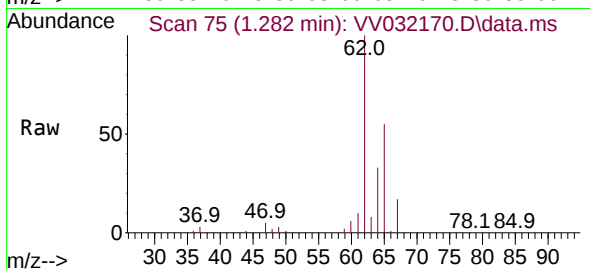
ClientSampleId :

Tgt Ion: 62 Resp: 226196

Ion Ratio Lower Upper

62 100

64 33.0 22.5 41.9



#6

Bromomethane

Concen: 132.393 ug/L

RT: 1.475 min Scan# 135

Delta R.T. -0.006 min

Lab File: VV032170.D

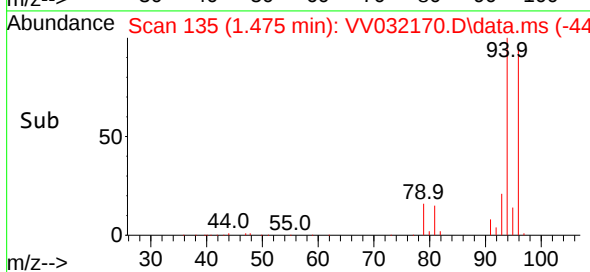
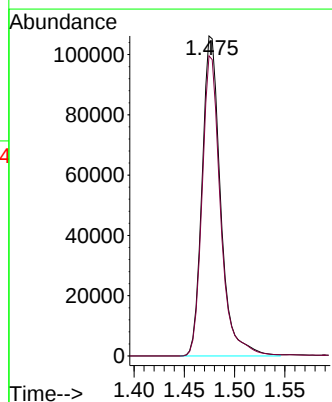
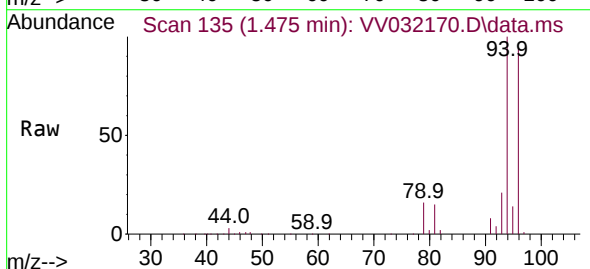
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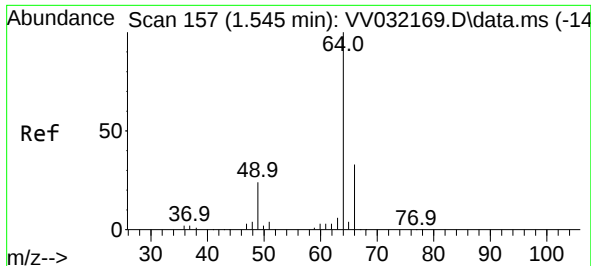
Tgt Ion: 94 Resp: 135898

Ion Ratio Lower Upper

94 100

96 93.8 65.7 122.1

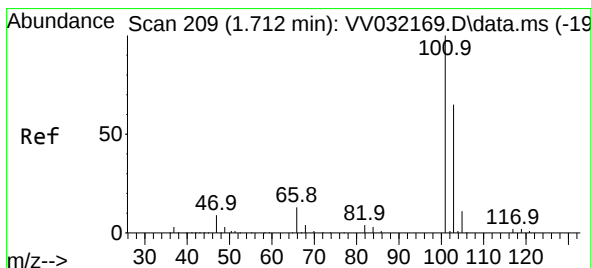
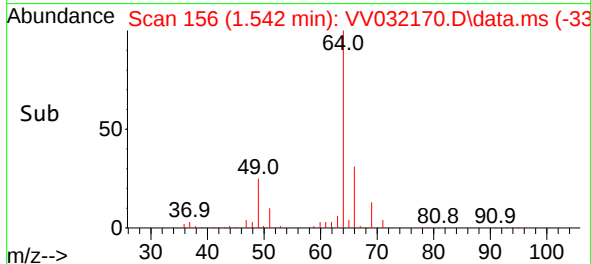
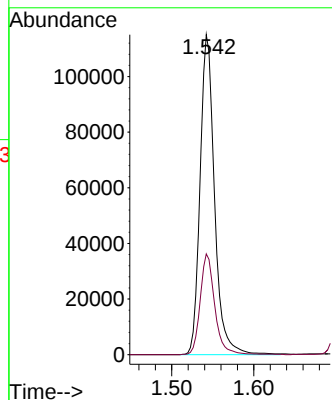
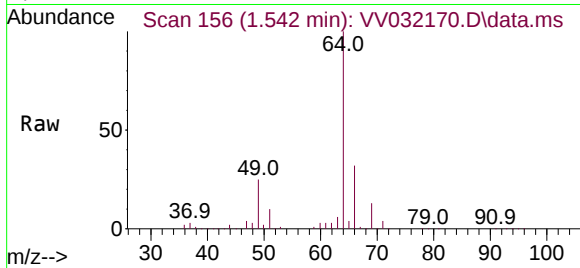




#8
Chloroethane
Concen: 124.651 ug/L
RT: 1.542 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

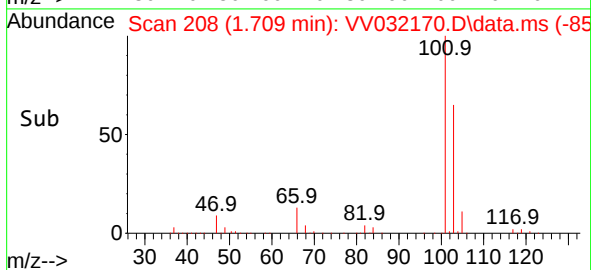
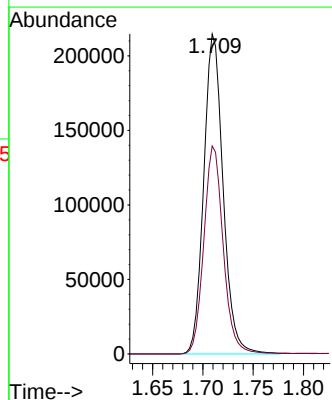
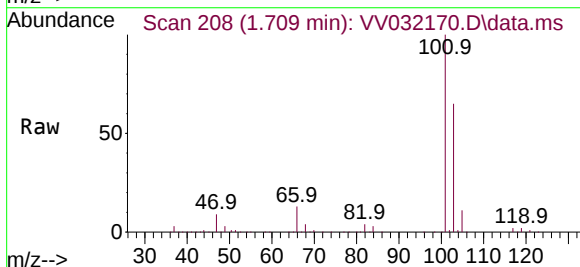
Instrument :
MSVOA_V
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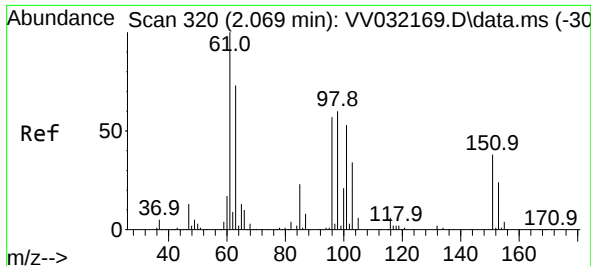
Tgt Ion: 64 Resp: 140874
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 117.906 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion:101 Resp: 287500
Ion Ratio Lower Upper
101 100
103 65.0 52.1 78.1

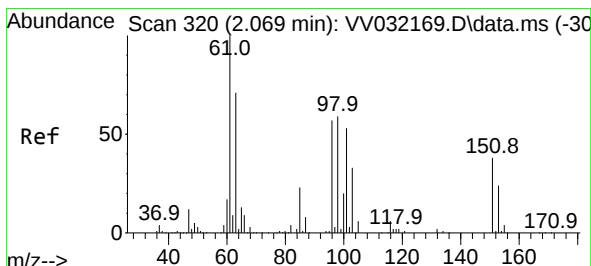
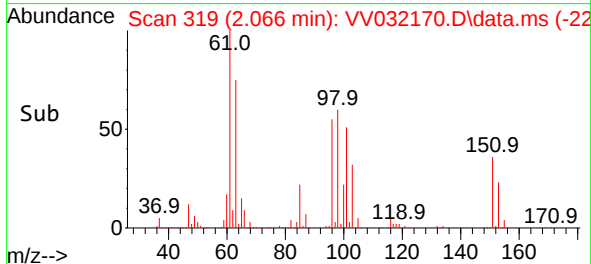
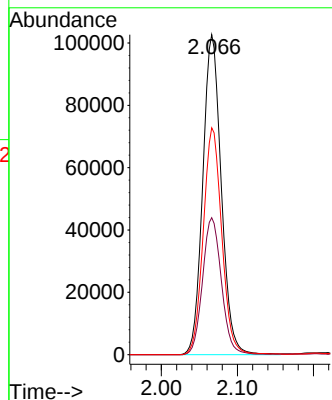
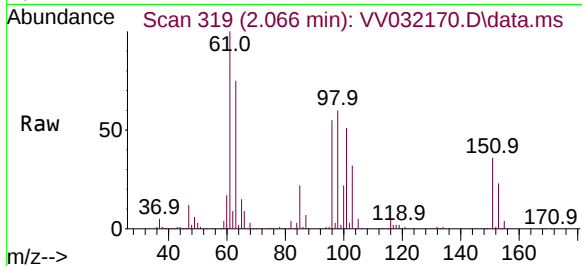




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 117.533 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

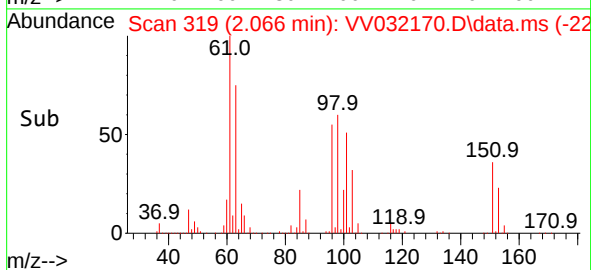
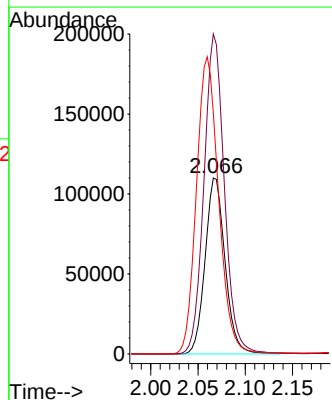
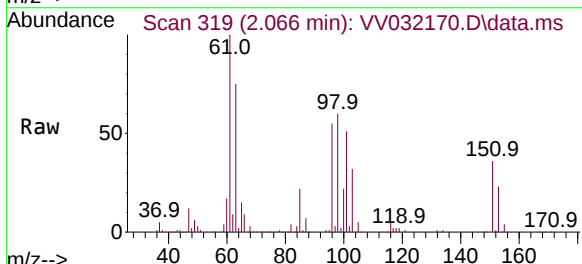
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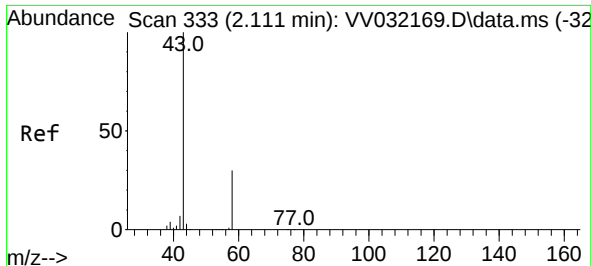
Tgt Ion:101 Resp: 173525
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.4 53.2
 151 70.8 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 120.974 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

Tgt Ion: 96 Resp: 161558
 Ion Ratio Lower Upper
 96 100
 61 181.8 123.7 229.7
 63 137.0 89.9 167.0





#13

Acetone

Concen: 228.490 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

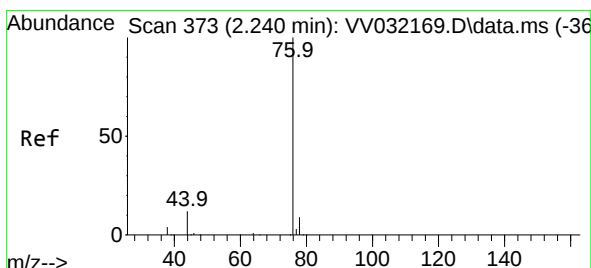
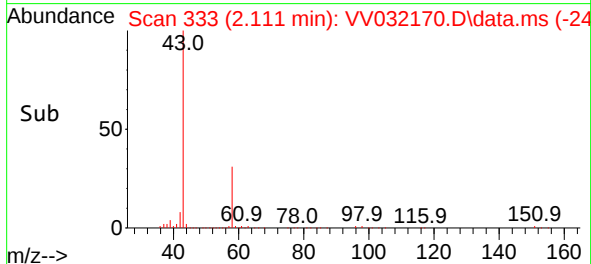
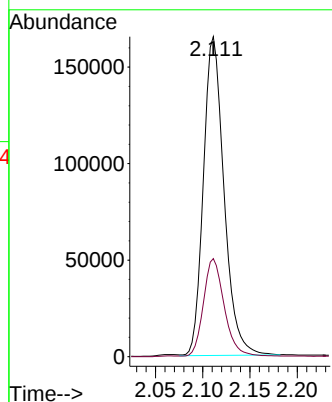
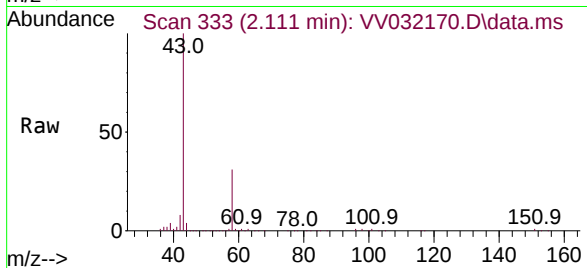
ClientSampleId :

Tgt Ion: 43 Resp: 250825

Ion Ratio Lower Upper

43 100

58 30.9 0.0 61.4



#14

Carbon disulfide

Concen: 158.313 ug/L

RT: 2.240 min Scan# 373

Delta R.T. 0.000 min

Lab File: VV032170.D

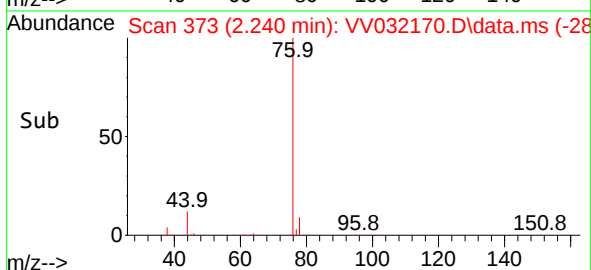
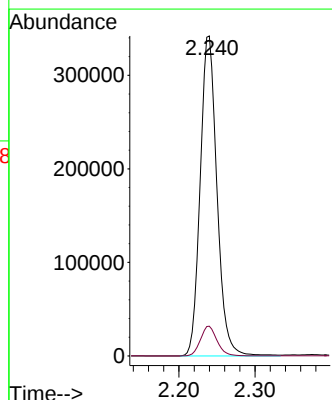
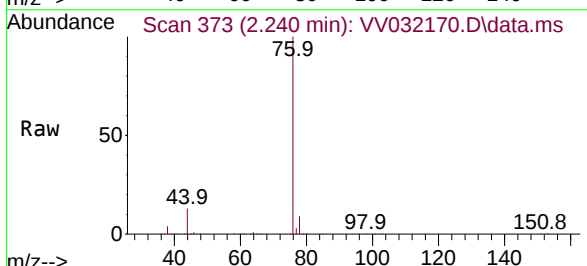
Acq: 25 Sep 2023 13:49

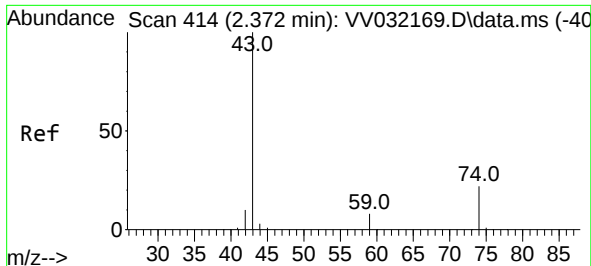
Tgt Ion: 76 Resp: 524515

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

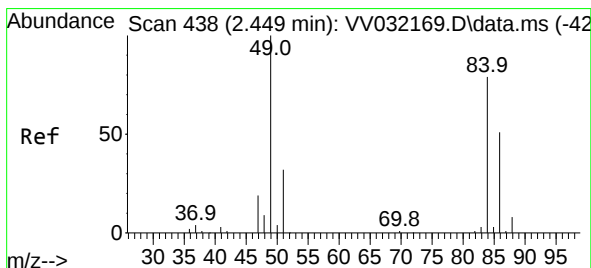
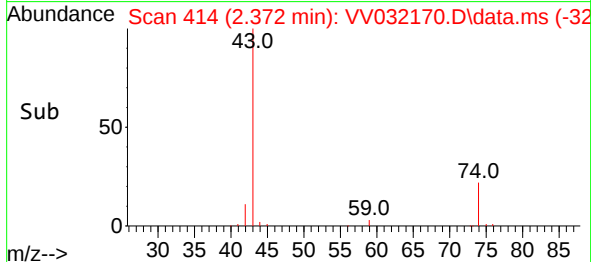
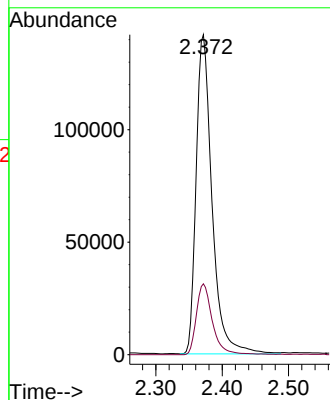
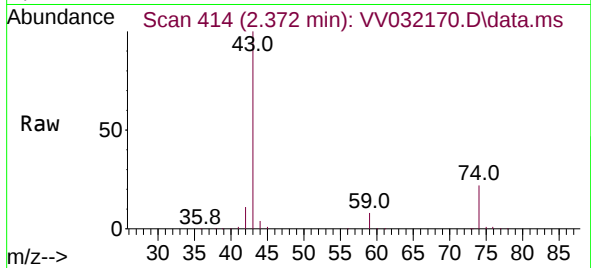




#15
Methyl Acetate
Concen: 118.312 ug/L
RT: 2.372 min Scan# 414
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

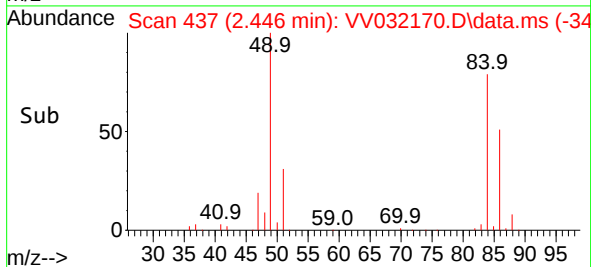
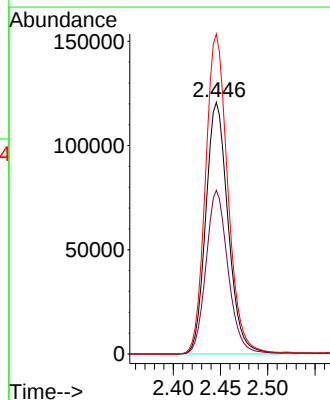
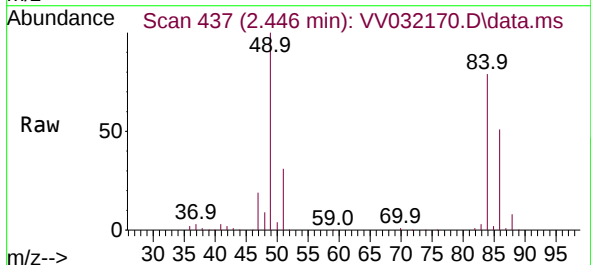
Instrument :
MSVOA_V
ClientSampleId :

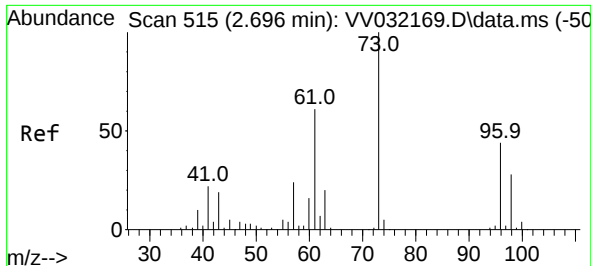
Tgt Ion: 43 Resp: 236095
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8



#16
Methylene chloride
Concen: 115.743 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 84 Resp: 198301
Ion Ratio Lower Upper
84 100
86 65.0 45.4 84.4
49 127.1 88.5 164.4

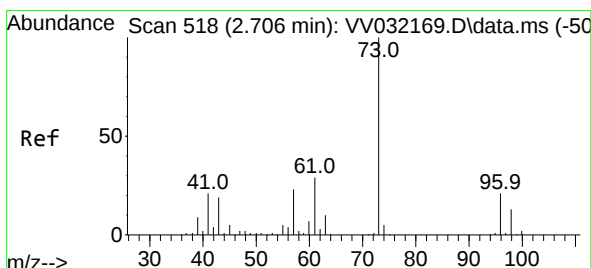
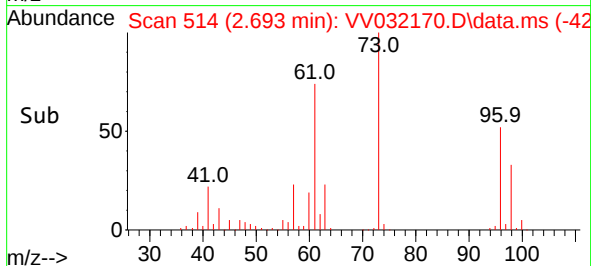
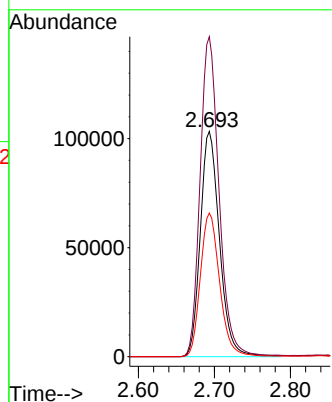
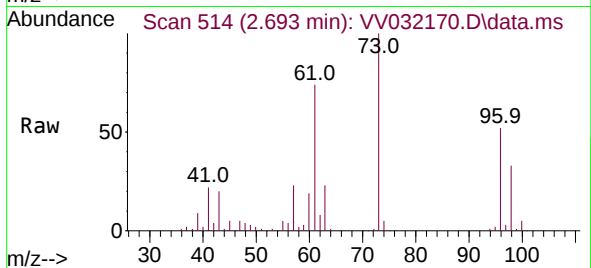




#17
trans-1,2-Dichloroethene
Concen: 123.104 ug/L
RT: 2.693 min Scan# 515
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

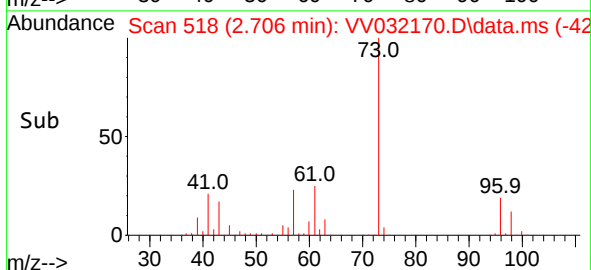
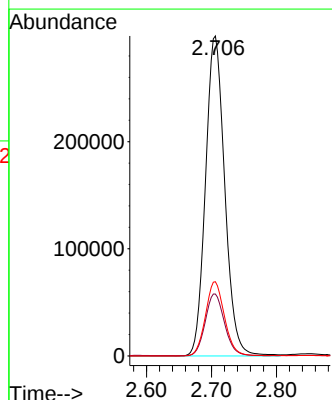
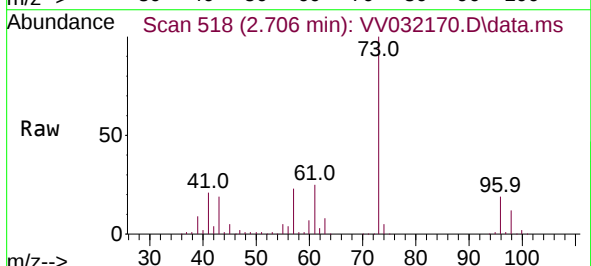
Instrument :
MSVOA_V
ClientSampleId :

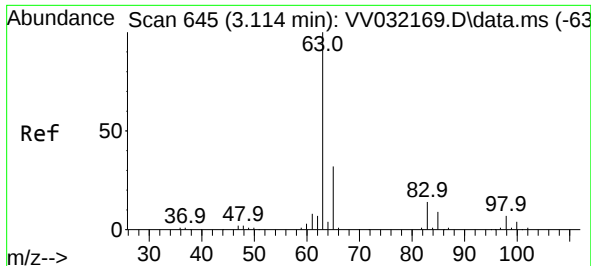
Tgt Ion: 96 Resp: 180845
Ion Ratio Lower Upper
96 100
61 142.0 97.4 180.8
98 63.8 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 103.346 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 73 Resp: 616565
Ion Ratio Lower Upper
73 100
43 19.3 15.3 22.9
57 23.0 18.6 28.0





#19

1,1-Dichloroethane

Concen: 112.456 ug/L

RT: 3.111 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

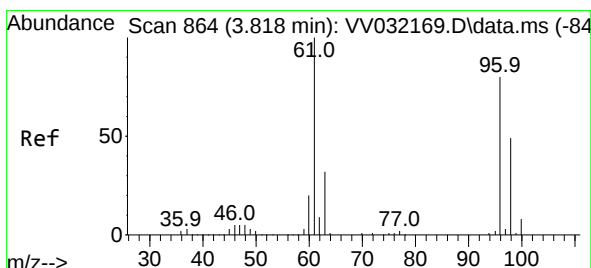
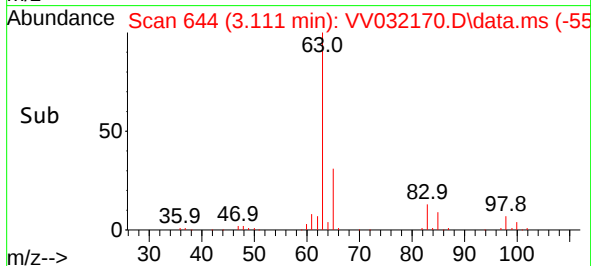
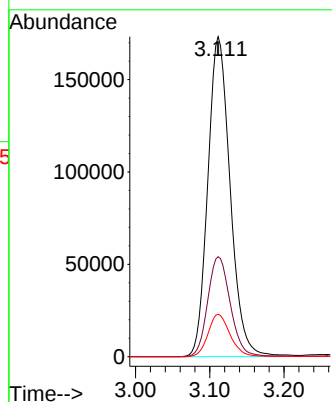
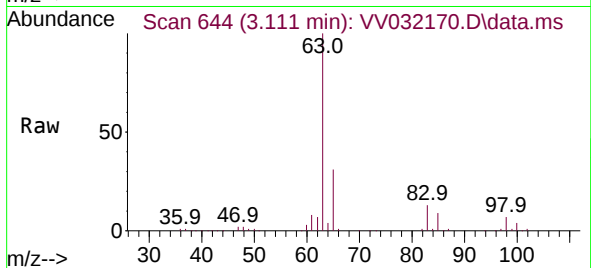
Tgt Ion: 63 Resp: 361995

Ion Ratio Lower Upper

63 100

65 31.3 22.7 42.3

83 13.3 9.4 17.6



#20

cis-1,2-Dichloroethene

Concen: 114.860 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

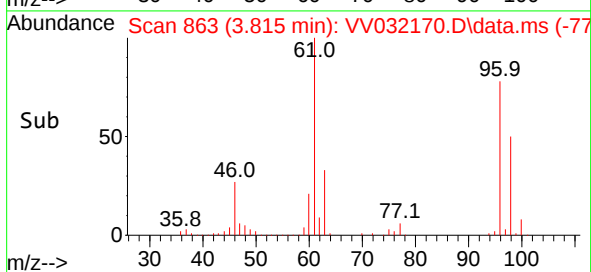
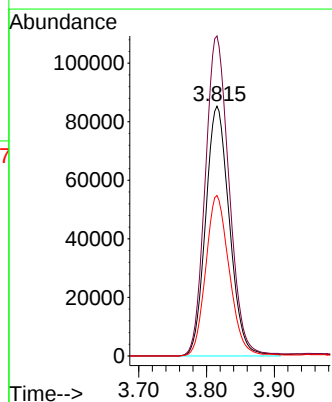
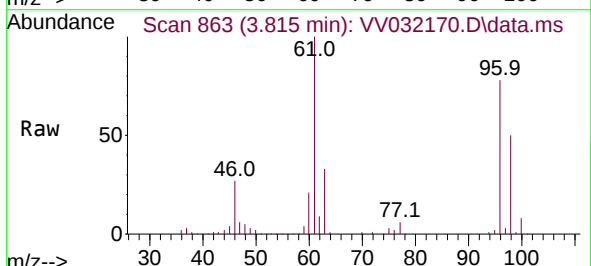
Tgt Ion: 96 Resp: 208298

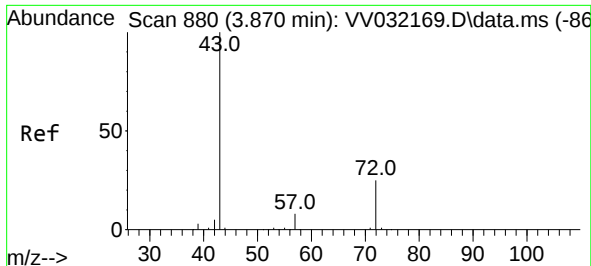
Ion Ratio Lower Upper

96 100

61 128.1 88.3 164.1

98 64.2 43.3 80.3

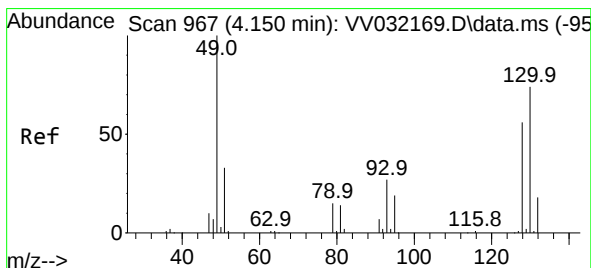
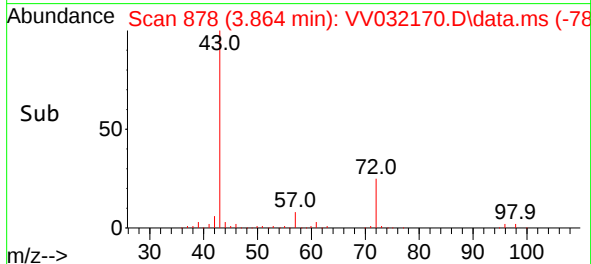
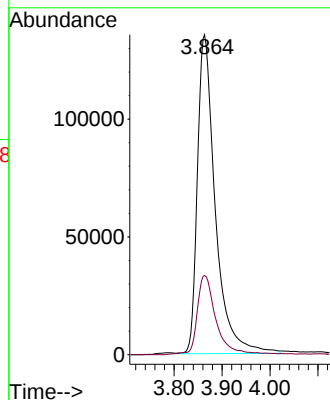
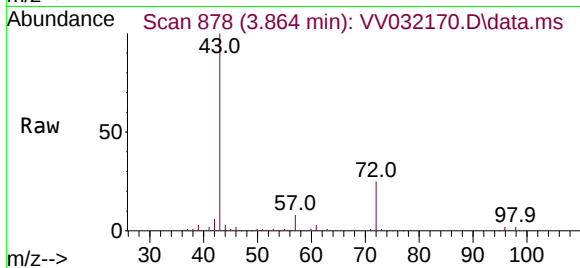




#22
2-Butanone
Concen: 240.171 ug/L
RT: 3.864 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

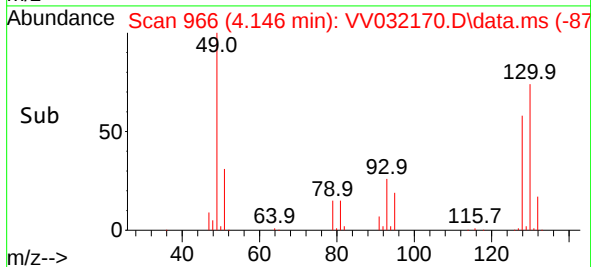
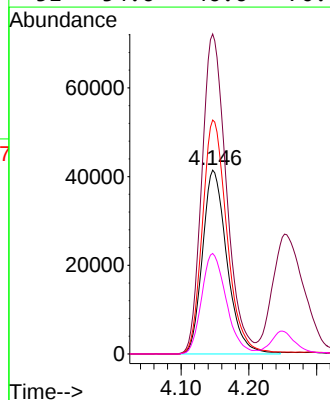
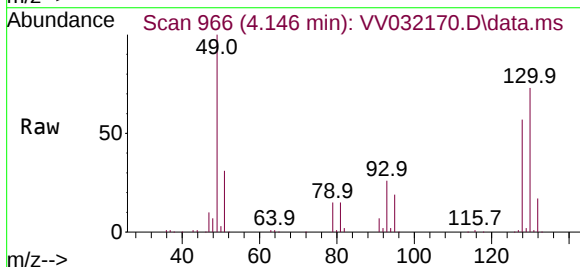
Instrument :
MSVOA_V
ClientSampleId :

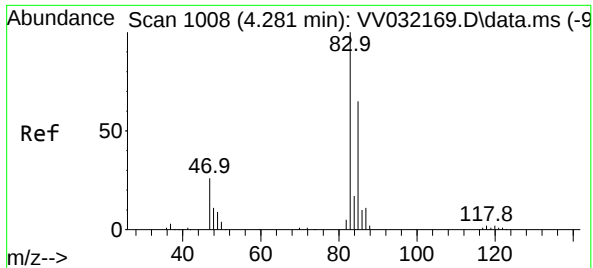
Tgt Ion: 43 Resp: 351089
Ion Ratio Lower Upper
43 100
72 25.7 12.0 36.0



#23
Bromochloromethane
Concen: 117.500 ug/L
RT: 4.146 min Scan# 966
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion:128 Resp: 103937
Ion Ratio Lower Upper
128 100
49 174.0 125.0 232.2
130 127.3 92.3 171.5
51 54.6 46.6 70.0

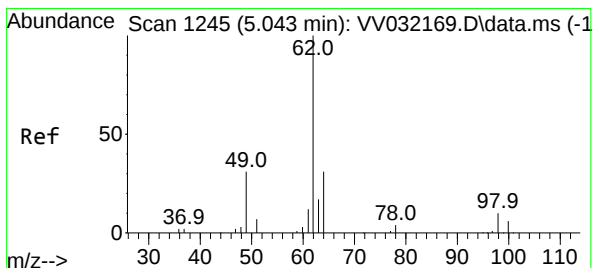
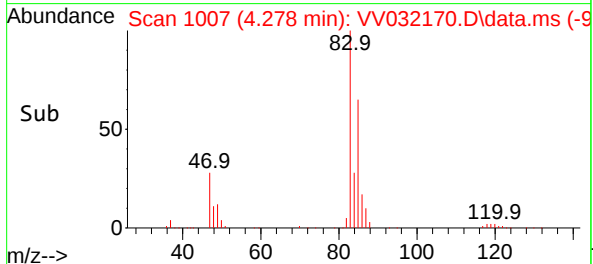
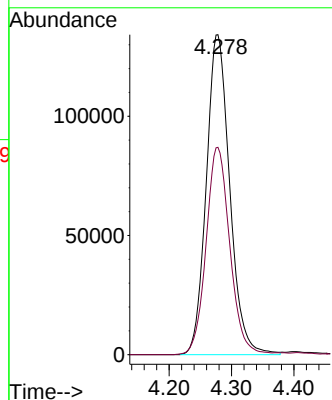
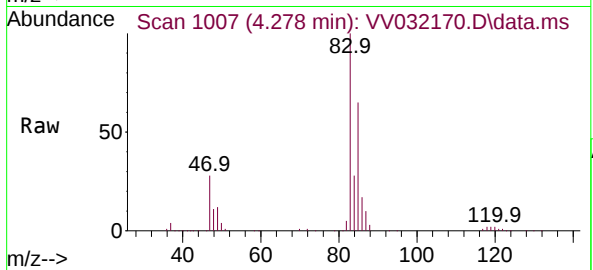




#25
Chloroform
Concen: 106.506 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

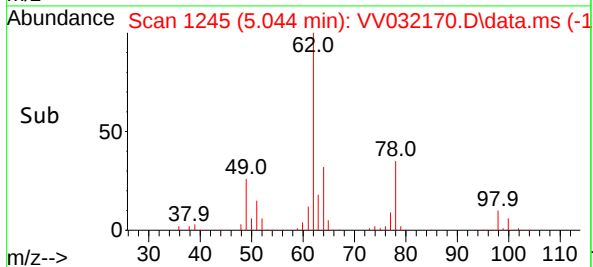
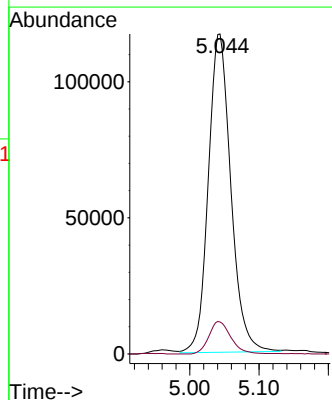
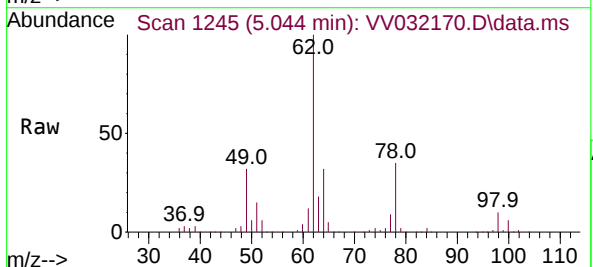
Instrument :
MSVOA_V
ClientSampleId :

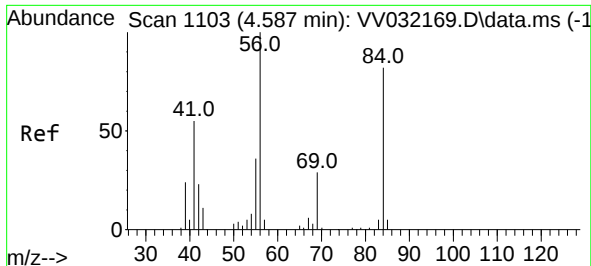
Tgt Ion: 83 Resp: 350803
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#27
1,2-Dichloroethane
Concen: 102.221 ug/L
RT: 5.044 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 62 Resp: 264078
Ion Ratio Lower Upper
62 100
98 10.0 8.1 12.1





#29

Cyclohexane

Concen: 129.113 ug/L

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

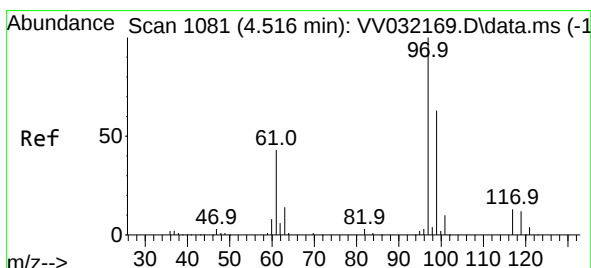
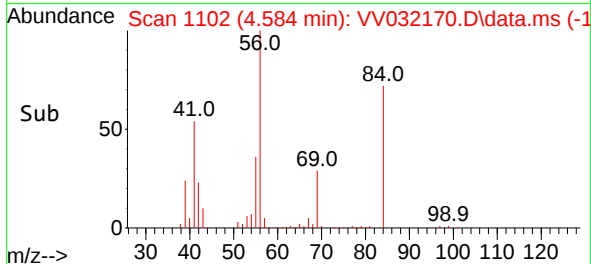
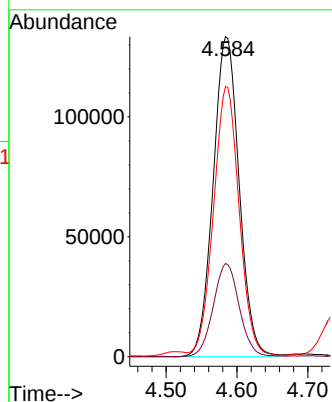
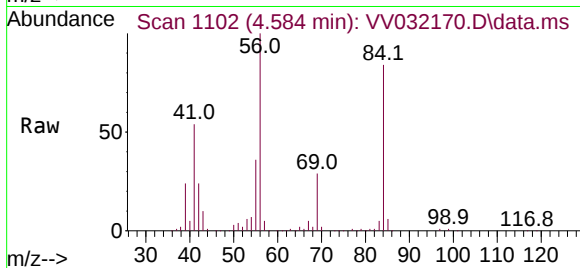
Tgt Ion: 56 Resp: 340770

Ion Ratio Lower Upper

56 100

69 29.1 23.3 34.9

84 83.3 66.2 99.2



#30

1,1,1-Trichloroethane

Concen: 107.975 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

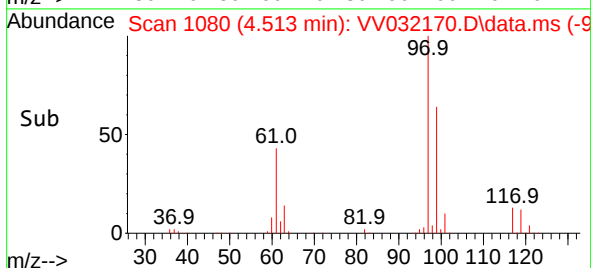
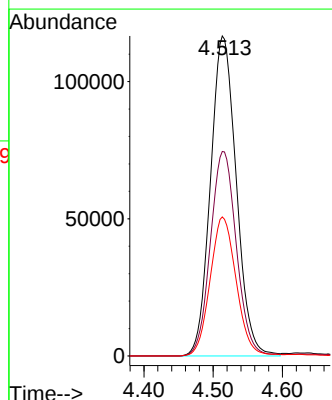
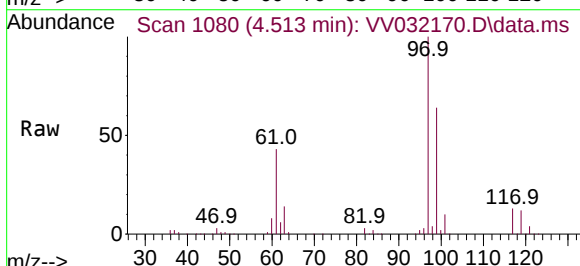
Tgt Ion: 97 Resp: 301957

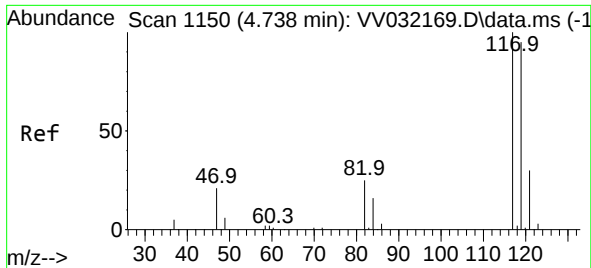
Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

61 43.8 35.0 52.6

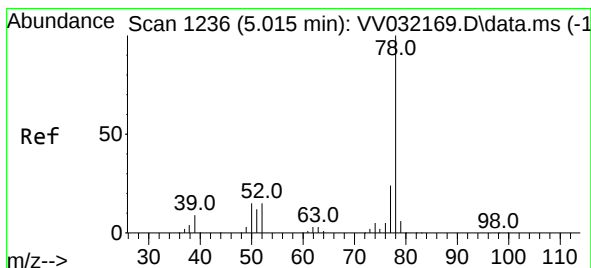
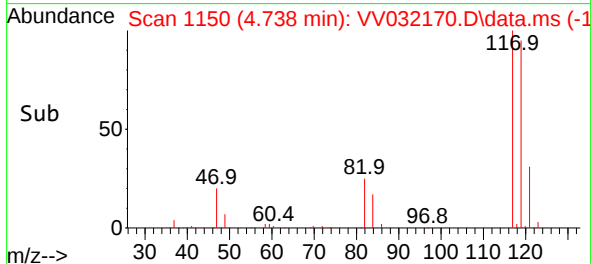
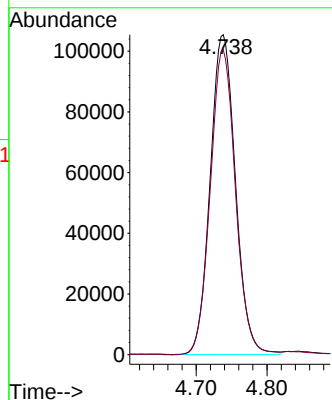
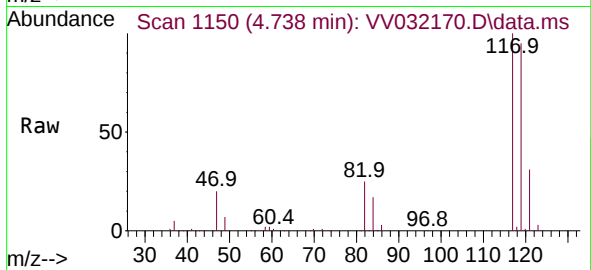




#31
Carbon tetrachloride
Concen: 109.079 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

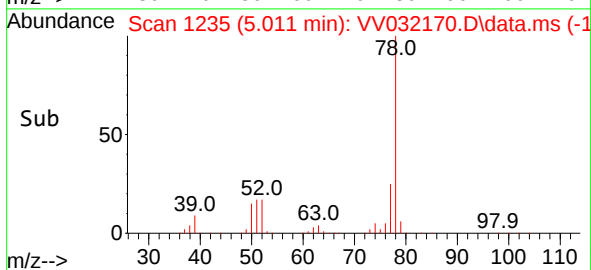
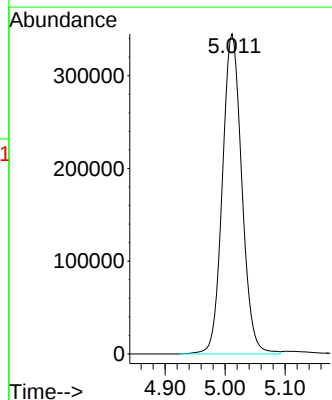
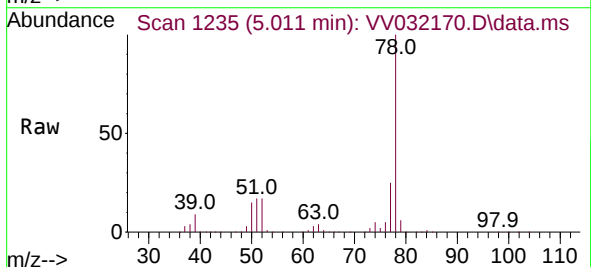
Instrument :
MSVOA_V
ClientSampleId :

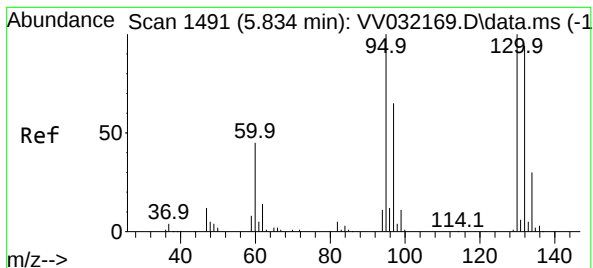
Tgt Ion:117 Resp: 260525
Ion Ratio Lower Upper
117 100
119 95.2 76.6 115.0



#33
Benzene
Concen: 116.454 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 78 Resp: 775133





#34

Trichloroethene

Concen: 107.582 ug/L

RT: 5.835 min Scan# 1491

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 212187

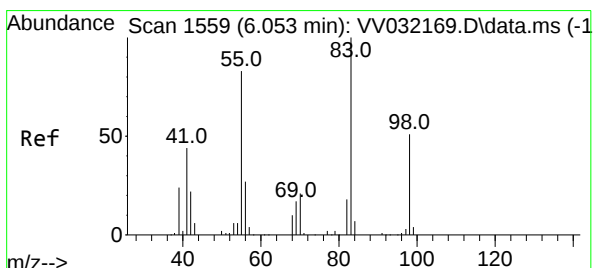
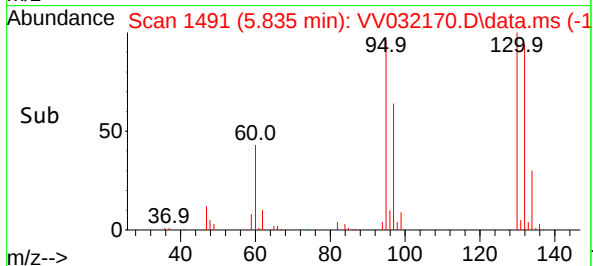
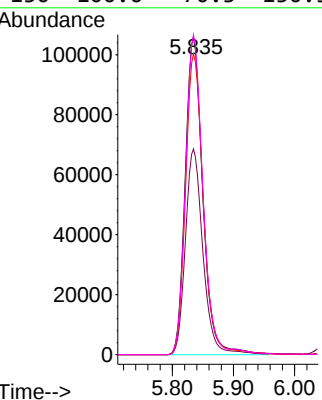
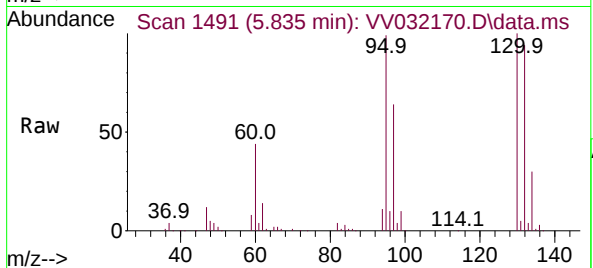
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.4

132 94.7 66.1 122.7

130 100.6 70.3 130.5



#35

Methylcyclohexane

Concen: 123.260 ug/L

RT: 6.053 min Scan# 1559

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

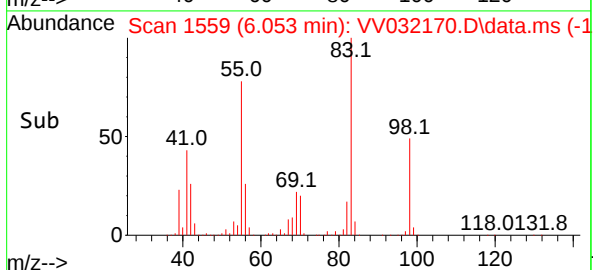
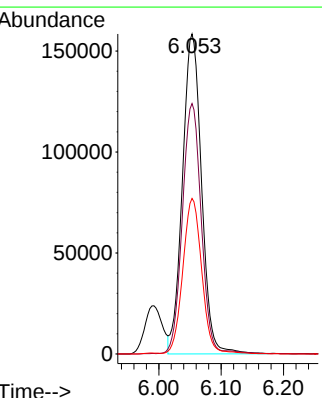
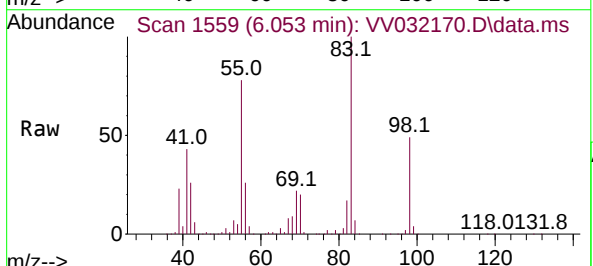
Tgt Ion: 83 Resp: 337098

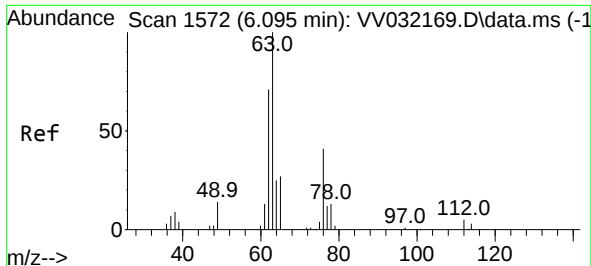
Ion Ratio Lower Upper

83 100

55 77.6 62.9 94.3

98 47.9 38.9 58.3

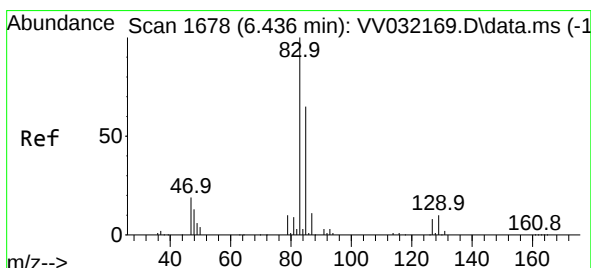
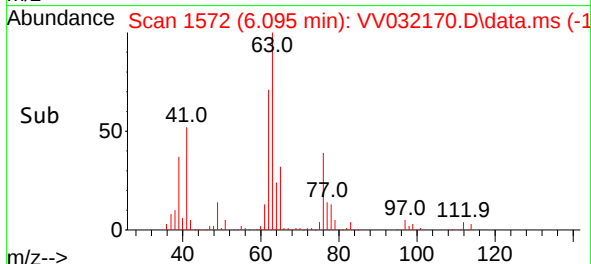
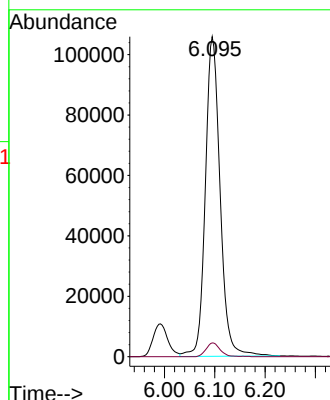
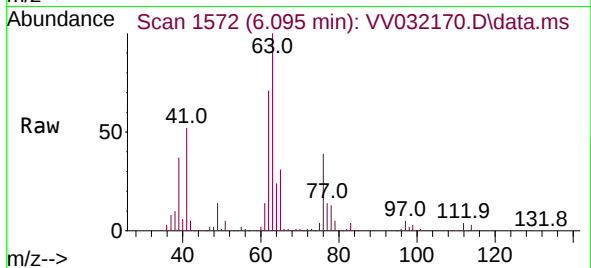




#37
1,2-Dichloropropane
Concen: 117.261 ug/L
RT: 6.095 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

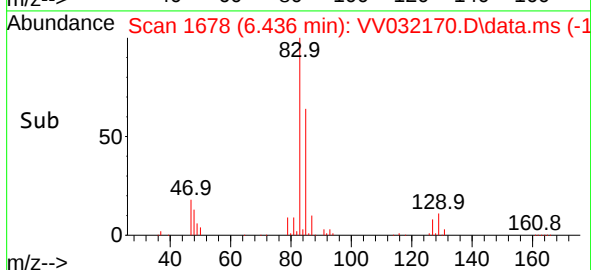
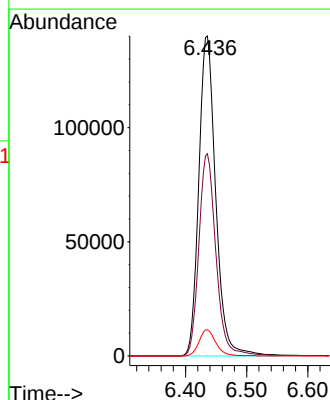
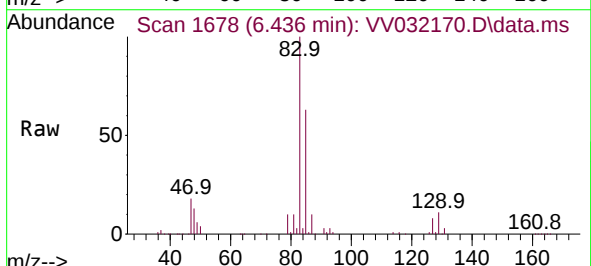
Instrument :
MSVOA_V
ClientSampleId :

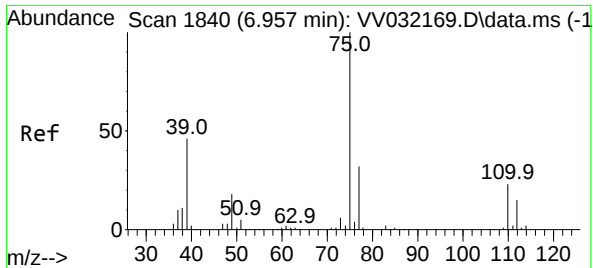
Tgt Ion: 63 Resp: 215523
Ion Ratio Lower Upper
63 100
112 4.1 3.7 5.5



#38
Bromodichloromethane
Concen: 104.469 ug/L
RT: 6.436 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 83 Resp: 269990
Ion Ratio Lower Upper
83 100
85 63.2 45.1 83.9
127 8.2 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 109.738 ug/L

RT: 6.957 min Scan# 1840

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

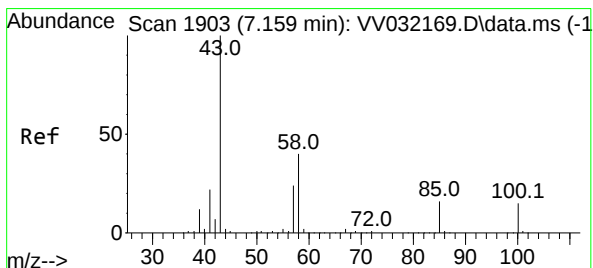
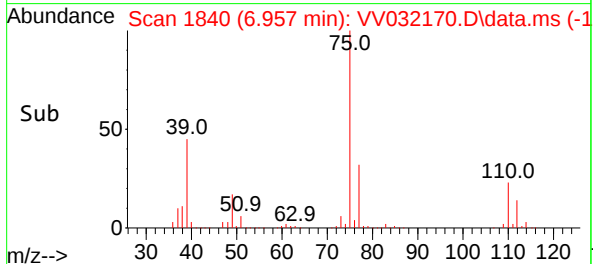
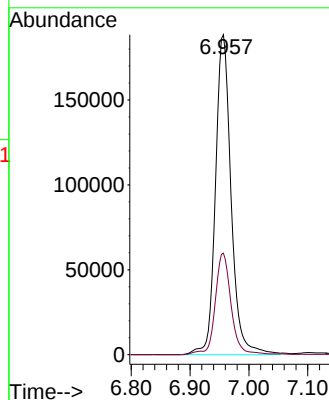
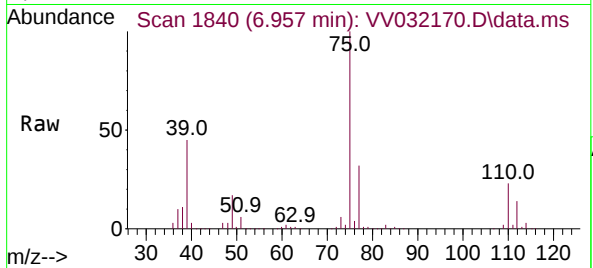
ClientSampleId :

Tgt Ion: 75 Resp: 349315

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 221.157 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

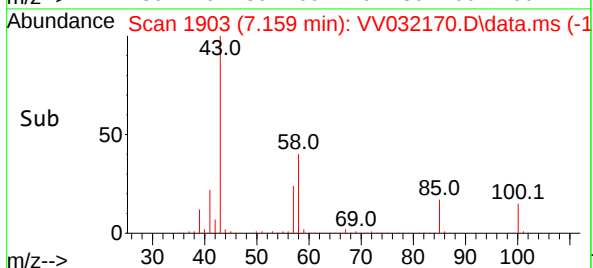
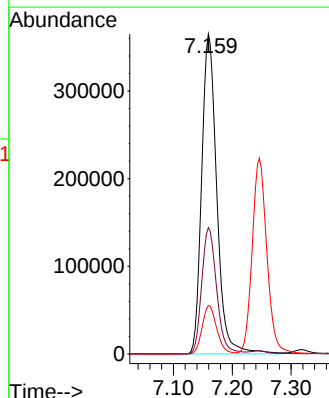
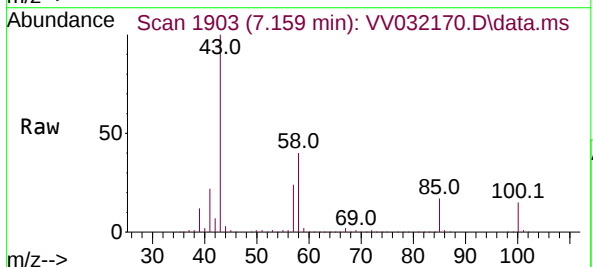
Tgt Ion: 43 Resp: 650289

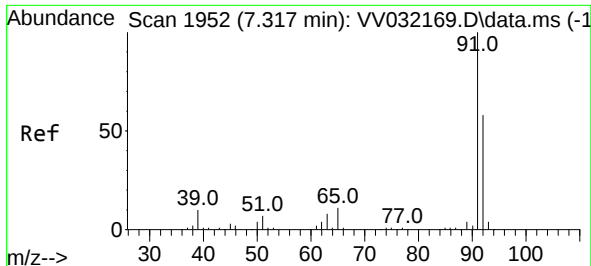
Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.6

100 14.6 11.6 17.4





#42

Toluene

Concen: 114.117 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

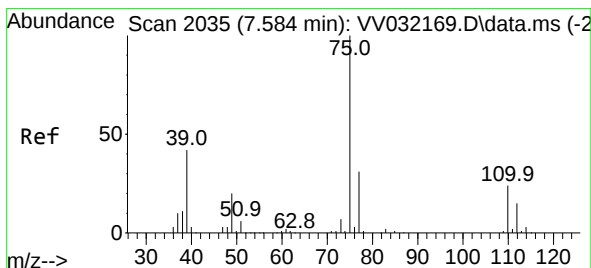
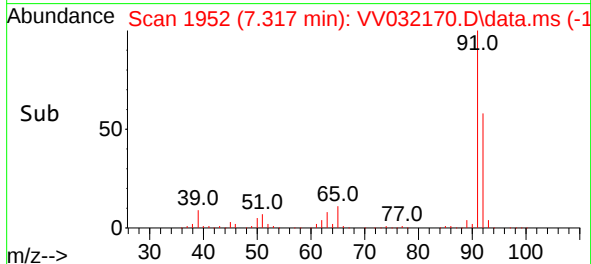
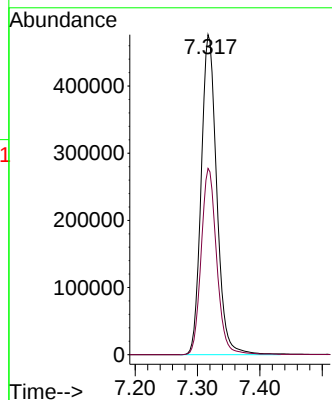
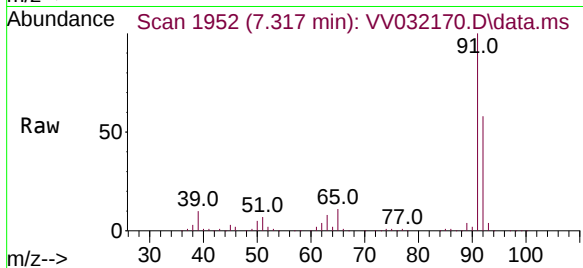
ClientSampleId :

Tgt Ion: 91 Resp: 826111

Ion Ratio Lower Upper

91 100

92 58.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 105.421 ug/L

RT: 7.584 min Scan# 2035

Delta R.T. 0.000 min

Lab File: VV032170.D

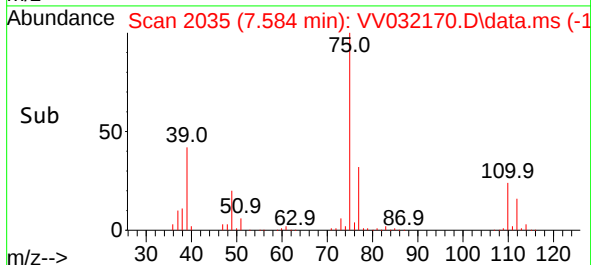
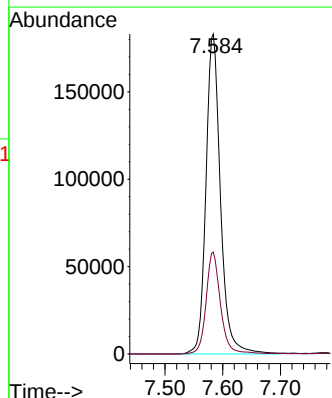
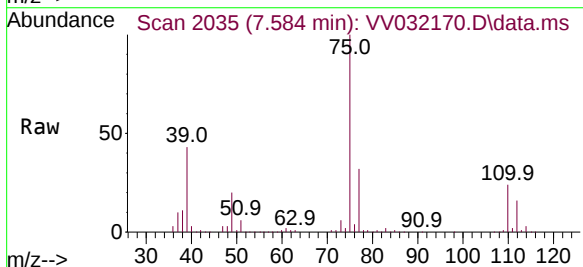
Acq: 25 Sep 2023 13:49

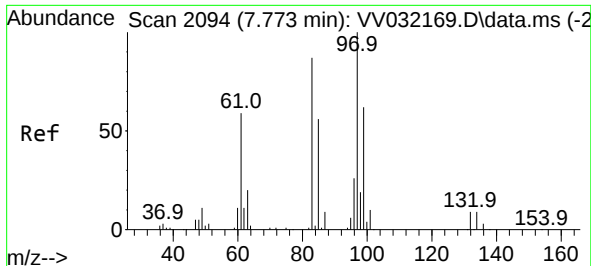
Tgt Ion: 75 Resp: 320148

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 106.006 ug/L

RT: 7.770 min Scan# 2094

Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 198513

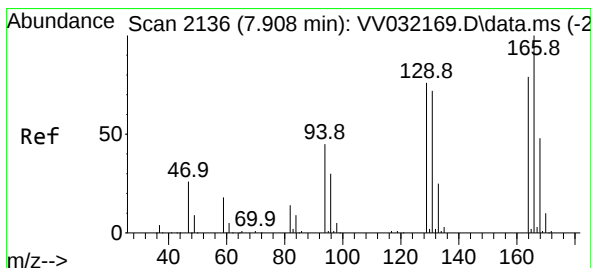
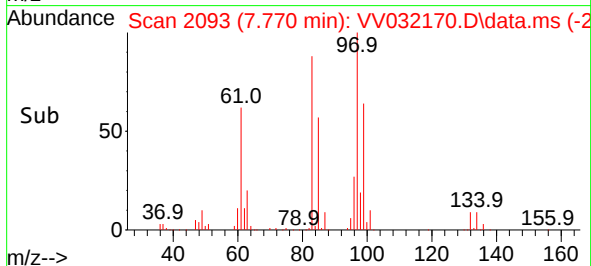
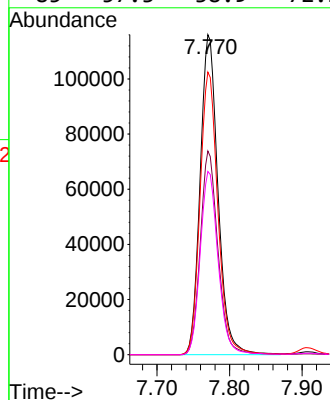
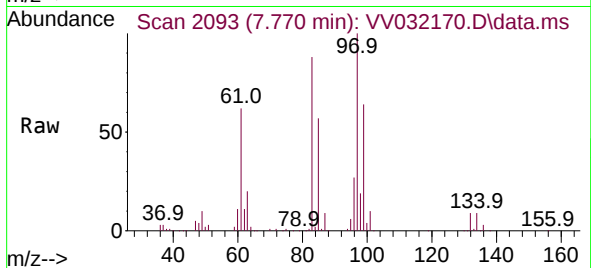
Ion Ratio Lower Upper

97 100

99 63.7 43.3 80.3

83 88.3 60.8 113.0

85 57.3 38.9 72.2



#46

Tetrachloroethene

Concen: 119.649 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Tgt Ion:164 Resp: 152908

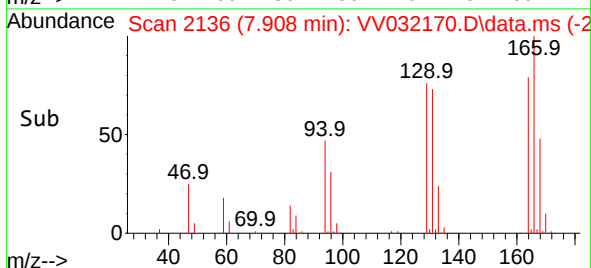
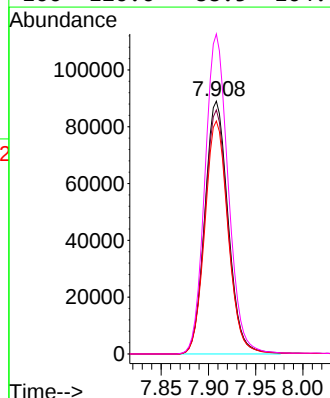
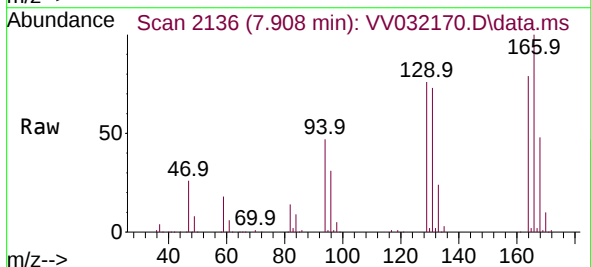
Ion Ratio Lower Upper

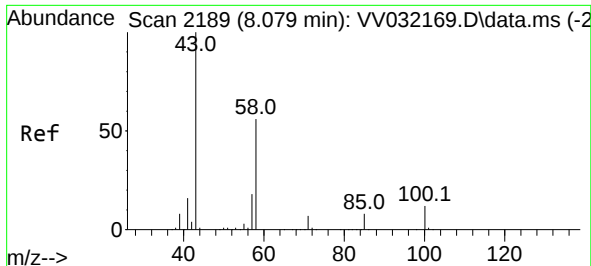
164 100

129 96.5 67.5 125.3

131 92.2 63.8 118.4

166 126.6 88.5 164.4

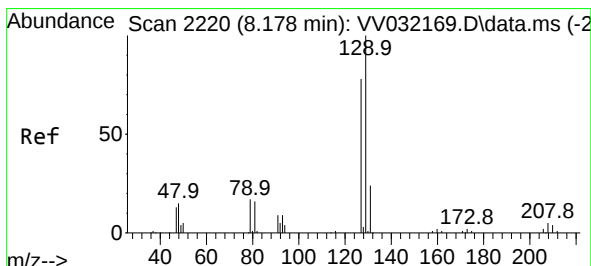
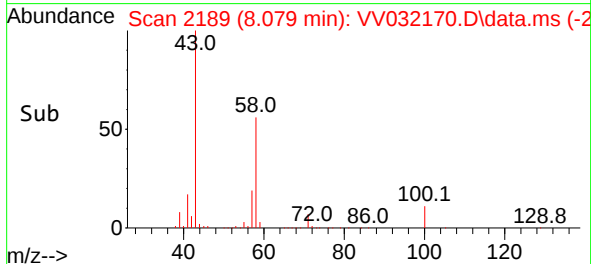
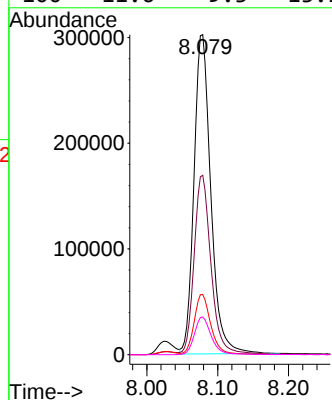
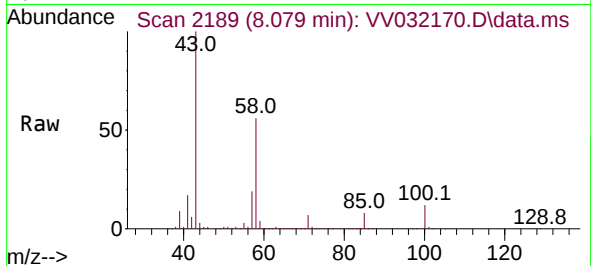




#48
2-Hexanone
Concen: 222.777 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

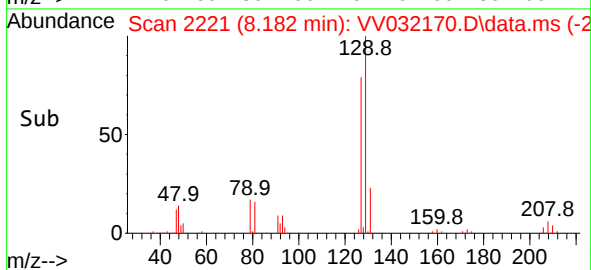
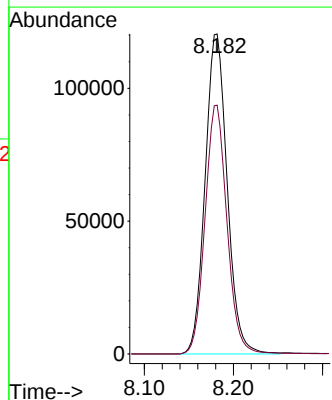
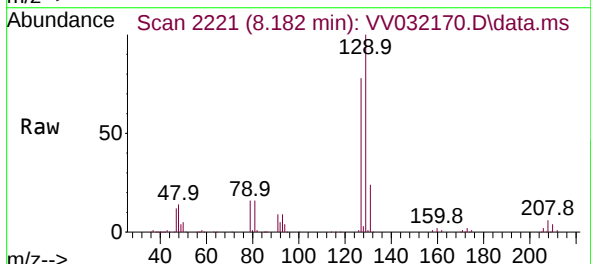
Instrument :
MSVOA_V
ClientSampleId :

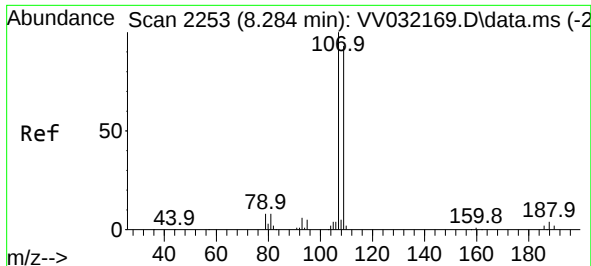
Tgt Ion: 43	Resp: 499785
Ion Ratio	Lower Upper
43 100	
58 56.0	44.5 66.7
57 18.1	13.9 20.9
100 11.6	9.3 13.9



#49
Dibromochloromethane
Concen: 108.769 ug/L
RT: 8.182 min Scan# 2221
Delta R.T. 0.003 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion:129	Resp: 207156
Ion Ratio	Lower Upper
129 100	
127 77.7	54.9 101.9





#50

1,2-Dibromoethane

Concen: 109.401 ug/L

RT: 8.285 min Scan# 21

Delta R.T. 0.000 min

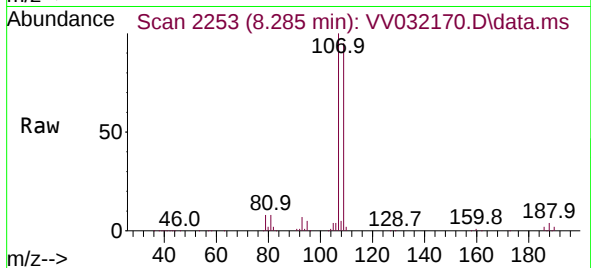
Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

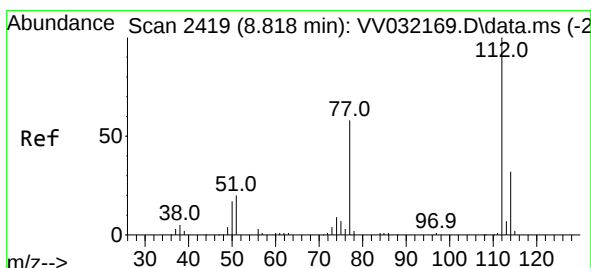
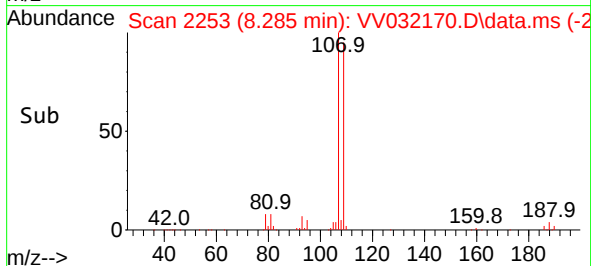
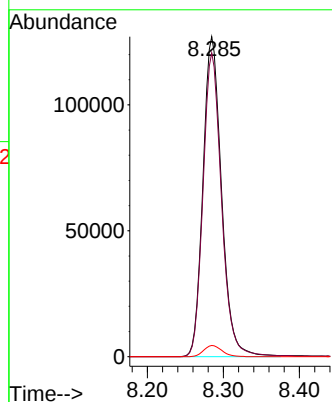
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	107	Resp:	215506
Ion	Ratio	Lower	Upper
107	100		
109	95.0	65.2	121.2
188	3.5	3.0	4.6



#51

Chlorobenzene

Concen: 110.508 ug/L

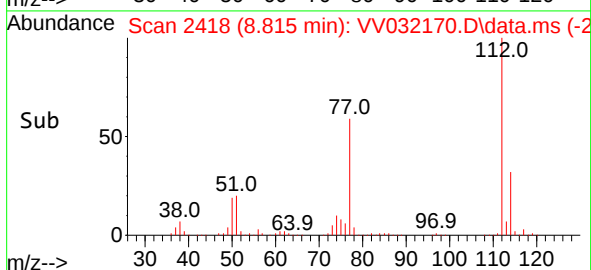
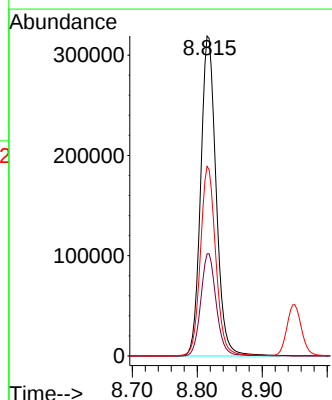
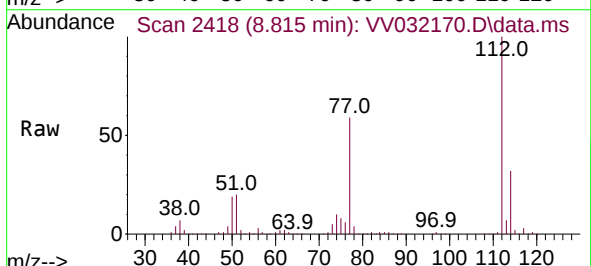
RT: 8.815 min Scan# 2418

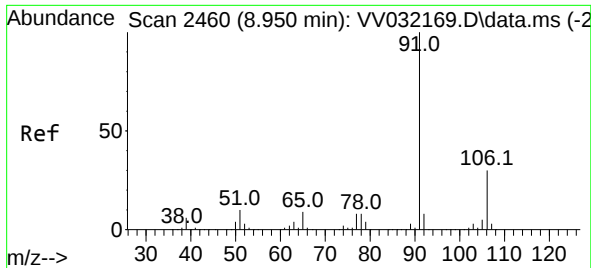
Delta R.T. -0.003 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Tgt Ion:	112	Resp:	528203
Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.5	41.9
77	59.2	46.7	70.1

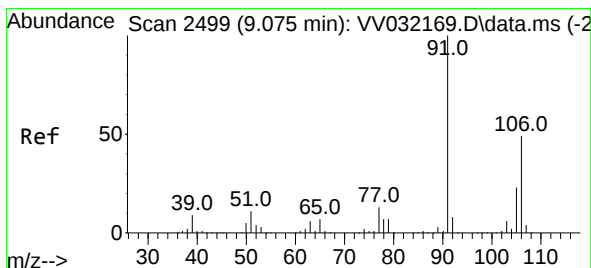
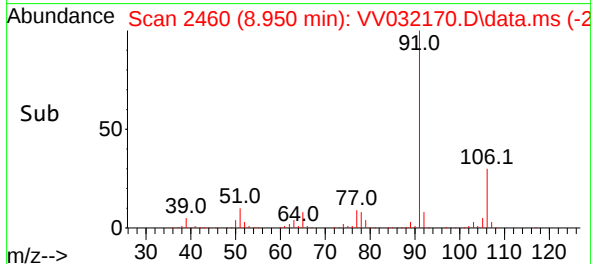
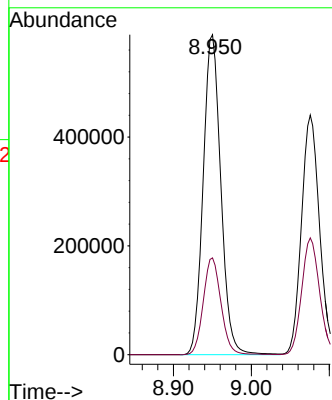
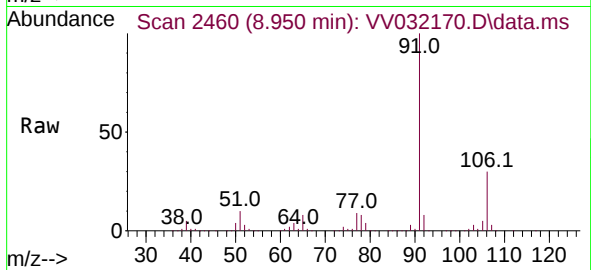




#52
Ethylbenzene
Concen: 109.159 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

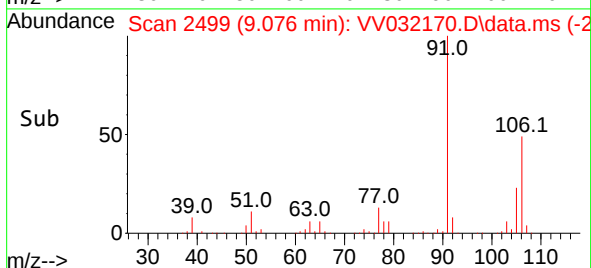
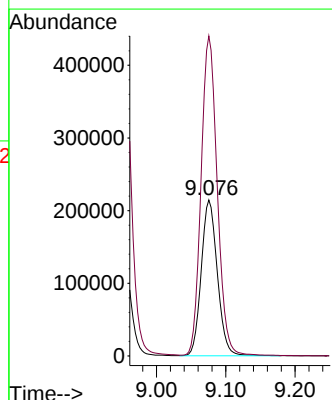
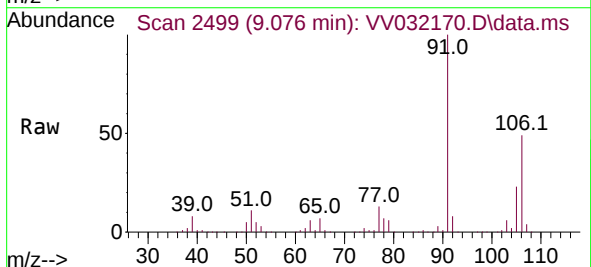
Instrument :
MSVOA_V
ClientSampleId :

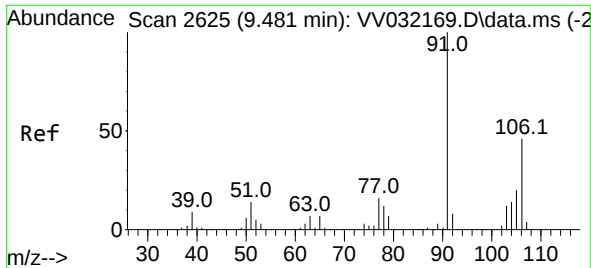
Tgt Ion: 91 Resp: 924910
Ion Ratio Lower Upper
91 100
106 30.2 20.9 38.7



#53
m,p-Xylene
Concen: 109.599 ug/L
RT: 9.076 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 106 Resp: 344011
Ion Ratio Lower Upper
106 100
91 205.2 143.8 267.0

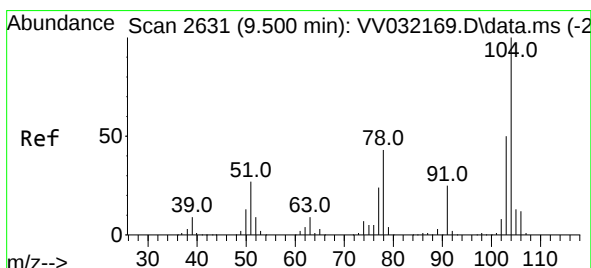
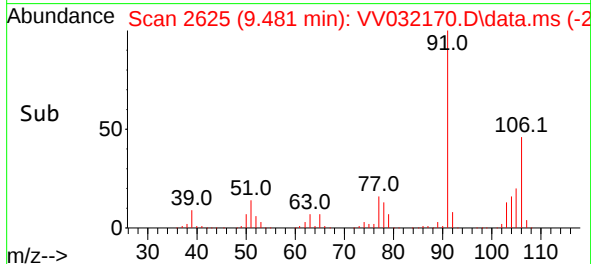
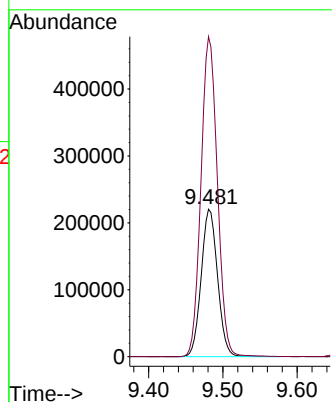
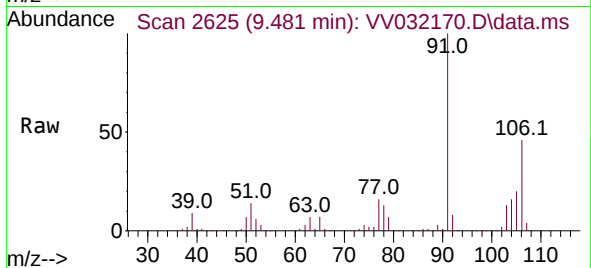




#54
o-Xylene
Concen: 108.245 ug/L
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

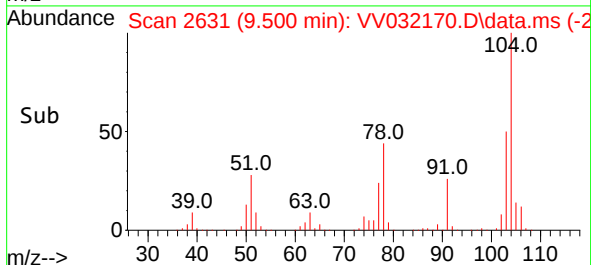
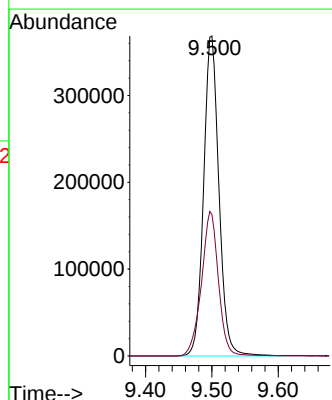
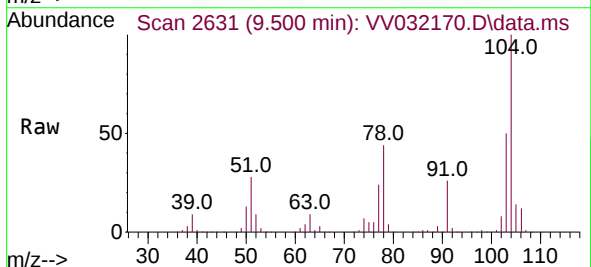
Instrument :
MSVOA_V
ClientSampleId :

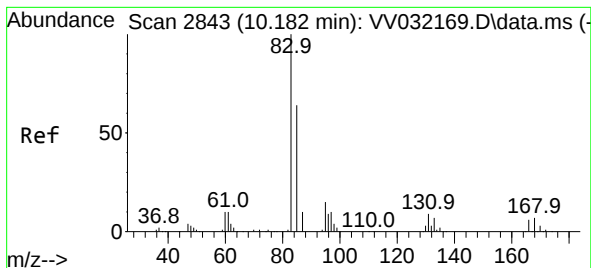
Tgt Ion:106 Resp: 337296
Ion Ratio Lower Upper
106 100
91 216.8 153.4 284.8



#55
Styrene
Concen: 107.907 ug/L
RT: 9.500 min Scan# 2631
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion:104 Resp: 591706
Ion Ratio Lower Upper
104 100
78 44.2 30.4 56.5

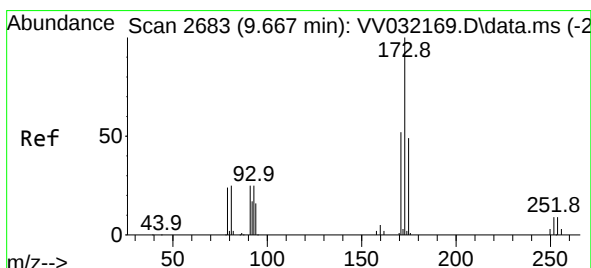
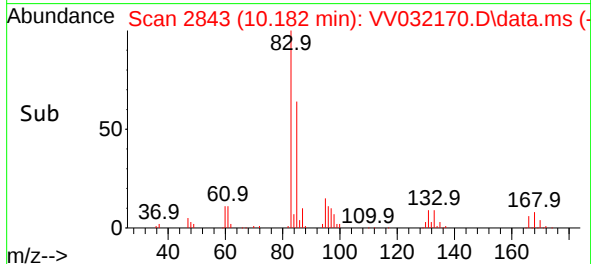
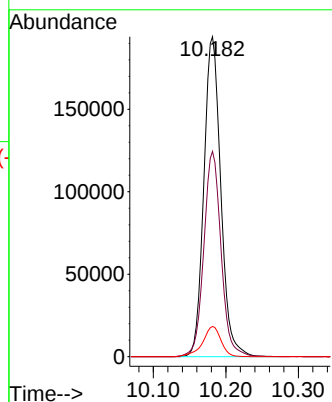
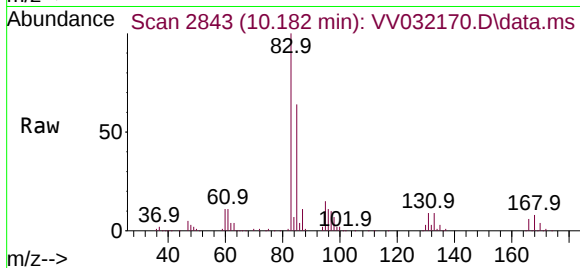




#57
1,1,2,2-Tetrachloroethane
Concen: 115.884 ug/L
RT: 10.182 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

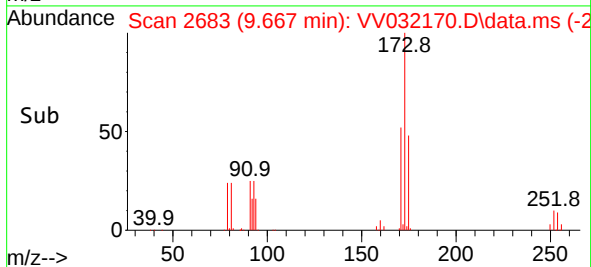
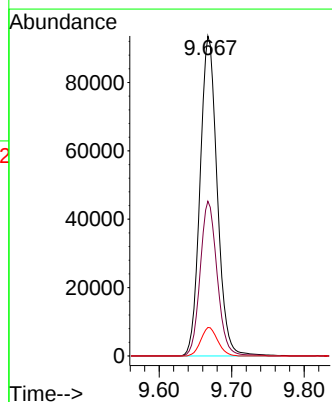
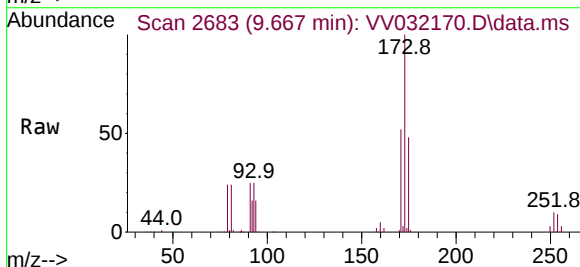
Instrument :
MSVOA_V
ClientSampleId :

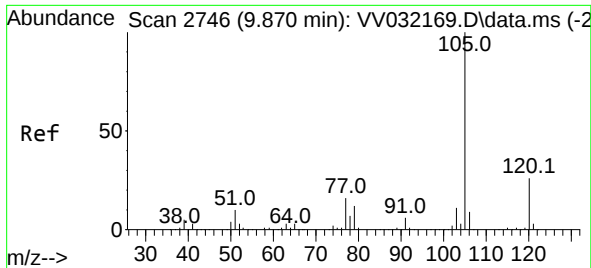
Tgt Ion: 83 Resp: 315433
Ion Ratio Lower Upper
83 100
85 64.2 44.7 82.9
131 9.5 7.4 11.0



#59
Bromoform
Concen: 112.457 ug/L
RT: 9.667 min Scan# 2683
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 173 Resp: 153585
Ion Ratio Lower Upper
173 100
175 47.9 39.5 59.3
254 8.8 7.0 10.4

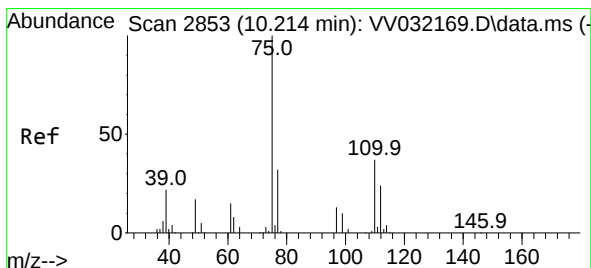
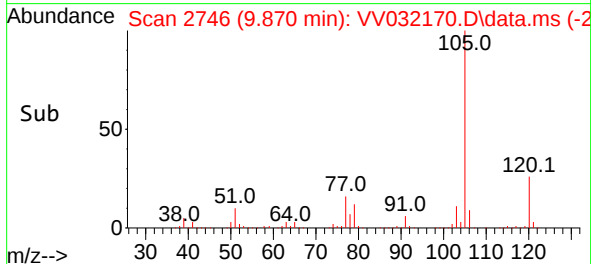
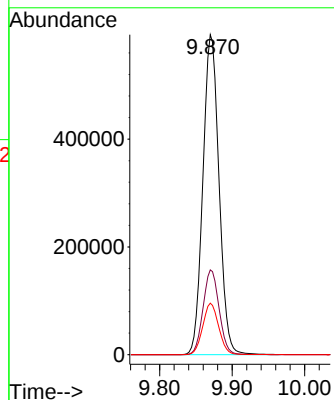
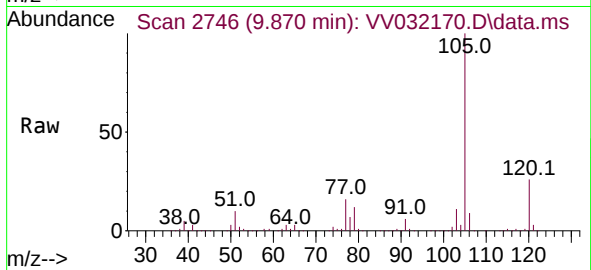




#60
Isopropylbenzene
Concen: 105.029 ug/L
RT: 9.870 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

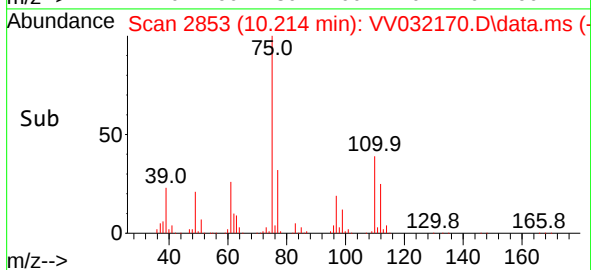
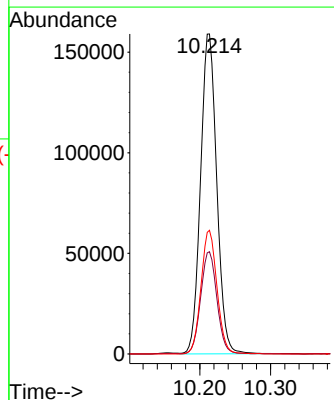
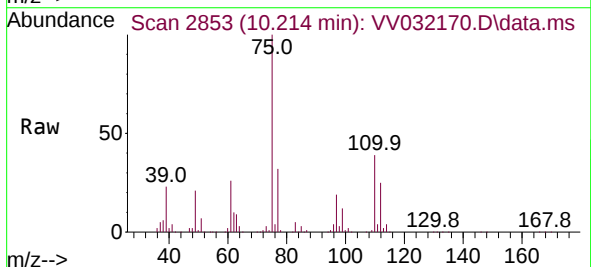
Instrument :
MSVOA_V
ClientSampleId :

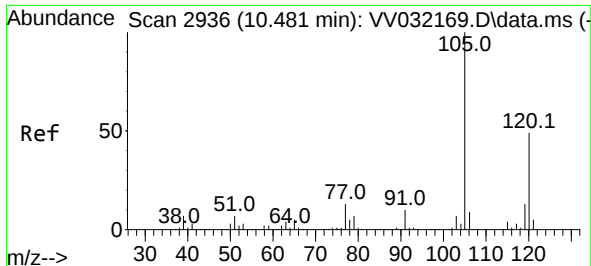
Tgt Ion:105 Resp: 916572
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 101.736 ug/L
RT: 10.214 min Scan# 2853
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion: 75 Resp: 252053
Ion Ratio Lower Upper
75 100
77 32.0 26.1 39.1
110 38.1 30.5 45.7





#62

1,3,5-Trimethylbenzene

Concen: 104.098 ug/L

RT: 10.481 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

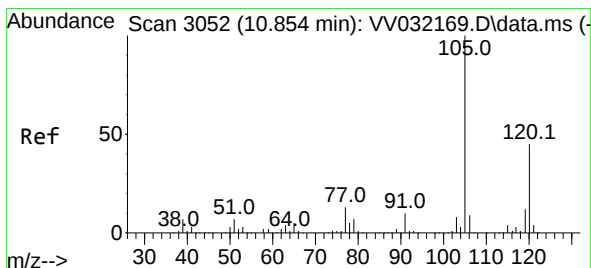
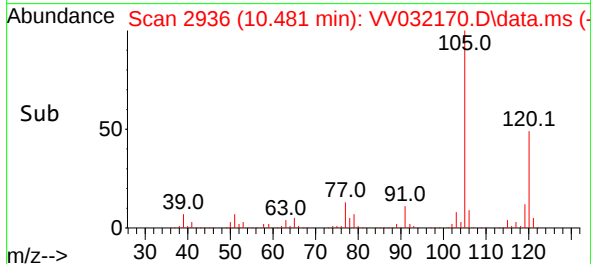
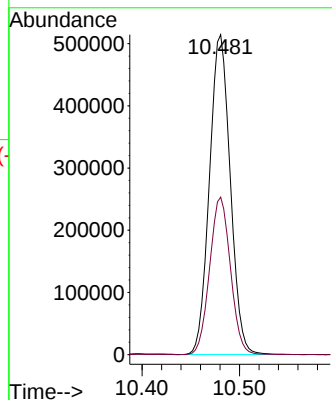
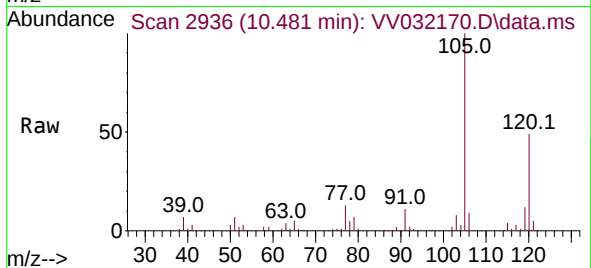
ClientSampleId :

Tgt Ion:105 Resp: 761958

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 102.457 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032170.D

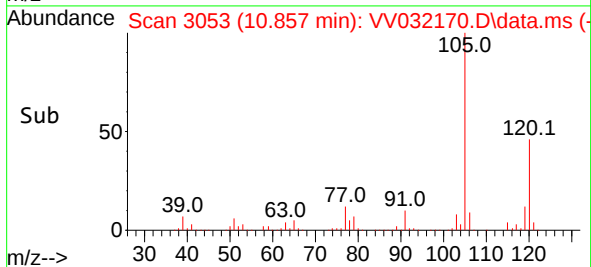
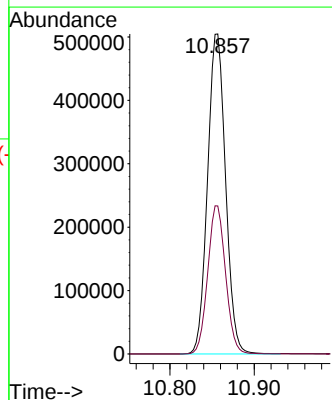
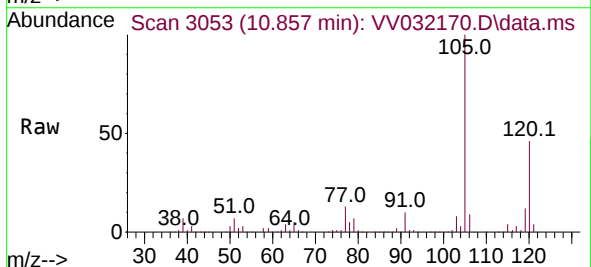
Acq: 25 Sep 2023 13:49

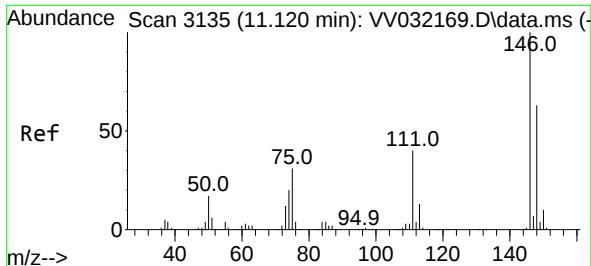
Tgt Ion:105 Resp: 751396

Ion Ratio Lower Upper

105 100

120 45.9 36.5 54.7

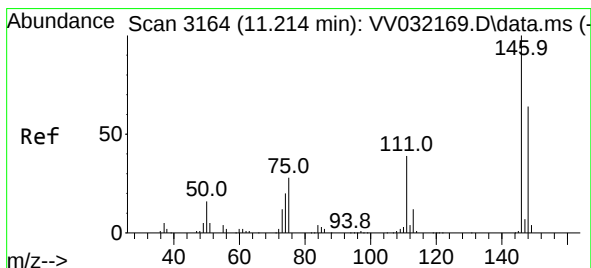
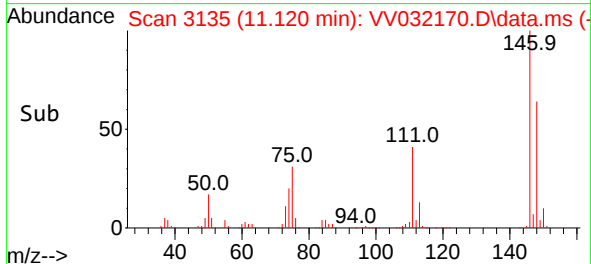
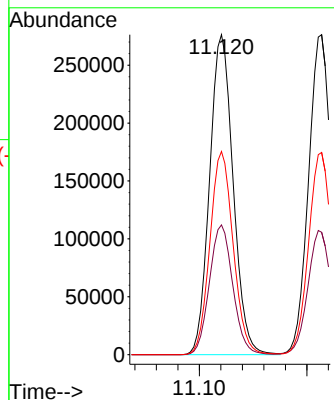
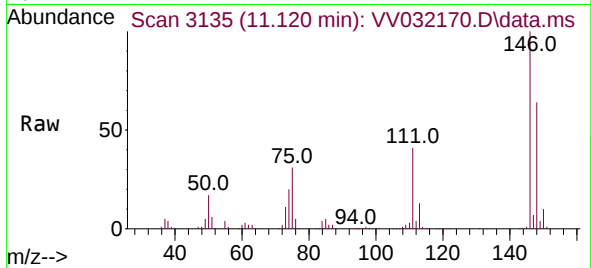




#64
1,3-Dichlorobenzene
Concen: 106.501 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

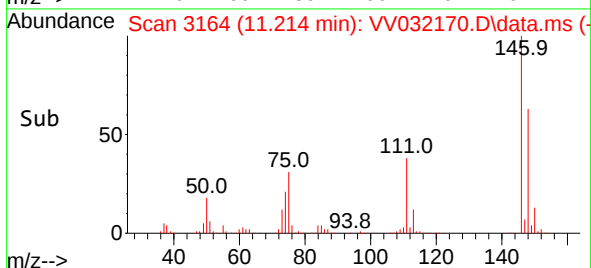
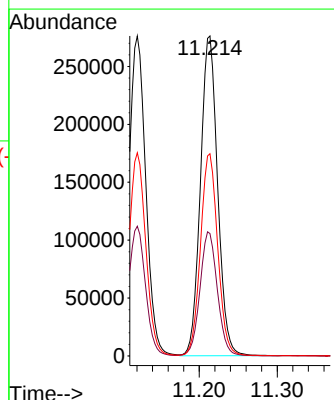
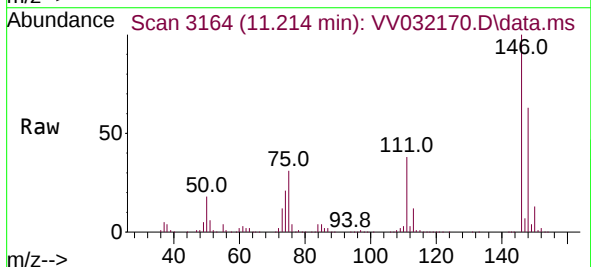
Instrument :
MSVOA_V
ClientSampleId :

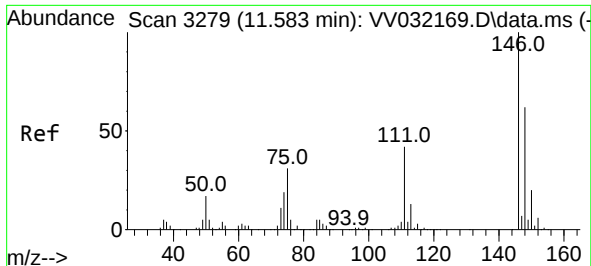
Tgt Ion:146 Resp: 419356
Ion Ratio Lower Upper
146 100
111 40.6 28.3 52.5
148 63.5 44.2 82.0



#65
1,4-Dichlorobenzene
Concen: 105.750 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VV032170.D
Acq: 25 Sep 2023 13:49

Tgt Ion:146 Resp: 422752
Ion Ratio Lower Upper
146 100
111 38.3 27.5 51.1
148 63.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 105.943 ug/L

RT: 11.583 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

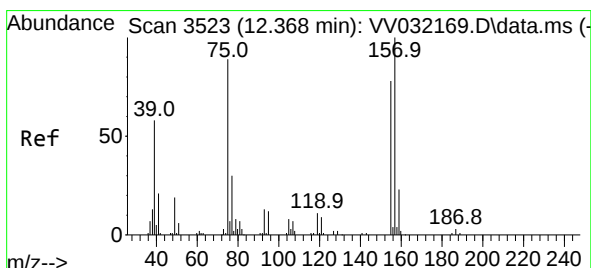
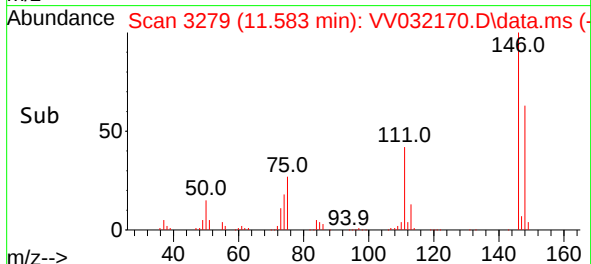
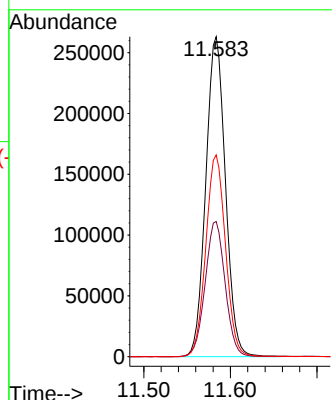
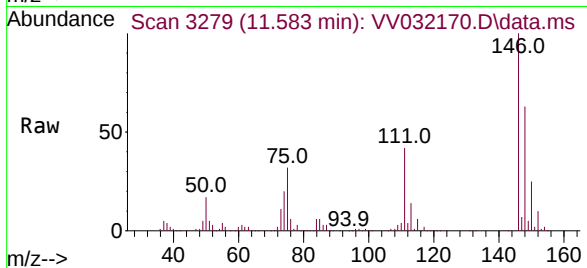
Tgt Ion:146 Resp: 414428

Ion Ratio Lower Upper

146 100

111 42.2 33.6 50.4

148 63.0 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 101.926 ug/L

RT: 12.368 min Scan# 3523

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

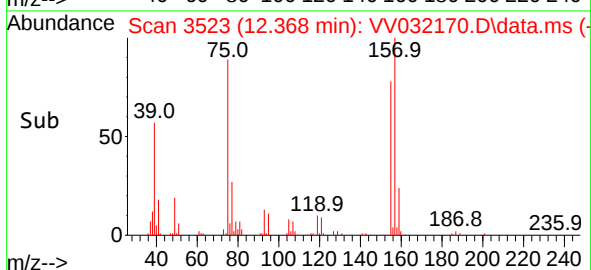
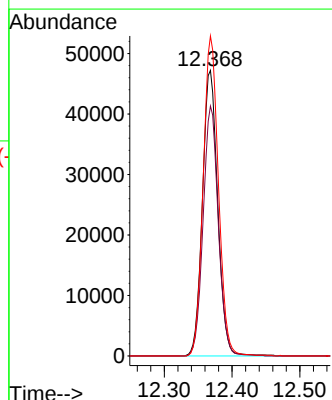
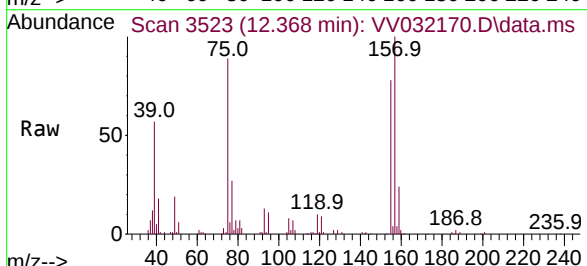
Tgt Ion: 75 Resp: 73981

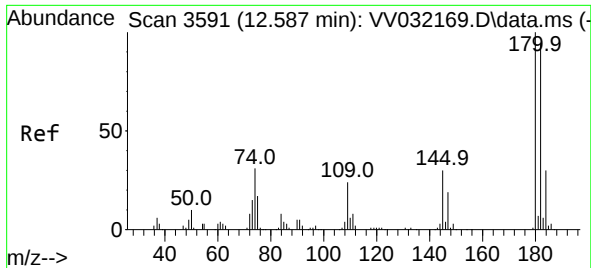
Ion Ratio Lower Upper

75 100

155 87.5 70.0 105.0

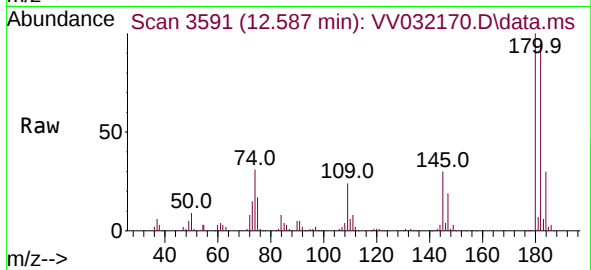
157 112.1 90.4 135.6



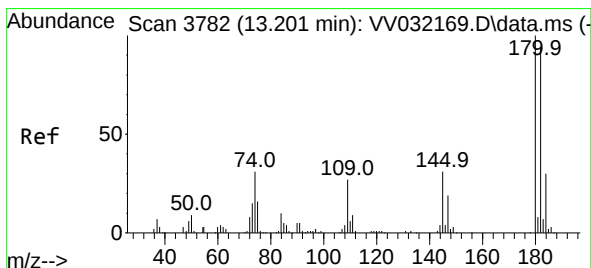
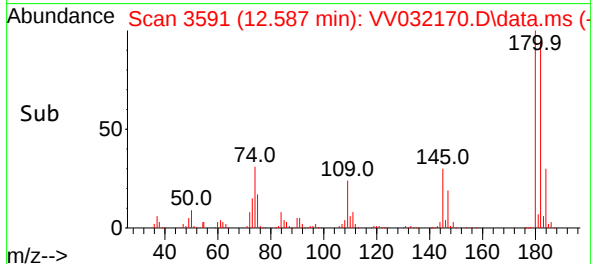
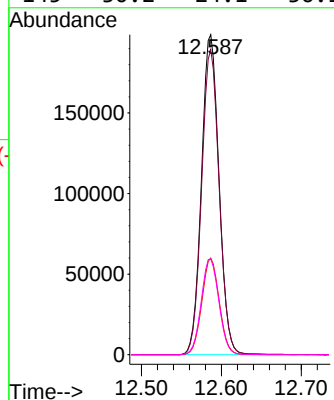


#69
 1,3,5-Trichlorobenzene
 Concen: 106.504 ug/L
 RT: 12.587 min Scan# 3591
 Delta R.T. 0.000 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

Instrument :
 MSVOA_V
 ClientSampleId :

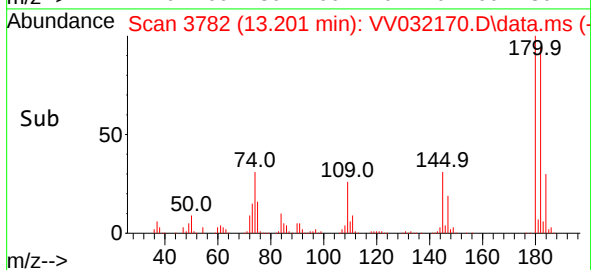
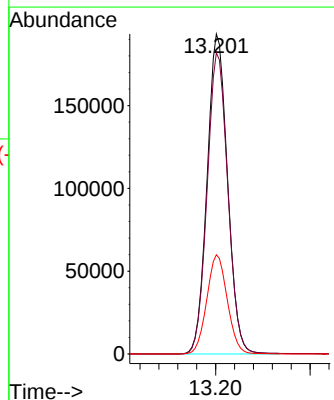
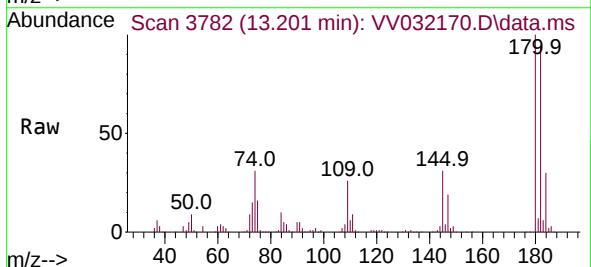


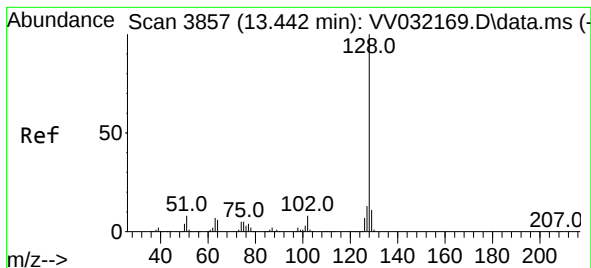
Tgt Ion:180 Resp: 303769
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.6 113.4
 184 29.9 23.9 35.9
 145 30.2 24.1 36.1



#70
 1,2,4-trichlorobenzene
 Concen: 106.323 ug/L
 RT: 13.201 min Scan# 3782
 Delta R.T. 0.000 min
 Lab File: VV032170.D
 Acq: 25 Sep 2023 13:49

Tgt Ion:180 Resp: 290094
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.3 112.9
 145 31.1 24.4 36.6





#71

Naphthalene

Concen: 110.323 ug/L

RT: 13.442 min Scan# 3857

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Instrument :

MSVOA_V

ClientSampleId :

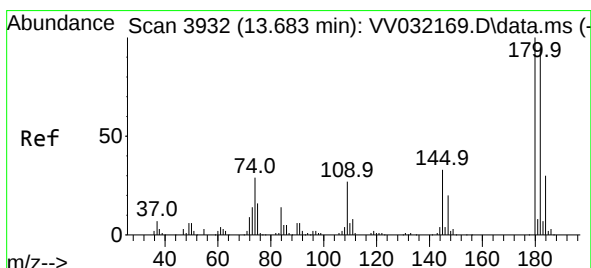
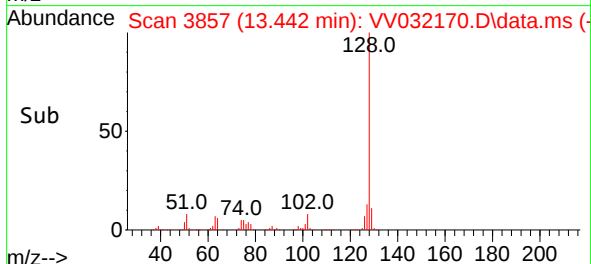
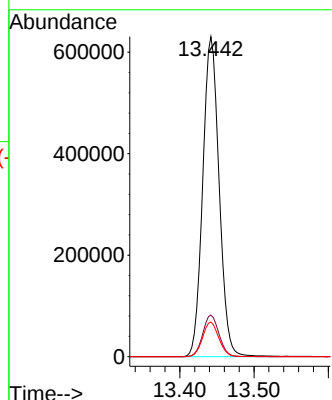
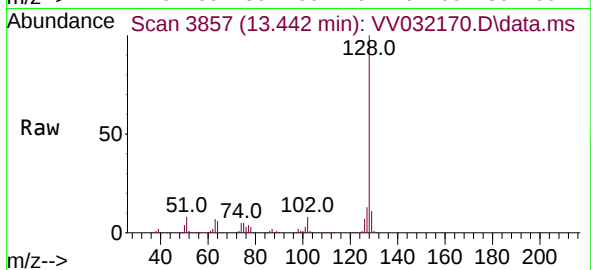
Tgt Ion:128 Resp: 965709

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.7 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 109.602 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032170.D

Acq: 25 Sep 2023 13:49

Tgt Ion:180 Resp: 289511

Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 32.7 25.8 38.8

