

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052523\
 Data File : VW031231.D
 Acq On : 25 May 2023 13:33
 Operator : SY/MD
 Sample : VSTD00541
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 26 06:32:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 26 06:30:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	147491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132472	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72946	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	79759	4.879	ug/L	0.00
7) Chloroethane-d5	1.535	69	65369	5.126	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	35007	5.181	ug/L	0.00
20) 2-Butanone-d5	3.812	46	176983	50.106	ug/L	0.00
24) Chloroform-d	4.259	84	161741	4.990	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	83599	5.220	ug/L	0.00
32) Benzene-d6	4.966	84	288835	5.221	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	96887	5.234	ug/L	0.00
41) Toluene-d8	7.249	98	271111	5.608	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	31568	5.304	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	120462	50.605	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	63831	4.886	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	81472	4.760	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	83987	5.292	ug/L	100
3) Chloromethane	1.217	50	87610	4.934	ug/L	100
5) Vinyl chloride	1.285	62	89794	5.229	ug/L	100
6) Bromomethane	1.490	94	42665	5.031	ug/L	100
8) Chloroethane	1.552	64	46908	5.182	ug/L	100
9) Trichlorofluoromethane	1.719	101	129820	5.498	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	67711	5.418	ug/L	100
12) 1,1-Dichloroethene	2.072	96	52619	5.271	ug/L	100
13) Acetone	2.140	43	133231	47.765	ug/L	100
14) Carbon disulfide	2.246	76	153347	5.186	ug/L	100
15) Methyl Acetate	2.387	43	29194	5.301	ug/L	100
16) Methylene chloride	2.452	84	106093	6.157	ug/L	100
17) Methyl tert-butyl Ether	2.712	73	139249	5.058	ug/L	100
18) trans-1,2-Dichloroethene	2.703	96	58874	5.289	ug/L	100
19) 1,1-Dichloroethane	3.121	63	145134	5.285	ug/L	100
21) 2-Butanone	3.892	43	180442	51.614	ug/L	100
22) cis-1,2-Dichloroethene	3.825	96	65473	5.119	ug/L	100
23) Bromochloromethane	4.156	128	31294	5.492	ug/L	100
25) Chloroform	4.285	83	153236	5.458	ug/L	100
27) 1,2-Dichloroethane	5.050	62	87807	5.509	ug/L	100
29) 1,1,1-Trichloroethane	4.519	97	130212	5.274	ug/L	100
30) Cyclohexane	4.593	56	97866	5.179	ug/L	100
31) Carbon tetrachloride	4.744	117	113861	5.348	ug/L	100
33) Benzene	5.018	78	274268	5.555	ug/L	100
34) Trichloroethene	5.841	95	70932	5.348	ug/L	100
35) Methylcyclohexane	6.059	83	98088	5.350	ug/L	100
37) 1,2-Dichloropropane	6.101	63	80148	5.541	ug/L	100
38) Bromodichloromethane	6.439	83	101923	5.622	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	98631	5.754	ug/L	100
40) 4-Methyl-2-pentanone	7.165	43	423282	59.749	ug/L	100
42) Toluene	7.323	91	288942	5.957	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	85146	5.726	ug/L	100

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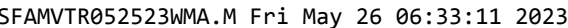
Instrument :
 MSVOA_V
 ClientSampleId :

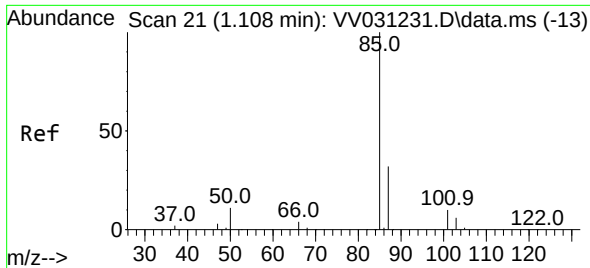
Quant Time: May 26 06:32:49 2023
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	52449	5.997	ug/L	100
47) Tetrachloroethene	7.911	164	49775	5.177	ug/L	100
48) 2-Hexanone	8.085	43	287276	55.000	ug/L	100
49) Dibromochloromethane	8.181	129	52182	4.965	ug/L	100
50) 1,2-Dibromoethane	8.291	107	41910	5.190	ug/L	100
51) Chlorobenzene	8.821	112	164926	5.169	ug/L	100
52) Ethylbenzene	8.953	91	273633	5.116	ug/L	100
53) m,p-Xylene	9.079	106	102370	5.180	ug/L	100
54) o-Xylene	9.484	106	94050	4.998	ug/L	100
55) Styrene	9.503	104	173306	5.223	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.185	83	58773	5.323	ug/L	100
59) Bromoform	9.673	173	29735	5.035	ug/L	100
60) Isopropylbenzene	9.873	105	278208	5.231	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	41901	5.256	ug/L	100
62) 1,3,5-Trimethylbenzene	10.484	105	215296	4.993	ug/L	100
63) 1,2,4-Trimethylbenzene	10.860	105	226308	5.126	ug/L	100
64) 1,3-Dichlorobenzene	11.123	146	121791	4.837	ug/L	100
65) 1,4-Dichlorobenzene	11.217	146	131164	5.091	ug/L	100
67) 1,2-Dichlorobenzene	11.586	146	122666	5.083	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.374	75	7114	4.234	ug/L	100
69) 1,3,5-Trichlorobenzene	12.590	180	90400	4.421	ug/L	100
70) 1,2,4-trichlorobenzene	13.207	180	78877	4.826	ug/L	100
71) Naphthalene	13.448	128	97219	4.019	ug/L	100
72) 1,2,3-Trichlorobenzene	13.686	180	70319	5.002	ug/L	100

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

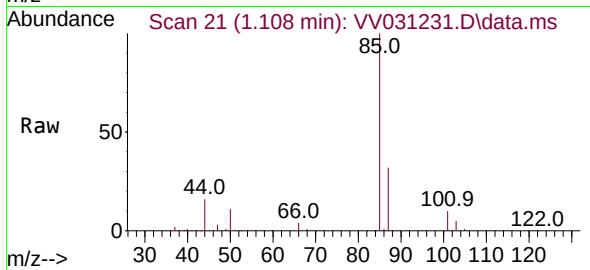
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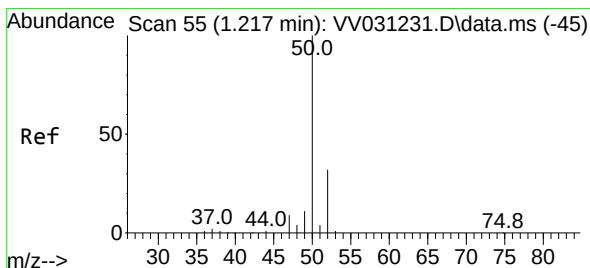
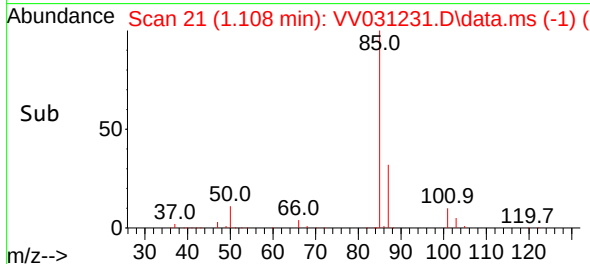
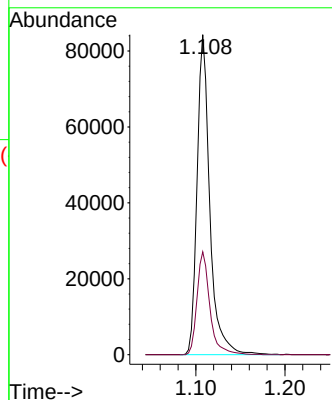


#2
 Dichlorodifluoromethane
 Concen: 5.292 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

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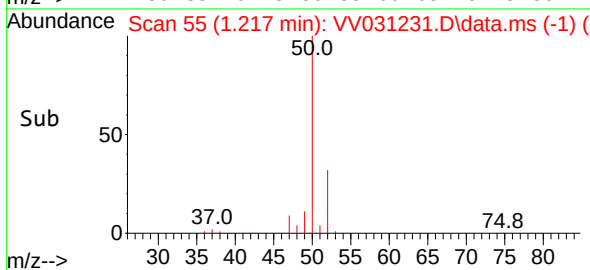
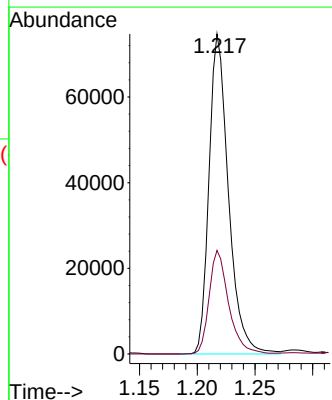
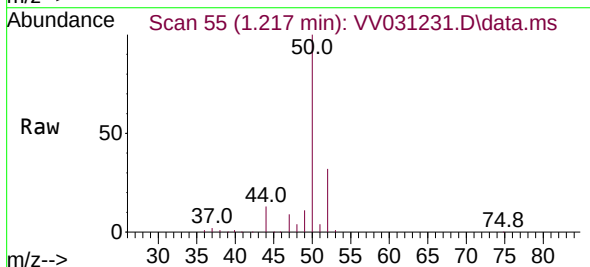


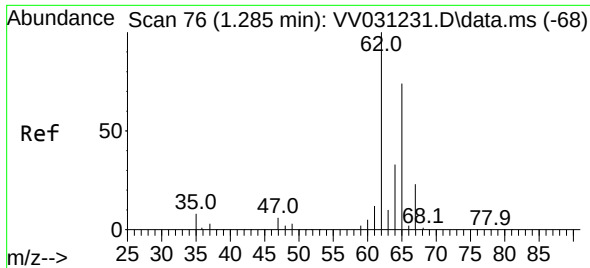
Tgt Ion: 85 Resp: 83987
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 4.934 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

Tgt Ion: 50 Resp: 87610
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.7 42.1

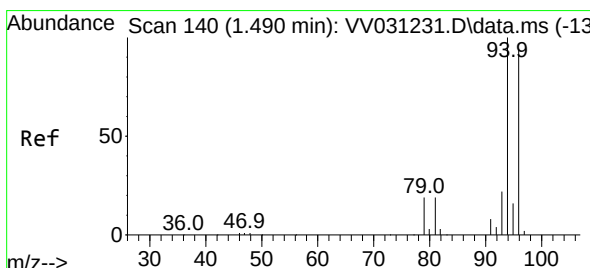
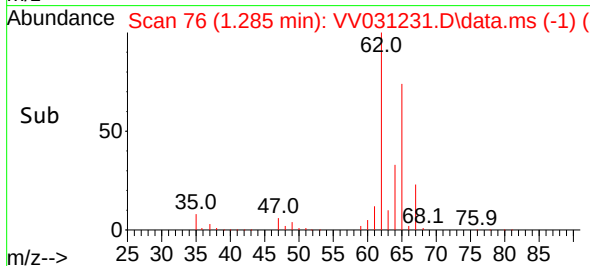
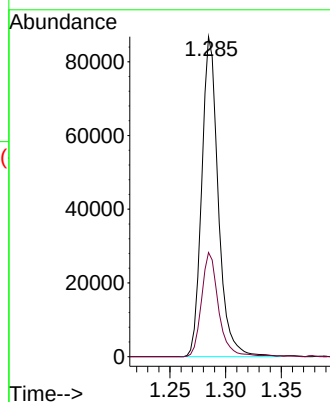
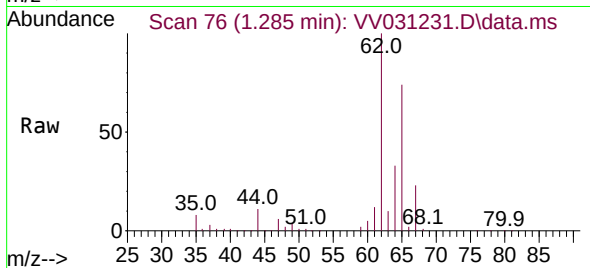




#5
 Vinyl chloride
 Concen: 5.229 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

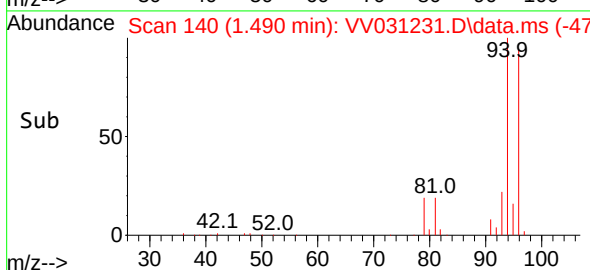
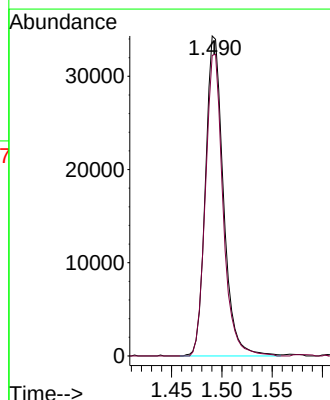
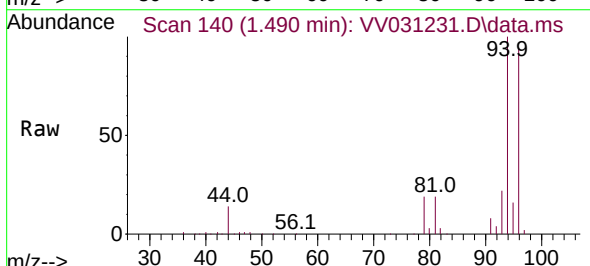
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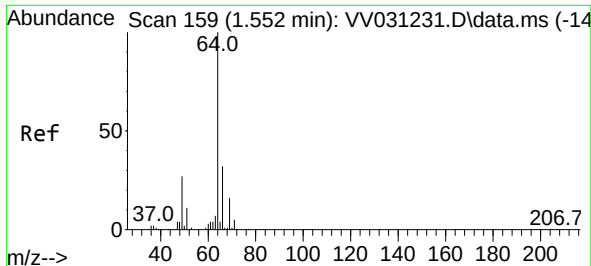
Tgt Ion: 62 Resp: 89794
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 5.031 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

Tgt Ion: 94 Resp: 42665
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.8 122.2

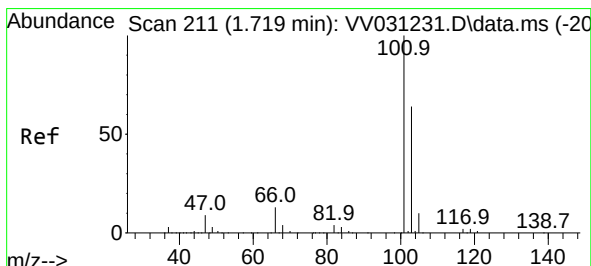
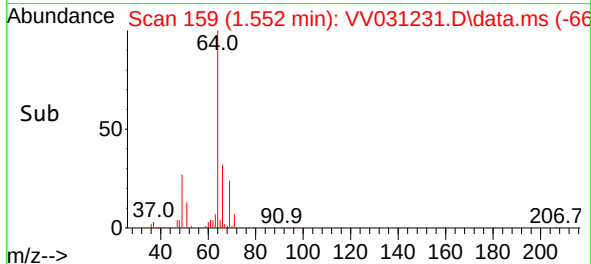
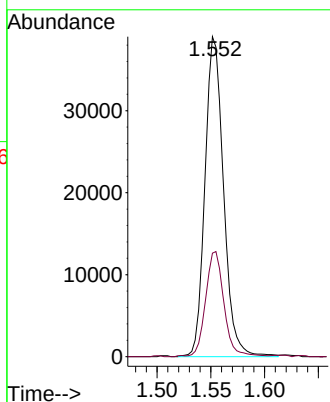
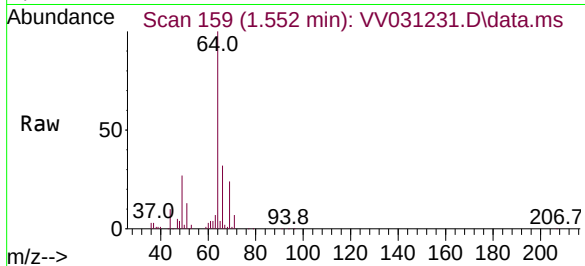




#8
Chloroethane
Concen: 5.182 ug/L
RT: 1.552 min Scan# 159
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

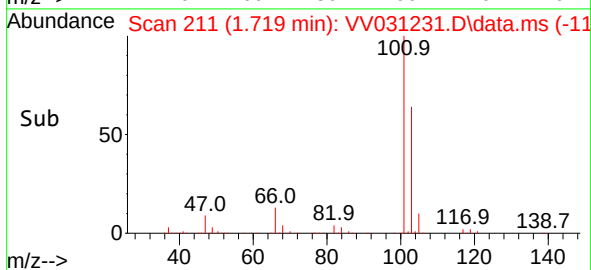
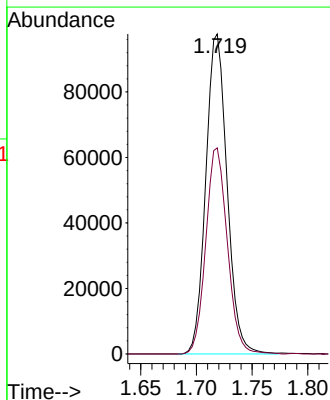
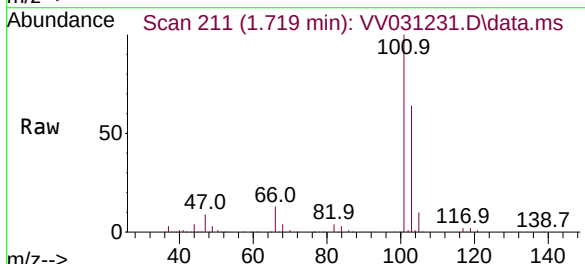
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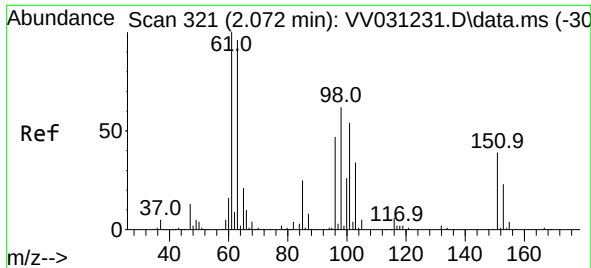
Tgt Ion: 64 Resp: 46908
Ion Ratio Lower Upper
64 100
66 32.4 22.7 42.1



#9
Trichlorofluoromethane
Concen: 5.498 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion:101 Resp: 129820
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

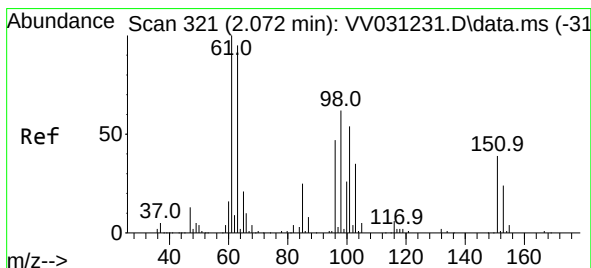
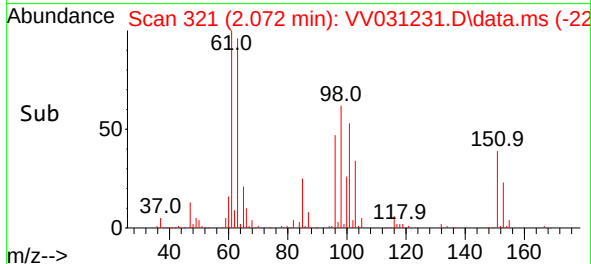
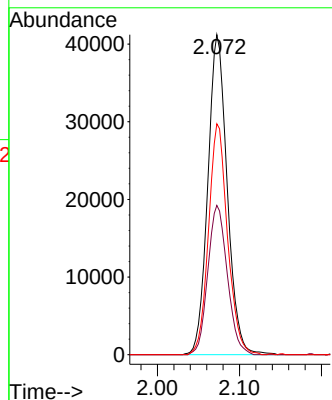
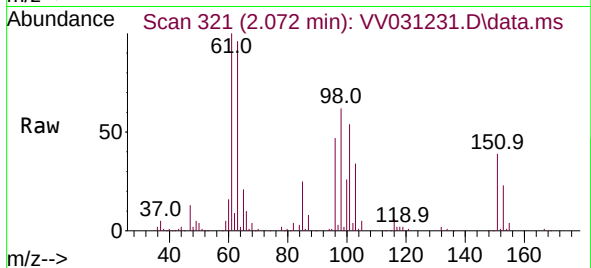




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.418 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

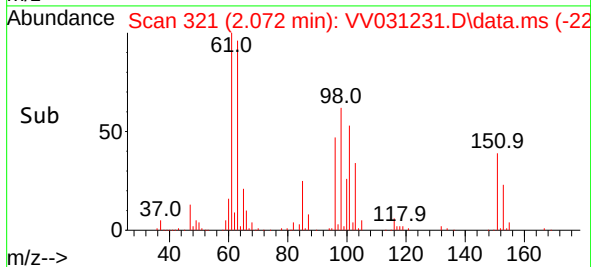
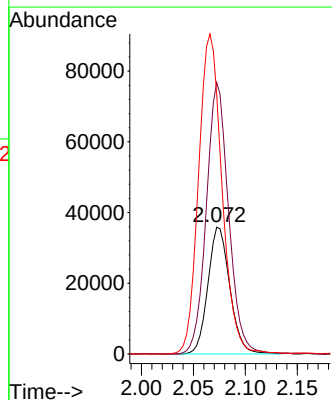
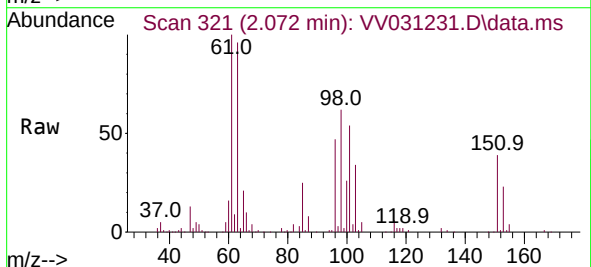
Instrument :
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 ClientSampleId :

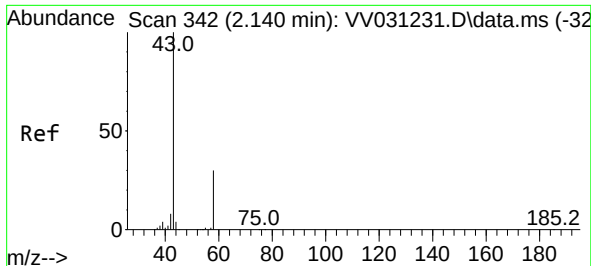
Tgt Ion:101 Resp: 67711
 Ion Ratio Lower Upper
 101 100
 85 47.0 37.6 56.4
 151 70.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.271 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

Tgt Ion: 96 Resp: 52619
 Ion Ratio Lower Upper
 96 100
 61 214.3 150.0 278.6
 63 205.0 143.5 266.5





#13

Acetone

Concen: 47.765 ug/L

RT: 2.140 min Scan# 342

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

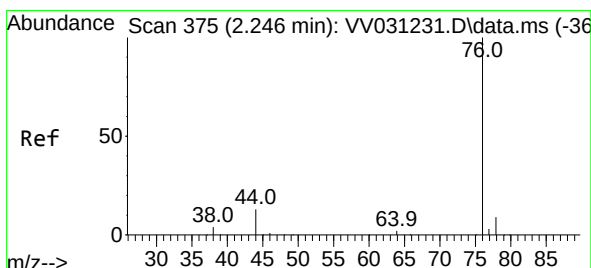
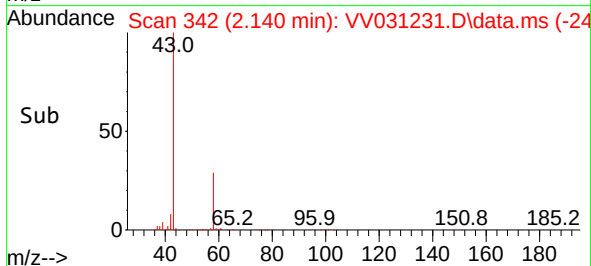
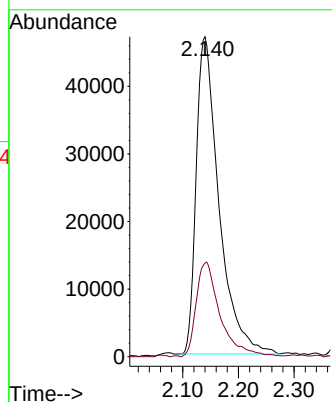
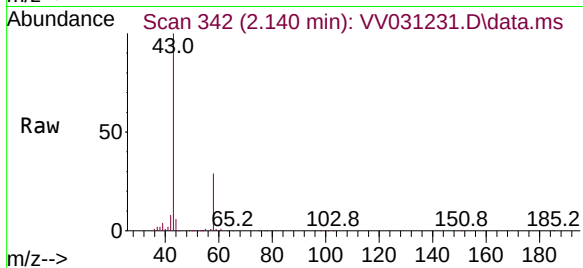
ClientSampleId :

Tgt Ion: 43 Resp: 133231

Ion Ratio Lower Upper

43 100

58 31.1 0.0 62.2



#14

Carbon disulfide

Concen: 5.186 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.000 min

Lab File: VV031231.D

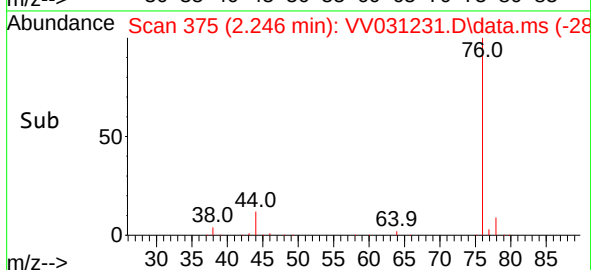
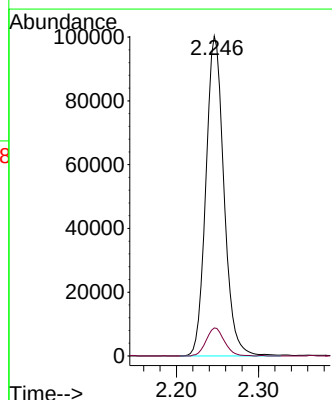
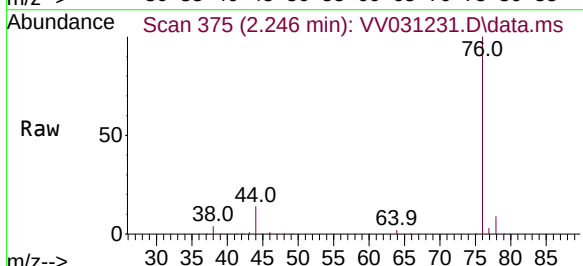
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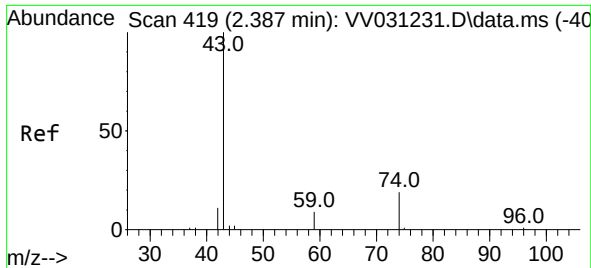
Tgt Ion: 76 Resp: 153347

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6

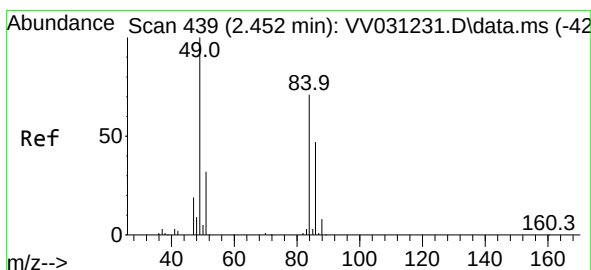
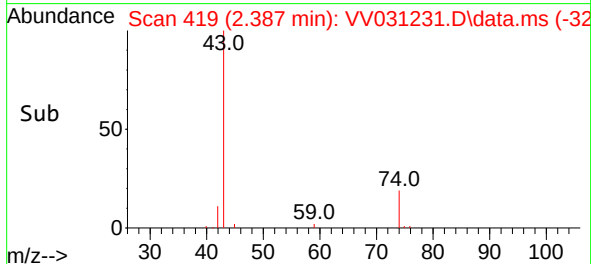
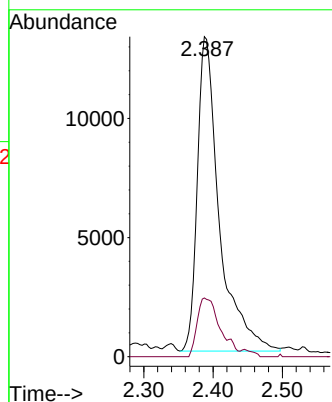
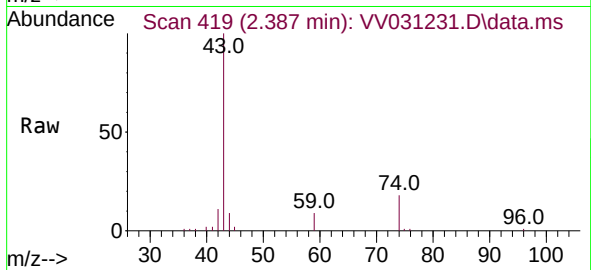




#15
Methyl Acetate
Concen: 5.301 ug/L
RT: 2.387 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

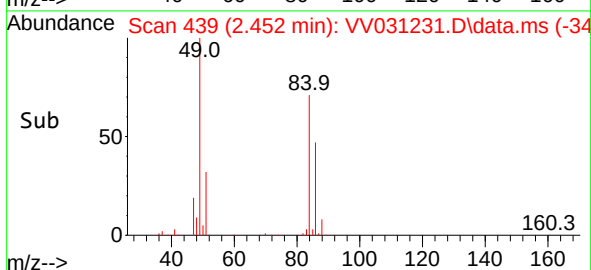
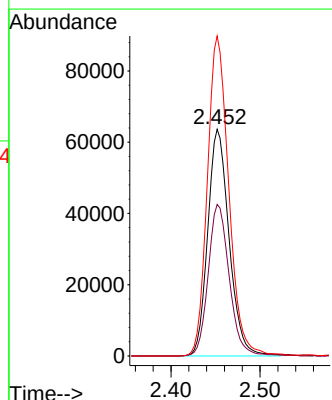
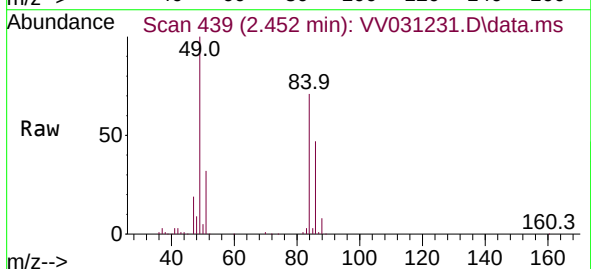
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MSVOA_V
ClientSampleId :

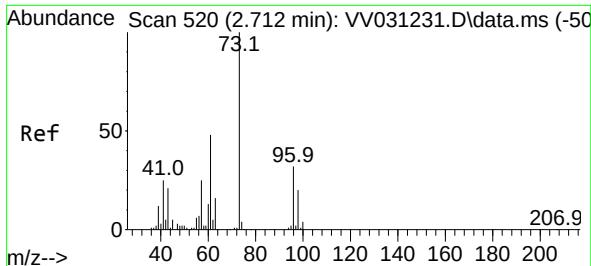
Tgt Ion: 43 Resp: 29194
Ion Ratio Lower Upper
43 100
74 19.4 15.5 23.3



#16
Methylene chloride
Concen: 6.157 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 84 Resp: 106093
Ion Ratio Lower Upper
84 100
86 66.8 46.8 86.8
49 141.1 98.8 183.4

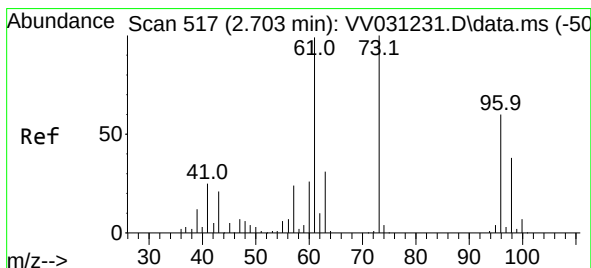
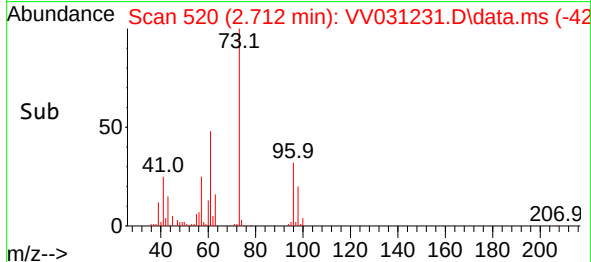
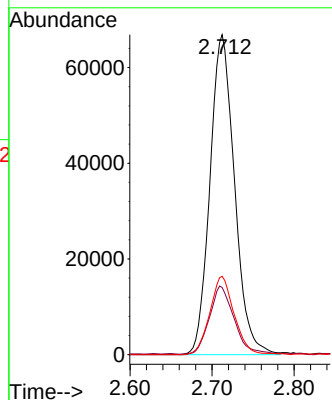
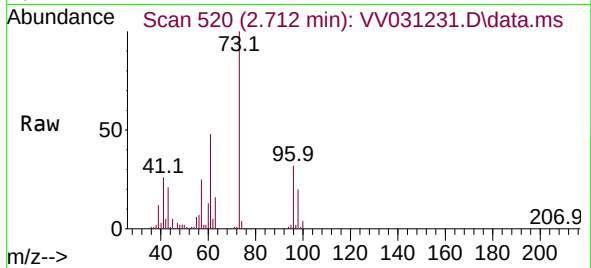




#17
Methyl tert-butyl Ether
Concen: 5.058 ug/L
RT: 2.712 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

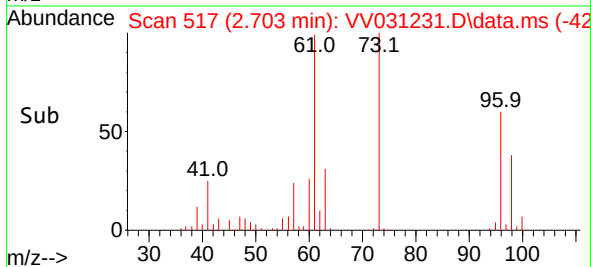
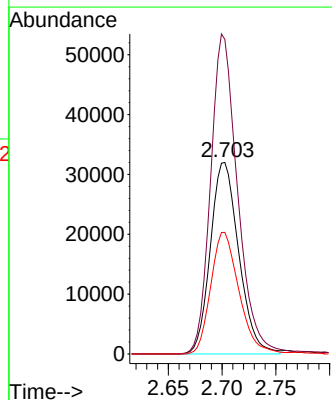
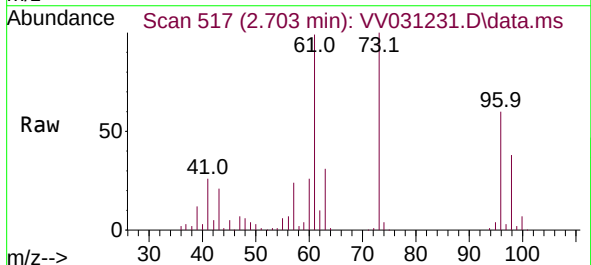
Instrument :
MSVOA_V
ClientSampleId :

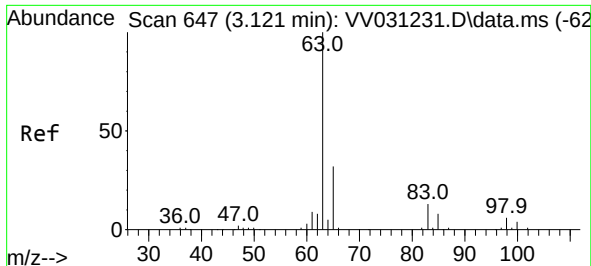
Tgt Ion: 73 Resp: 139249
Ion Ratio Lower Upper
73 100
43 21.3 17.0 25.6
57 24.4 19.5 29.3



#18
trans-1,2-Dichloroethene
Concen: 5.289 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 96 Resp: 58874
Ion Ratio Lower Upper
96 100
61 164.3 115.0 213.6
98 63.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.285 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

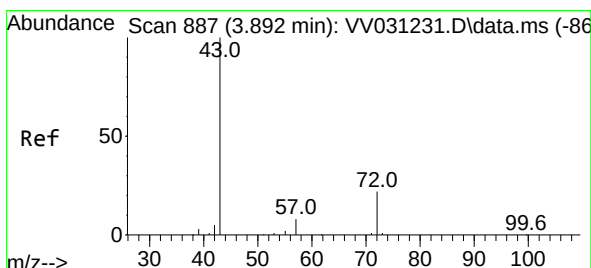
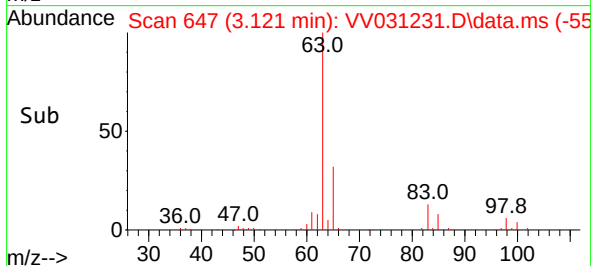
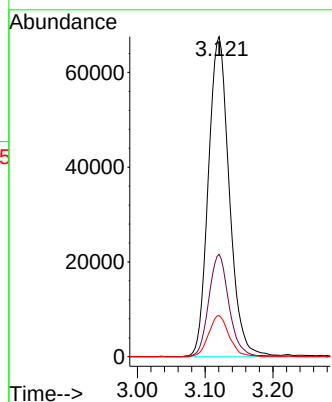
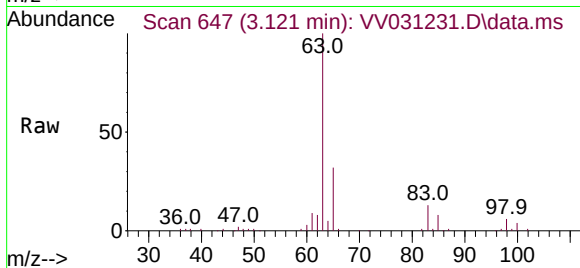
Tgt Ion: 63 Resp: 145134

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 12.8 9.0 16.6



#21

2-Butanone

Concen: 51.614 ug/L

RT: 3.892 min Scan# 887

Delta R.T. 0.000 min

Lab File: VV031231.D

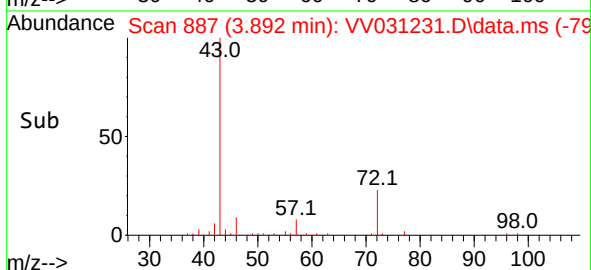
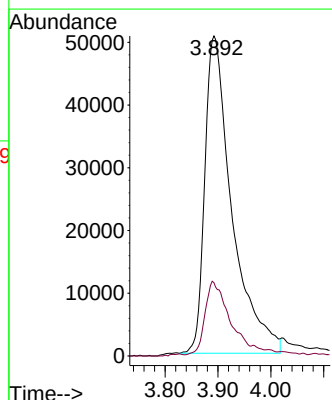
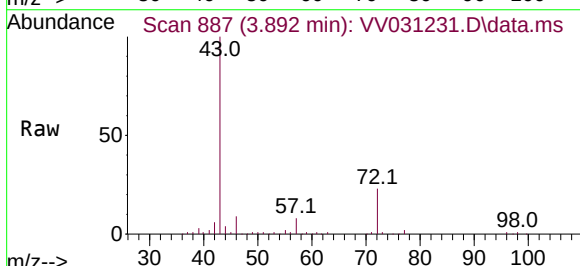
Acq: 25 May 2023 13:33

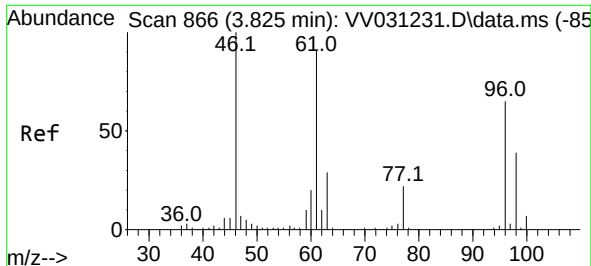
Tgt Ion: 43 Resp: 180442

Ion Ratio Lower Upper

43 100

72 20.6 10.3 30.9

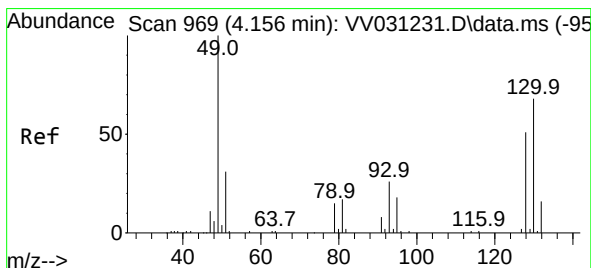
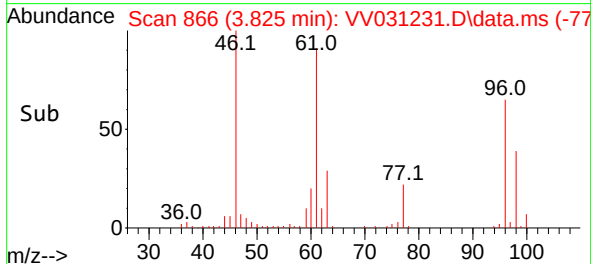
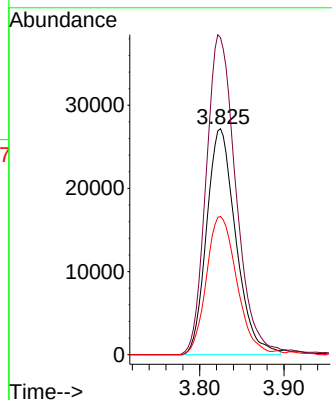
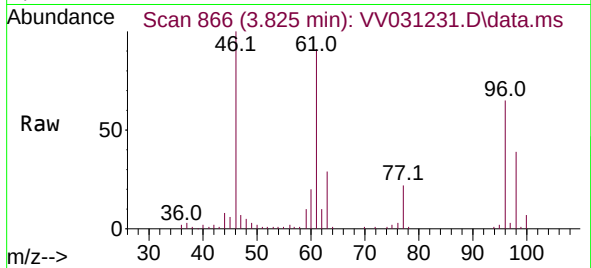




#22
 cis-1,2-Dichloroethene
 Concen: 5.119 ug/L
 RT: 3.825 min Scan# 866
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

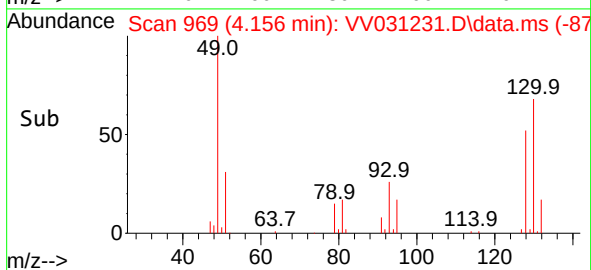
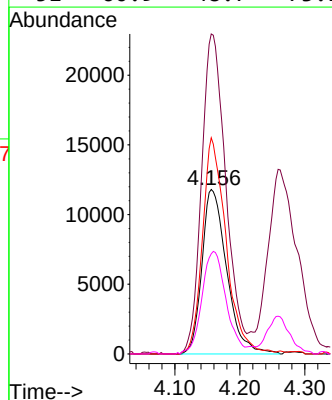
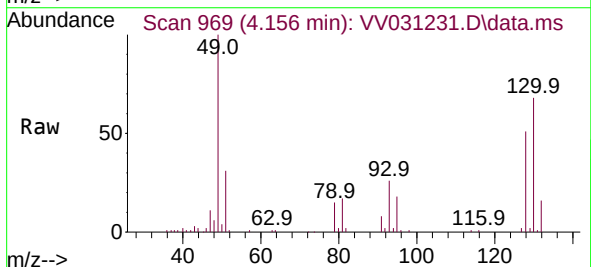
Instrument :
 MSVOA_V
 ClientSampleId :

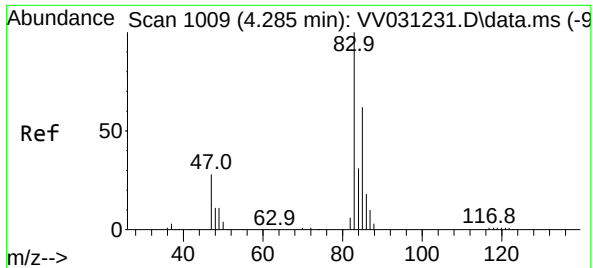
Tgt Ion: 96 Resp: 65473
 Ion Ratio Lower Upper
 96 100
 61 140.3 98.2 182.4
 98 61.2 42.8 79.6



#23
 Bromochloromethane
 Concen: 5.492 ug/L
 RT: 4.156 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VV031231.D
 Acq: 25 May 2023 13:33

Tgt Ion: 128 Resp: 31294
 Ion Ratio Lower Upper
 128 100
 49 194.6 136.2 253.0
 130 131.5 92.0 170.9
 51 60.9 48.7 73.1

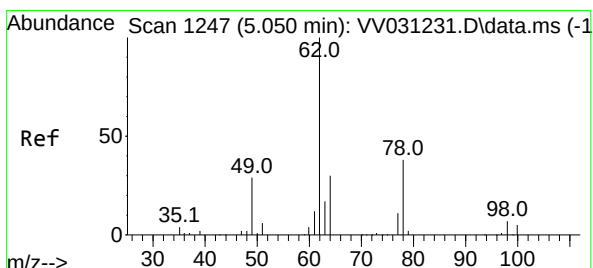
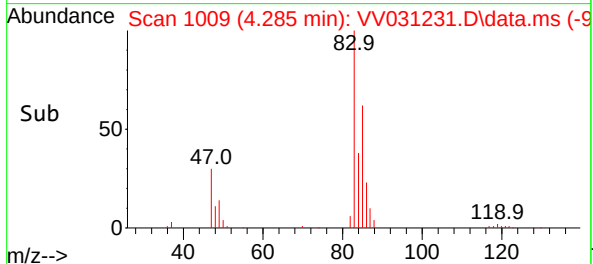
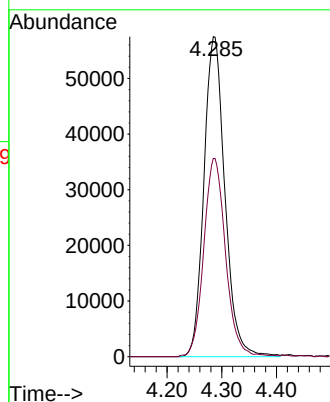
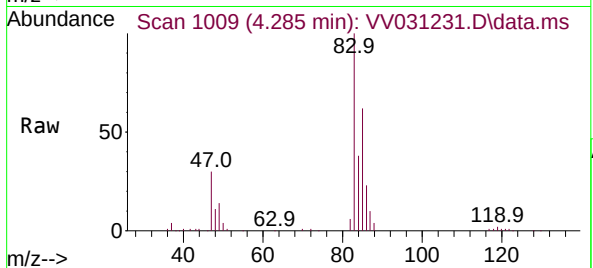




#25
Chloroform
Concen: 5.458 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

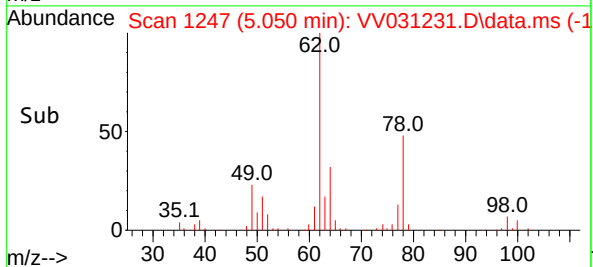
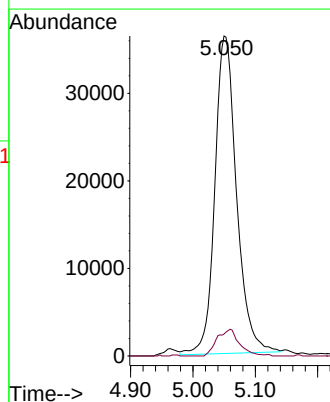
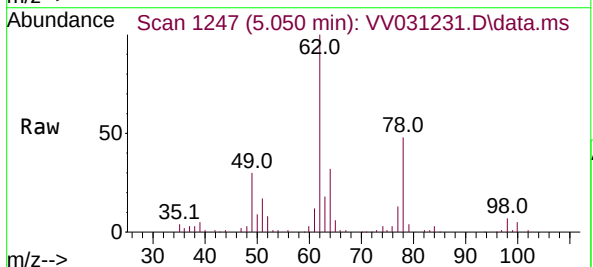
Instrument :
MSVOA_V
ClientSampleId :

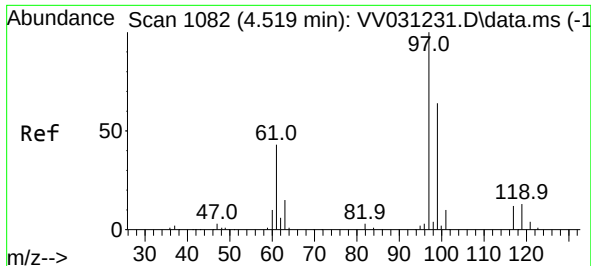
Tgt Ion: 83 Resp: 153236
Ion Ratio Lower Upper
83 100
85 62.0 43.4 80.6



#27
1,2-Dichloroethane
Concen: 5.509 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 62 Resp: 87807
Ion Ratio Lower Upper
62 100
98 6.8 5.4 8.2





#29

1,1,1-Trichloroethane

Concen: 5.274 ug/L

RT: 4.519 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

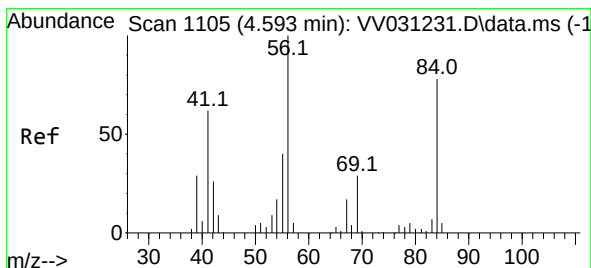
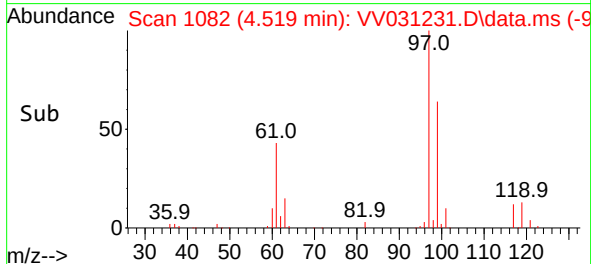
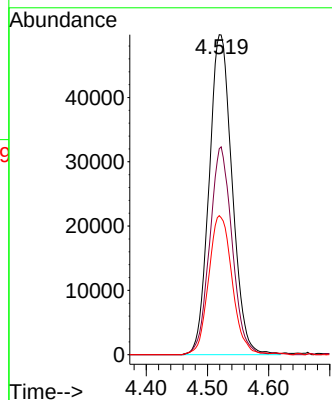
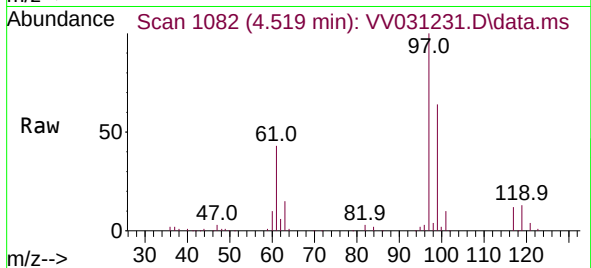
Tgt Ion: 97 Resp: 130212

Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 44.4 35.5 53.3



#30

Cyclohexane

Concen: 5.179 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

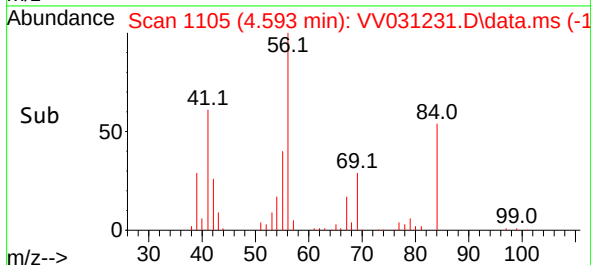
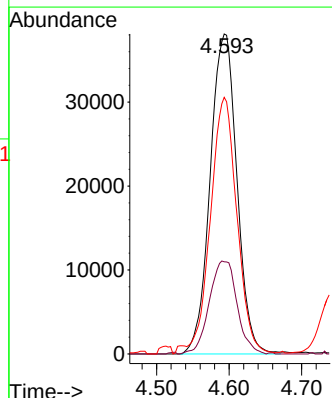
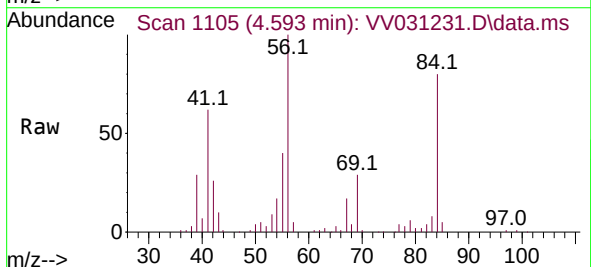
Tgt Ion: 56 Resp: 97866

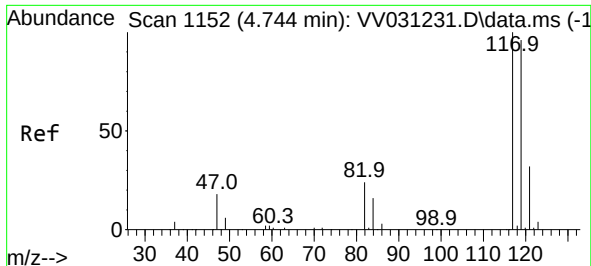
Ion Ratio Lower Upper

56 100

69 30.0 24.0 36.0

84 78.1 62.5 93.7

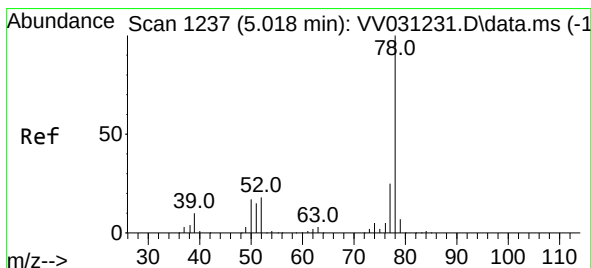
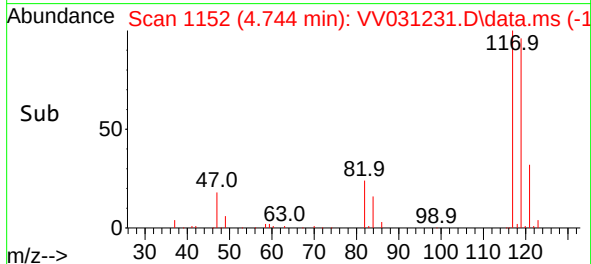
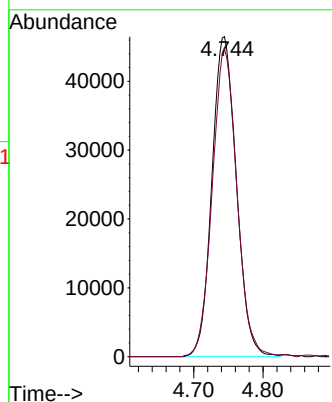
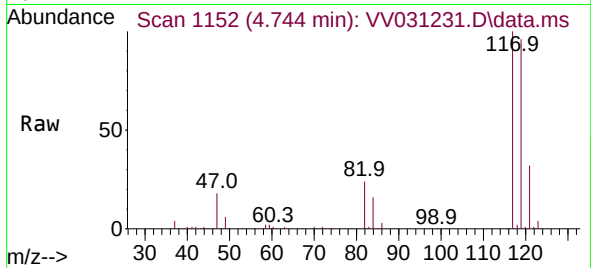




#31
Carbon tetrachloride
Concen: 5.348 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

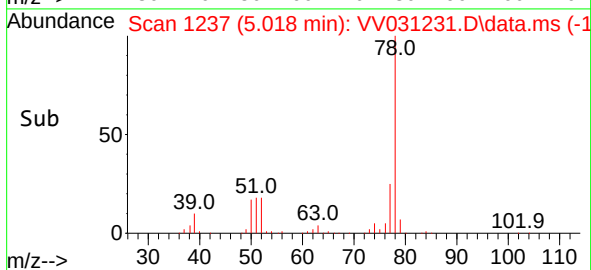
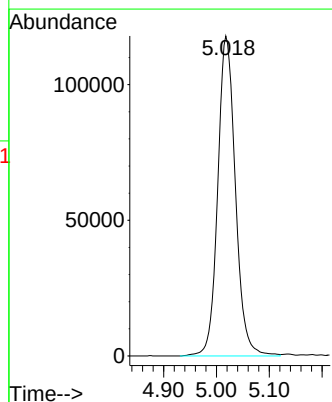
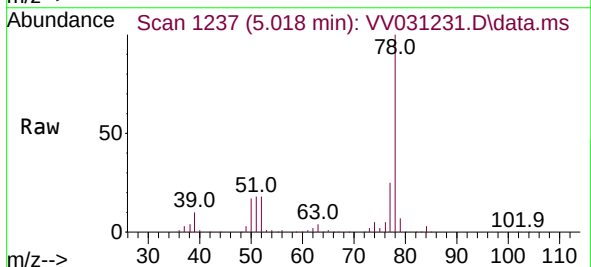
Instrument :
MSVOA_V
ClientSampleId :

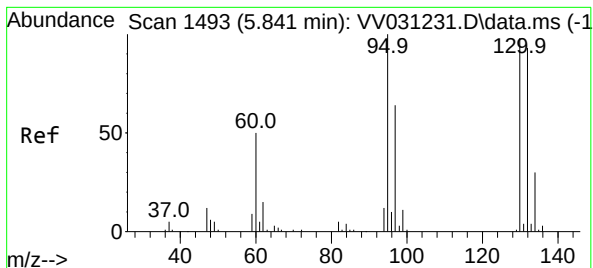
Tgt Ion:117 Resp: 113861
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3



#33
Benzene
Concen: 5.555 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 78 Resp: 274268





#34

Trichloroethene

Concen: 5.348 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 70932

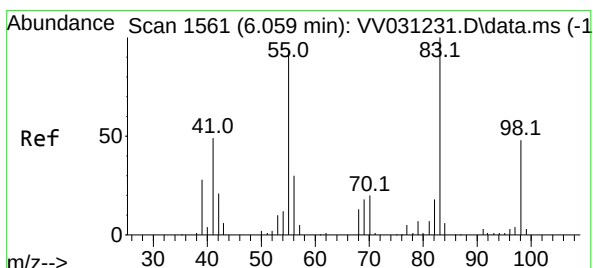
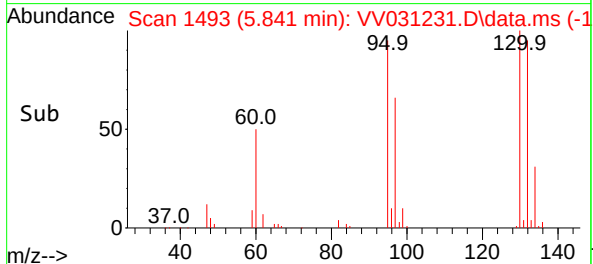
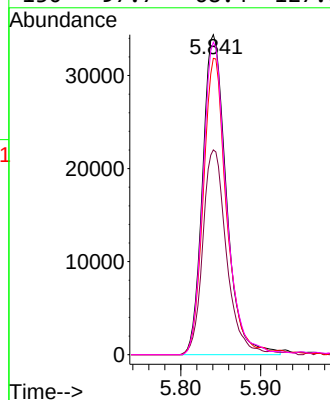
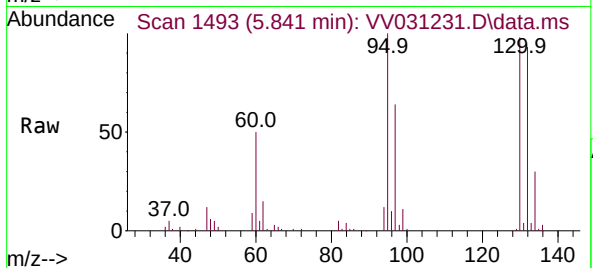
Ion Ratio Lower Upper

95 100

97 64.0 44.8 83.2

132 92.6 64.8 120.4

130 97.7 68.4 127.0



#35

Methylcyclohexane

Concen: 5.350 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

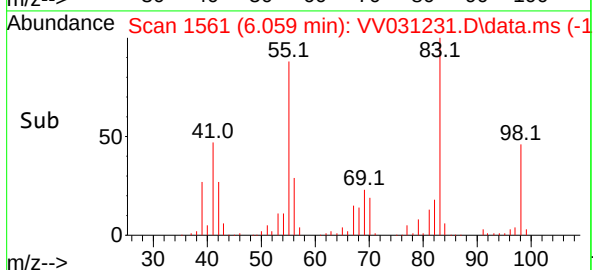
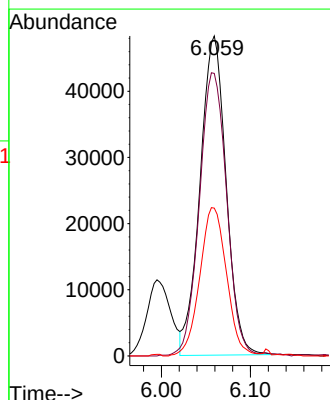
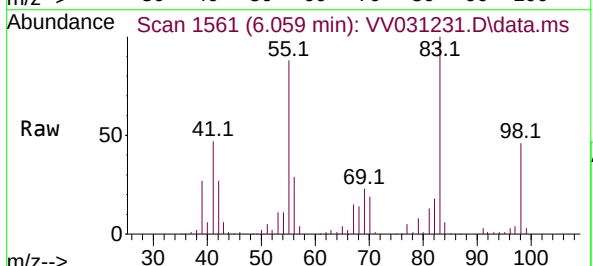
Tgt Ion: 83 Resp: 98088

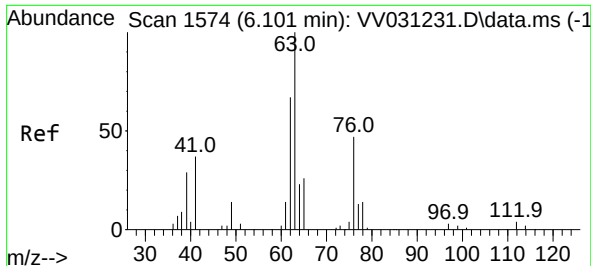
Ion Ratio Lower Upper

83 100

55 93.0 74.4 111.6

98 47.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.541 ug/L

RT: 6.101 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

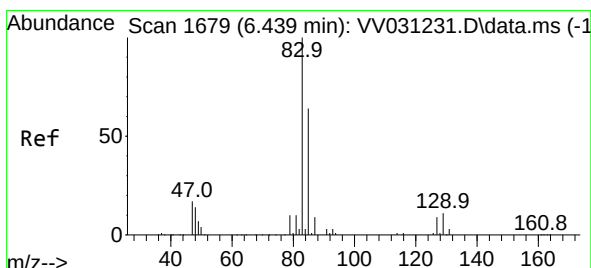
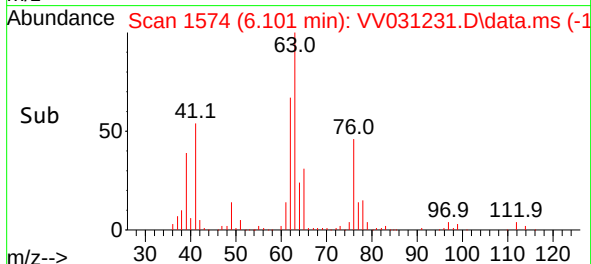
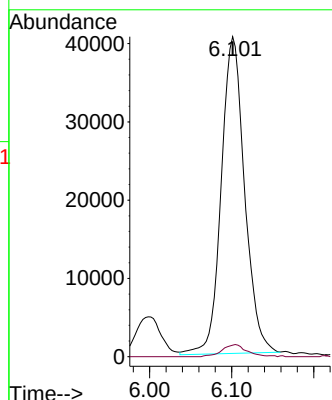
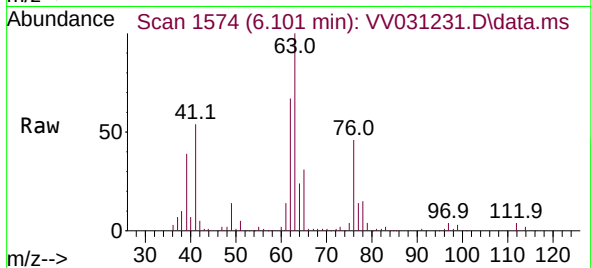
ClientSampleId :

Tgt Ion: 63 Resp: 80148

Ion Ratio Lower Upper

63 100

112 4.0 3.2 4.8



#38

Bromodichloromethane

Concen: 5.622 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

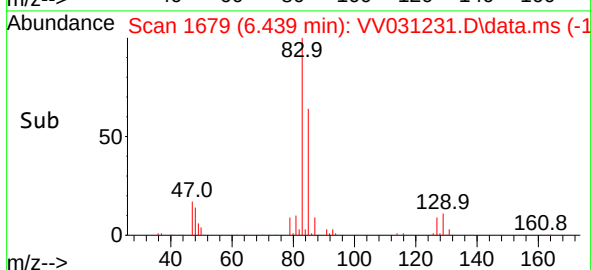
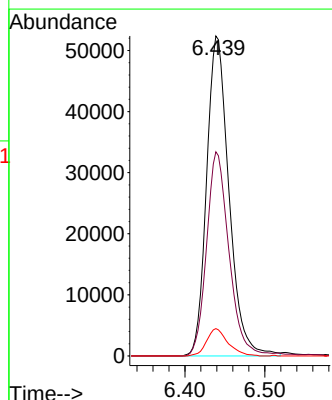
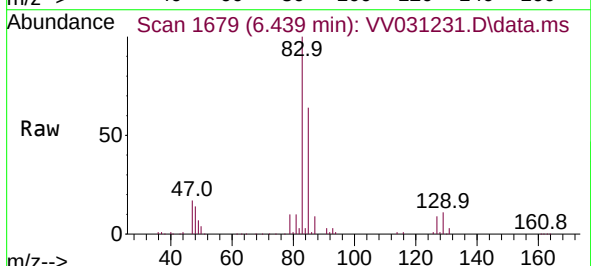
Tgt Ion: 83 Resp: 101923

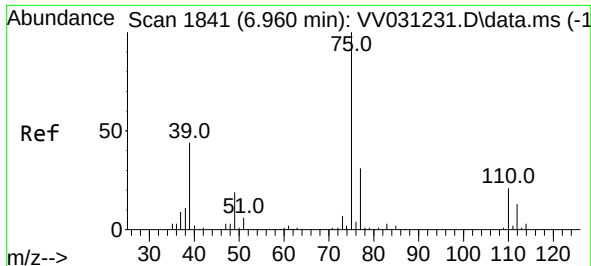
Ion Ratio Lower Upper

83 100

85 63.8 44.7 82.9

127 8.6 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.754 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

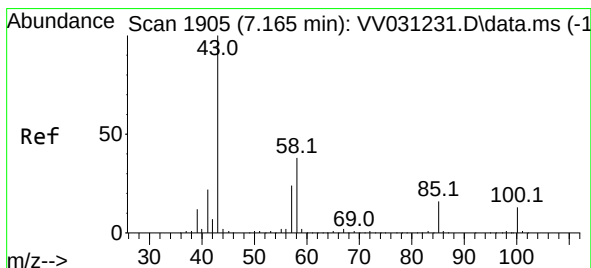
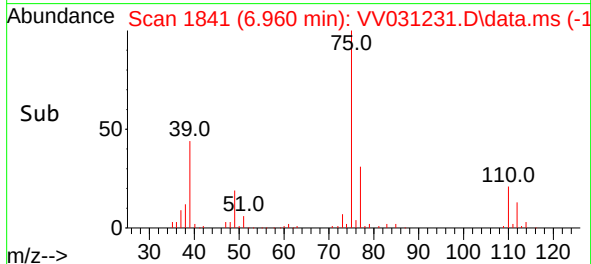
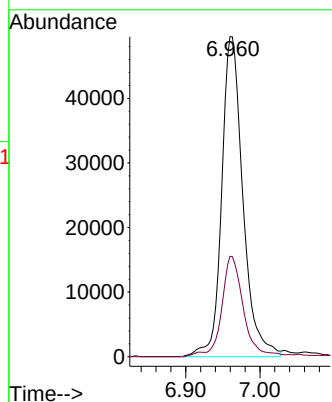
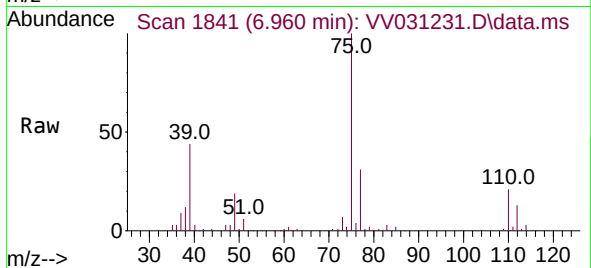
ClientSampleId :

Tgt Ion: 75 Resp: 98631

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 59.749 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

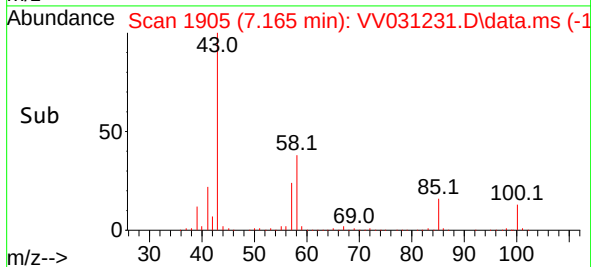
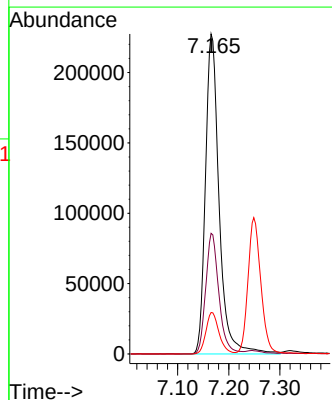
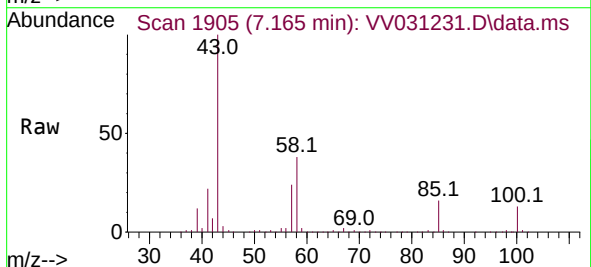
Tgt Ion: 43 Resp: 423282

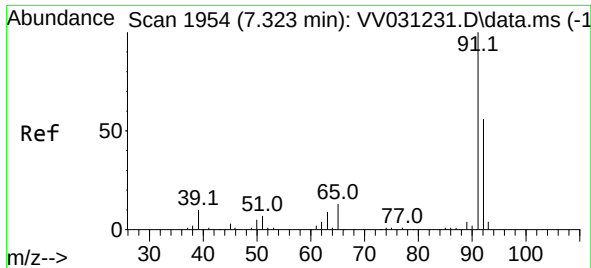
Ion Ratio Lower Upper

43 100

58 36.4 29.1 43.7

100 12.4 9.9 14.9





#42

Toluene

Concen: 5.957 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

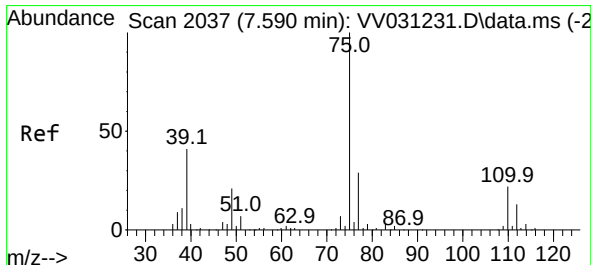
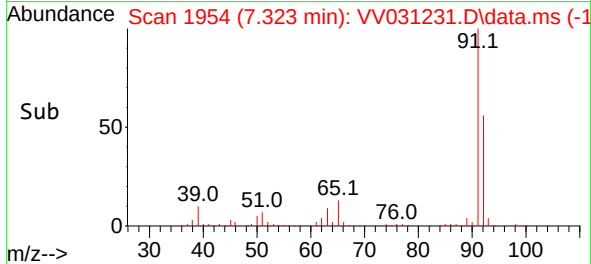
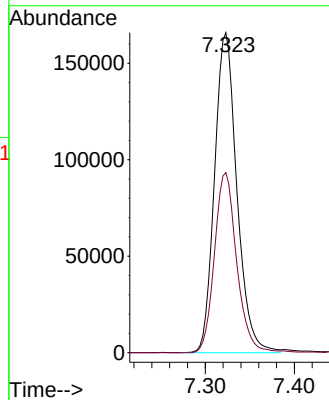
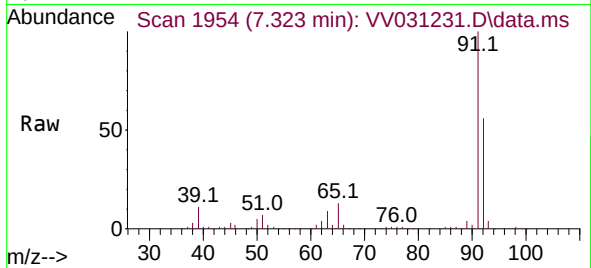
ClientSampleId :

Tgt Ion: 91 Resp: 288942

Ion Ratio Lower Upper

91 100

92 56.3 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 5.726 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. 0.000 min

Lab File: VV031231.D

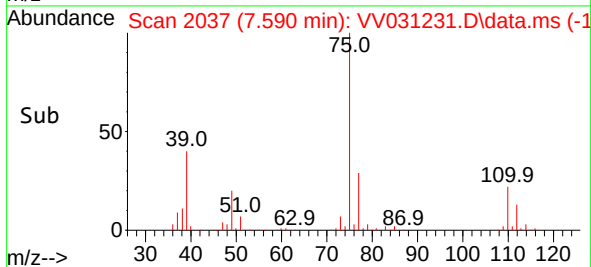
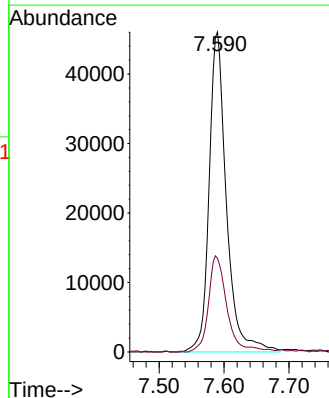
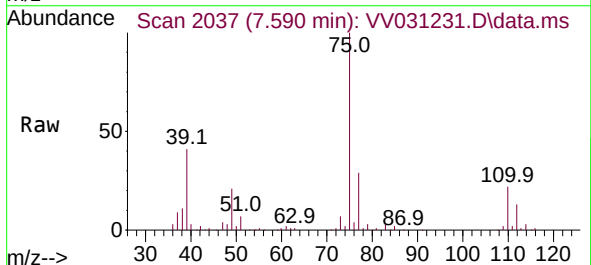
Acq: 25 May 2023 13:33

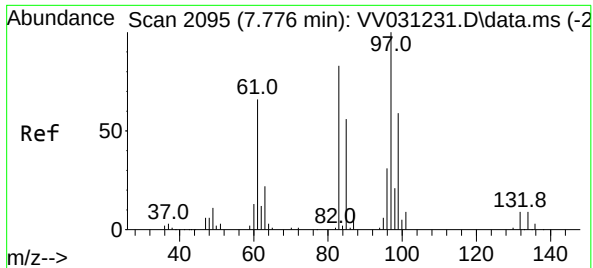
Tgt Ion: 75 Resp: 85146

Ion Ratio Lower Upper

75 100

77 29.2 20.4 38.0

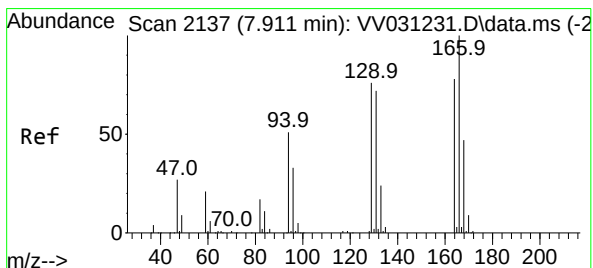
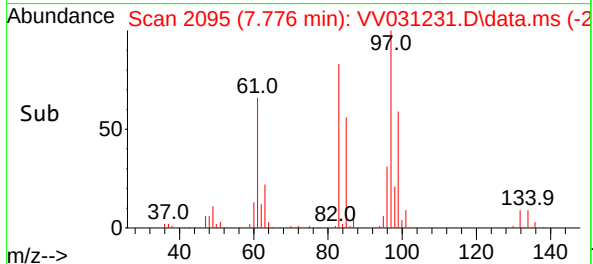
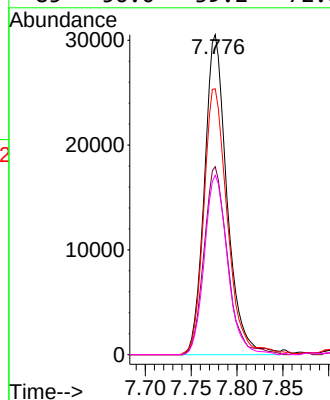
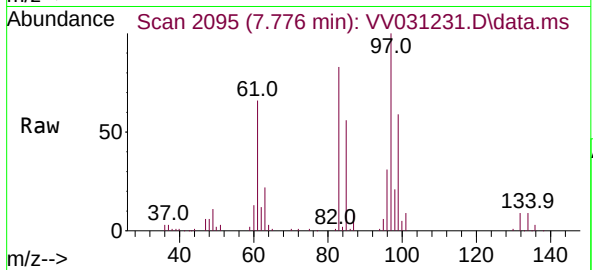




#45
1,1,2-Trichloroethane
Concen: 5.997 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

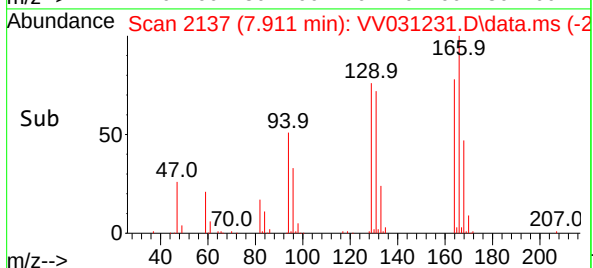
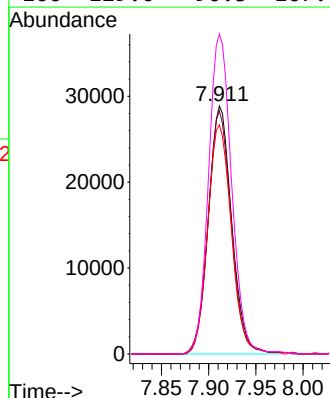
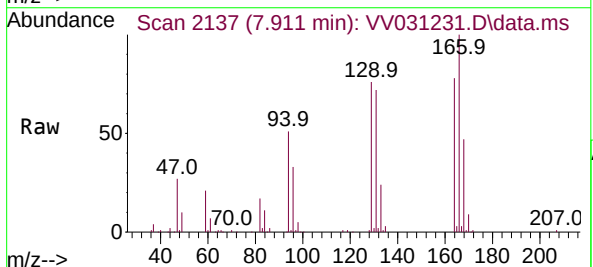
Instrument :
MSVOA_V
ClientSampleId :

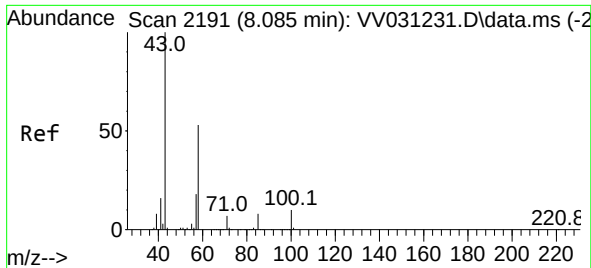
Tgt Ion: 97	Resp: 52449
Ion Ratio	Lower Upper
97 100	
99 58.8	41.2 76.4
83 83.1	58.2 108.0
85 56.0	39.2 72.8



#47
Tetrachloroethene
Concen: 5.177 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt	Ion:164	Resp:	49775
Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.7	127.5
131	92.4	64.7	120.1
166	129.0	90.3	167.7

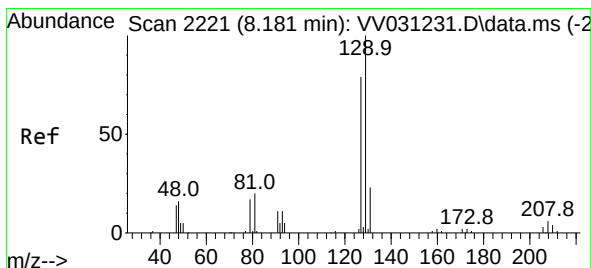
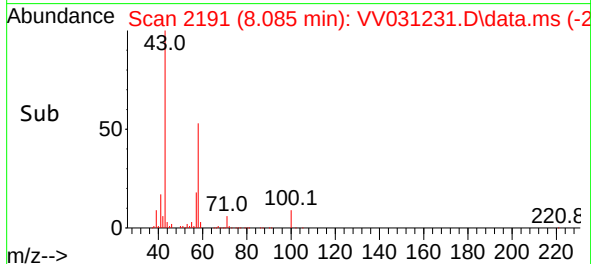
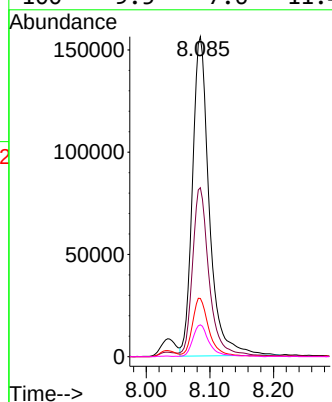
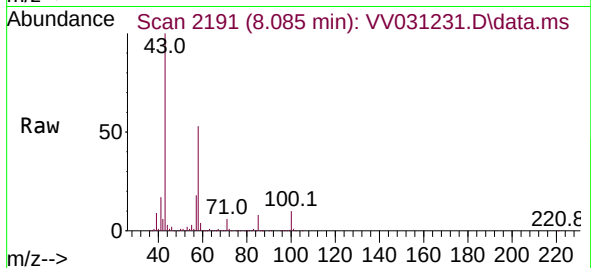




#48
2-Hexanone
Concen: 55.000 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

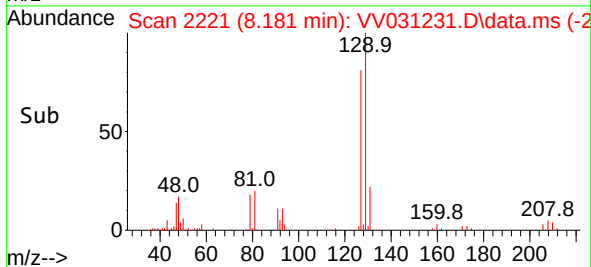
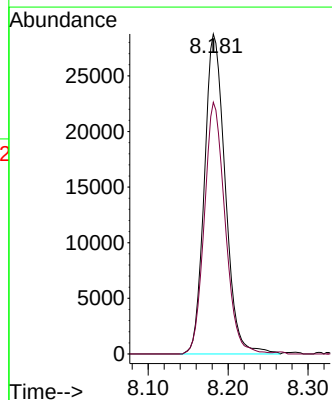
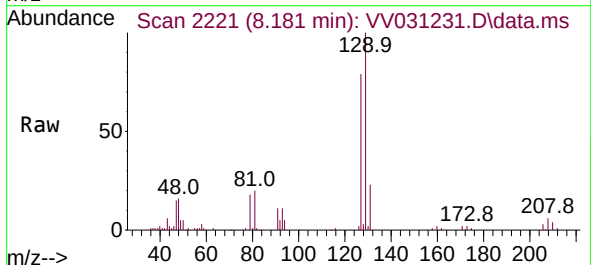
Instrument :
MSVOA_V
ClientSampleId :

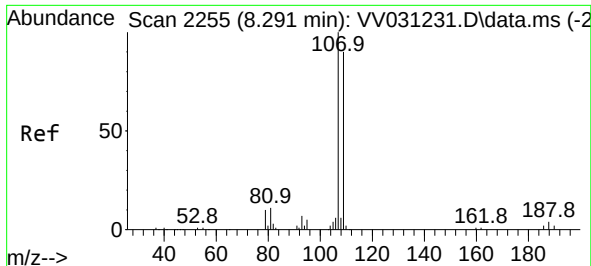
Tgt Ion: 43 Resp: 287276
Ion Ratio Lower Upper
43 100
58 51.7 41.4 62.0
57 17.6 14.1 21.1
100 9.5 7.6 11.4



#49
Dibromochloromethane
Concen: 4.965 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 129 Resp: 52182
Ion Ratio Lower Upper
129 100
127 78.6 55.0 102.2





#50

1,2-Dibromoethane

Concen: 5.190 ug/L

RT: 8.291 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV031231.D

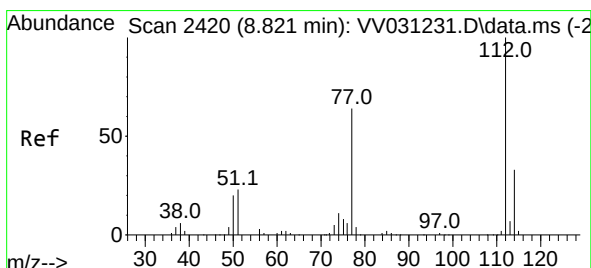
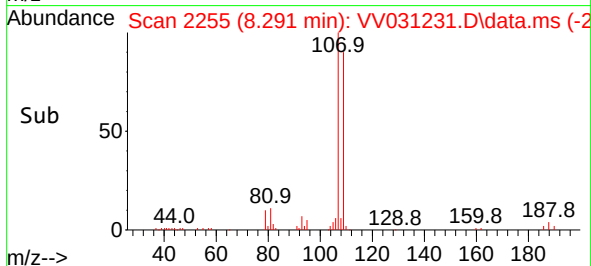
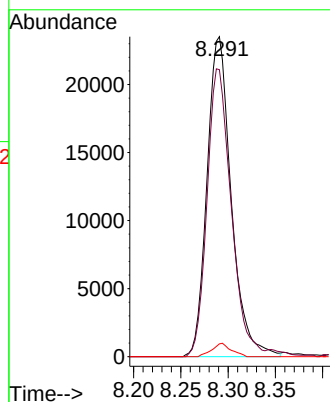
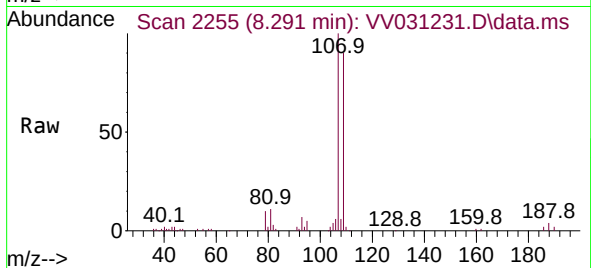
Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	41910
Ion	Ratio	Lower	Upper
107	100		
109	89.7	62.8	116.6
188	4.0	3.2	4.8



#51

Chlorobenzene

Concen: 5.169 ug/L

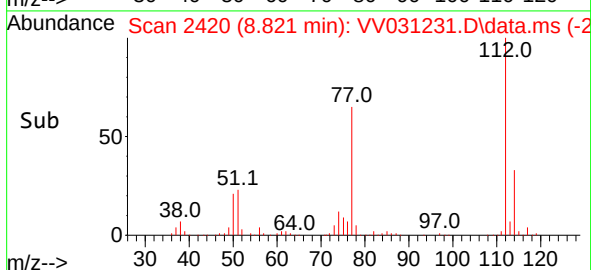
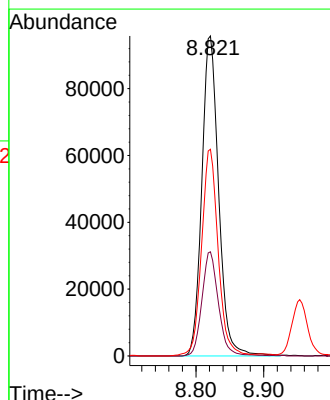
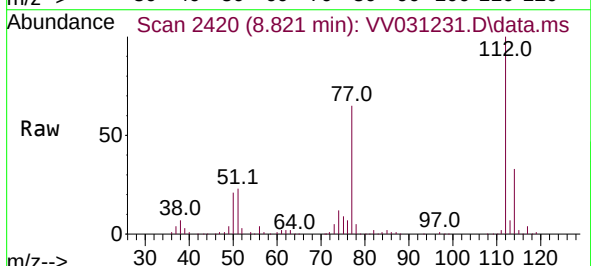
RT: 8.821 min Scan# 2420

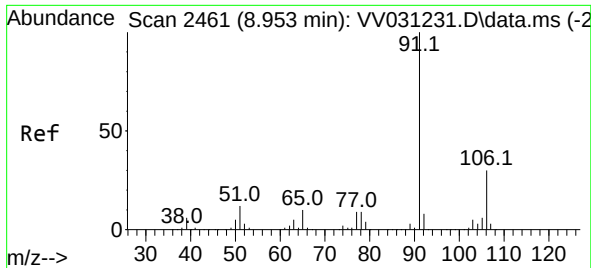
Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Tgt Ion:	112	Resp:	164926
Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.8	42.4
77	64.6	51.7	77.5

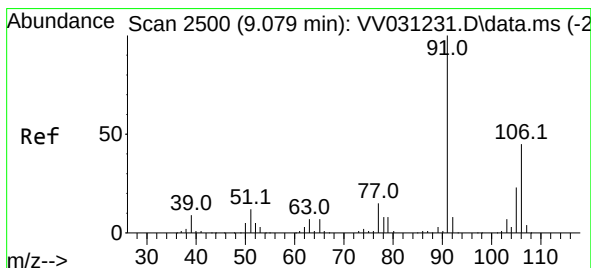
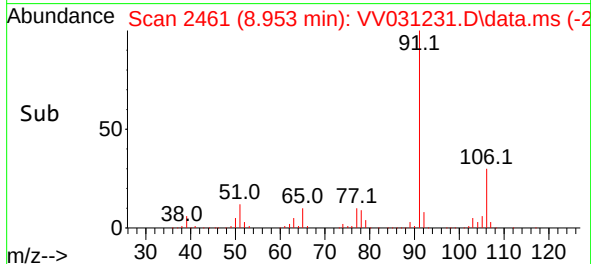
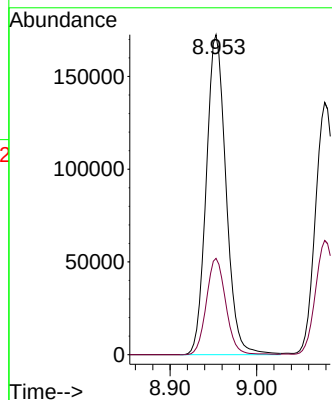
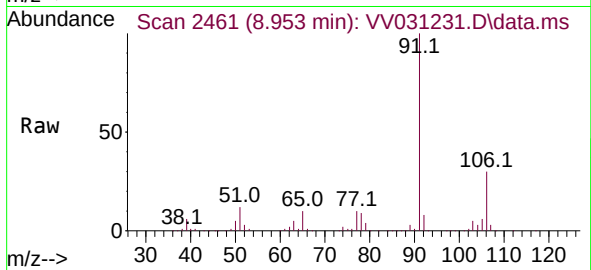




#52
Ethylbenzene
Concen: 5.116 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

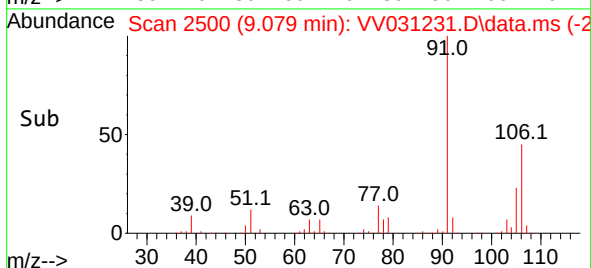
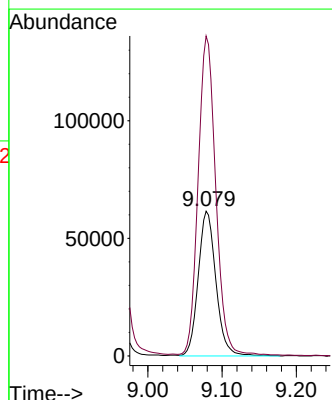
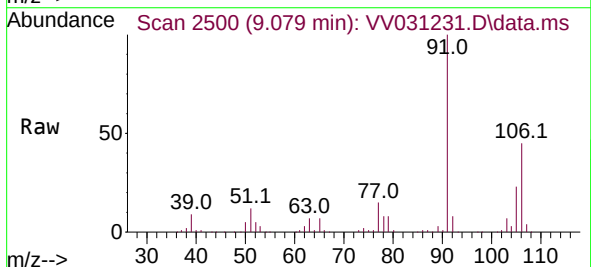
Instrument :
MSVOA_V
ClientSampleId :

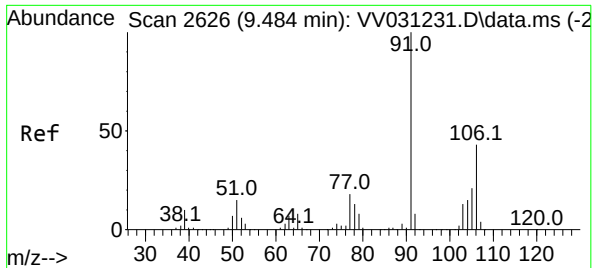
Tgt Ion: 91 Resp: 273633
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#53
m,p-Xylene
Concen: 5.180 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 106 Resp: 102370
Ion Ratio Lower Upper
106 100
91 221.0 154.7 287.3

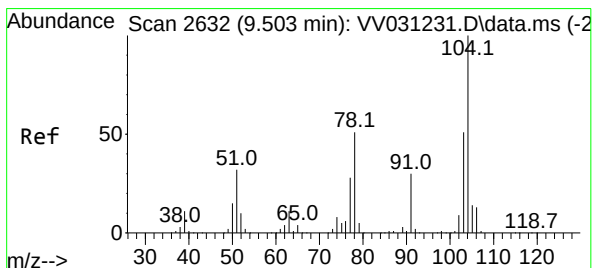
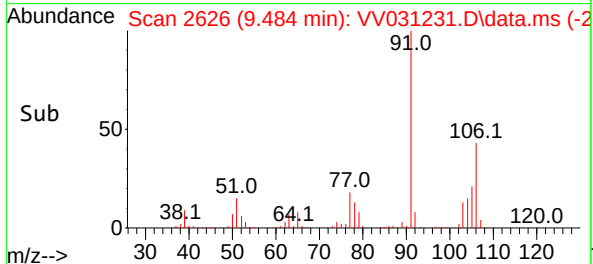
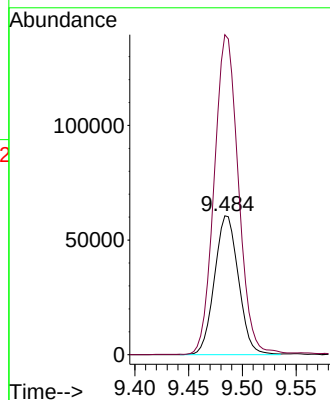
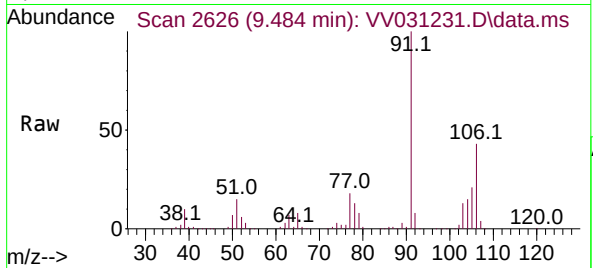




#54
o-Xylene
Concen: 4.998 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

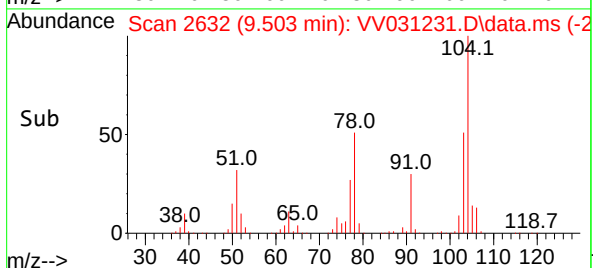
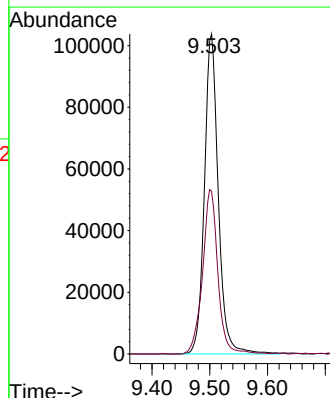
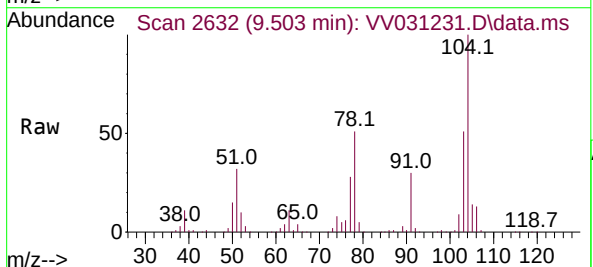
Instrument :
MSVOA_V
ClientSampleId :

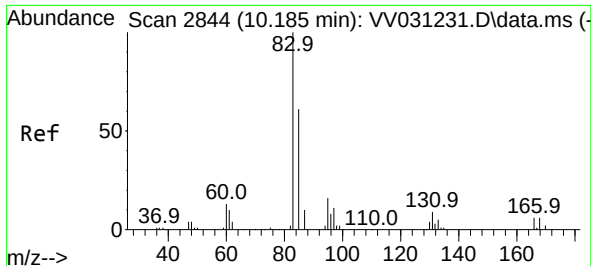
Tgt Ion:106 Resp: 94050
Ion Ratio Lower Upper
106 100
91 230.5 161.3 299.7



#55
Styrene
Concen: 5.223 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion:104 Resp: 173306
Ion Ratio Lower Upper
104 100
78 50.8 35.6 66.0

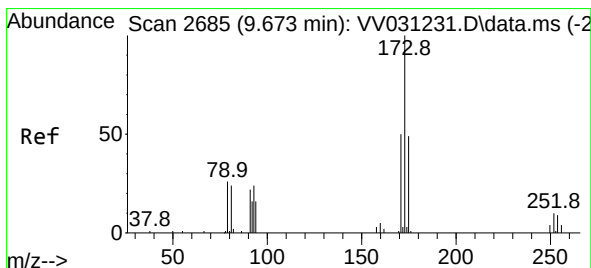
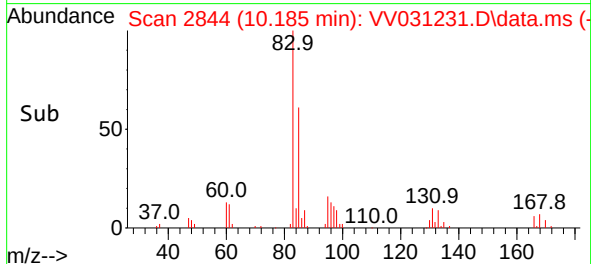
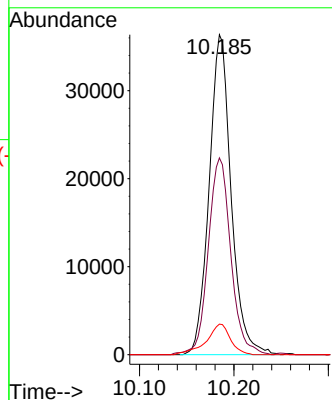
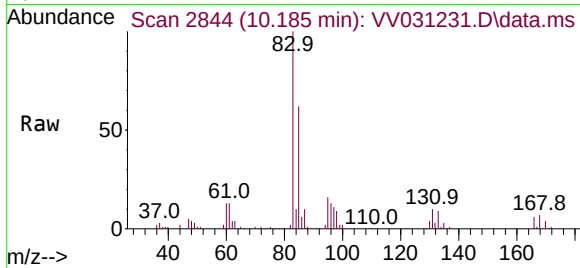




#57
1,1,2,2-Tetrachloroethane
Concen: 5.323 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

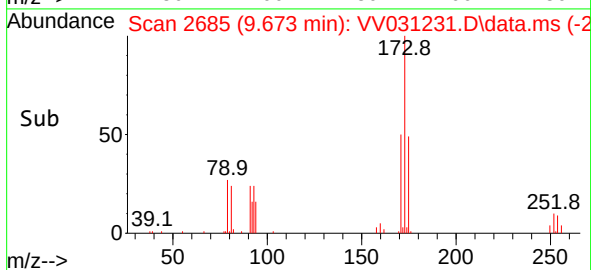
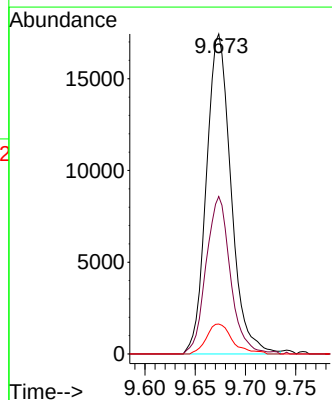
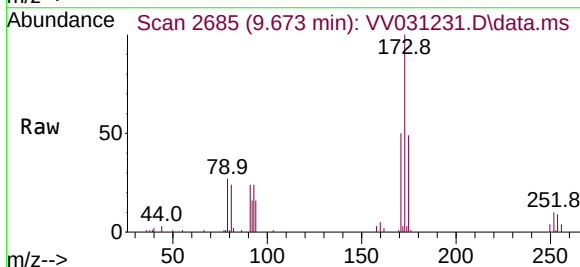
Instrument :
MSVOA_V
ClientSampleId :

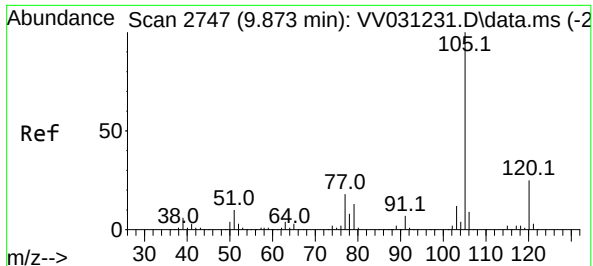
Tgt Ion: 83 Resp: 58773
Ion Ratio Lower Upper
83 100
85 61.5 43.0 80.0
131 9.5 7.6 11.4



#59
Bromoform
Concen: 5.035 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

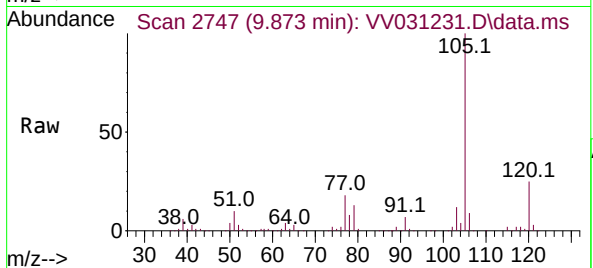
Tgt Ion: 173 Resp: 29735
Ion Ratio Lower Upper
173 100
175 48.7 39.0 58.4
254 9.9 7.9 11.9



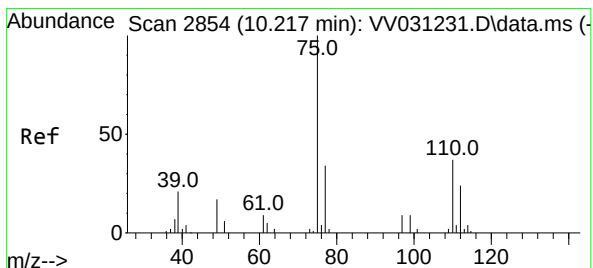
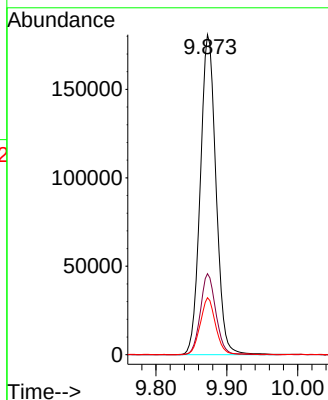
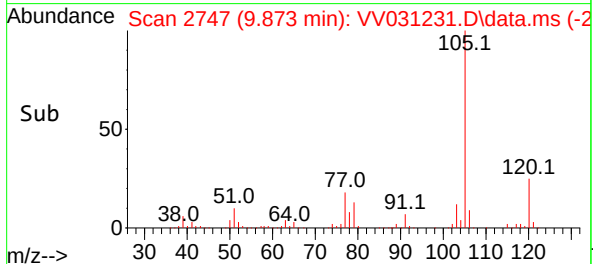


#60
Isopropylbenzene
Concen: 5.231 ug/L
RT: 9.873 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

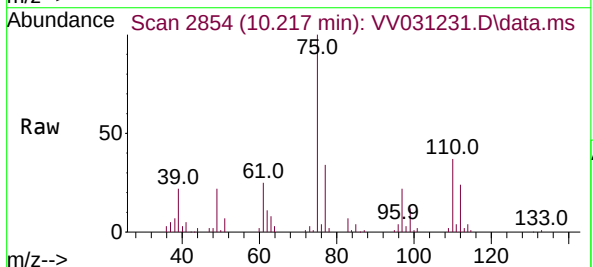
Instrument :
MSVOA_V
ClientSampleId :



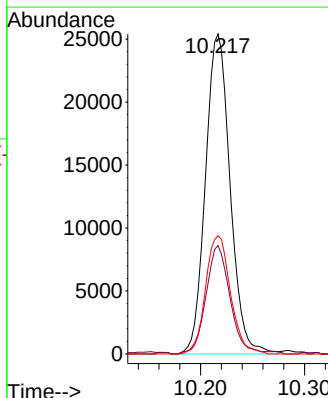
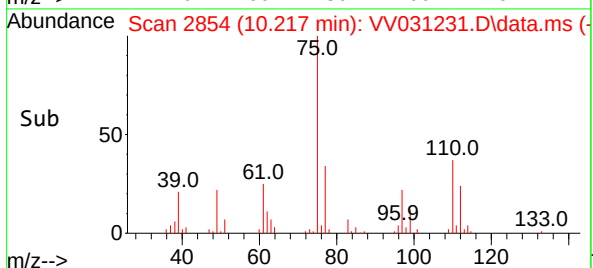
Tgt Ion:105 Resp: 278208
Ion Ratio Lower Upper
105 100
120 24.9 19.9 29.9
77 17.4 13.9 20.9

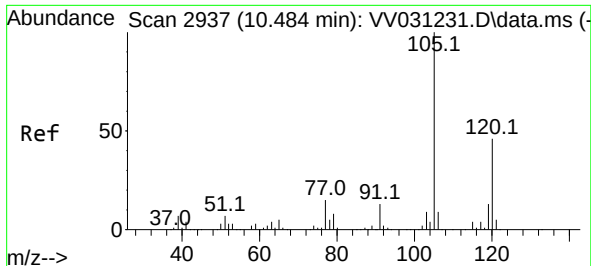


#61
1,2,3-Trichloropropane
Concen: 5.256 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33



Tgt Ion: 75 Resp: 41901
Ion Ratio Lower Upper
75 100
77 33.3 26.6 40.0
110 37.3 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 4.993 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

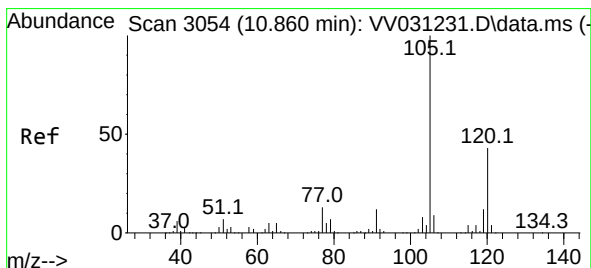
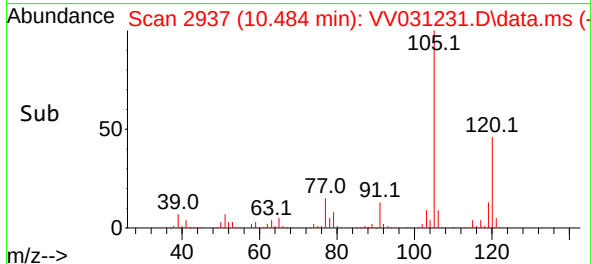
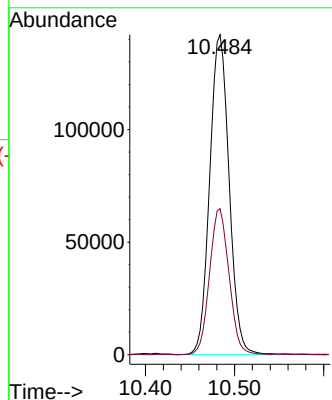
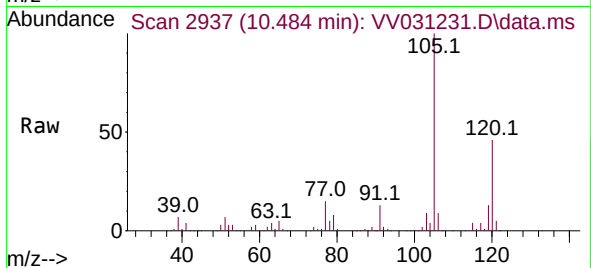
ClientSampleId :

Tgt Ion:105 Resp: 215296

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0



#63

1,2,4-Trimethylbenzene

Concen: 5.126 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.000 min

Lab File: VV031231.D

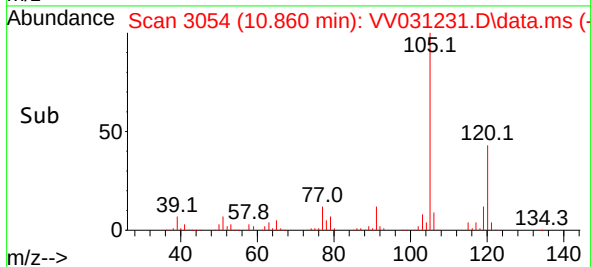
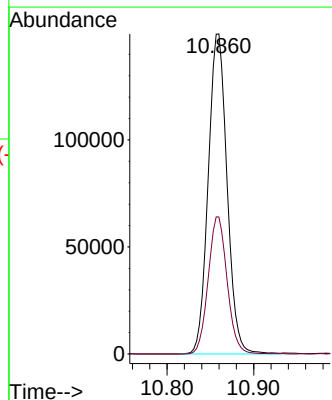
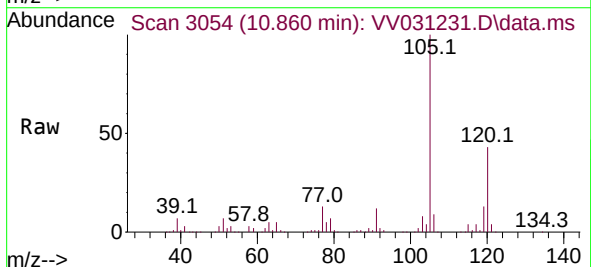
Acq: 25 May 2023 13:33

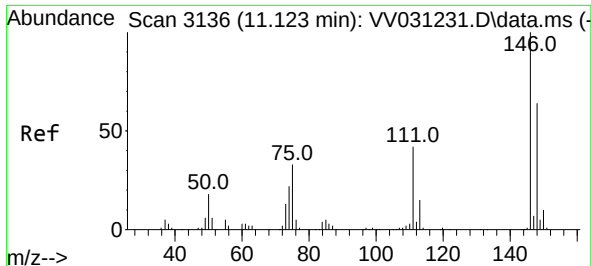
Tgt Ion:105 Resp: 226308

Ion Ratio Lower Upper

105 100

120 43.0 34.4 51.6

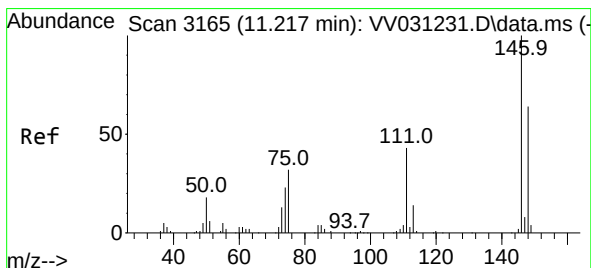
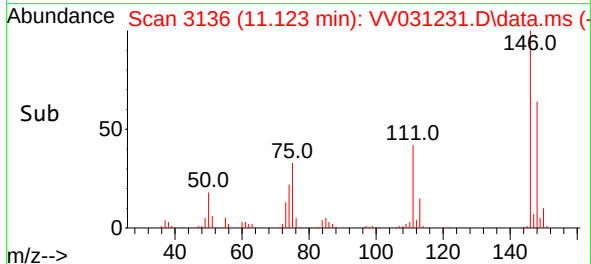
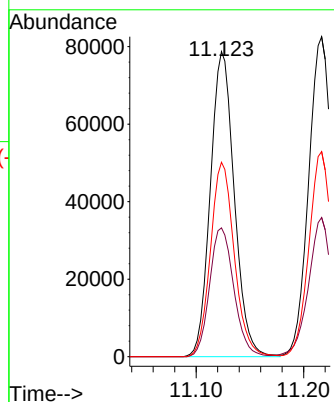
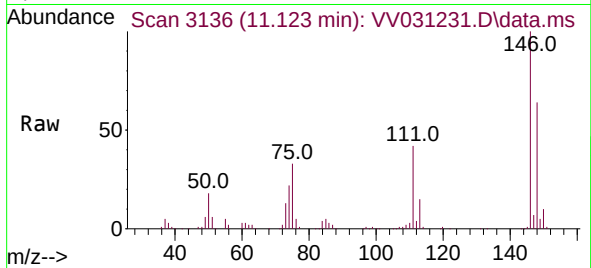




#64
1,3-Dichlorobenzene
Concen: 4.837 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

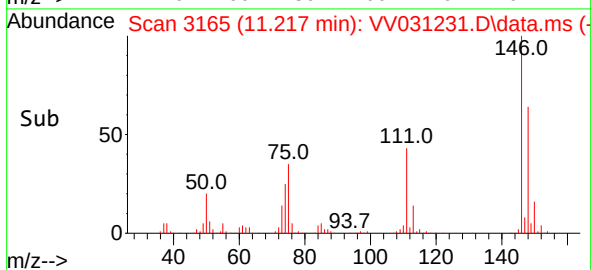
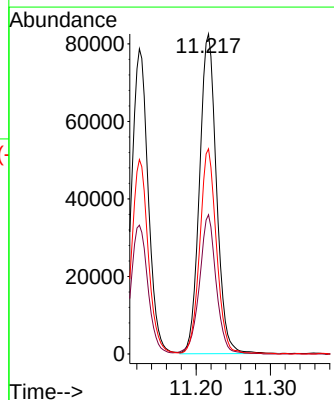
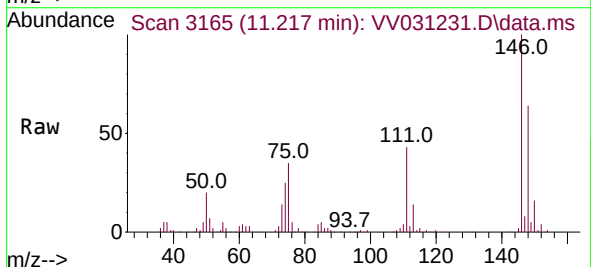
Instrument :
MSVOA_V
ClientSampleId :

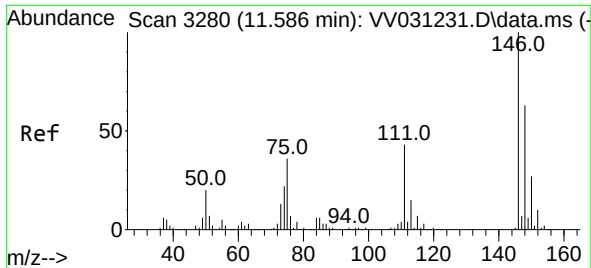
Tgt Ion:146 Resp: 121791
Ion Ratio Lower Upper
146 100
111 42.2 29.5 54.9
148 63.7 44.6 82.8



#65
1,4-Dichlorobenzene
Concen: 5.091 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion:146 Resp: 131164
Ion Ratio Lower Upper
146 100
111 43.5 30.4 56.5
148 64.1 44.9 83.3

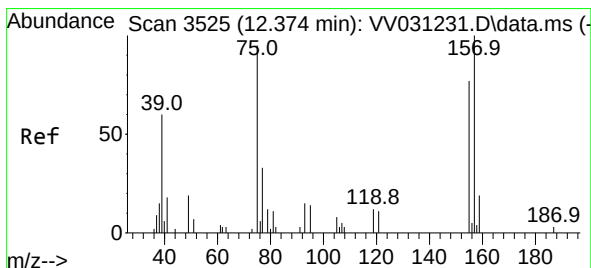
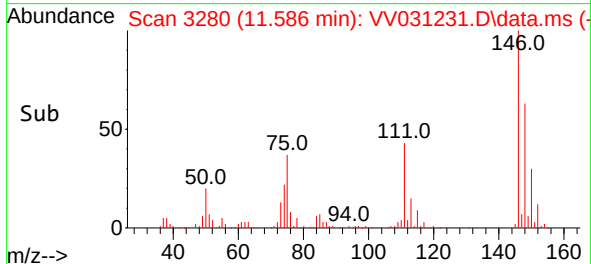
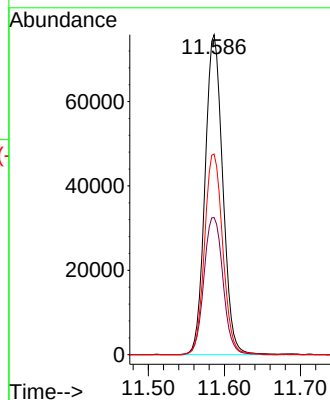
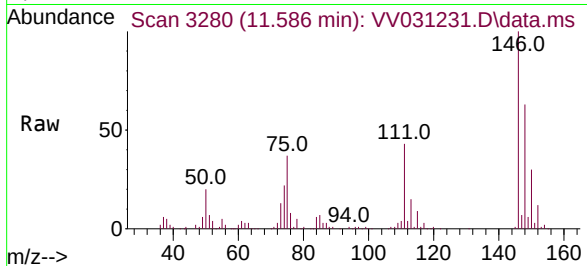




#67
1,2-Dichlorobenzene
Concen: 5.083 ug/L
RT: 11.586 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

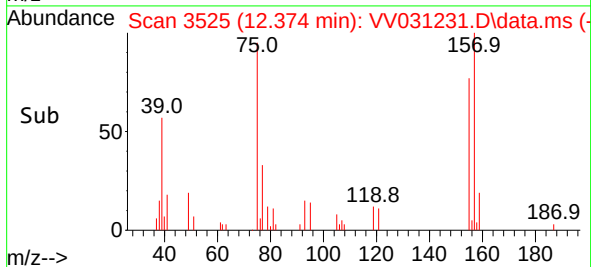
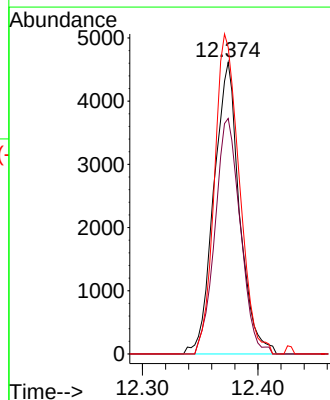
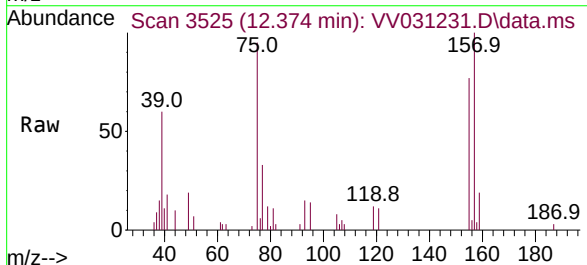
Instrument :
MSVOA_V
ClientSampleId :

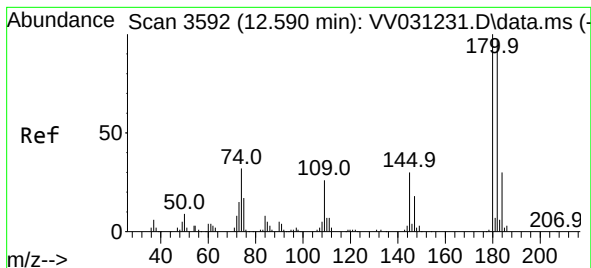
Tgt Ion:146 Resp: 122666
Ion Ratio Lower Upper
146 100
111 42.9 34.3 51.5
148 62.7 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.234 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.000 min
Lab File: VV031231.D
Acq: 25 May 2023 13:33

Tgt Ion: 75 Resp: 7114
Ion Ratio Lower Upper
75 100
155 80.7 64.6 96.8
157 105.1 84.1 126.1





#69

1,3,5-Trichlorobenzene

Concen: 4.421 ug/L

RT: 12.590 min Scan# 3592

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 90400

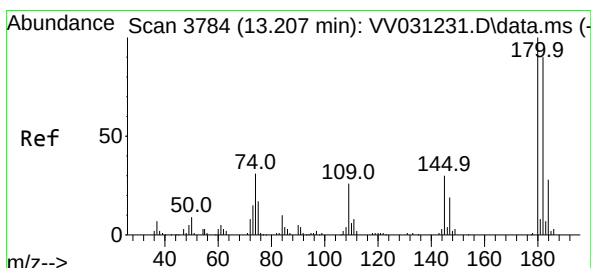
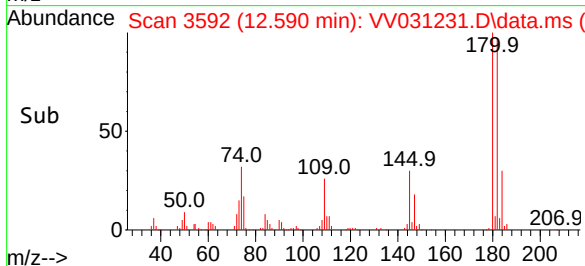
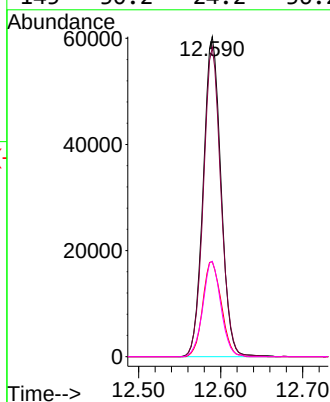
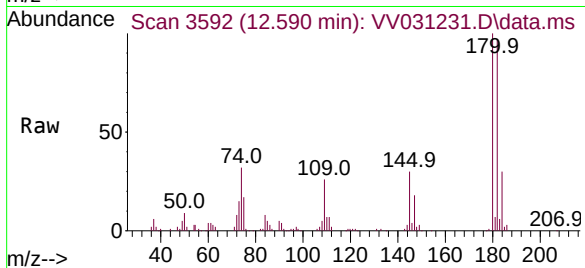
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

184 31.1 24.9 37.3

145 30.2 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.826 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

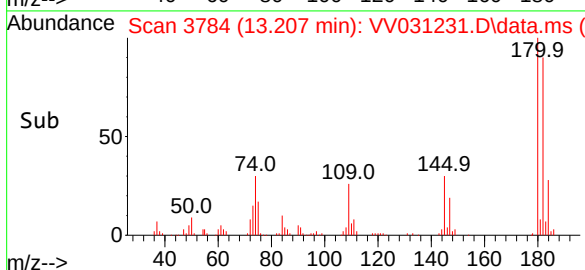
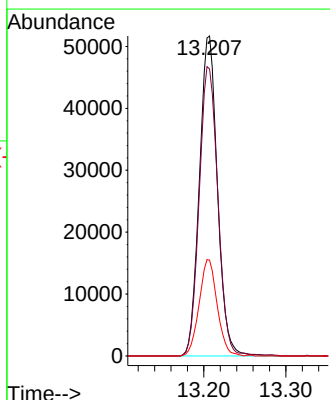
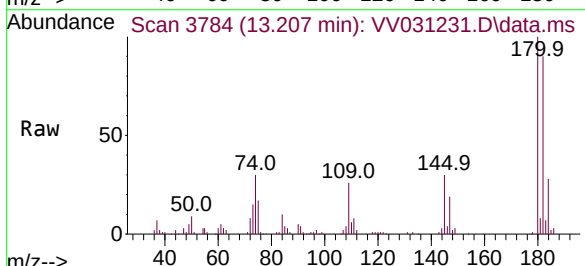
Tgt Ion:180 Resp: 78877

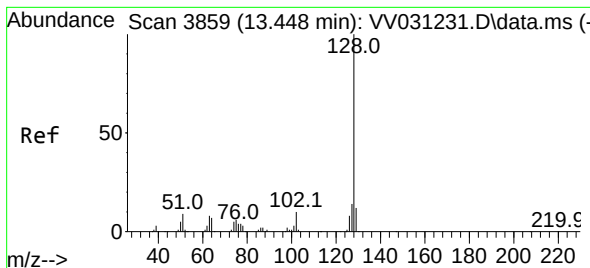
Ion Ratio Lower Upper

180 100

182 93.5 74.8 112.2

145 30.1 24.1 36.1





#71

Naphthalene

Concen: 4.019 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Instrument :

MSVOA_V

ClientSampleId :

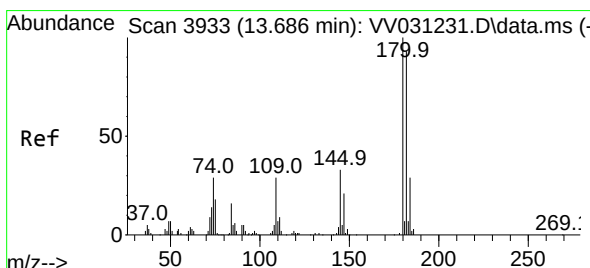
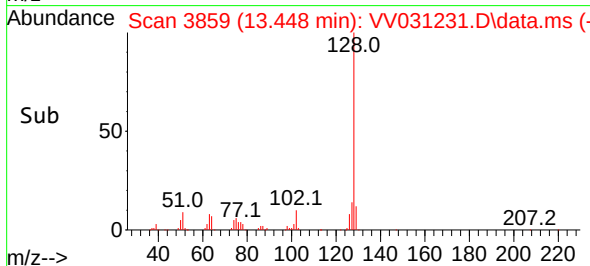
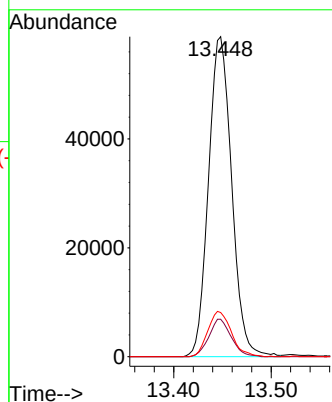
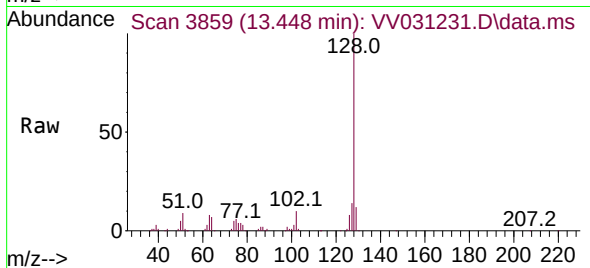
Tgt Ion:128 Resp: 97219

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

127 14.4 11.5 17.3



#72

1,2,3-Trichlorobenzene

Concen: 5.002 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.000 min

Lab File: VV031231.D

Acq: 25 May 2023 13:33

Tgt Ion:180 Resp: 70319

Ion Ratio Lower Upper

180 100

182 97.0 77.6 116.4

145 33.6 26.9 40.3

