

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051623\
 Data File : VW031062.D
 Acq On : 16 May 2023 18:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 17 01:46:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	137046	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	132016	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	79125	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	39462	3.495	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.539	69	38624	4.193	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.063	65	21160	3.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	3.822	46	107686	53.782	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.560%
24) Chloroform-d	4.262	84	98911	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	4.950	65	52706	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	4.969	84	167595	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	5.995	67	49612	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.249	98	158554	4.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.000%
43) trans-1,3-Dichloroprop...	7.561	79	17506	4.150	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.034	63	81707	55.290	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.580%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	41735	5.117	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.567	152	63149	4.281	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	42254	3.903	ug/L	100
3) Chloromethane	1.217	50	47702	3.754	ug/L	99
5) Vinyl chloride	1.285	62	43488	4.090	ug/L	98
6) Bromomethane	1.494	94	19830	3.915	ug/L	99
8) Chloroethane	1.555	64	27412	4.235	ug/L	98
9) Trichlorofluoromethane	1.719	101	86022	4.385	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	43203	4.314	ug/L	98
12) 1,1-Dichloroethene	2.076	96	37509	4.067	ug/L	88
13) Acetone	2.143	43	68004	39.761	ug/L	80
14) Carbon disulfide	2.246	76	77882	3.227	ug/L	99
15) Methyl Acetate	2.394	43	14375	4.131	ug/L #	87
16) Methylene chloride	2.455	84	42014	4.027	ug/L	94
17) Methyl tert-butyl Ether	2.715	73	82509	4.699	ug/L	98
18) trans-1,2-Dichloroethene	2.703	96	33218	3.943	ug/L	96
19) 1,1-Dichloroethane	3.121	63	72294	4.444	ug/L	99
21) 2-Butanone	3.899	43	84861	45.115	ug/L	85
22) cis-1,2-Dichloroethene	3.828	96	39146	4.404	ug/L	96
23) Bromochloromethane	4.159	128	18937	4.525	ug/L	98
25) Chloroform	4.288	83	83107	4.762	ug/L	99

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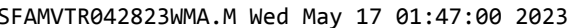
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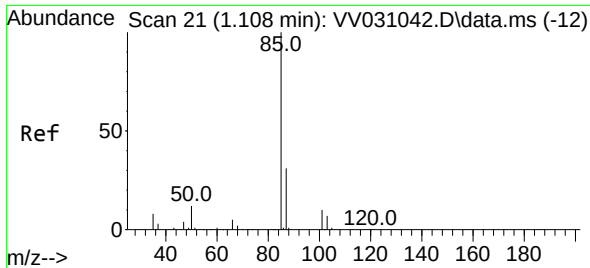
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 17 01:41:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	54086	4.938	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	77027	4.643	ug/L	99
30) Cyclohexane	4.587	56	47139	3.762	ug/L	97
31) Carbon tetrachloride	4.744	117	70300	4.718	ug/L	97
33) Benzene	5.021	78	152966	4.606	ug/L	100
34) Trichloroethene	5.844	95	39356	4.446	ug/L	98
35) Methylcyclohexane	6.059	83	52907	3.857	ug/L	98
37) 1,2-Dichloropropane	6.101	63	38423	4.878	ug/L #	95
38) Bromodichloromethane	6.442	83	56142	4.870	ug/L	96
39) cis-1,3-Dichloropropene	6.963	75	50704	4.298	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	232030	56.855	ug/L	99
42) Toluene	7.323	91	165613	4.632	ug/L	97
44) trans-1,3-Dichloropropene	7.590	75	45477	4.524	ug/L	89
45) 1,1,2-Trichloroethane	7.776	97	29697	5.081	ug/L	99
47) Tetrachloroethene	7.911	164	36726	4.349	ug/L	98
48) 2-Hexanone	8.085	43	179087	57.214	ug/L	99
49) Dibromochloromethane	8.181	129	38709	5.265	ug/L	94
50) 1,2-Dibromoethane	8.288	107	26412	5.067	ug/L #	99
51) Chlorobenzene	8.821	112	111864	4.615	ug/L	97
52) Ethylbenzene	8.953	91	170702	4.379	ug/L	96
53) m,p-Xylene	9.079	106	69334	4.457	ug/L	99
54) o-Xylene	9.484	106	65094	4.397	ug/L	98
55) Styrene	9.503	104	113903	4.560	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	35448	5.426	ug/L	99
59) Bromoform	9.673	173	23567	5.060	ug/L	99
60) Isopropylbenzene	9.873	105	183237	4.295	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	24191	4.867	ug/L	97
62) 1,3,5-Trimethylbenzene	10.484	105	144078	4.149	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	144812	4.115	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	99946	4.562	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	96148	4.350	ug/L	97
67) 1,2-Dichlorobenzene	11.587	146	89270	4.531	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.374	75	5658	4.485	ug/L	89
69) 1,3,5-Trichlorobenzene	12.590	180	73481	4.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	57814	4.337	ug/L	99
71) Naphthalene	13.448	128	79145	4.140	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	50168	4.446	ug/L	99

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

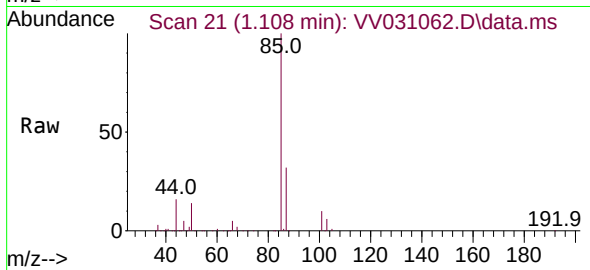
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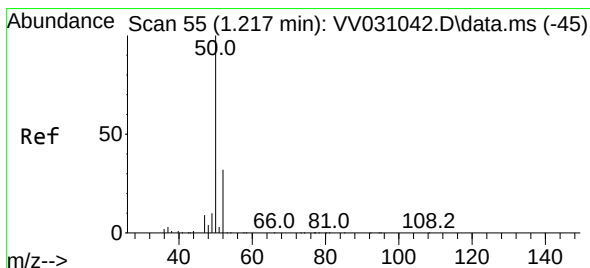
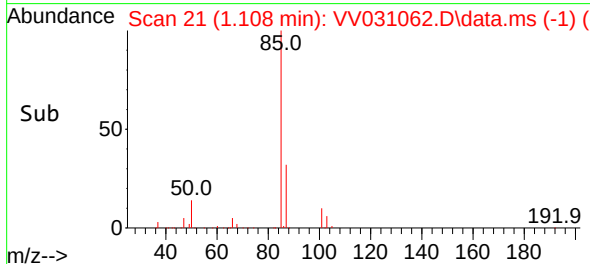
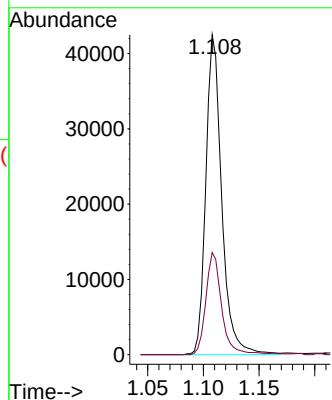


#2
 Dichlorodifluoromethane
 Concen: 3.903 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

Instrument :
 MSVOA_V
 ClientSampleId :

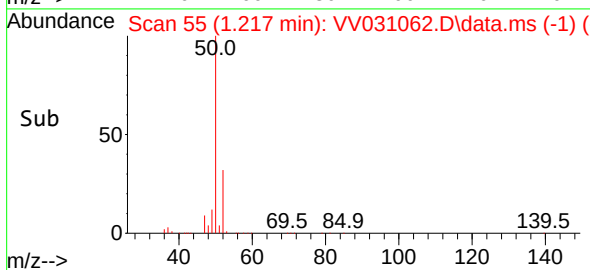
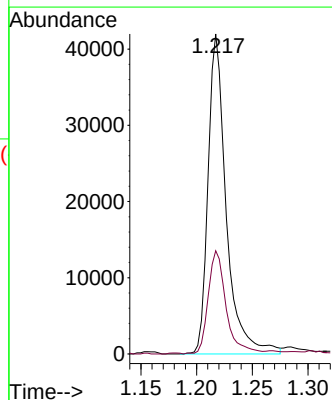
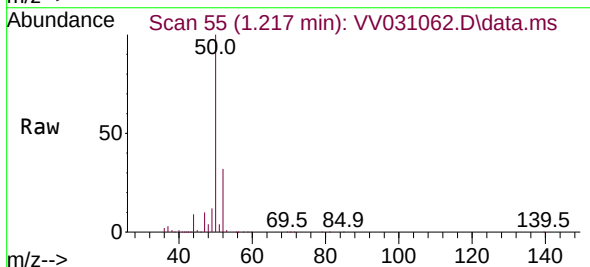


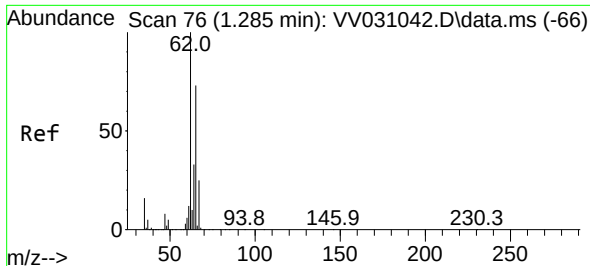
Tgt Ion: 85 Resp: 42254
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 3.754 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

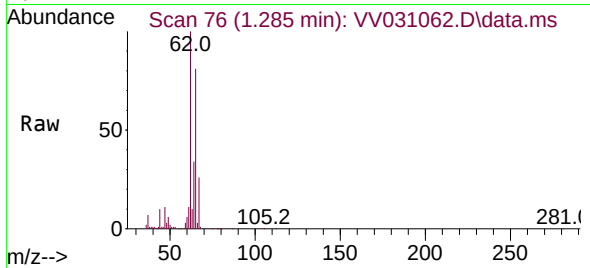
Tgt Ion: 50 Resp: 47702
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.8 42.4



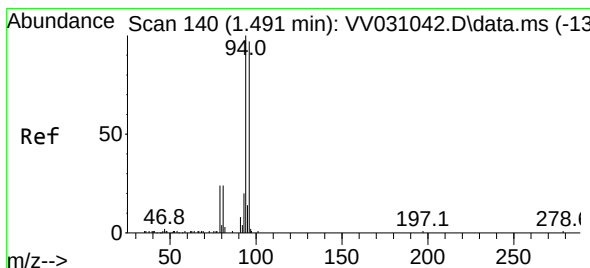
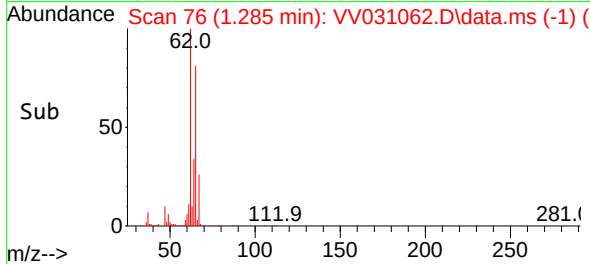
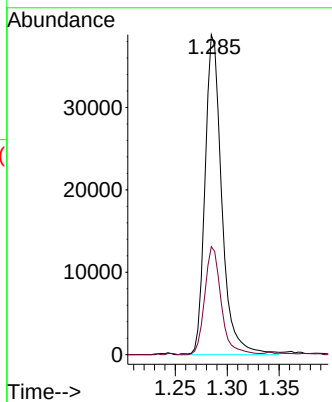


#5
 Vinyl chloride
 Concen: 4.090 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

Instrument :
 MSVOA_V
 ClientSampleId :

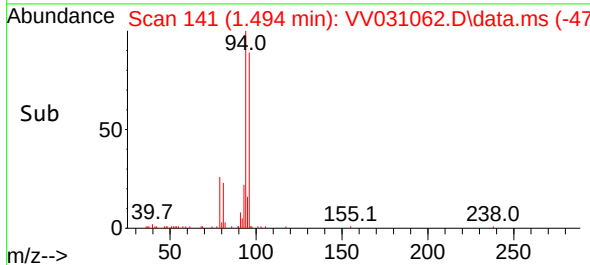
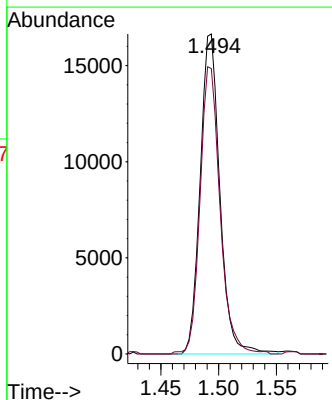
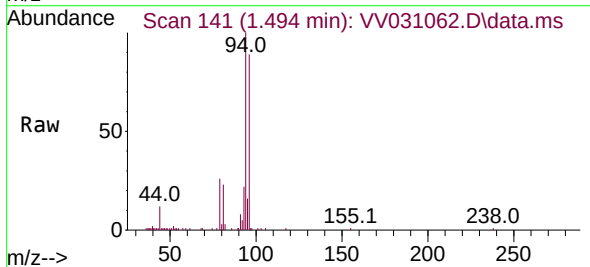


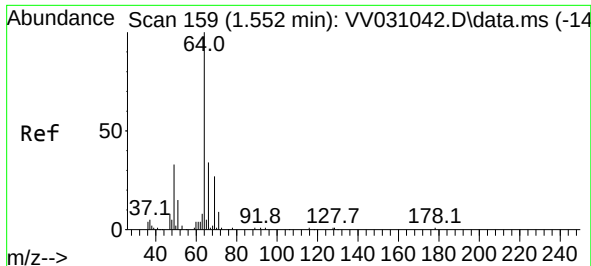
Tgt Ion: 62 Resp: 43488
 Ion Ratio Lower Upper
 62 100
 64 33.8 22.8 42.4



#6
 Bromomethane
 Concen: 3.915 ug/L
 RT: 1.494 min Scan# 141
 Delta R.T. 0.003 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

Tgt Ion: 94 Resp: 19830
 Ion Ratio Lower Upper
 94 100
 96 89.2 63.4 117.8

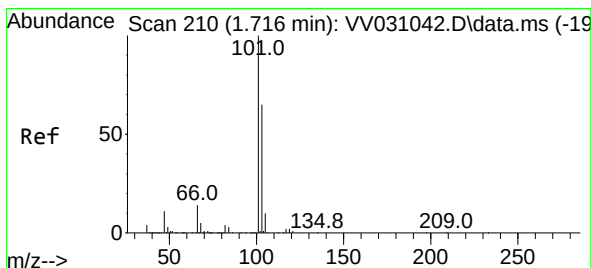
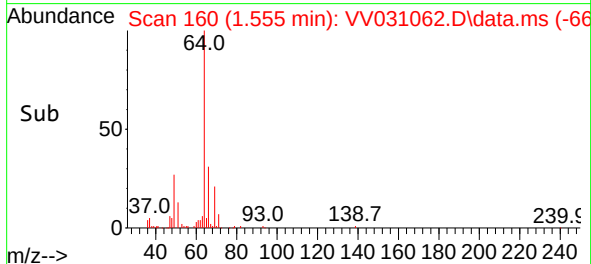
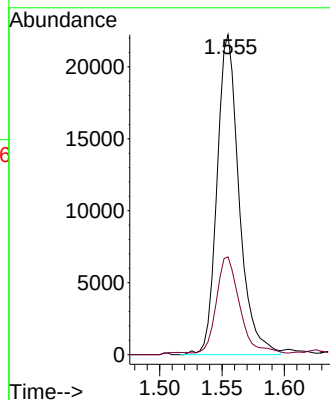
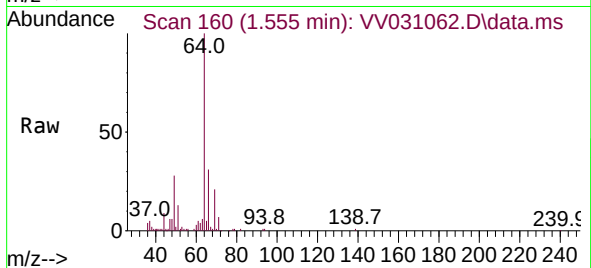




#8
Chloroethane
Concen: 4.235 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

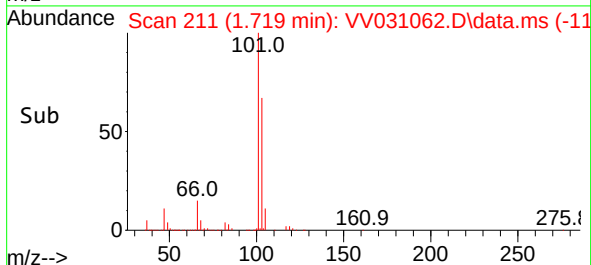
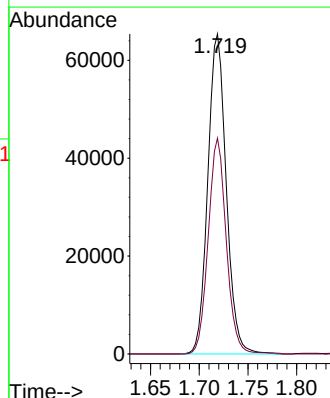
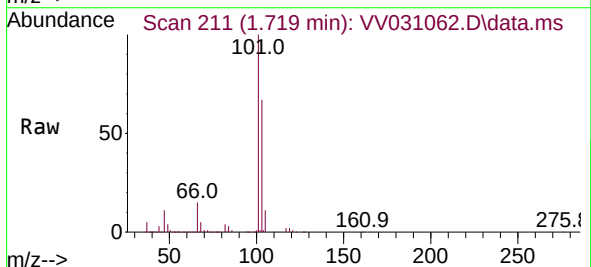
Instrument :
MSVOA_V
ClientSampleId :

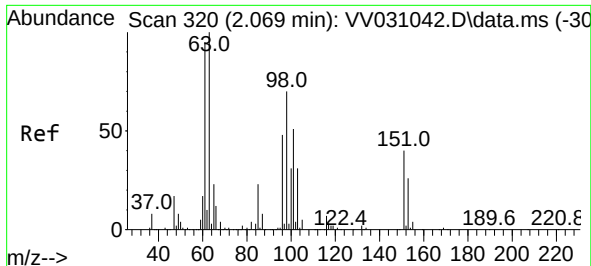
Tgt Ion: 64 Resp: 27412
Ion Ratio Lower Upper
64 100
66 30.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.385 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion:101 Resp: 86022
Ion Ratio Lower Upper
101 100
103 66.1 51.8 77.8

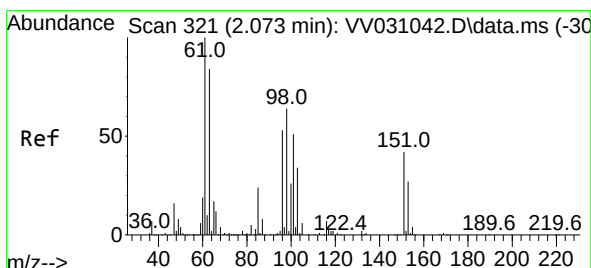
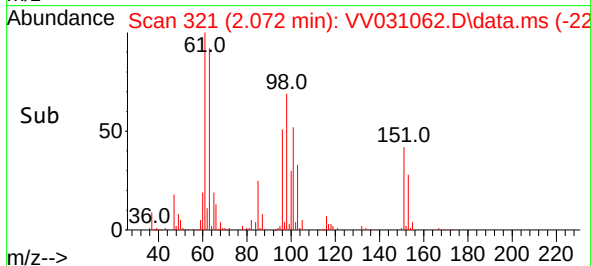
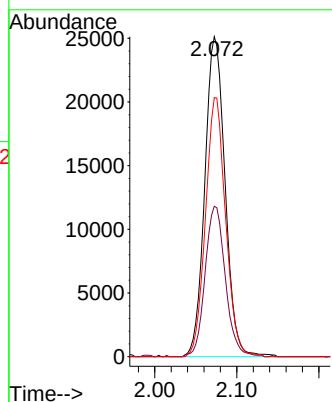
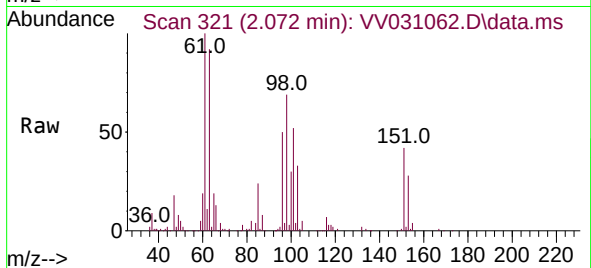




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.314 ug/L
RT: 2.072 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

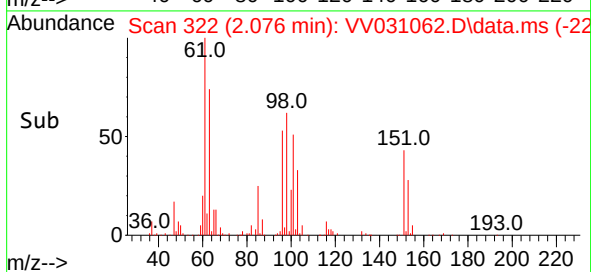
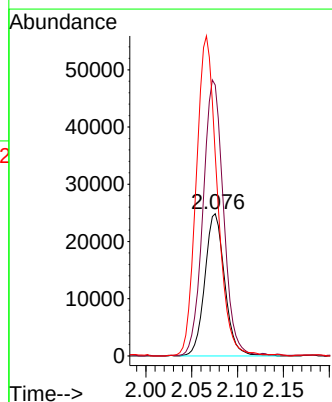
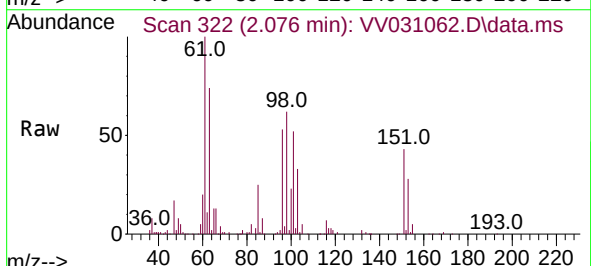
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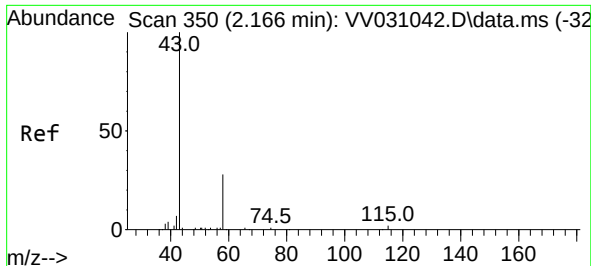
Tgt Ion:101 Resp: 43203
Ion Ratio Lower Upper
101 100
85 46.9 38.7 58.1
151 80.3 65.1 97.7



#12
1,1-Dichloroethene
Concen: 4.067 ug/L
RT: 2.076 min Scan# 322
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 96 Resp: 37509
Ion Ratio Lower Upper
96 100
61 190.4 135.6 251.8
63 141.4 121.1 224.9





#13

Acetone

Concen: 39.761 ug/L

RT: 2.143 min Scan# 34

Delta R.T. -0.023 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

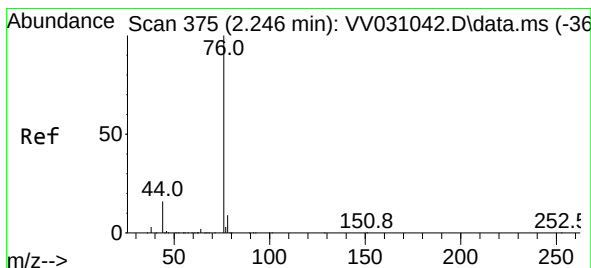
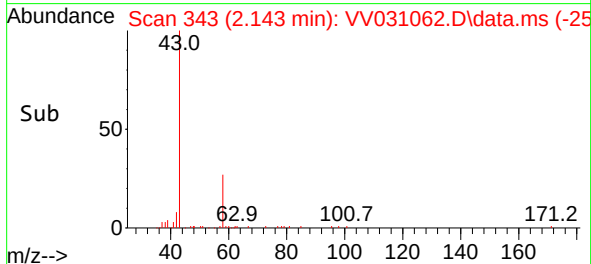
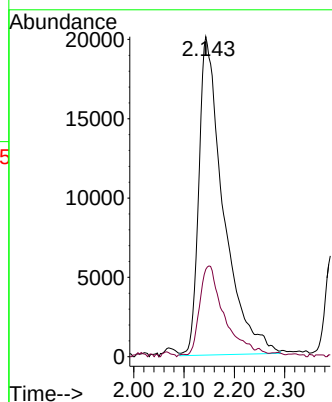
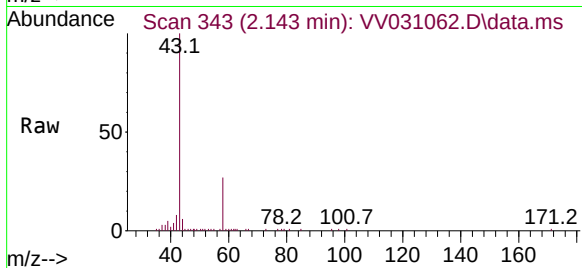
ClientSampleId :

Tgt Ion: 43 Resp: 68004

Ion Ratio Lower Upper

43 100

58 27.3 0.0 37.0



#14

Carbon disulfide

Concen: 3.227 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV031062.D

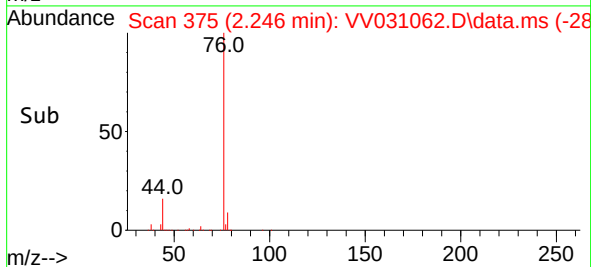
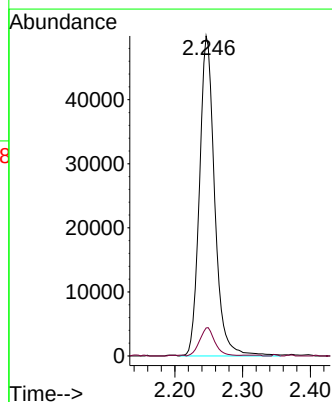
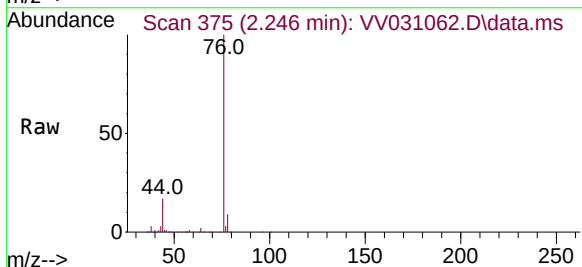
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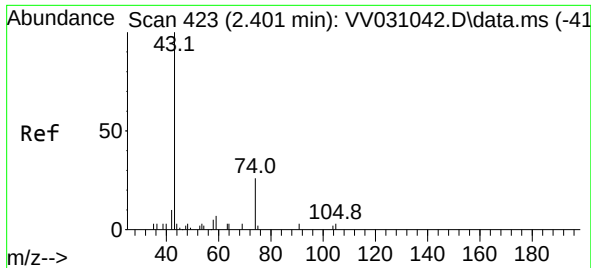
Tgt Ion: 76 Resp: 77882

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2

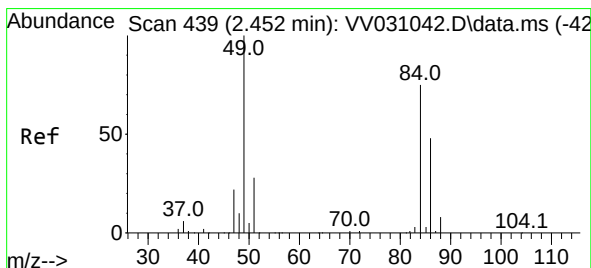
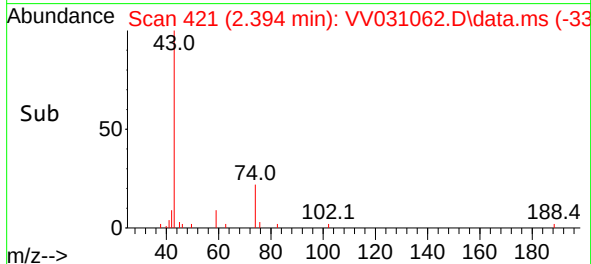
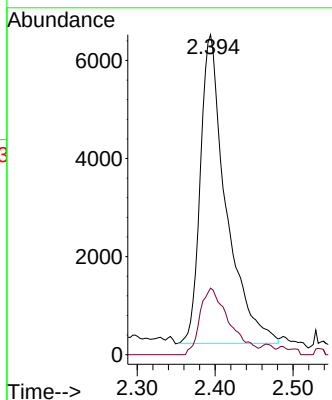
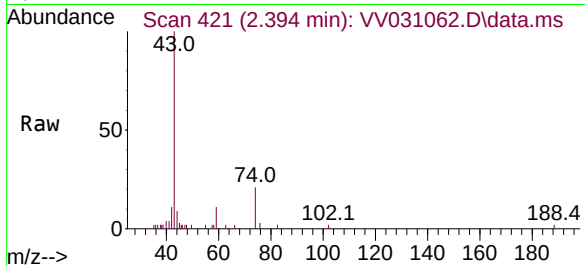




#15
Methyl Acetate
Concen: 4.131 ug/L
RT: 2.394 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

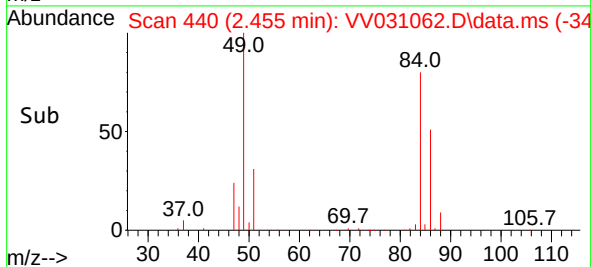
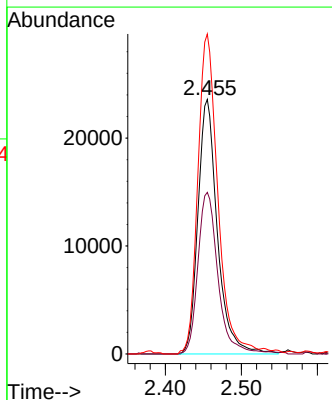
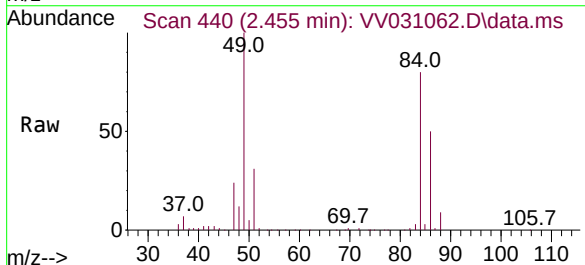
Instrument :
MSVOA_V
ClientSampleId :

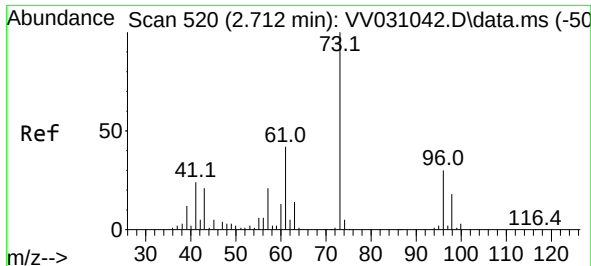
Tgt Ion: 43 Resp: 14375
Ion Ratio Lower Upper
43 100
74 24.5 15.0 22.6#



#16
Methylene chloride
Concen: 4.027 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 84 Resp: 42014
Ion Ratio Lower Upper
84 100
86 63.5 46.1 85.5
49 125.7 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 4.699 ug/L

RT: 2.715 min Scan# 51

Delta R.T. 0.003 min

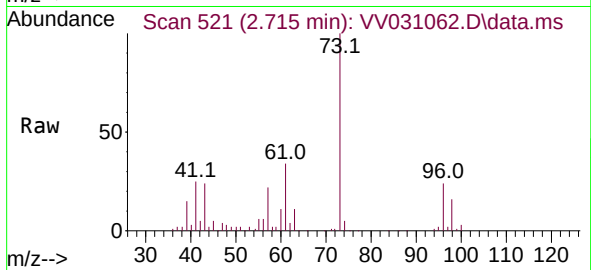
Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :



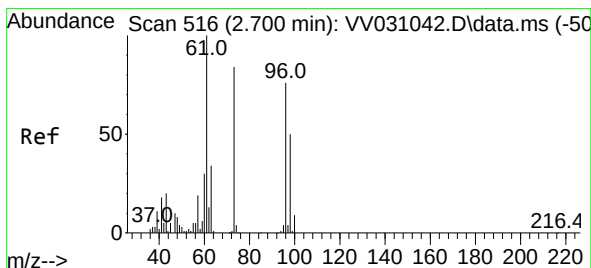
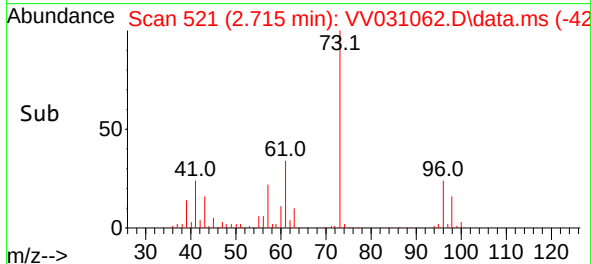
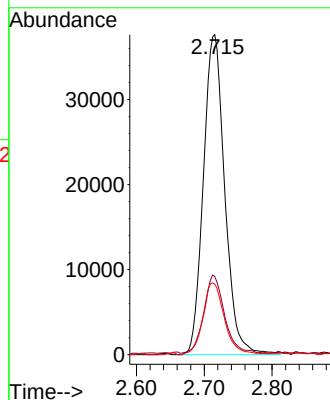
Tgt Ion: 73 Resp: 82509

Ion Ratio Lower Upper

73 100

43 23.0 19.9 29.9

57 22.7 18.2 27.4



#18

trans-1,2-Dichloroethene

Concen: 3.943 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

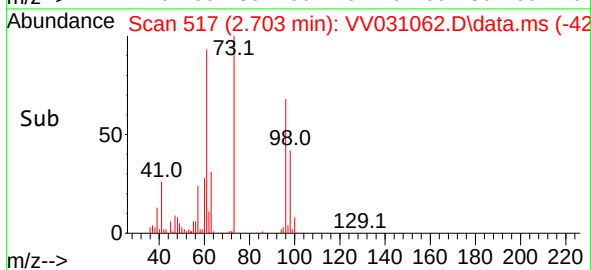
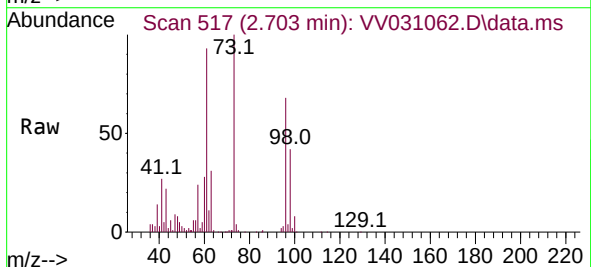
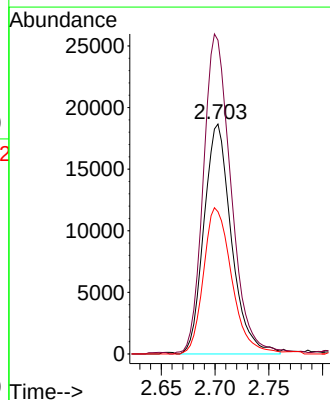
Tgt Ion: 96 Resp: 33218

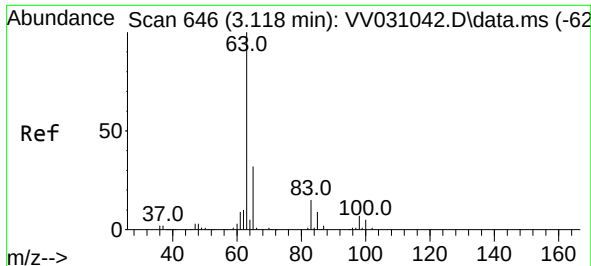
Ion Ratio Lower Upper

96 100

61 136.5 98.9 183.7

98 61.9 46.0 85.4





#19

1,1-Dichloroethane

Concen: 4.444 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

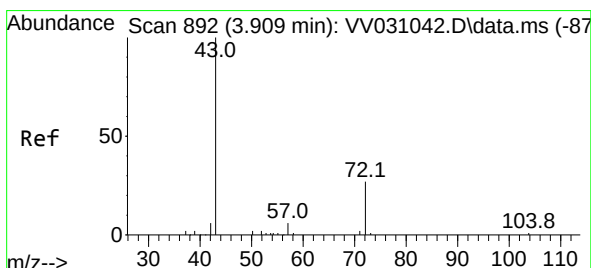
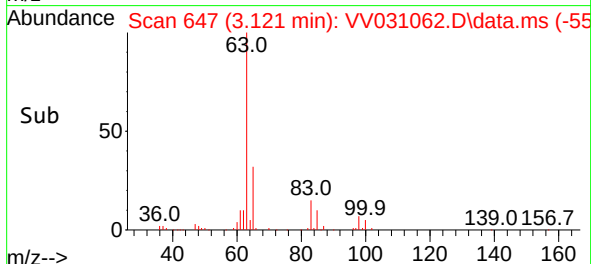
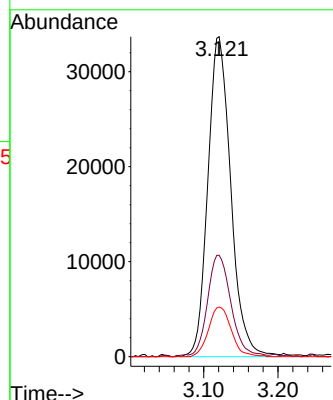
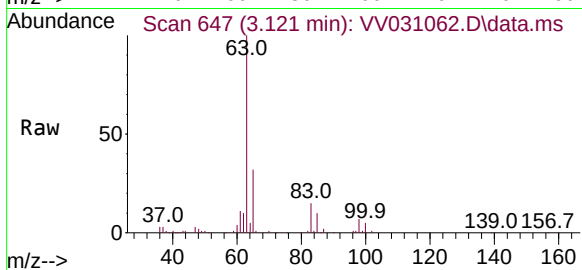
Tgt Ion: 63 Resp: 72294

Ion Ratio Lower Upper

63 100

65 31.7 21.8 40.6

83 15.5 10.2 19.0



#21

2-Butanone

Concen: 45.115 ug/L

RT: 3.899 min Scan# 889

Delta R.T. -0.010 min

Lab File: VV031062.D

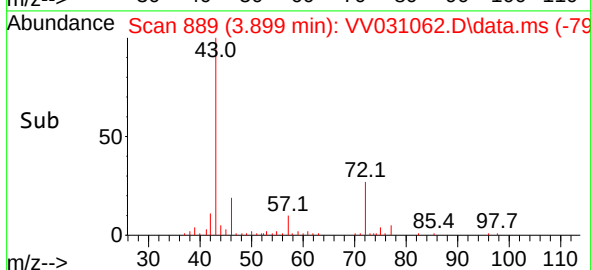
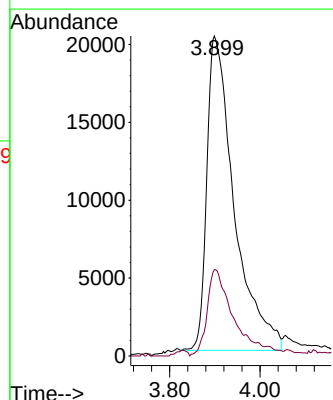
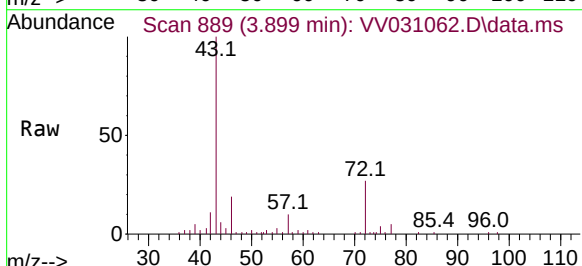
Acq: 16 May 2023 18:53

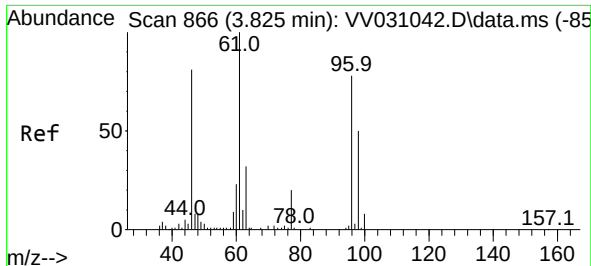
Tgt Ion: 43 Resp: 84861

Ion Ratio Lower Upper

43 100

72 25.7 9.6 28.6

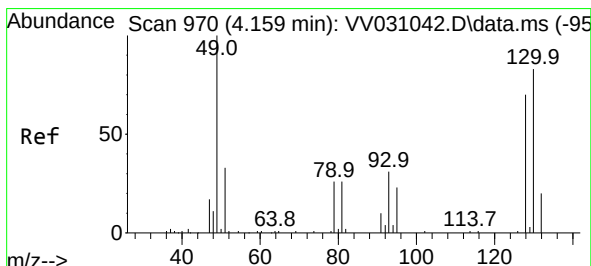
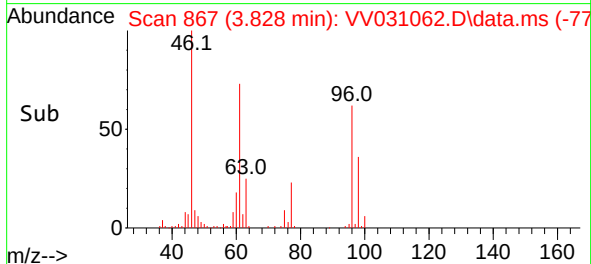
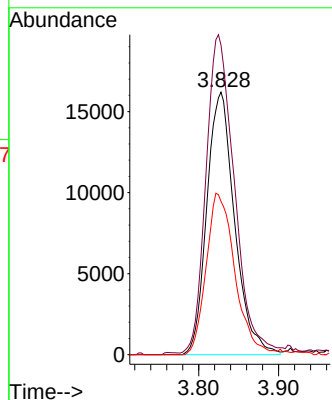
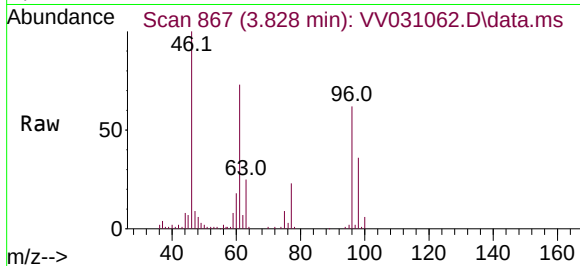




#22
 cis-1,2-Dichloroethene
 Concen: 4.404 ug/L
 RT: 3.828 min Scan# 866
 Delta R.T. 0.003 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

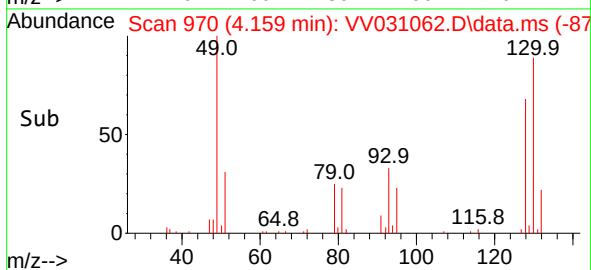
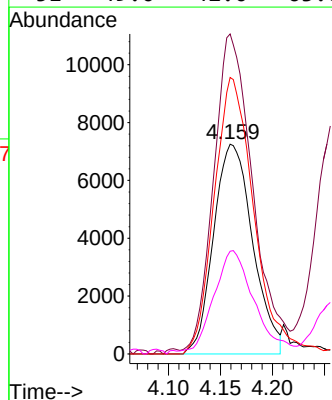
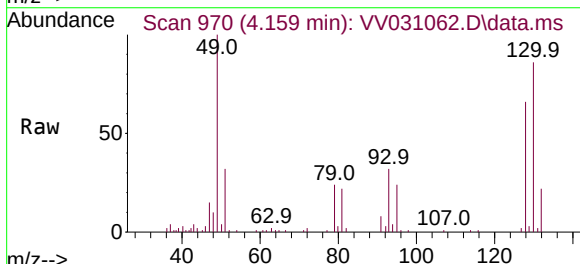
Instrument :
 MSVOA_V
 ClientSampleId :

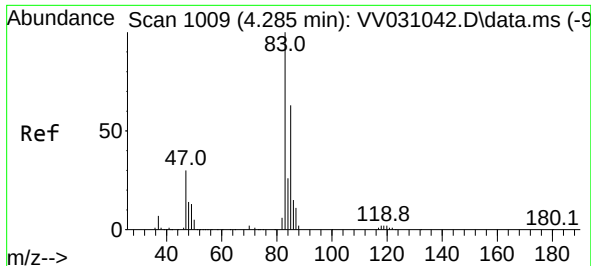
Tgt Ion: 96 Resp: 39146
 Ion Ratio Lower Upper
 96 100
 61 117.9 86.0 159.6
 98 58.4 43.2 80.2



#23
 Bromochloromethane
 Concen: 4.525 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

Tgt Ion: 128 Resp: 18937
 Ion Ratio Lower Upper
 128 100
 49 152.6 104.7 194.5
 130 131.8 93.4 173.4
 51 49.0 42.0 63.0

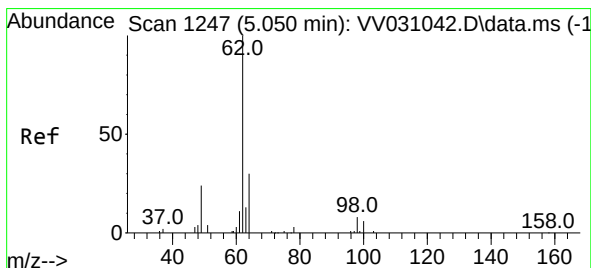
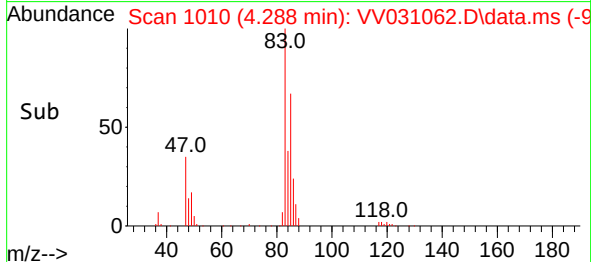
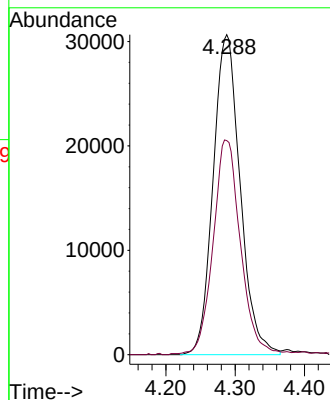
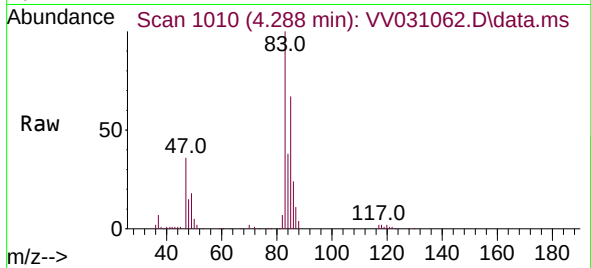




#25
Chloroform
Concen: 4.762 ug/L
RT: 4.288 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

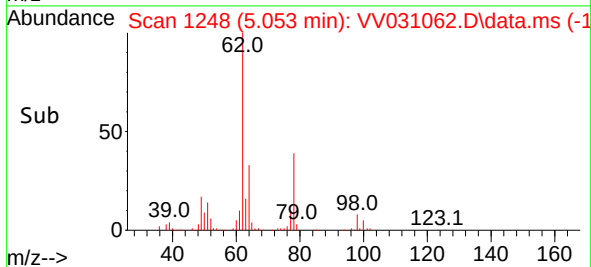
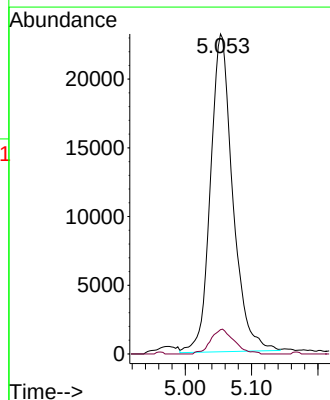
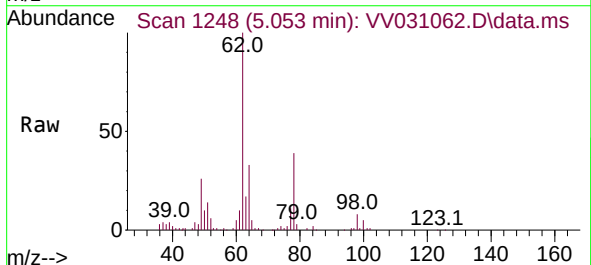
Instrument :
MSVOA_V
ClientSampleId :

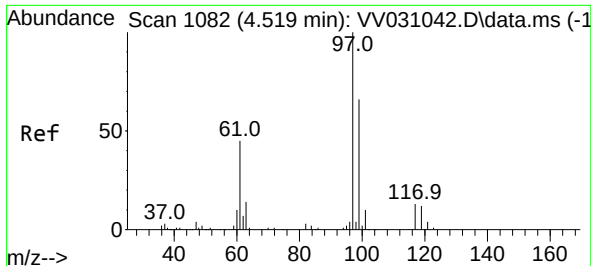
Tgt Ion: 83 Resp: 83107
Ion Ratio Lower Upper
83 100
85 66.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 4.938 ug/L
RT: 5.053 min Scan# 1248
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 62 Resp: 54086
Ion Ratio Lower Upper
62 100
98 7.6 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 4.643 ug/L

RT: 4.522 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV031062.D

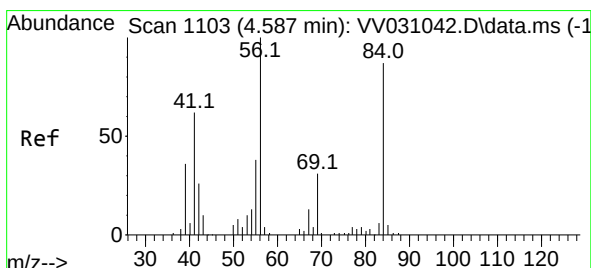
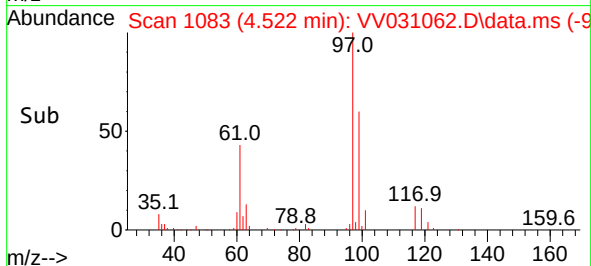
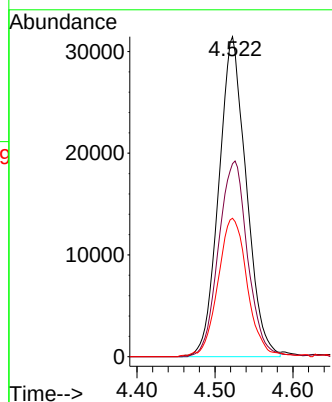
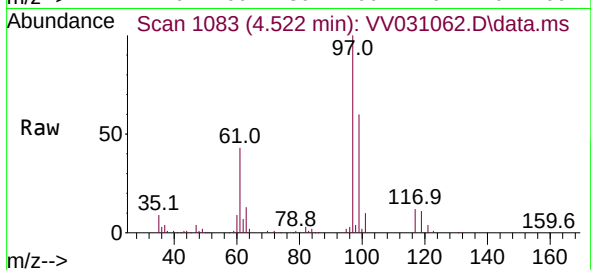
Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	77027
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.2
61	46.4	37.4	56.0



#30

Cyclohexane

Concen: 3.762 ug/L

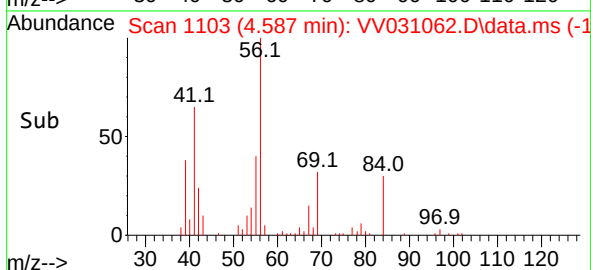
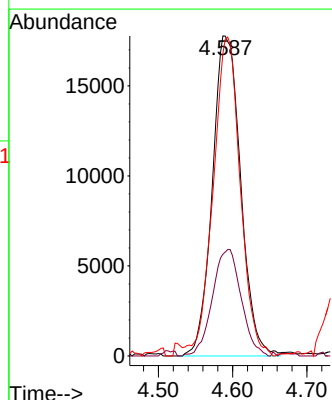
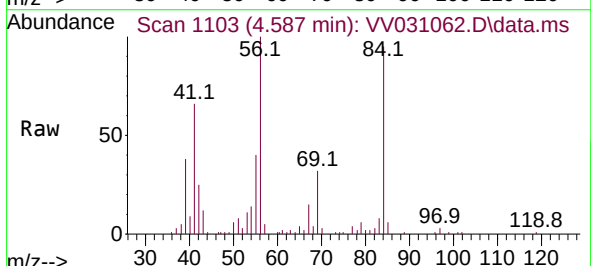
RT: 4.587 min Scan# 1103

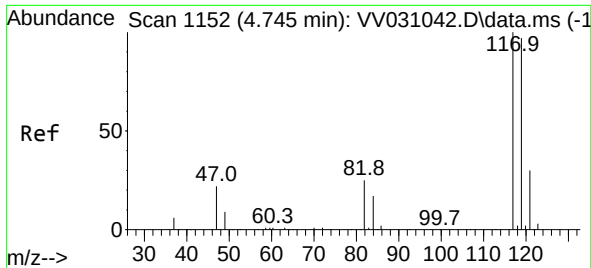
Delta R.T. -0.000 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Tgt Ion:	56	Resp:	47139
Ion	Ratio	Lower	Upper
56	100		
69	33.7	25.0	37.6
84	95.0	74.2	111.2

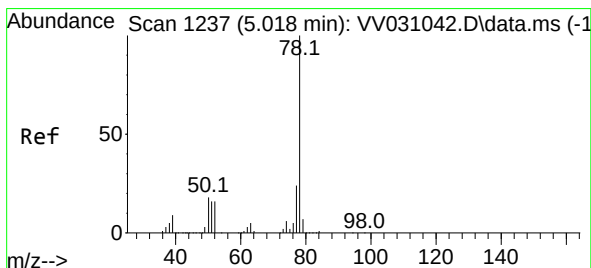
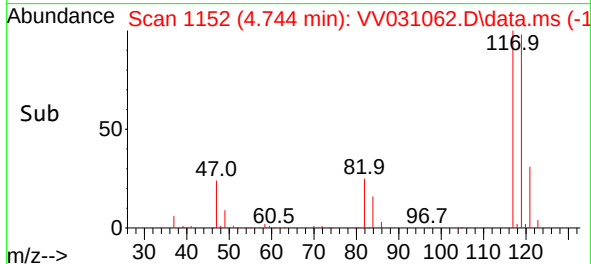
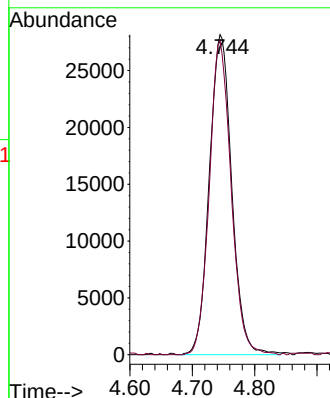
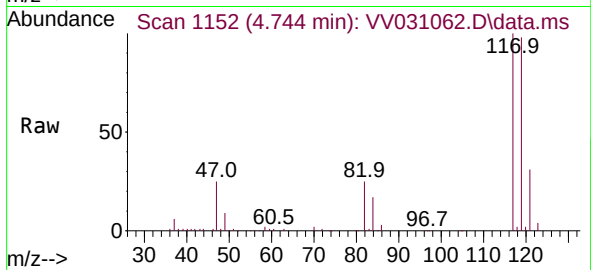




#31
Carbon tetrachloride
Concen: 4.718 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

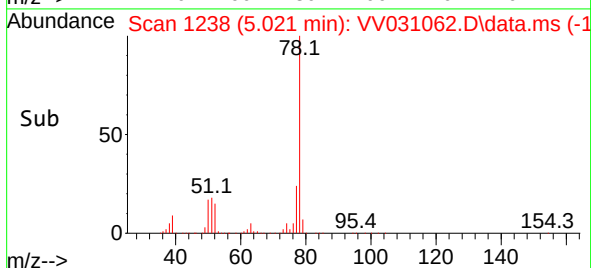
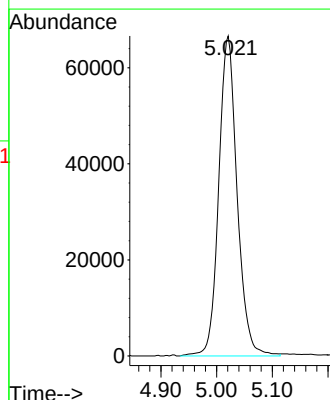
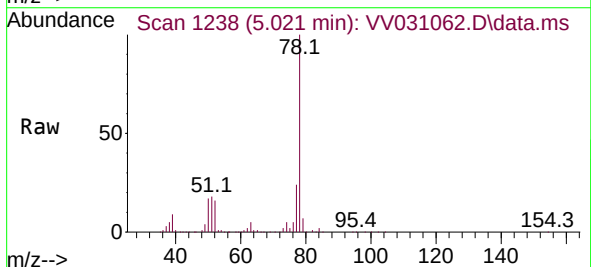
Instrument :
MSVOA_V
ClientSampleId :

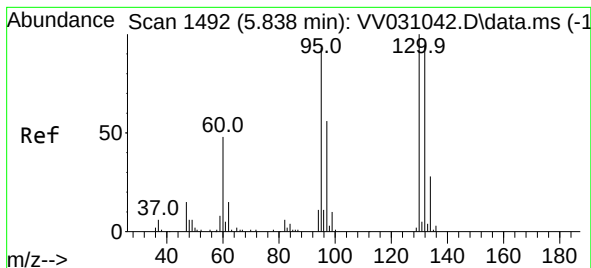
Tgt Ion:117 Resp: 70300
Ion Ratio Lower Upper
117 100
119 95.4 78.4 117.6



#33
Benzene
Concen: 4.606 ug/L
RT: 5.021 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 78 Resp: 152966





#34

Trichloroethene

Concen: 4.446 ug/L

RT: 5.844 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 39356

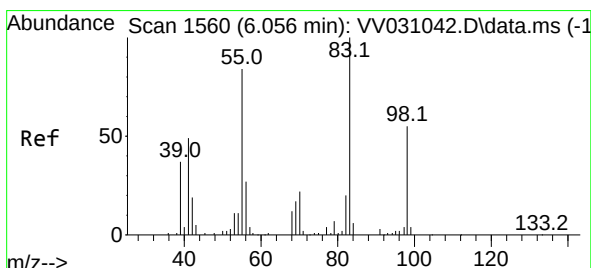
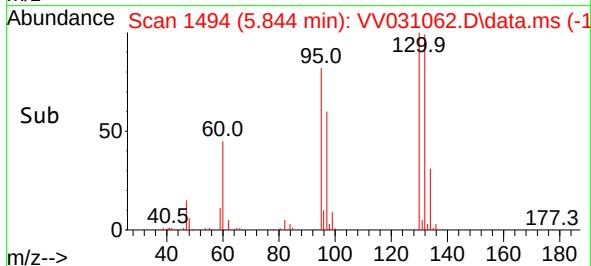
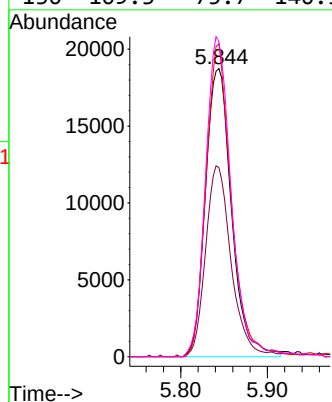
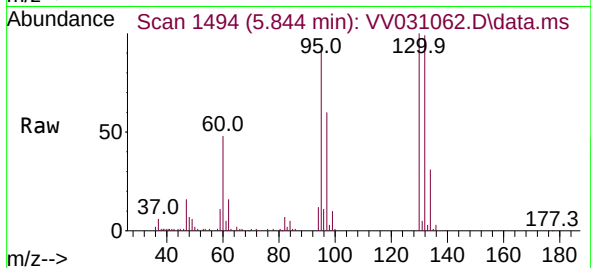
Ion Ratio Lower Upper

95 100

97 65.6 46.2 85.8

132 108.6 72.7 135.1

130 109.3 75.7 140.5



#35

Methylcyclohexane

Concen: 3.857 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

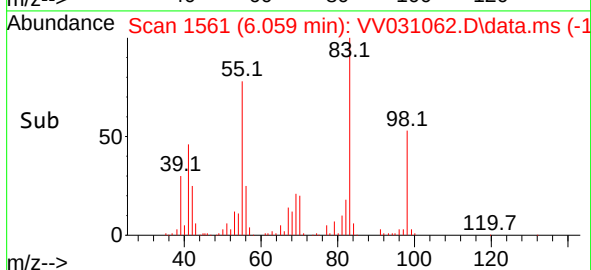
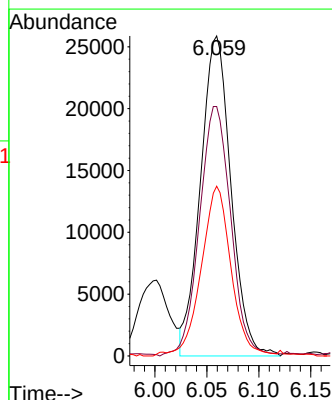
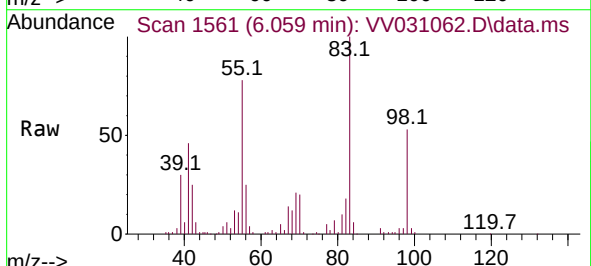
Tgt Ion: 83 Resp: 52907

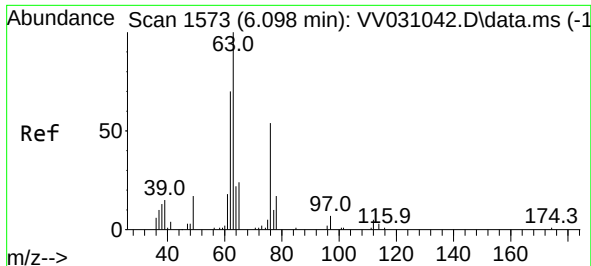
Ion Ratio Lower Upper

83 100

55 80.0 62.9 94.3

98 51.9 40.5 60.7





#37

1,2-Dichloropropane

Concen: 4.878 ug/L

RT: 6.101 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

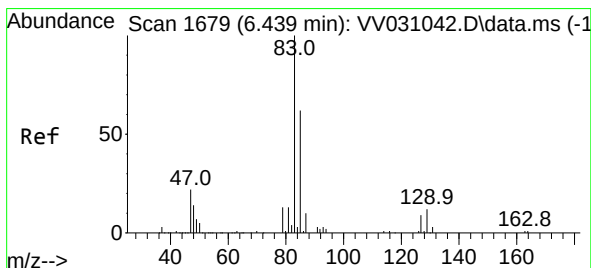
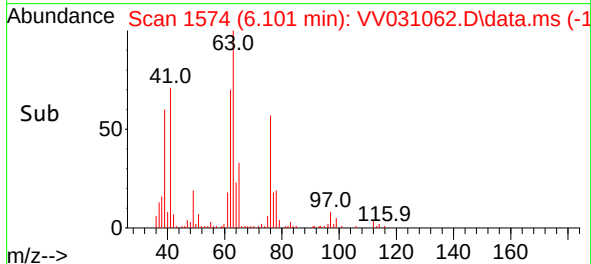
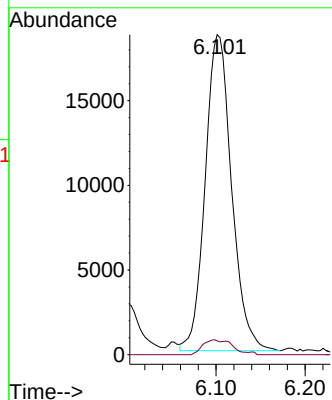
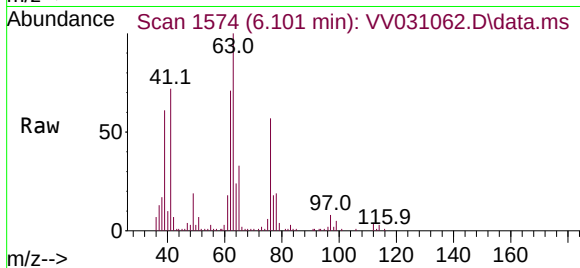
ClientSampleId :

Tgt Ion: 63 Resp: 38423

Ion Ratio Lower Upper

63 100

112 3.0 3.8 5.8#



#38

Bromodichloromethane

Concen: 4.870 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

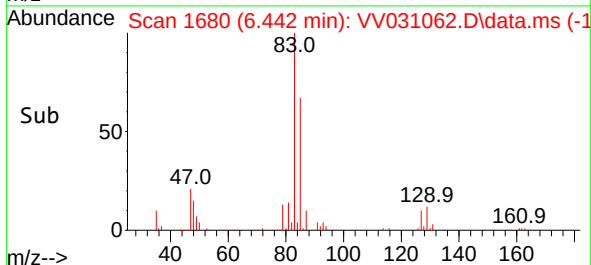
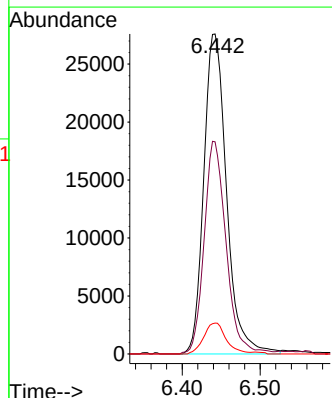
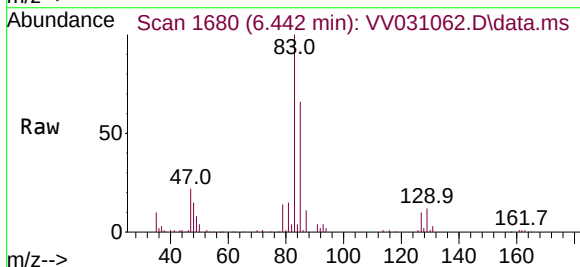
Tgt Ion: 83 Resp: 56142

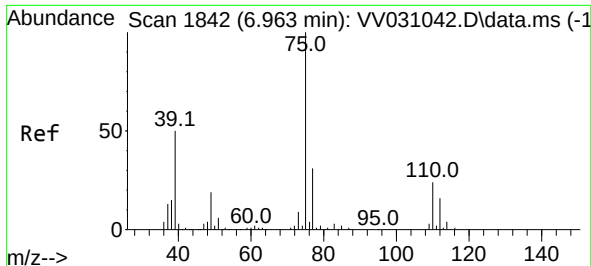
Ion Ratio Lower Upper

83 100

85 66.3 44.4 82.4

127 9.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.298 ug/L

RT: 6.963 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

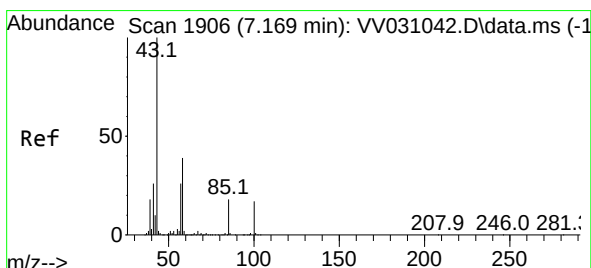
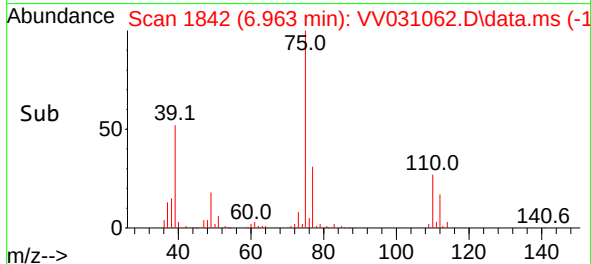
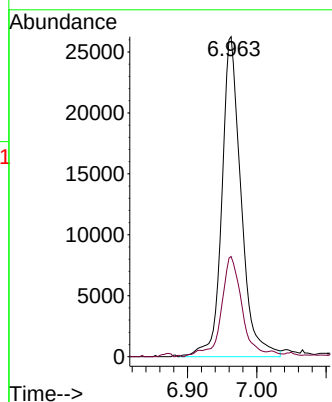
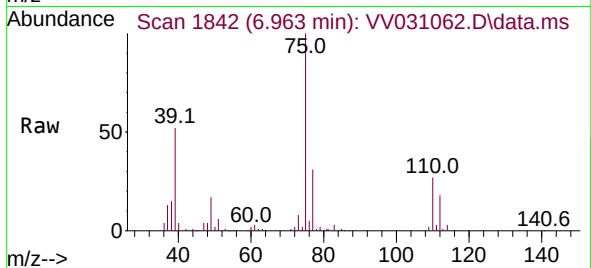
ClientSampleId :

Tgt Ion: 75 Resp: 50704

Ion Ratio Lower Upper

75 100

77 31.3 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 56.855 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

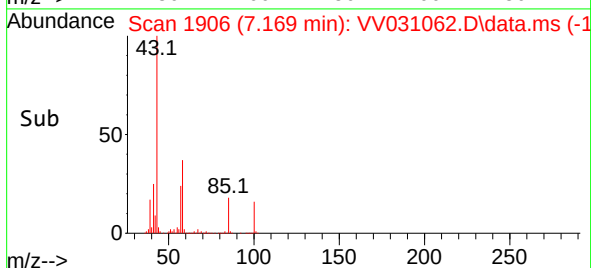
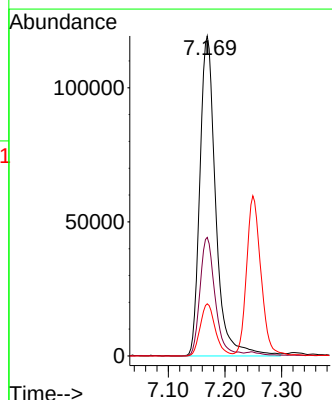
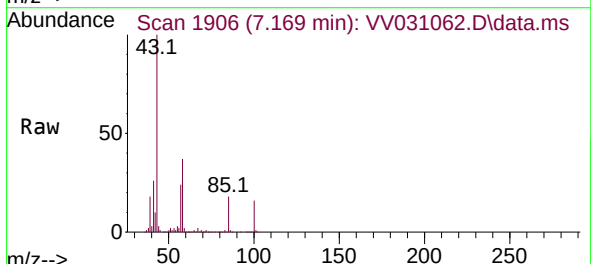
Tgt Ion: 43 Resp: 232030

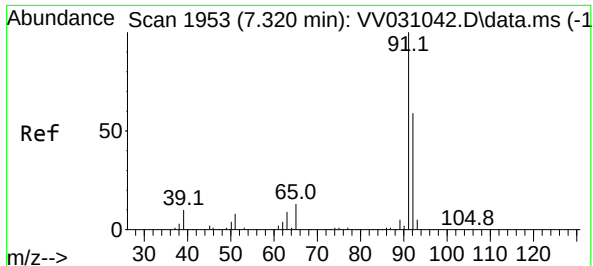
Ion Ratio Lower Upper

43 100

58 35.6 28.3 42.5

100 15.6 11.8 17.8





#42

Toluene

Concen: 4.632 ug/L

RT: 7.323 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

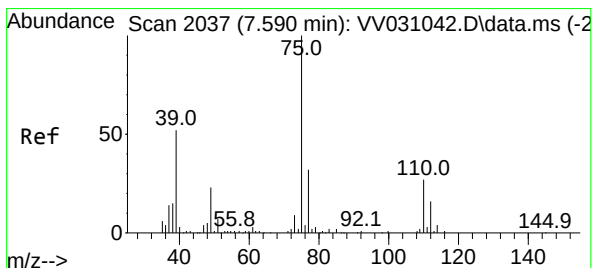
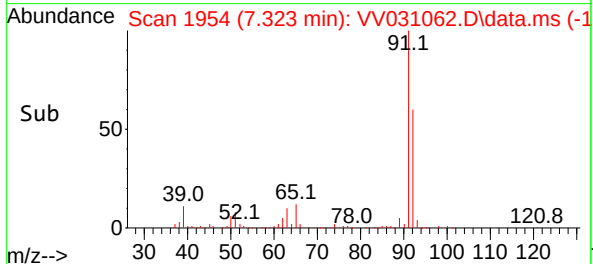
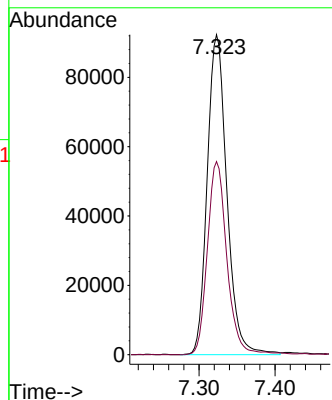
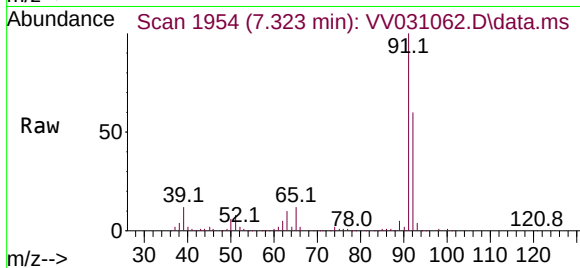
ClientSampleId :

Tgt Ion: 91 Resp: 165613

Ion Ratio Lower Upper

91 100

92 60.3 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 4.524 ug/L

RT: 7.590 min Scan# 2037

Delta R.T. -0.000 min

Lab File: VV031062.D

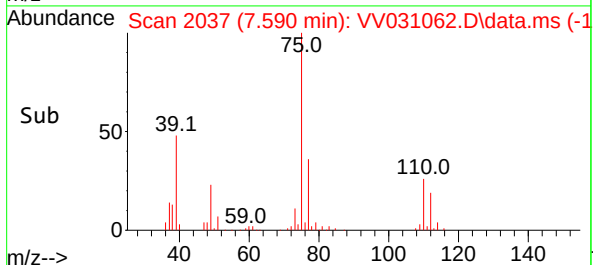
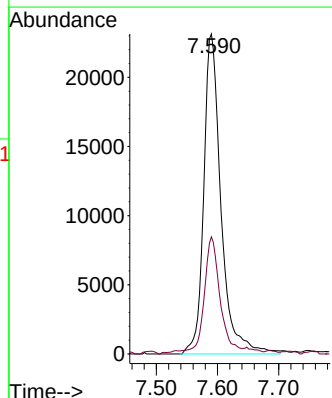
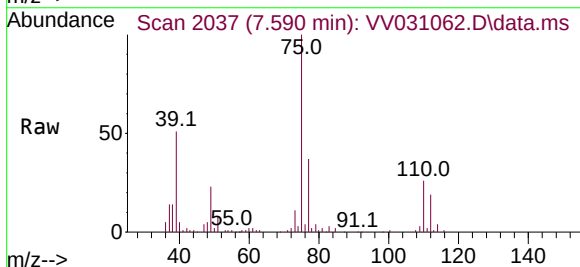
Acq: 16 May 2023 18:53

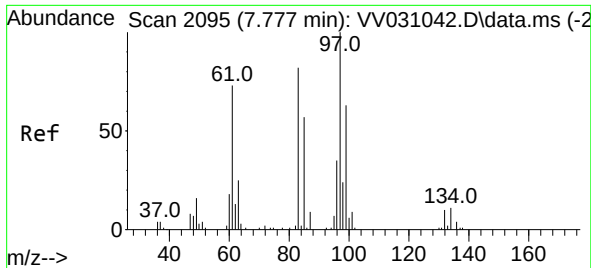
Tgt Ion: 75 Resp: 45477

Ion Ratio Lower Upper

75 100

77 36.6 21.6 40.0

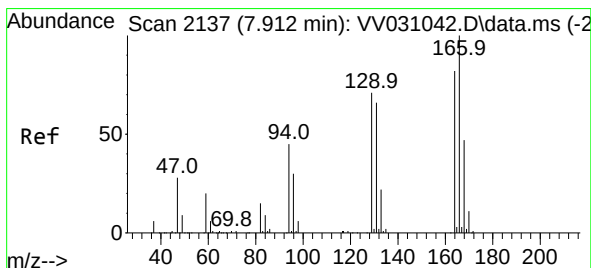
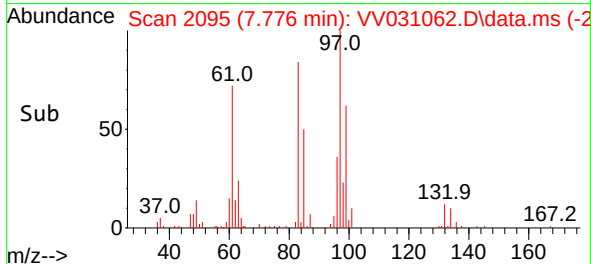
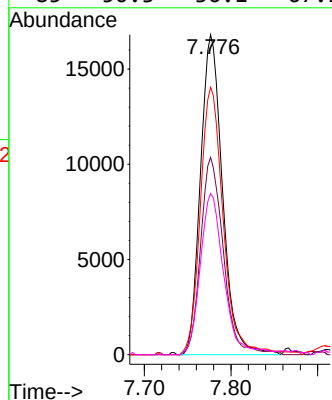
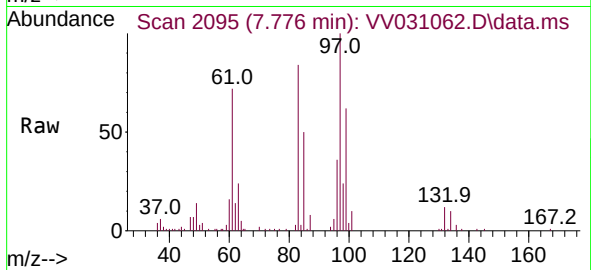




#45
1,1,2-Trichloroethane
Concen: 5.081 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

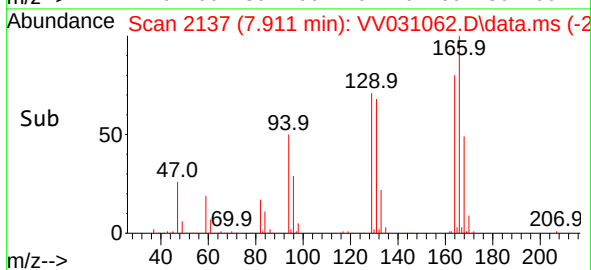
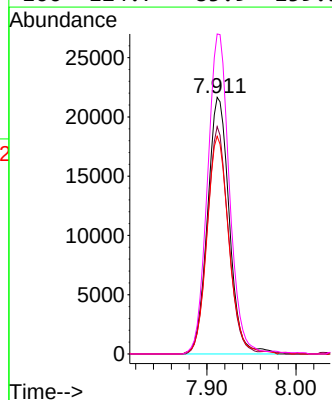
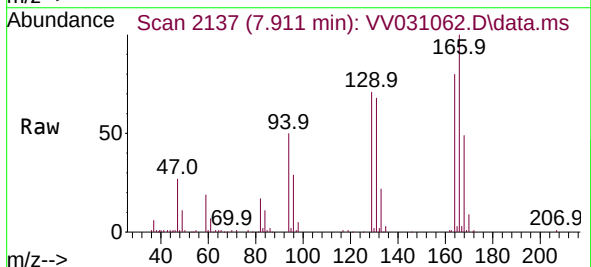
Instrument : MSVOA_V
ClientSampleId :

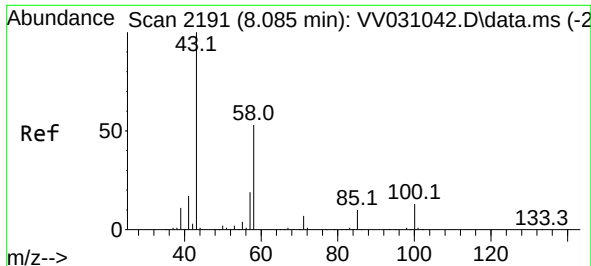
Tgt Ion: 97	Resp: 29697
Ion Ratio	Lower Upper
97 100	
99 61.7	42.8 79.6
83 83.6	57.5 106.7
85 50.3	36.1 67.1



#47
Tetrachloroethene
Concen: 4.349 ug/L
RT: 7.911 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt	Ion:164	Resp:	36726
Ion	Ratio	Lower	Upper
164	100		
129	88.6	60.5	112.3
131	84.9	60.8	112.8
166	124.7	85.9	159.5

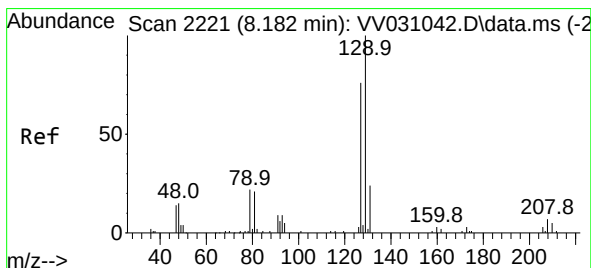
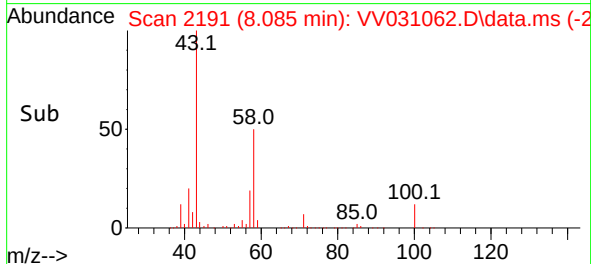
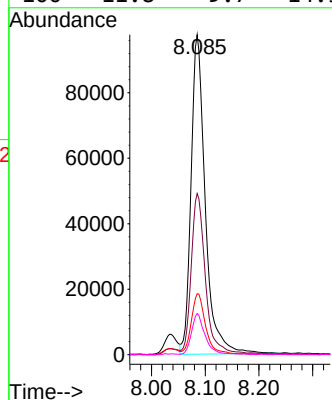
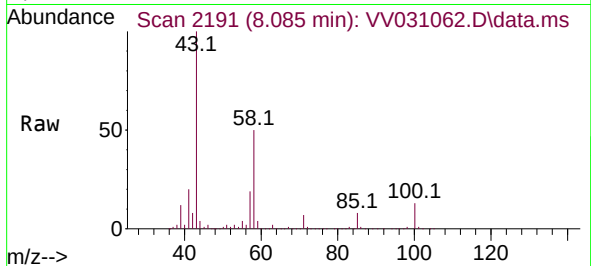




#48
2-Hexanone
Concen: 57.214 ug/L
RT: 8.085 min Scan# 2191
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

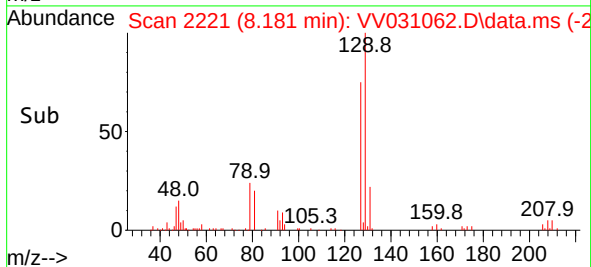
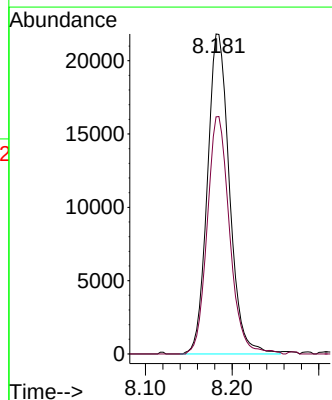
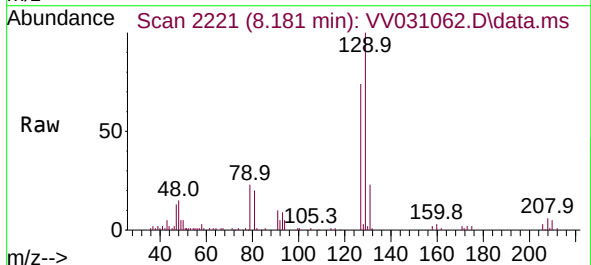
Instrument :
MSVOA_V
ClientSampleId :

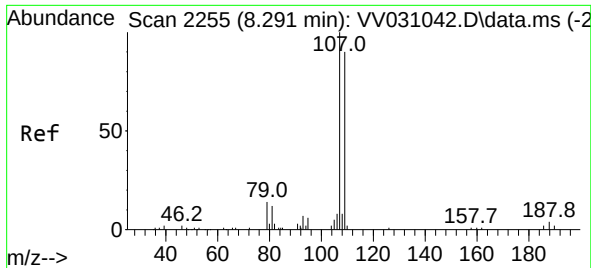
Tgt Ion: 43 Resp: 179087
Ion Ratio Lower Upper
43 100
58 49.1 39.9 59.9
57 18.8 14.1 21.1
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 5.265 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

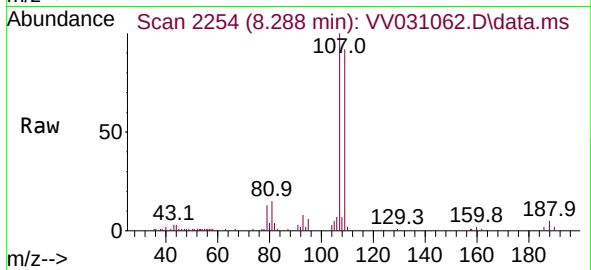
Tgt Ion: 129 Resp: 38709
Ion Ratio Lower Upper
129 100
127 74.1 55.3 102.7



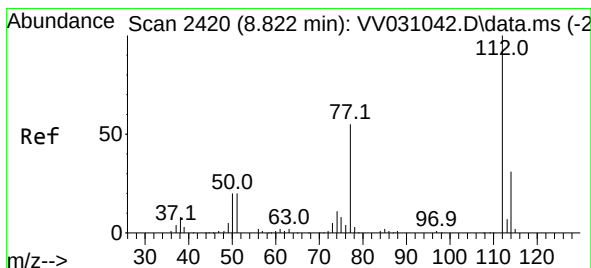
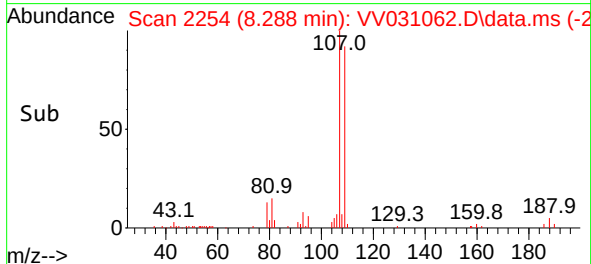
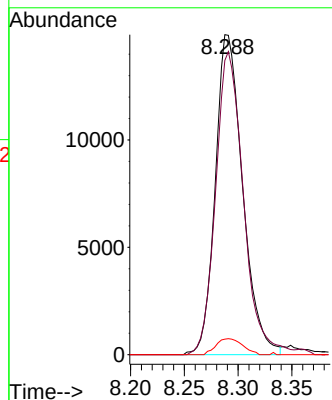


#50
1,2-Dibromoethane
Concen: 5.067 ug/L
RT: 8.288 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Instrument :
MSVOA_V
ClientSampleId :

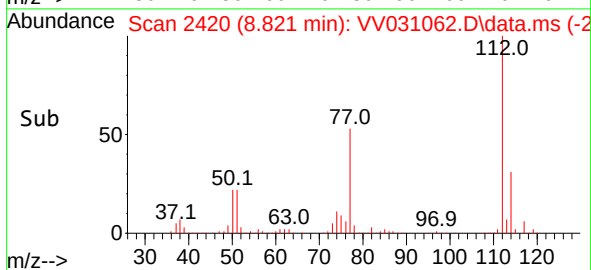
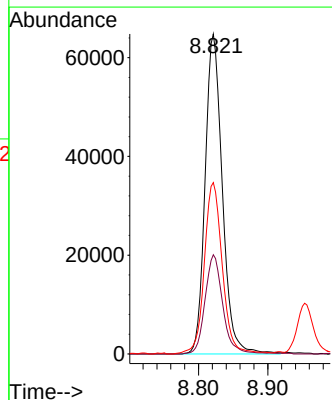
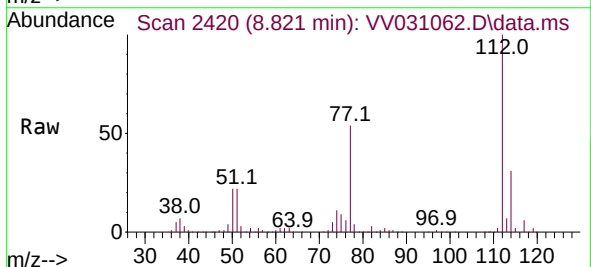


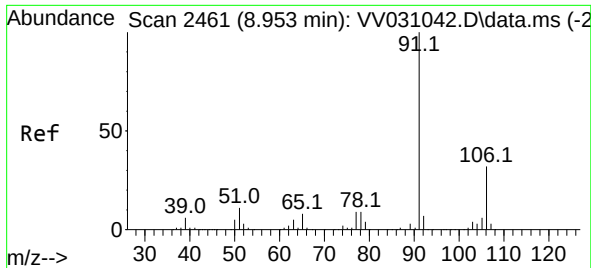
Tgt Ion:107 Resp: 26412
Ion Ratio Lower Upper
107 100
109 92.0 64.9 120.5
188 4.9 3.2 4.8#



#51
Chlorobenzene
Concen: 4.615 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion:112 Resp: 111864
Ion Ratio Lower Upper
112 100
114 31.0 22.5 41.9
77 53.5 45.3 67.9

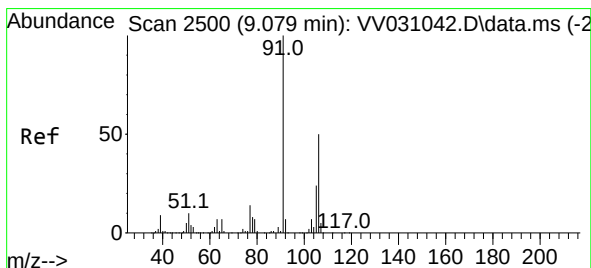
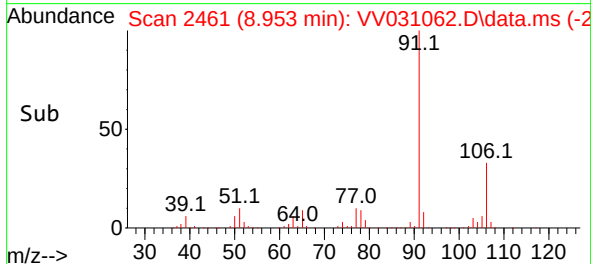
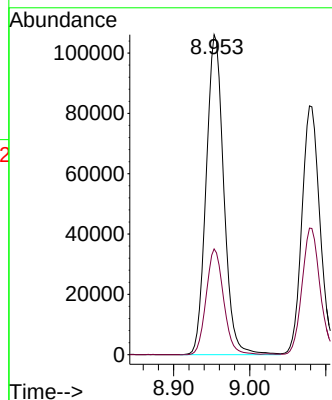
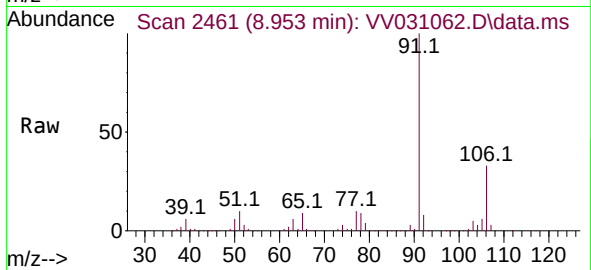




#52
Ethylbenzene
Concen: 4.379 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

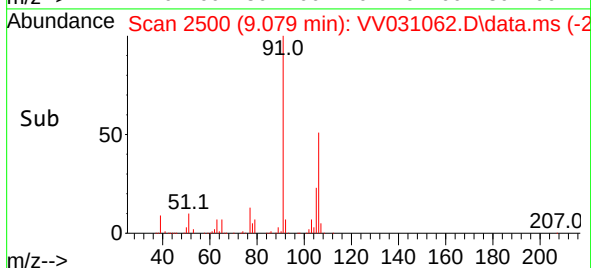
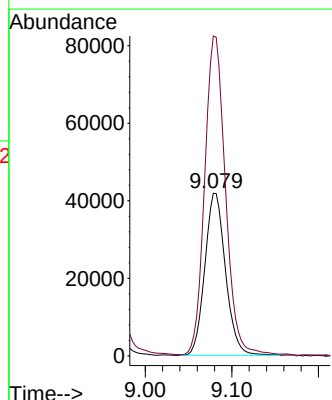
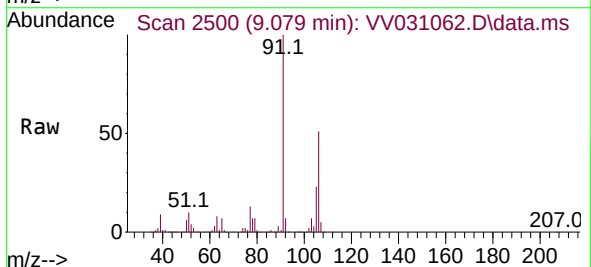
Instrument :
MSVOA_V
ClientSampleId :

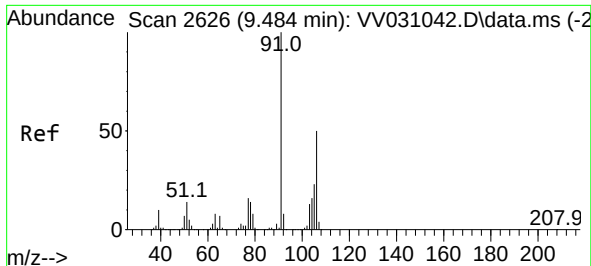
Tgt Ion: 91 Resp: 170702
Ion Ratio Lower Upper
91 100
106 33.0 21.4 39.8



#53
m,p-Xylene
Concen: 4.457 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 106 Resp: 69334
Ion Ratio Lower Upper
106 100
91 196.6 138.7 257.5

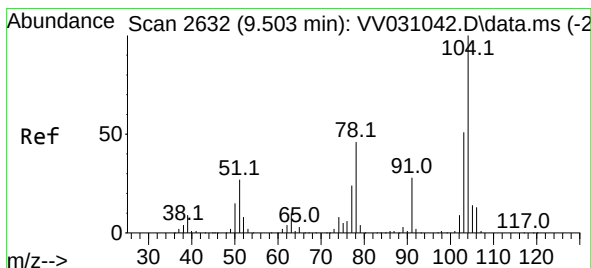
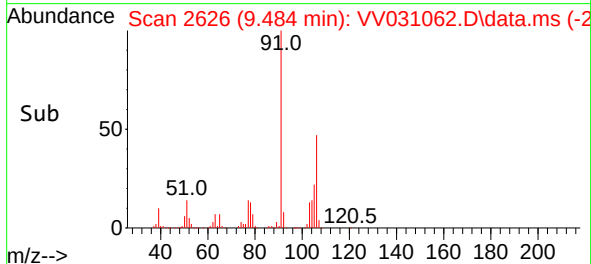
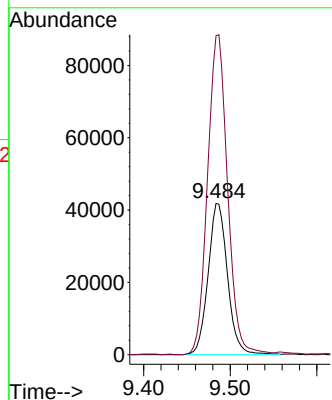
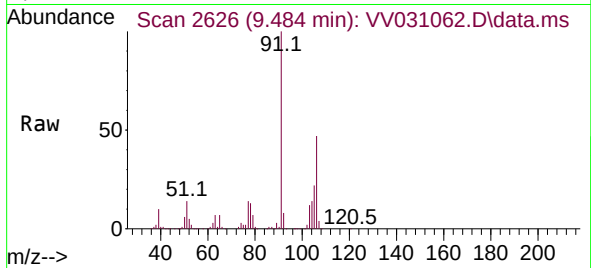




#54
o-Xylene
Concen: 4.397 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

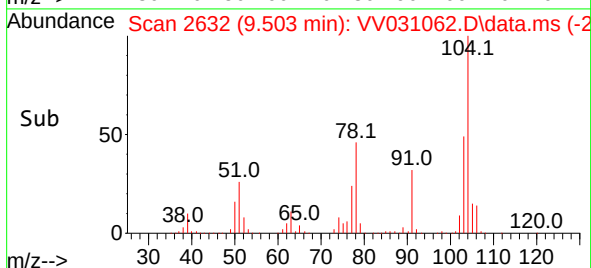
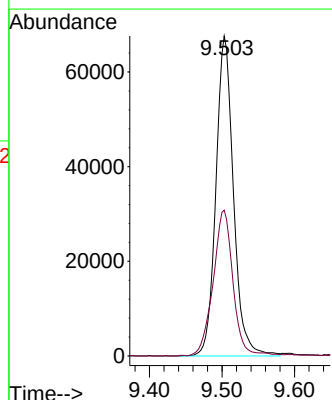
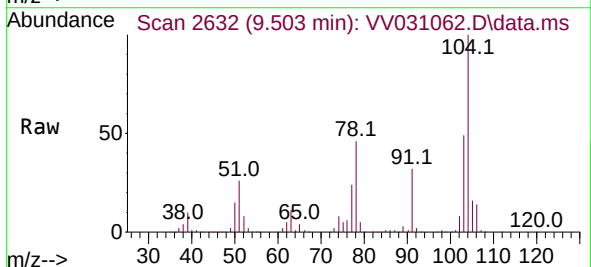
Instrument :
MSVOA_V
ClientSampleId :

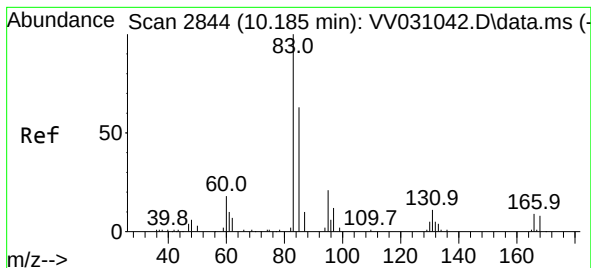
Tgt Ion:106 Resp: 65094
Ion Ratio Lower Upper
106 100
91 210.8 145.1 269.5



#55
Styrene
Concen: 4.560 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion:104 Resp: 113903
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.426 ug/L

RT: 10.185 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

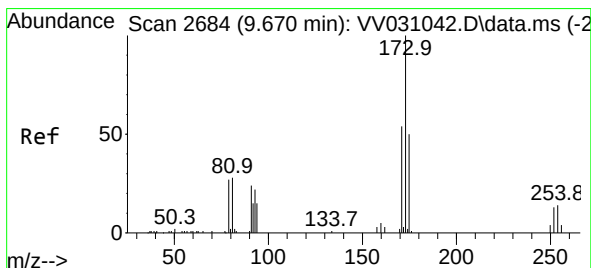
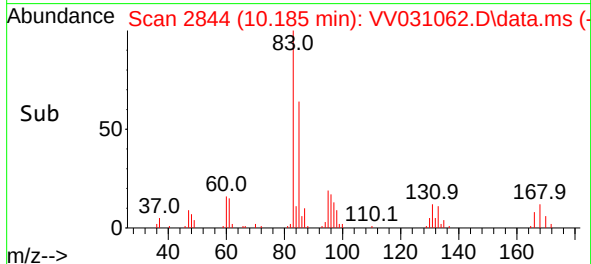
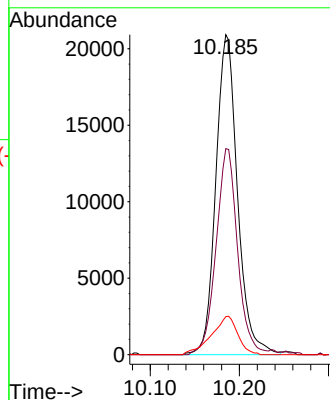
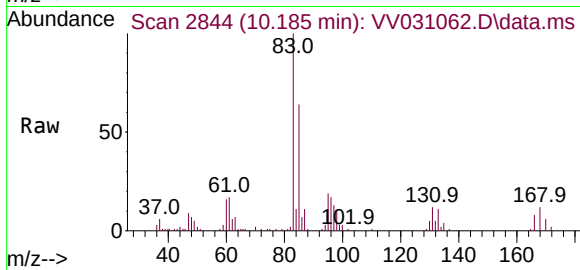
Tgt Ion: 83 Resp: 35448

Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0

131 11.9 8.3 12.5



#59

Bromoform

Concen: 5.060 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

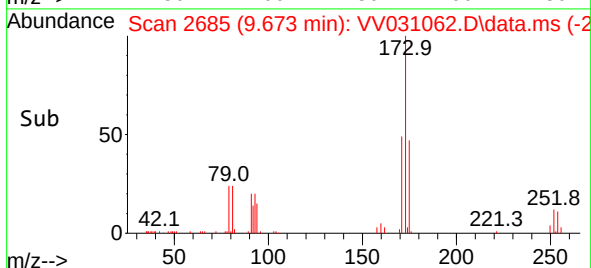
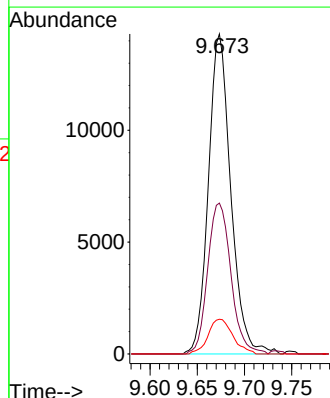
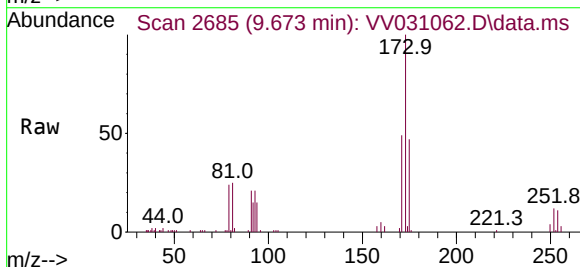
Tgt Ion: 173 Resp: 23567

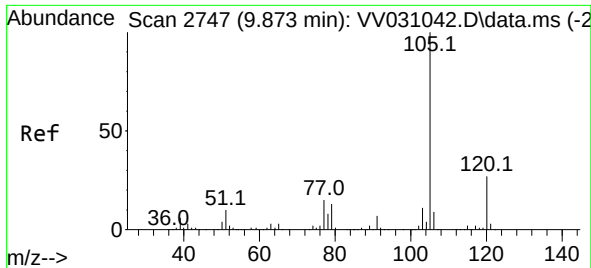
Ion Ratio Lower Upper

173 100

175 49.0 39.9 59.9

254 12.0 9.7 14.5

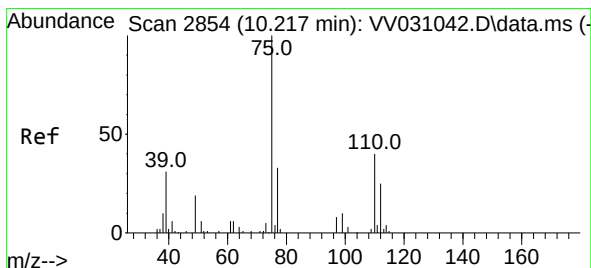
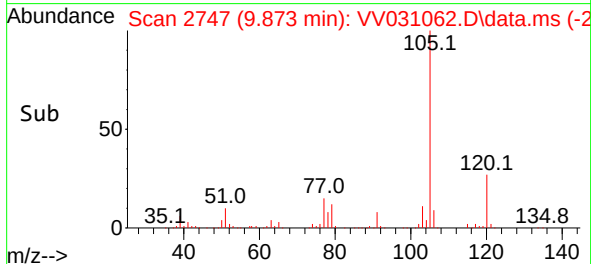
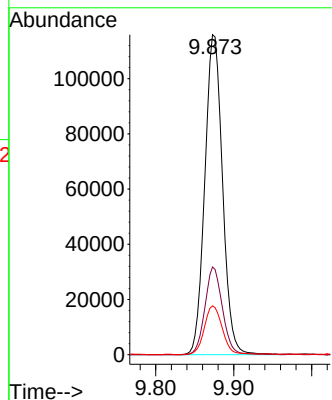
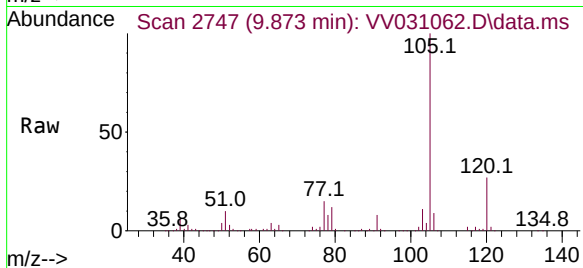




#60
Isopropylbenzene
Concen: 4.295 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

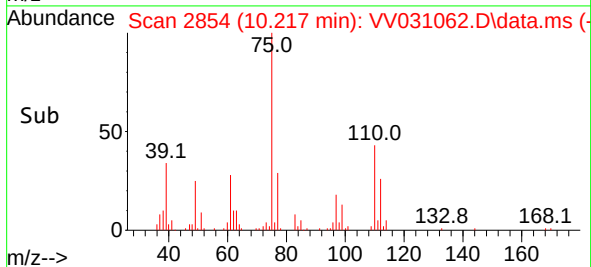
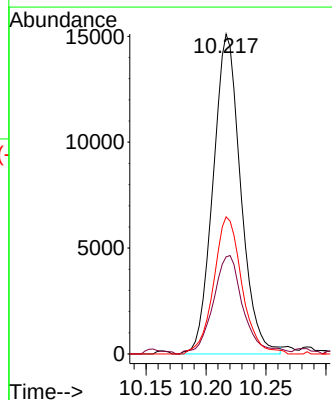
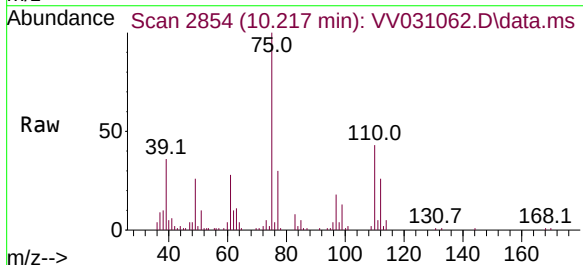
Instrument :
MSVOA_V
ClientSampleId :

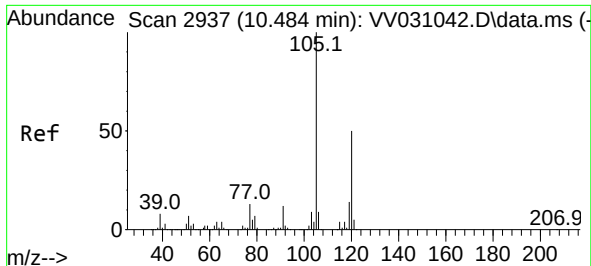
Tgt Ion:105 Resp: 183237
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.4
77 15.6 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 4.867 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

Tgt Ion: 75 Resp: 24191
Ion Ratio Lower Upper
75 100
77 33.5 25.3 37.9
110 43.7 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 4.149 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

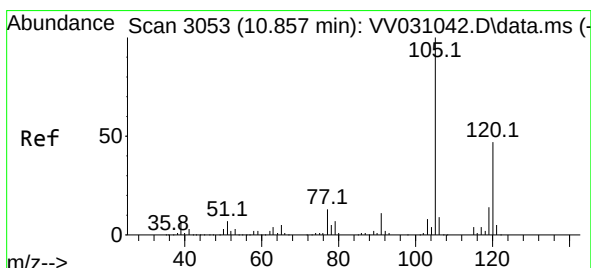
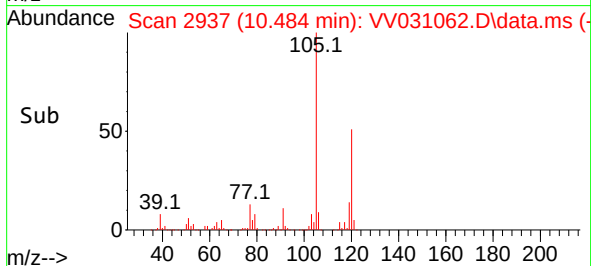
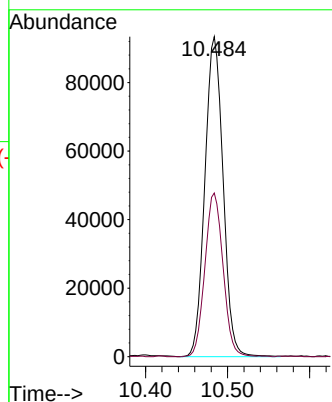
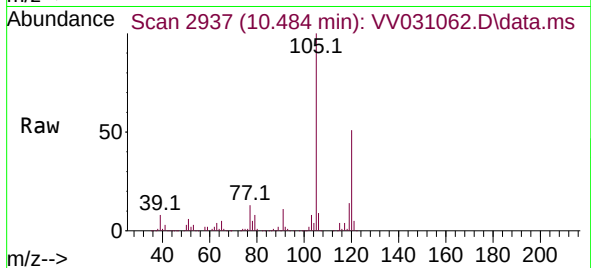
ClientSampleId :

Tgt Ion:105 Resp: 144078

Ion Ratio Lower Upper

105 100

120 50.9 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 4.115 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. 0.003 min

Lab File: VV031062.D

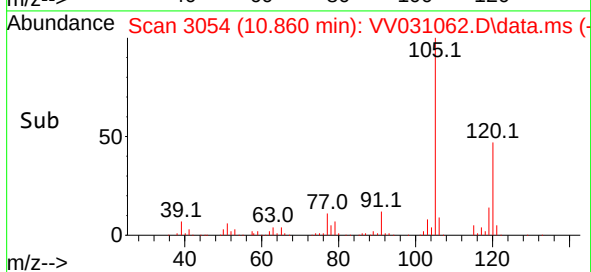
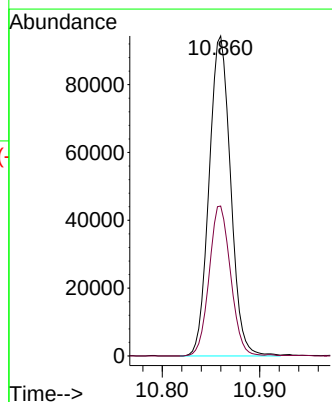
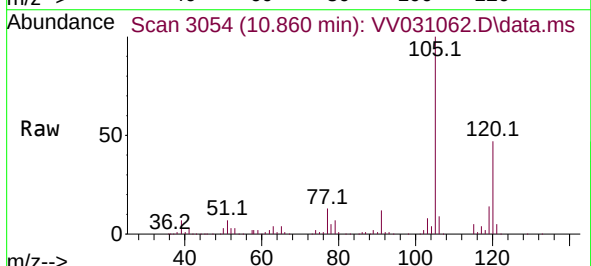
Acq: 16 May 2023 18:53

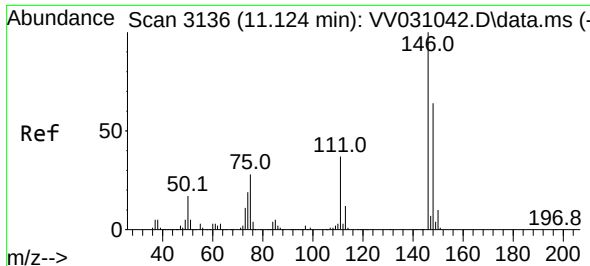
Tgt Ion:105 Resp: 144812

Ion Ratio Lower Upper

105 100

120 46.7 37.9 56.9

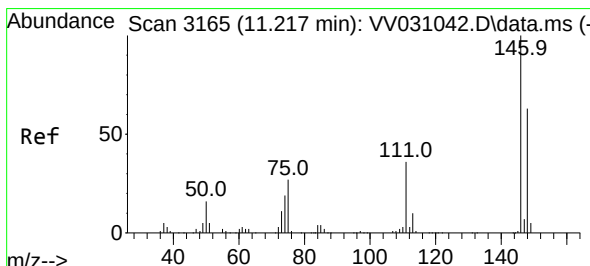
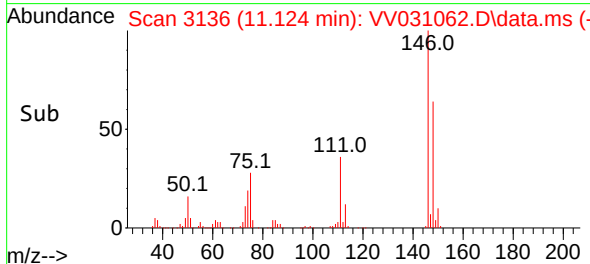
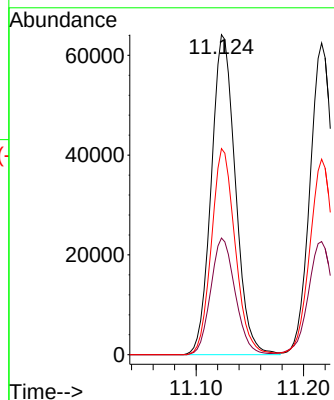
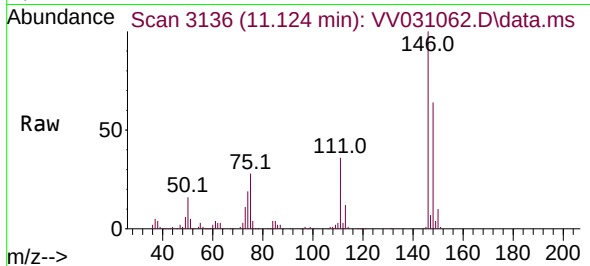




#64
1,3-Dichlorobenzene
Concen: 4.562 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

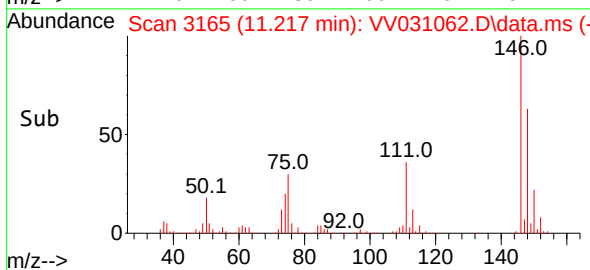
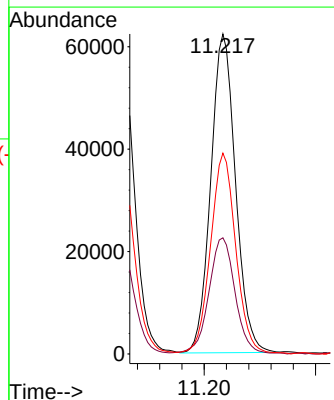
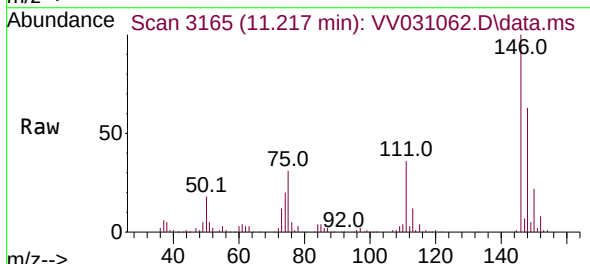
Instrument :
MSVOA_V
ClientSampleId :

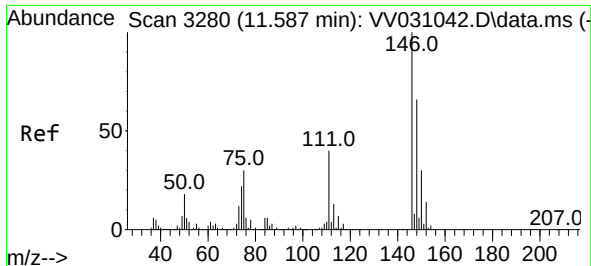
Tgt Ion:146 Resp: 99946
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.3
148 64.4 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.350 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

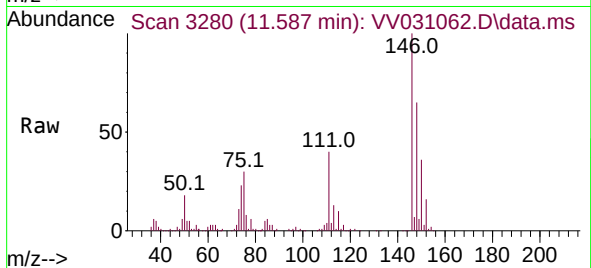
Tgt Ion:146 Resp: 96148
Ion Ratio Lower Upper
146 100
111 36.3 23.9 44.5
148 62.7 42.8 79.6



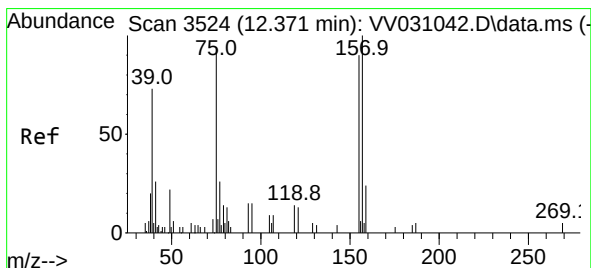
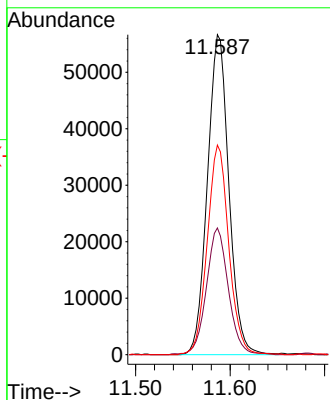
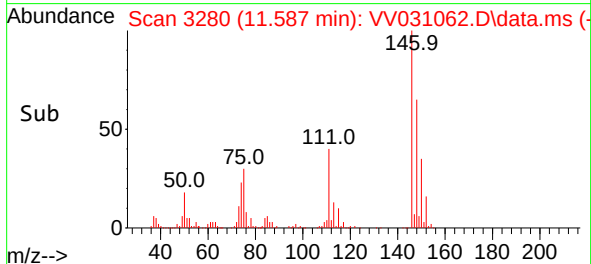


#67
1,2-Dichlorobenzene
Concen: 4.531 ug/L
RT: 11.587 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53

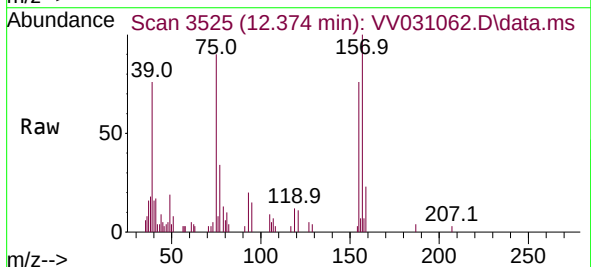
Instrument :
MSVOA_V
ClientSampleId :



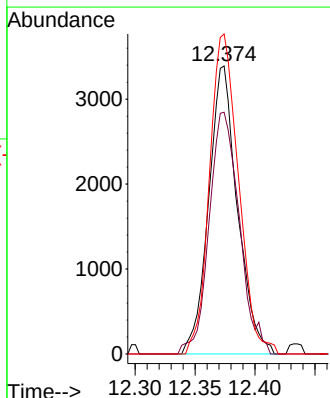
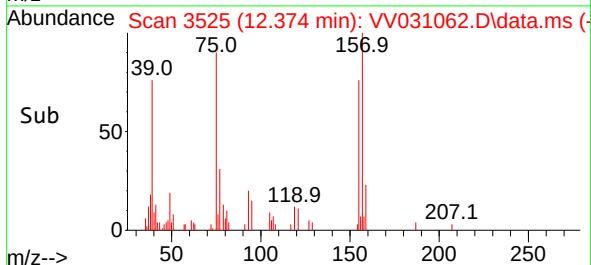
Tgt Ion:146 Resp: 89270
Ion Ratio Lower Upper
146 100
111 39.6 34.0 51.0
148 65.5 53.8 80.6

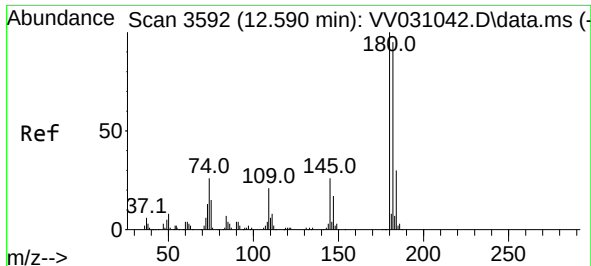


#68
1,2-Dibromo-3-chloropropane
Concen: 4.485 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV031062.D
Acq: 16 May 2023 18:53



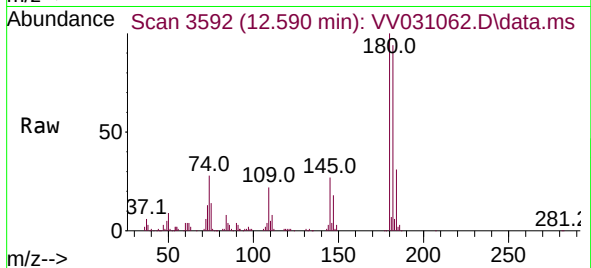
Tgt Ion: 75 Resp: 5658
Ion Ratio Lower Upper
75 100
155 83.9 56.2 84.4
157 111.1 83.1 124.7



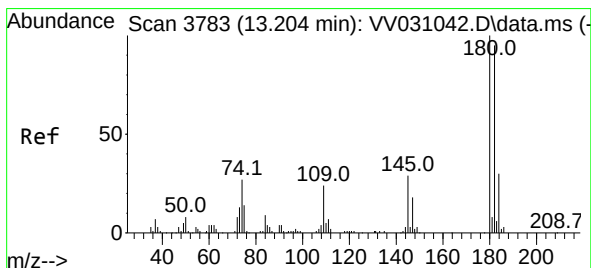
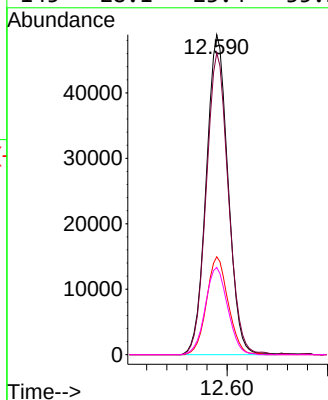
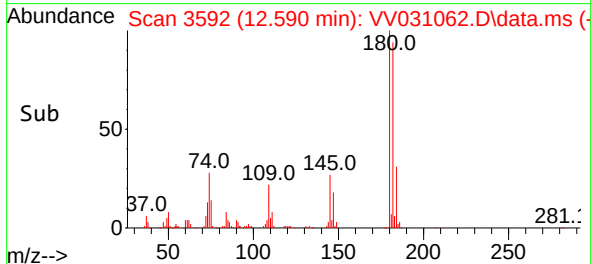


#69
 1,3,5-Trichlorobenzene
 Concen: 4.236 ug/L
 RT: 12.590 min Scan# 3592
 Delta R.T. -0.000 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53

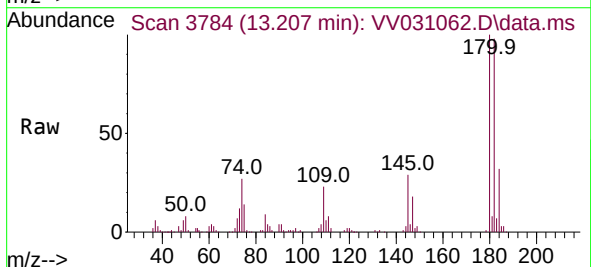
Instrument :
 MSVOA_V
 ClientSampleId :



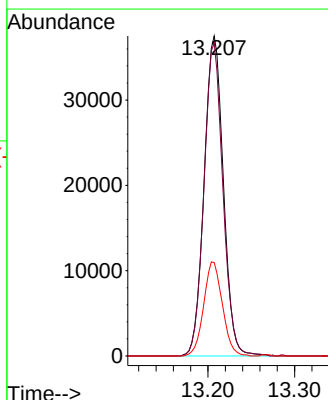
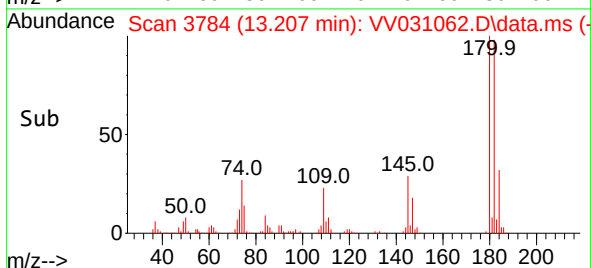
Tgt Ion:180	Resp:	73481
Ion Ratio	Lower	Upper
180	100	
182	95.8	75.1 112.7
184	30.5	24.1 36.1
145	28.1	23.4 35.2

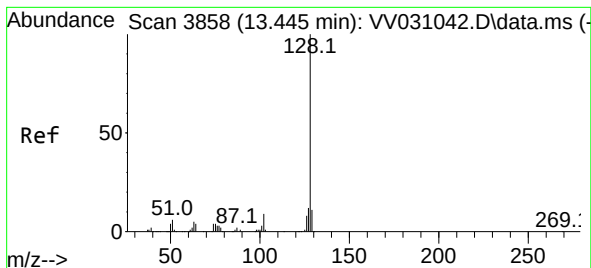


#70
 1,2,4-trichlorobenzene
 Concen: 4.337 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.003 min
 Lab File: VV031062.D
 Acq: 16 May 2023 18:53



Tgt Ion:180	Resp:	57814
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.0 114.0
145	28.6	22.9 34.3





#71

Naphthalene

Concen: 4.140 ug/L

RT: 13.448 min Scan# 3858

Delta R.T. 0.003 min

Lab File: VV031062.D

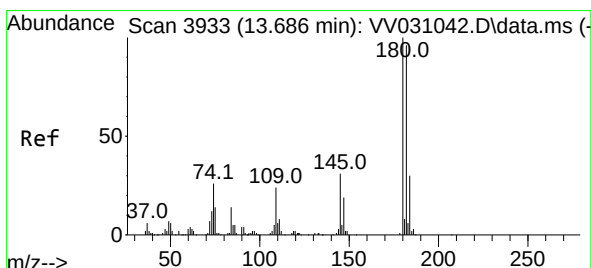
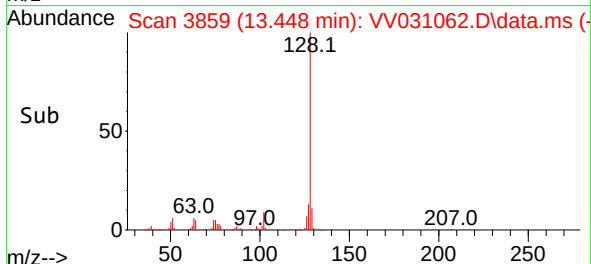
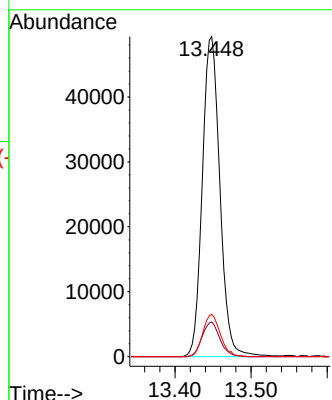
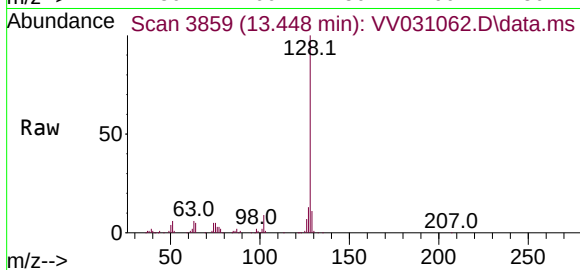
Acq: 16 May 2023 18:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	79145
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.6 13.0
127	13.2	10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 4.446 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031062.D

Acq: 16 May 2023 18:53

Tgt Ion:180	Resp:	50168
Ion Ratio	Lower	Upper
180	100	
182	95.3	77.3 115.9
145	30.4	24.7 37.1

