

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW030001.D
 Acq On : 30 Jan 2023 18:58
 Operator : SY/MD
 Sample : 01314-22MSD
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:21:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	492599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	478853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	296007	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140213	40.850	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.700%
7) Chloroethane-d5	1.561	69	131896	45.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.360%
11) 1,1-Dichloroethene-d2	2.105	63	291022	47.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.420%
21) 2-Butanone-d5	3.863	46	213910	106.949	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.950%
24) Chloroform-d	4.336	84	280228	43.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.820%
26) 1,2-Dichloroethane-d4	5.021	65	160625	44.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.920%
32) Benzene-d6	5.040	84	581093	45.358	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.720%
36) 1,2-Dichloropropane-d6	6.059	67	191448	48.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	7.304	98	515764	43.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
43) trans-1,3-Dichloroprop...	7.609	79	87462	49.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.860%
47) 2-Hexanone-d5	8.079	63	181596	107.098	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.100%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	286518	46.950	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.900%
66) 1,2-Dichlorobenzene-d4	11.236	152	284977	54.032	ug/L	-0.37
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	194105	55.043	ug/L	100
3) Chloromethane	1.240	50	278121	77.468	ug/L	99
5) Vinyl chloride	1.307	62	275563	66.696	ug/L	98
6) Bromomethane	1.513	94	79545	45.360	ug/L	99
8) Chloroethane	1.577	64	163575	61.944	ug/L	100
9) Trichlorofluoromethane	1.748	101	281853	50.578	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	173973	50.752	ug/L	95
12) 1,1-Dichloroethene	2.114	96	178368	53.933	ug/L	88
13) Acetone	2.153	43	175374	72.606	ug/L	98
14) Carbon disulfide	2.288	76	542646	64.284	ug/L	100
15) Methyl Acetate	2.420	43	189622	60.690	ug/L	94
16) Methylene chloride	2.500	84	212810	53.935	ug/L	93
17) trans-1,2-Dichloroethene	2.751	96	187997	54.206	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	572871	52.830	ug/L	98
19) 1,1-Dichloroethane	3.179	63	352302	55.879	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	276766	71.289	ug/L	96
22) 2-Butanone	3.947	43	260954	104.446	ug/L	95
23) Bromochloromethane	4.233	128	103807	51.084	ug/L	88
25) Chloroform	4.362	83	336411	51.363	ug/L	99

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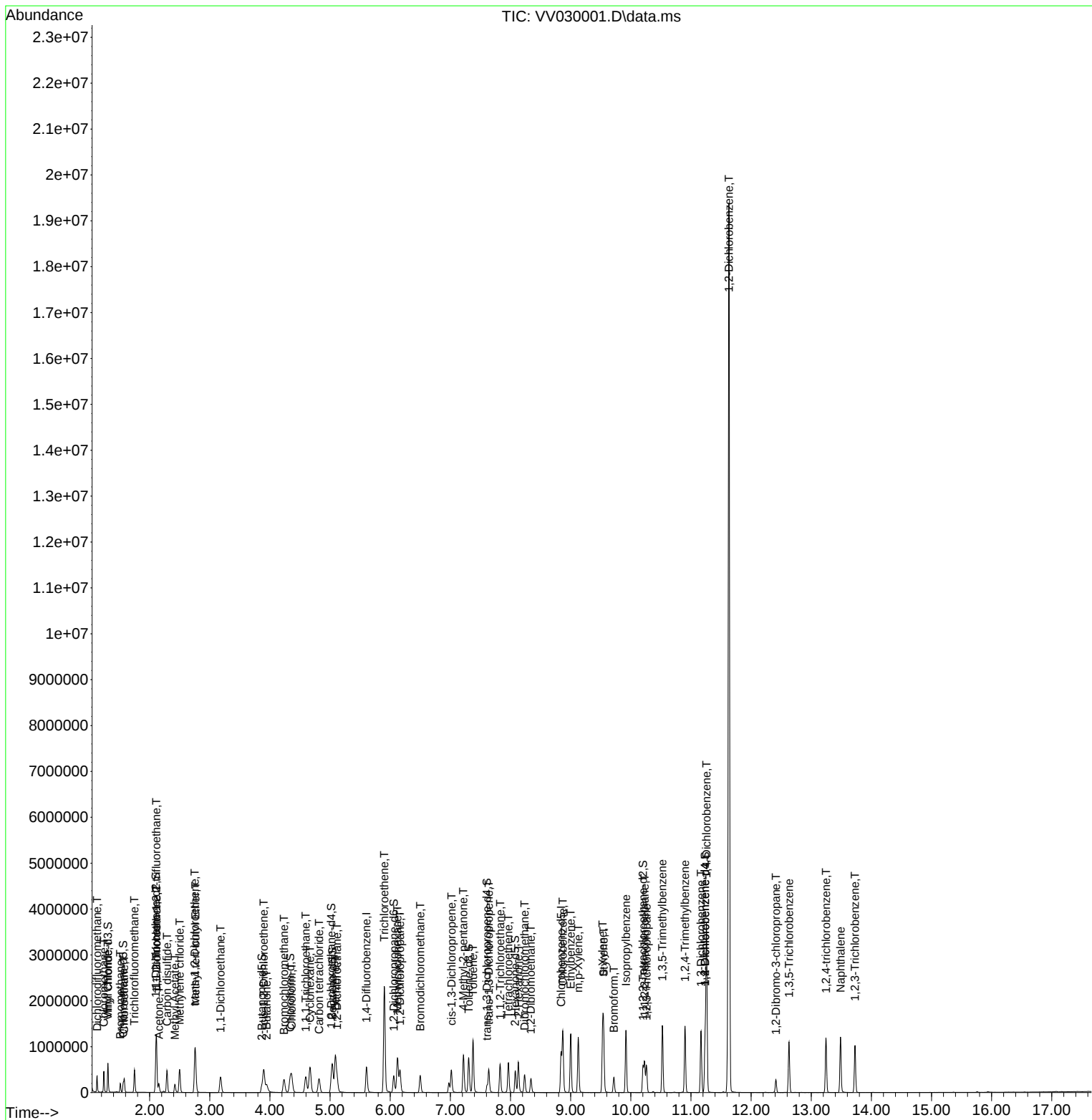
Instrument :
 MSVOA_V
 ClientSampleId :

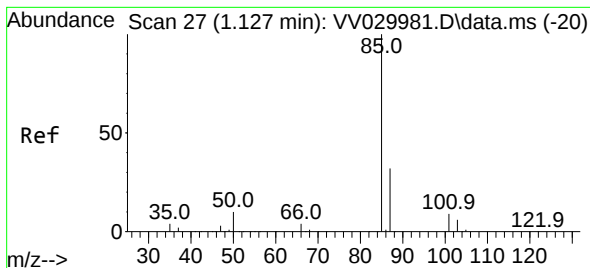
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 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	242389	53.599	ug/L	99
29) Cyclohexane	4.667	56	310130	61.736	ug/L	95
30) 1,1,1-Trichloroethane	4.596	97	281567	50.617	ug/L	97
31) Carbon tetrachloride	4.818	117	234448	49.695	ug/L	97
33) Benzene	5.088	78	819835	56.966	ug/L	100
34) Trichloroethene	5.902	95	831724	229.546	ug/L	96
35) Methylcyclohexane	6.121	83	335603	57.336	ug/L	98
37) 1,2-Dichloropropane	6.162	63	211764	56.632	ug/L	99
38) Bromodichloromethane	6.500	83	256603	52.826	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	314975	59.602	ug/L	98
40) 4-Methyl-2-pentanone	7.217	43	525069	126.904	ug/L	96
42) Toluene	7.378	91	842384	54.817	ug/L	99
44) trans-1,3-Dichloropropene	7.638	75	295752	59.824	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	197597	52.240	ug/L	98
46) Tetrachloroethene	7.966	164	151649	50.738	ug/L	99
48) 2-Hexanone	8.130	43	393013	115.818	ug/L	95
49) Dibromochloromethane	8.236	129	202021	51.313	ug/L	99
50) 1,2-Dibromoethane	8.339	107	203867	53.822	ug/L	99
51) Chlorobenzene	8.870	112	719369	68.121	ug/L	99
52) Ethylbenzene	9.001	91	888040	52.874	ug/L	99
53) m,p-Xylene	9.127	106	345602	51.821	ug/L	100
54) o-Xylene	9.532	106	337311	52.240	ug/L	100
55) Styrene	9.548	104	602090	51.704	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.230	83	341008	53.682	ug/L	99
59) Bromoform	9.718	173	149211	50.824	ug/L	99
60) Isopropylbenzene	9.921	105	879680	49.818	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	249674	51.793	ug/L	98
62) 1,3,5-Trimethylbenzene	10.526	105	753676	50.835	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	759717	51.412	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	551915	61.868	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	1439994	155.806	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	7338654	817.168	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.413	75	70199	54.496	ug/L	98
69) 1,3,5-Trichlorobenzene	12.632	180	331109	47.675	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	364635	59.483	ug/L	99
71) Naphthalene	13.487	128	922777	55.971	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	314221	52.598	ug/L	99

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

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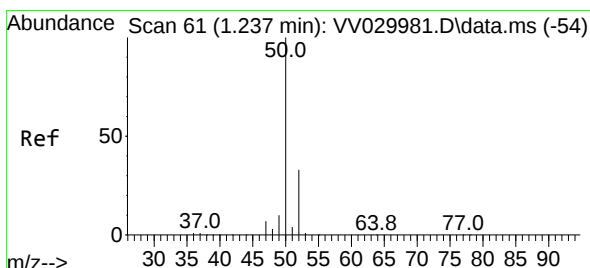
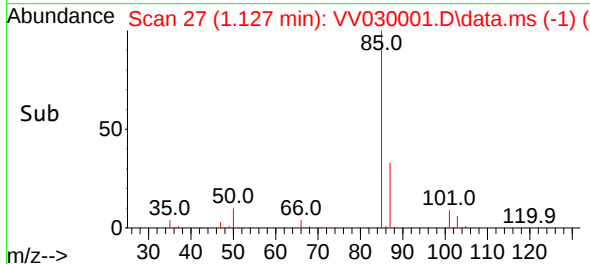
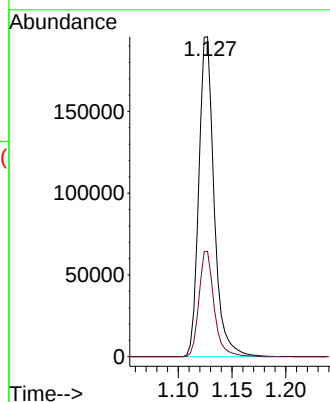
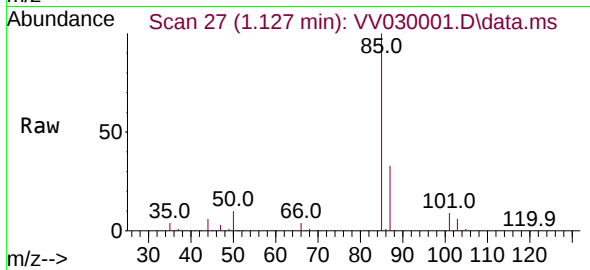




#2
 Dichlorodifluoromethane
 Concen: 55.043 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

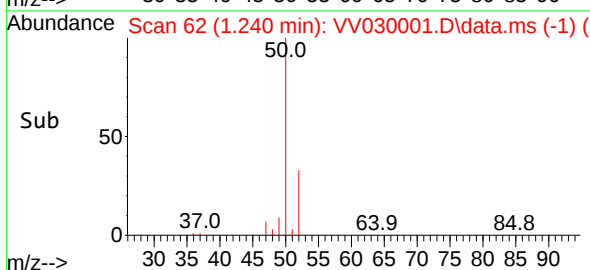
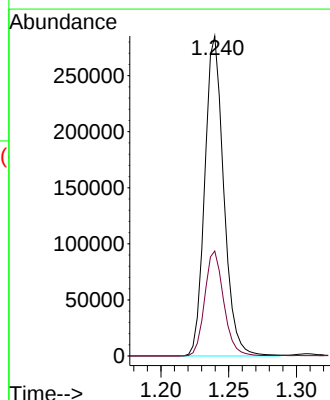
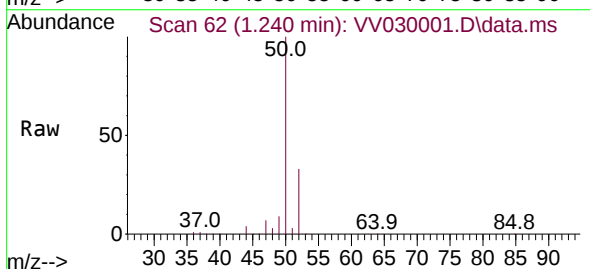
Instrument :
 MSVOA_V
 ClientSampleId :

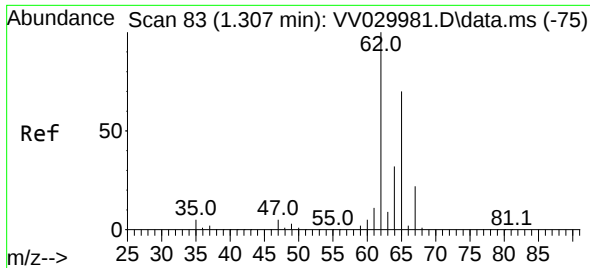
Tgt Ion: 85 Resp: 194105
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.4



#3
 Chloromethane
 Concen: 77.468 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

Tgt Ion: 50 Resp: 278121
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.4 43.4

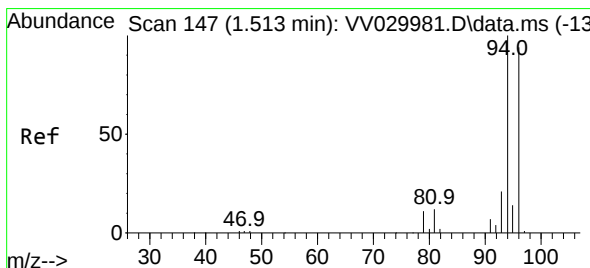
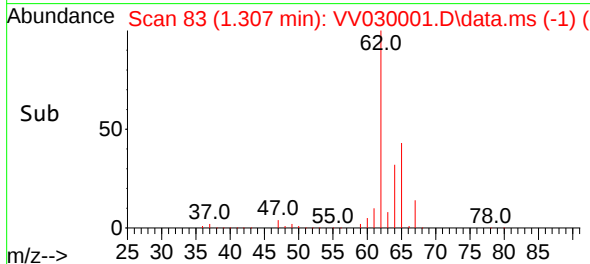
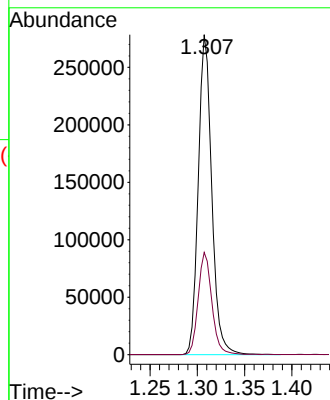
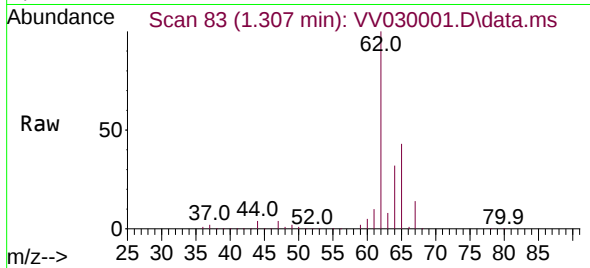




#5
 Vinyl chloride
 Concen: 66.696 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

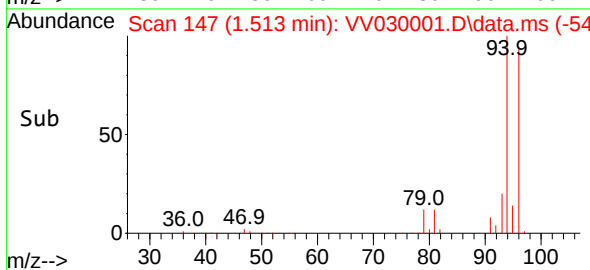
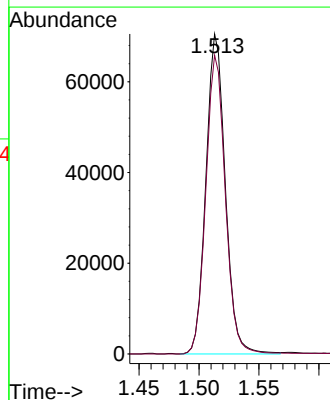
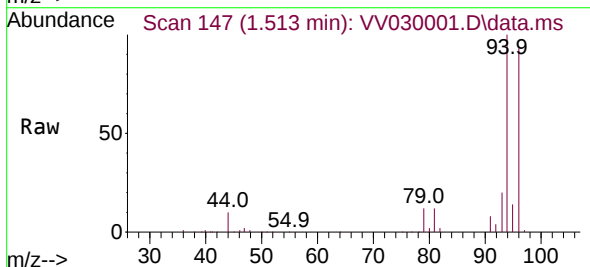
Instrument :
 MSVOA_V
 ClientSampleId :

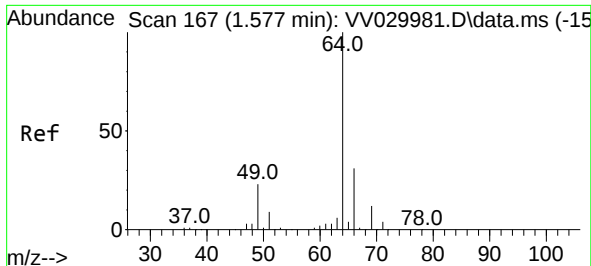
Tgt Ion: 62 Resp: 275563
 Ion Ratio Lower Upper
 62 100
 64 32.0 23.0 42.8



#6
 Bromomethane
 Concen: 45.360 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

Tgt Ion: 94 Resp: 79545
 Ion Ratio Lower Upper
 94 100
 96 93.4 64.8 120.4

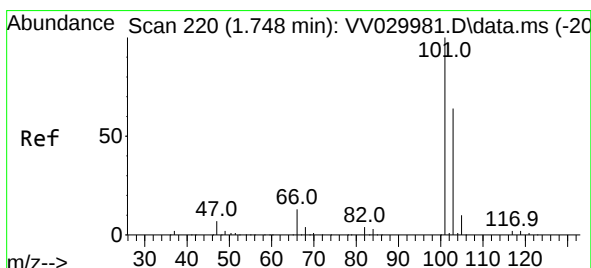
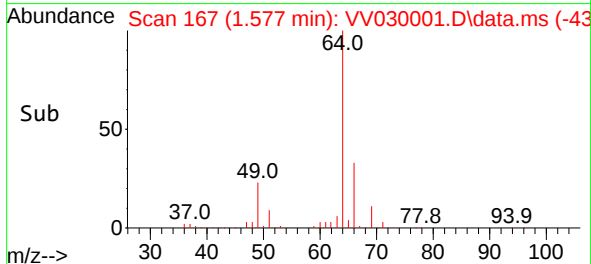
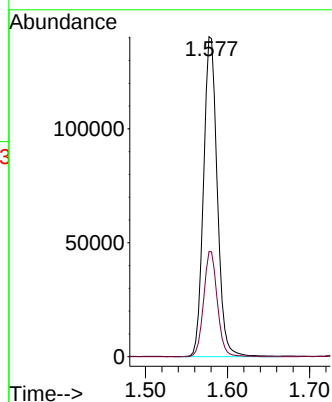
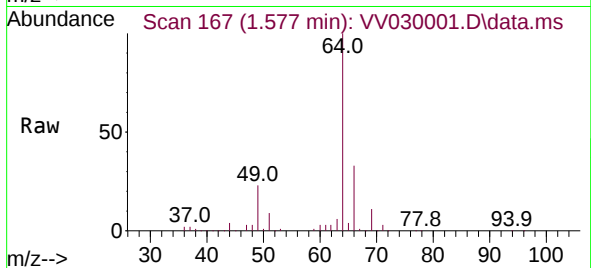




#8
Chloroethane
Concen: 61.944 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

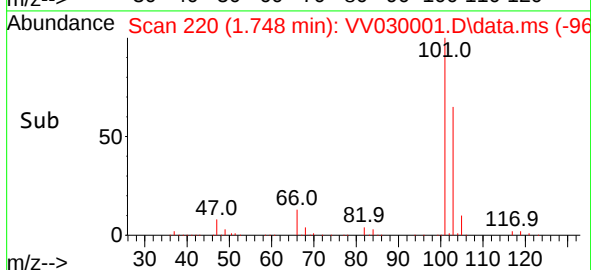
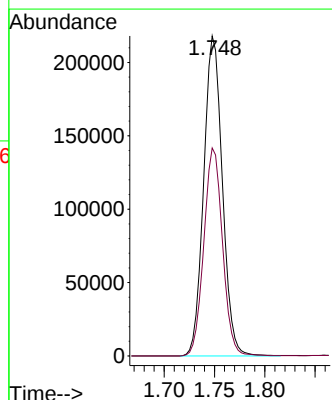
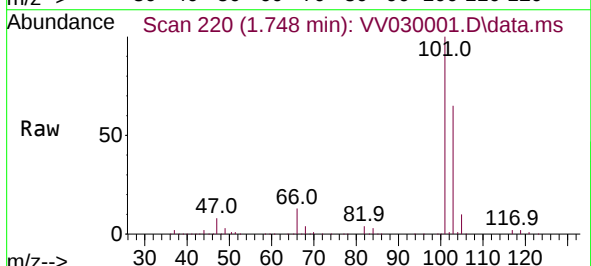
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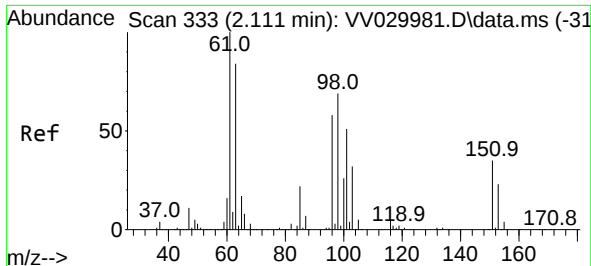
Tgt Ion: 64 Resp: 163575
Ion Ratio Lower Upper
64 100
66 32.8 23.1 42.9



#9
Trichlorofluoromethane
Concen: 50.578 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:101 Resp: 281853
Ion Ratio Lower Upper
101 100
103 65.0 51.3 76.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.752 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.000 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

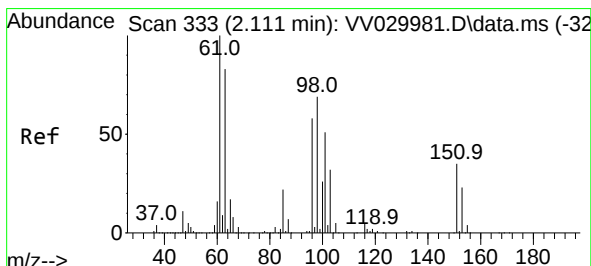
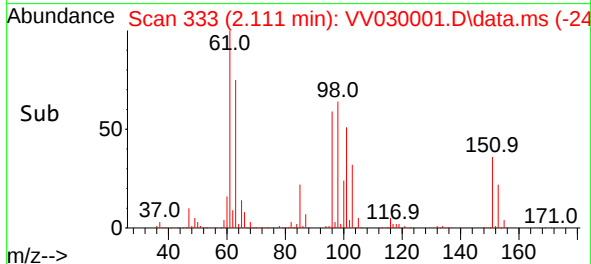
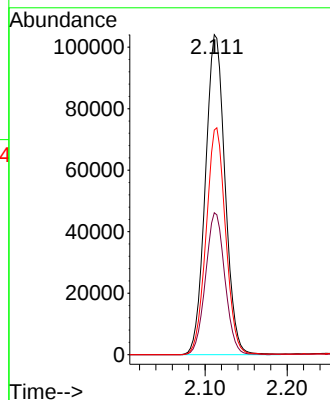
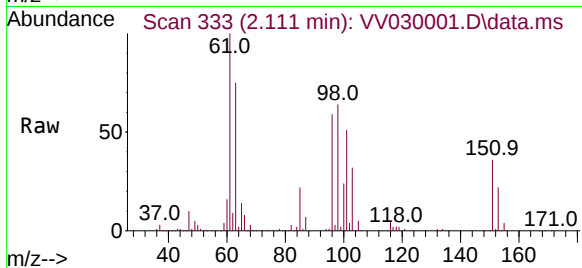
Tgt Ion:101 Resp: 173973

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

151 70.1 61.0 91.4



#12

1,1-Dichloroethene

Concen: 53.933 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

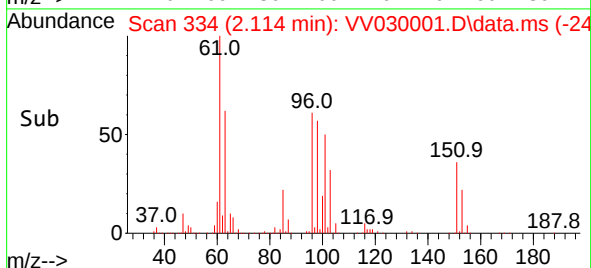
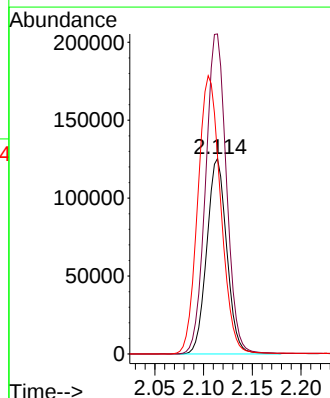
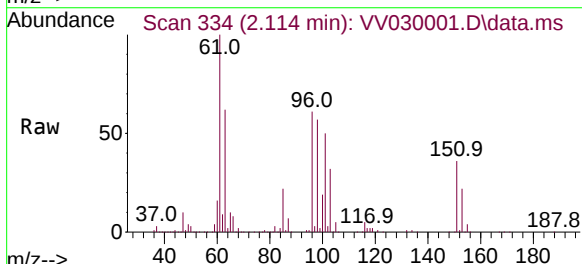
Tgt Ion: 96 Resp: 178368

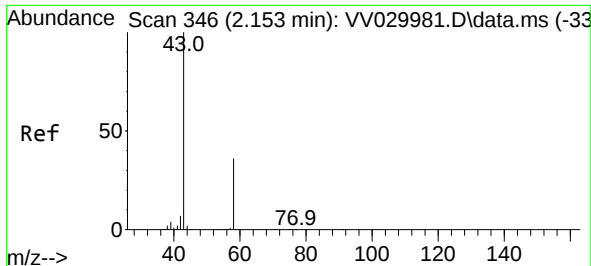
Ion Ratio Lower Upper

96 100

61 163.8 110.2 204.6

63 101.7 88.6 164.6





#13

Acetone

Concen: 72.606 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

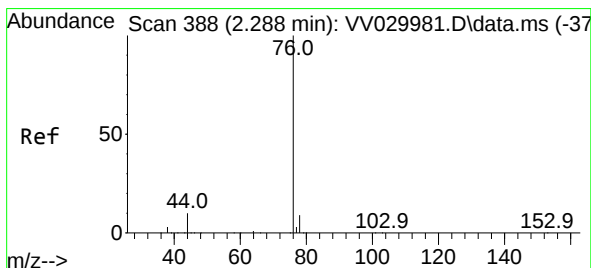
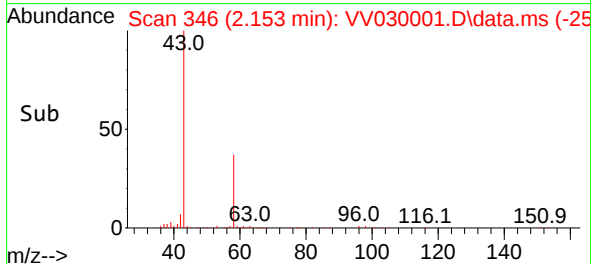
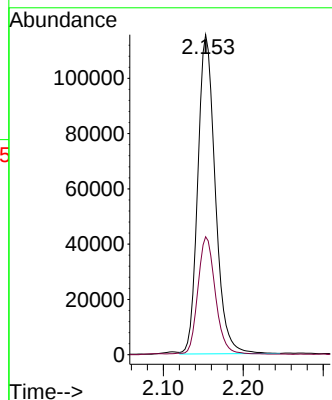
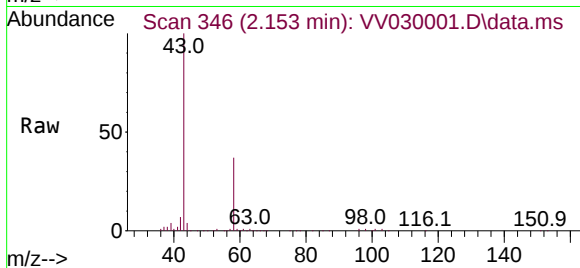
ClientSampleId :

Tgt Ion: 43 Resp: 175374

Ion Ratio Lower Upper

43 100

58 36.8 0.0 76.0



#14

Carbon disulfide

Concen: 64.284 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV030001.D

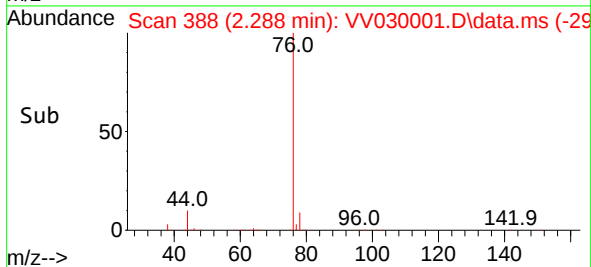
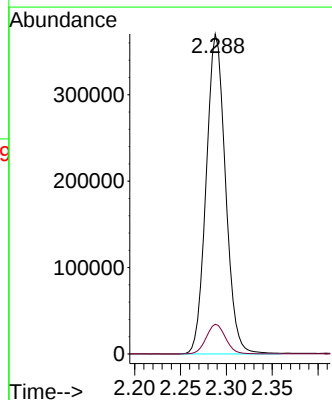
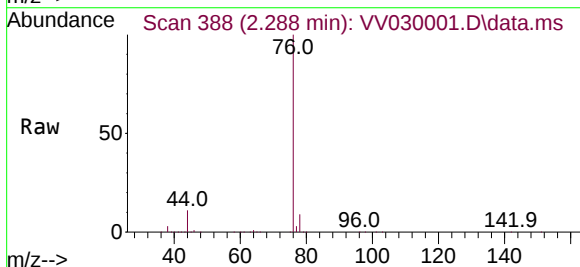
Acq: 30 Jan 2023 18:58

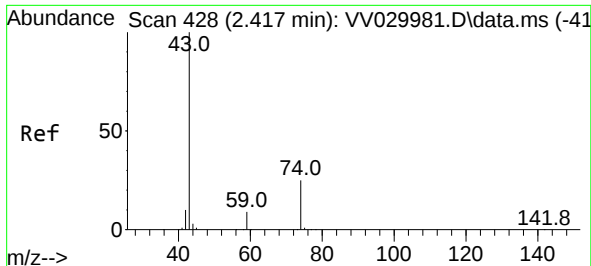
Tgt Ion: 76 Resp: 542646

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

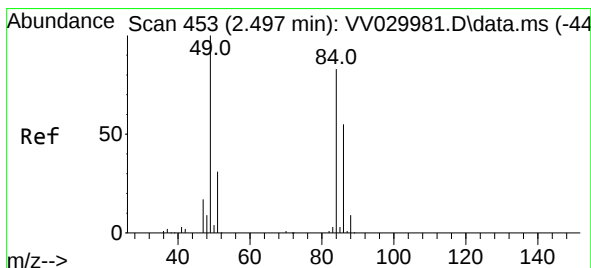
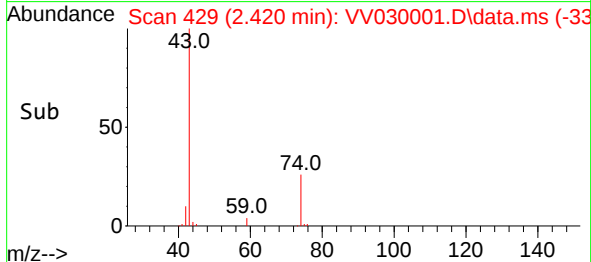
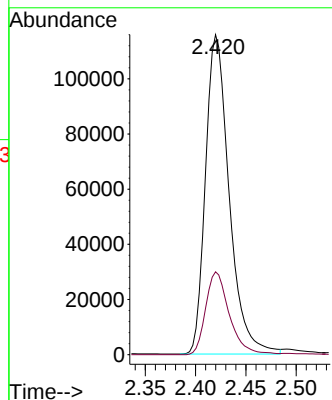
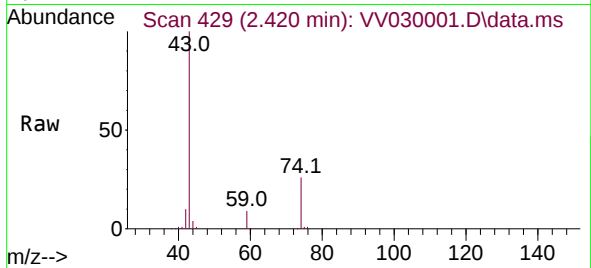




#15
Methyl Acetate
Concen: 60.690 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

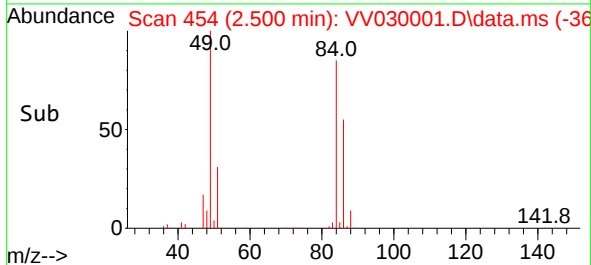
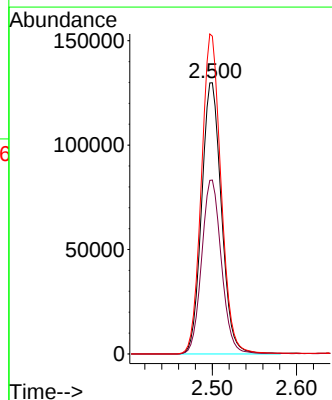
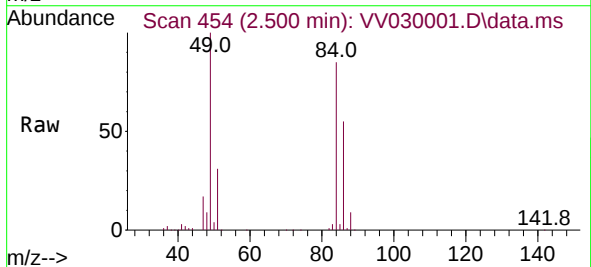
Instrument :
MSVOA_V
ClientSampleId :

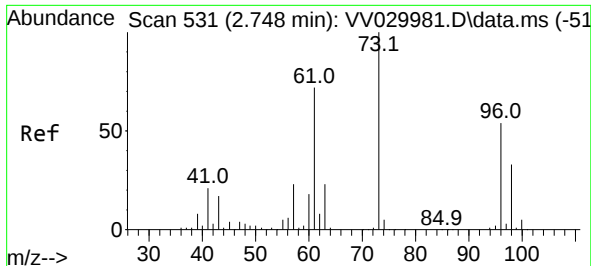
Tgt Ion: 43 Resp: 189622
Ion Ratio Lower Upper
43 100
74 25.9 23.3 34.9



#16
Methylene chloride
Concen: 53.935 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion: 84 Resp: 212810
Ion Ratio Lower Upper
84 100
86 64.2 45.3 84.1
49 117.2 74.1 137.5





#17

trans-1,2-Dichloroethene

Concen: 54.206 ug/L

RT: 2.751 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

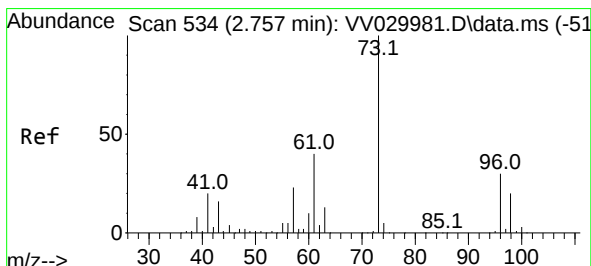
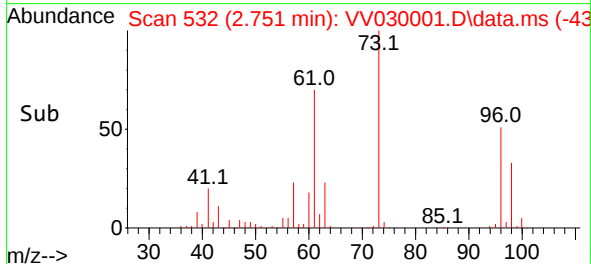
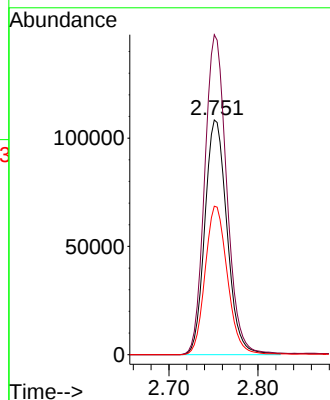
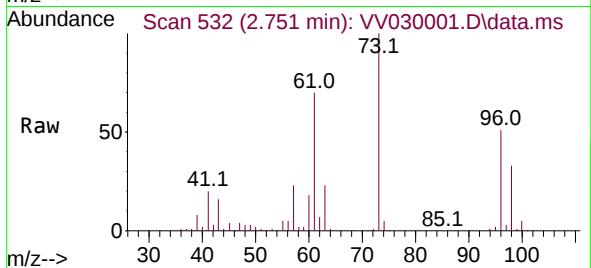
Tgt Ion: 96 Resp: 187997

Ion Ratio Lower Upper

96 100

61 136.3 86.9 161.5

98 63.3 44.7 83.1



#18

Methyl tert-butyl Ether

Concen: 52.830 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

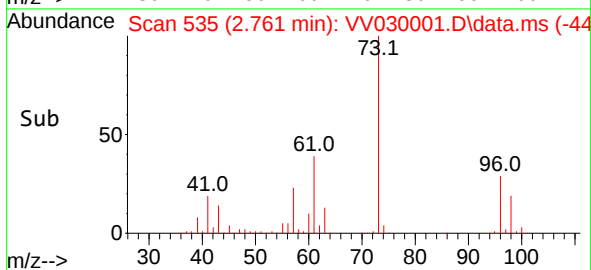
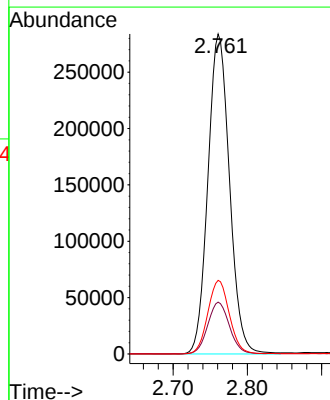
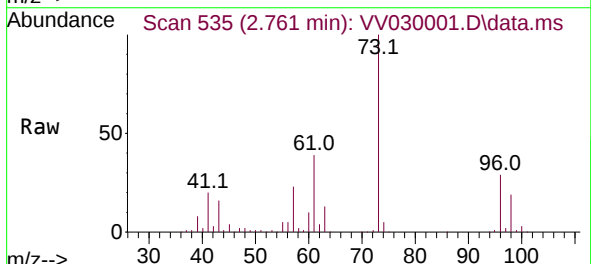
Tgt Ion: 73 Resp: 572871

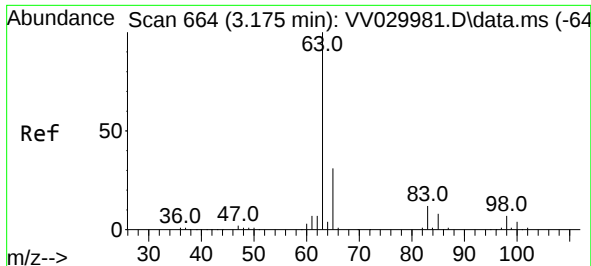
Ion Ratio Lower Upper

73 100

43 16.1 12.8 19.2

57 22.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 55.879 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

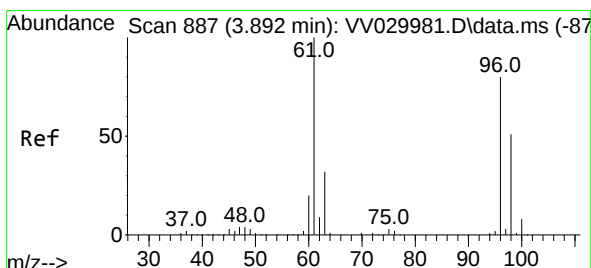
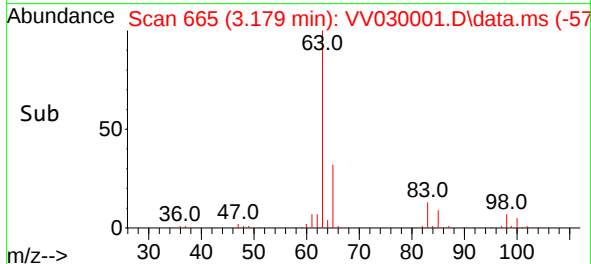
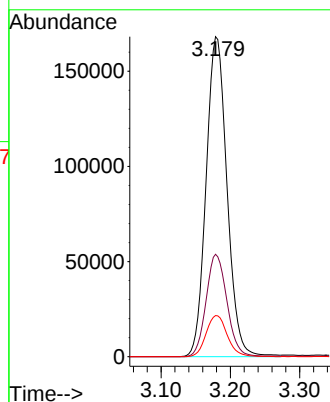
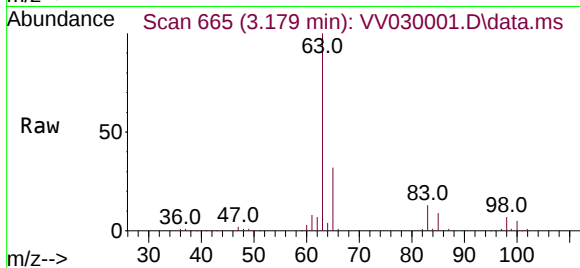
Tgt Ion: 63 Resp: 352302

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.3

83 12.8 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 71.289 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.006 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

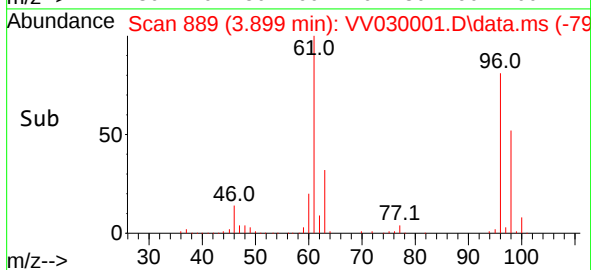
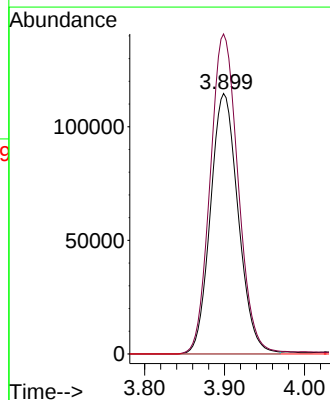
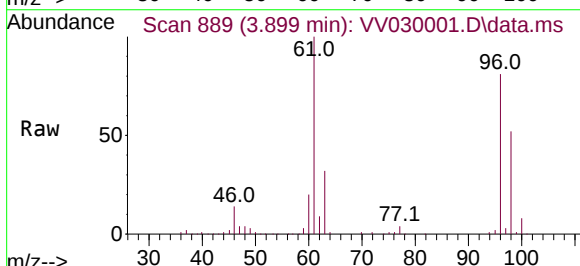
Tgt Ion: 96 Resp: 276766

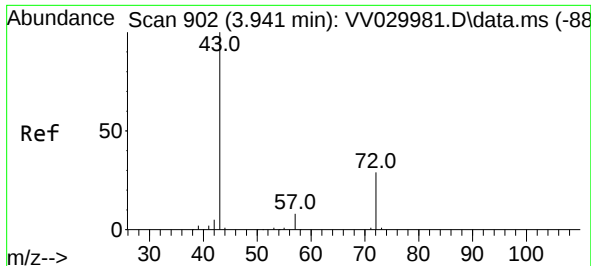
Ion Ratio Lower Upper

96 100

61 122.8 82.5 153.3

68 0.0 0.0 0.0

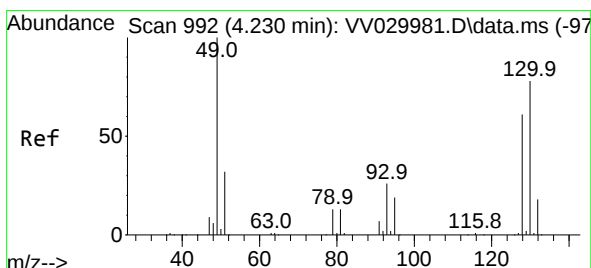
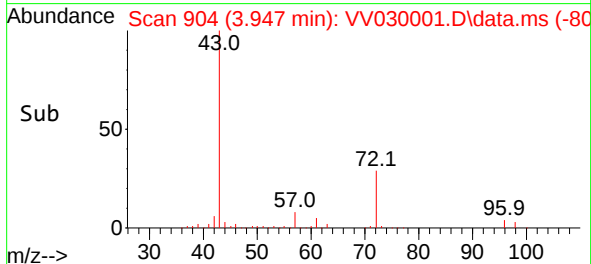
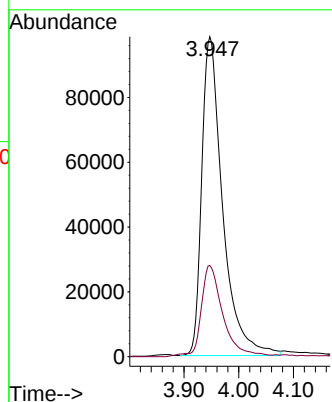
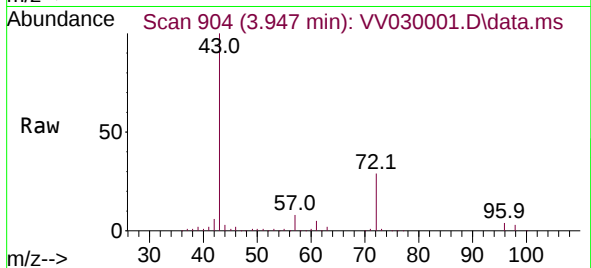




#22
2-Butanone
Concen: 104.446 ug/L
RT: 3.947 min Scan# 904
Delta R.T. 0.006 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

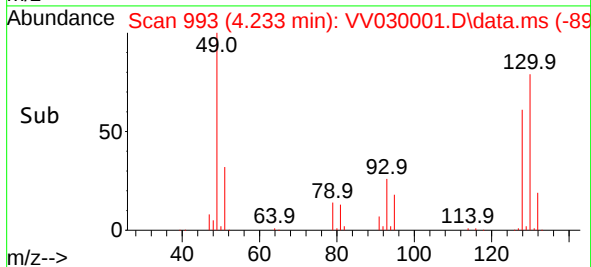
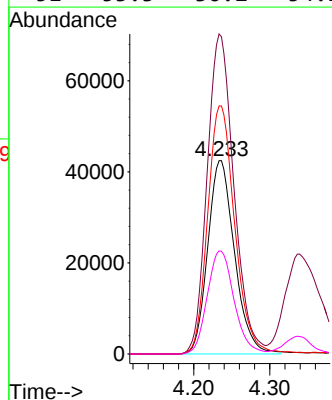
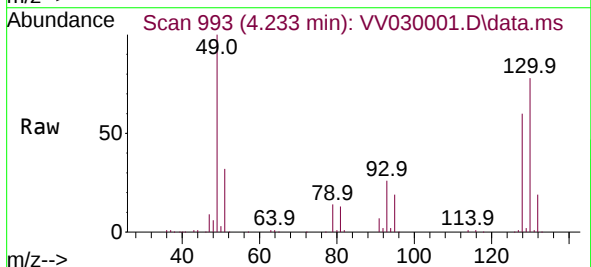
Instrument :
MSVOA_V
ClientSampleId :

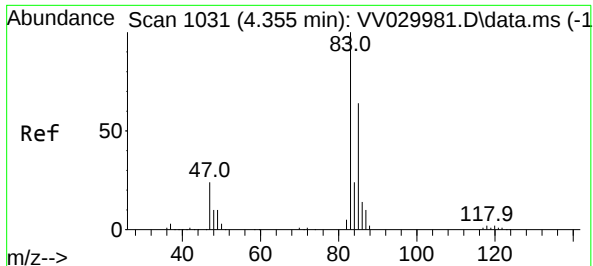
Tgt Ion: 43 Resp: 260954
Ion Ratio Lower Upper
43 100
72 28.0 15.4 46.4



#23
Bromochloromethane
Concen: 51.084 ug/L
RT: 4.233 min Scan# 993
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:128 Resp: 103807
Ion Ratio Lower Upper
128 100
49 165.5 97.3 180.7
130 128.3 89.7 166.5
51 53.3 36.2 54.2





#25

Chloroform

Concen: 51.363 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

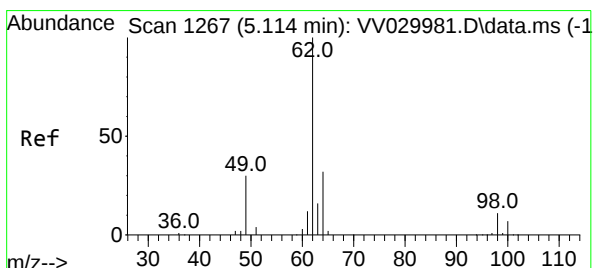
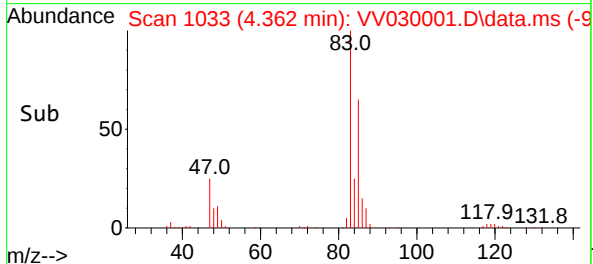
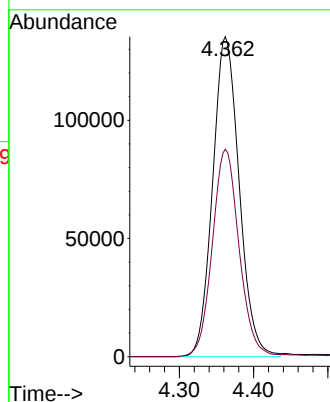
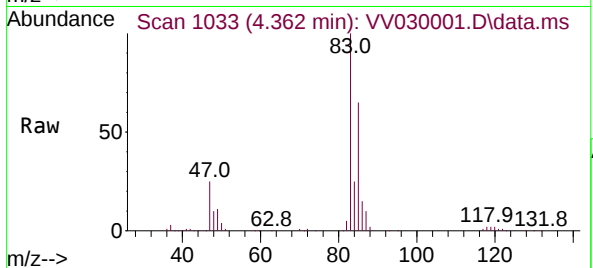
ClientSampleId :

Tgt Ion: 83 Resp: 336411

Ion Ratio Lower Upper

83 100

85 64.9 44.8 83.2



#27

1,2-Dichloroethane

Concen: 53.599 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. 0.003 min

Lab File: VV030001.D

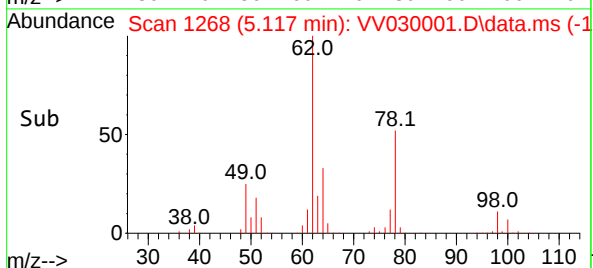
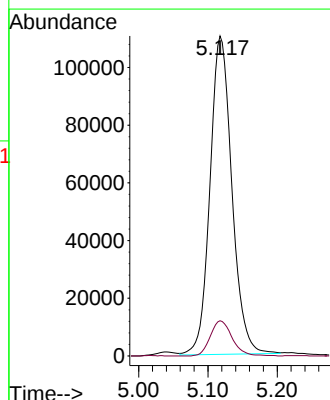
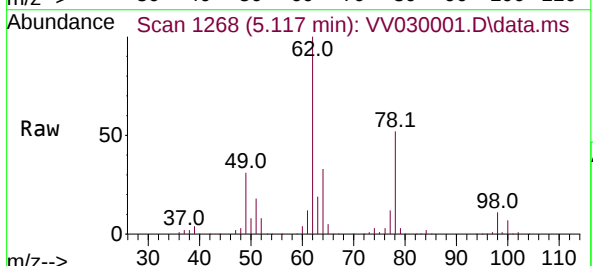
Acq: 30 Jan 2023 18:58

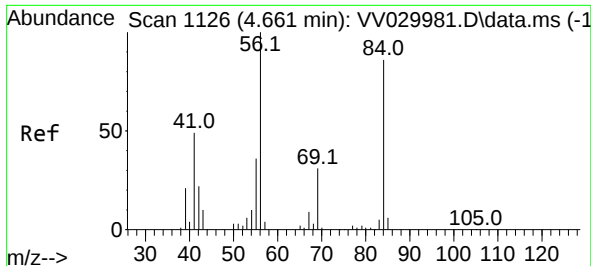
Tgt Ion: 62 Resp: 242389

Ion Ratio Lower Upper

62 100

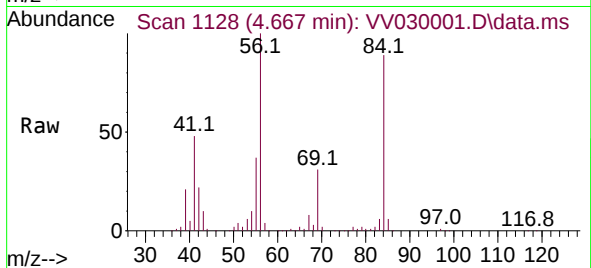
98 11.0 9.0 13.4



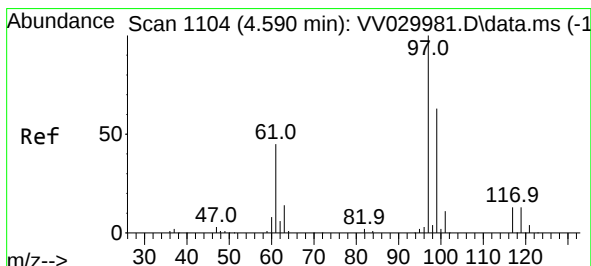
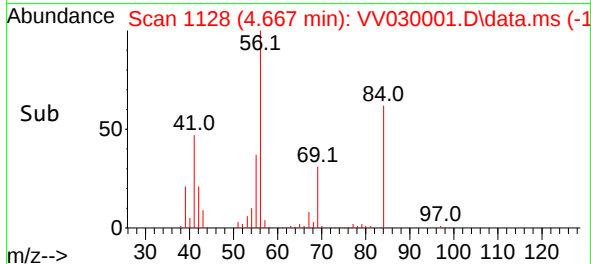
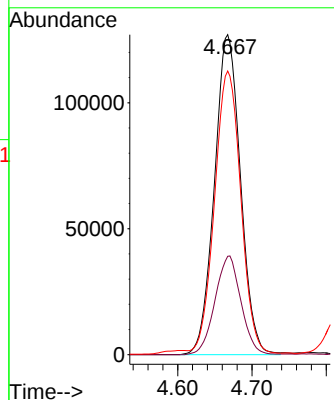


#29
Cyclohexane
Concen: 61.736 ug/L
RT: 4.667 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Instrument :
MSVOA_V
ClientSampleId :

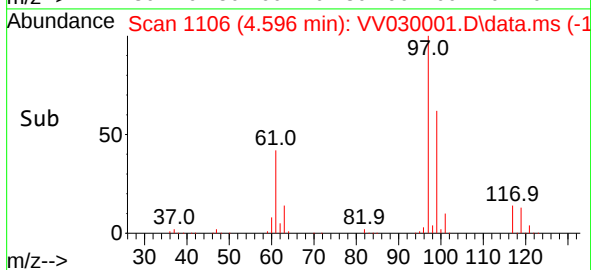
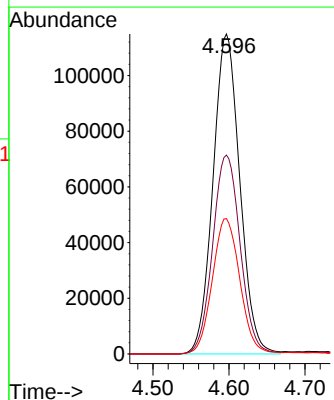
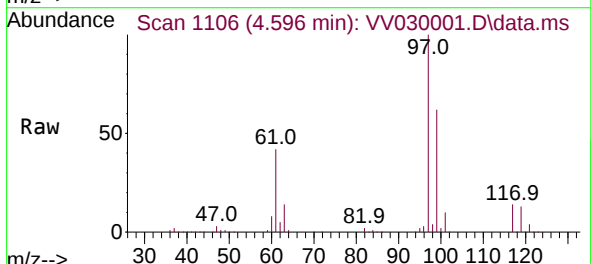


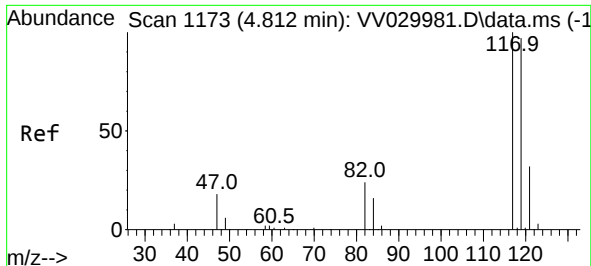
Tgt Ion: 56 Resp: 310130
Ion Ratio Lower Upper
56 100
69 30.7 26.2 39.4
84 88.6 74.7 112.1



#30
1,1,1-Trichloroethane
Concen: 50.617 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion: 97 Resp: 281567
Ion Ratio Lower Upper
97 100
99 63.9 51.9 77.9
61 43.5 32.2 48.2

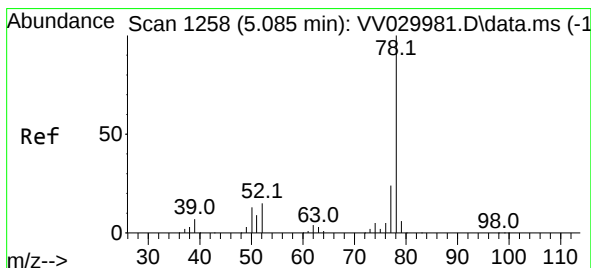
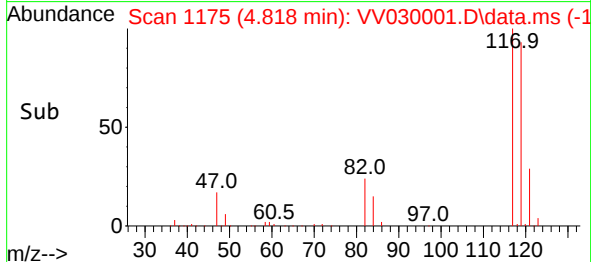
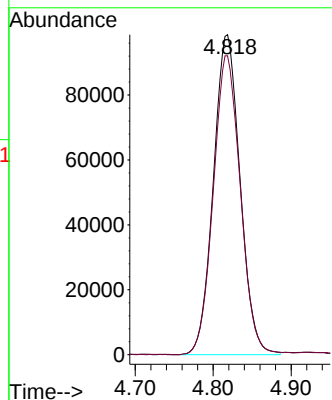
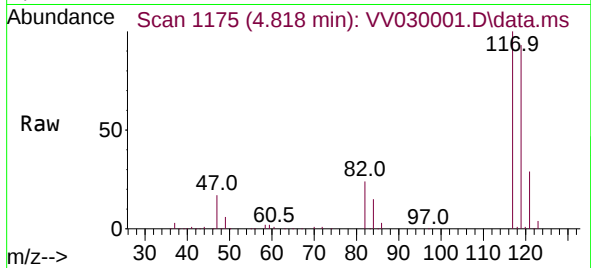




#31
Carbon tetrachloride
Concen: 49.695 ug/L
RT: 4.818 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

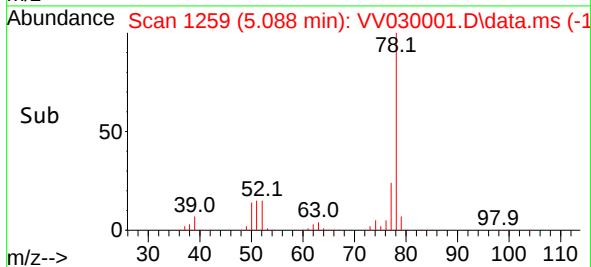
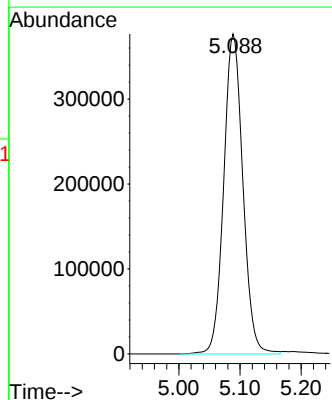
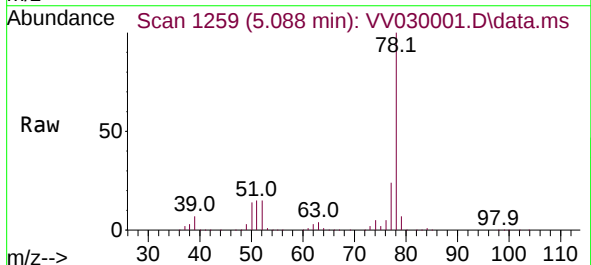
Instrument :
MSVOA_V
ClientSampleId :

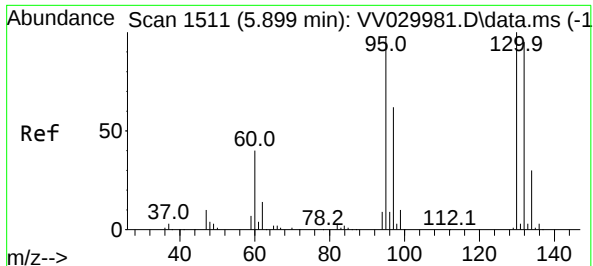
Tgt Ion:117 Resp: 234448
Ion Ratio Lower Upper
117 100
119 94.8 77.9 116.9



#33
Benzene
Concen: 56.966 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion: 78 Resp: 819835





#34

Trichloroethene

Concen: 229.546 ug/L

RT: 5.902 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 831724

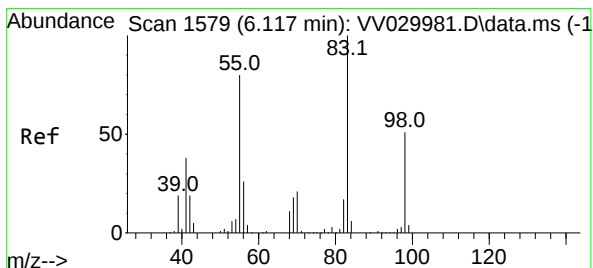
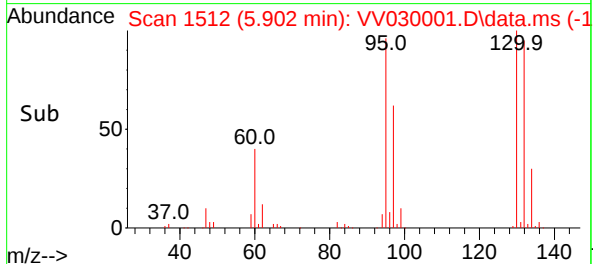
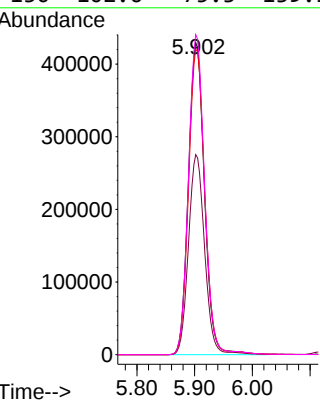
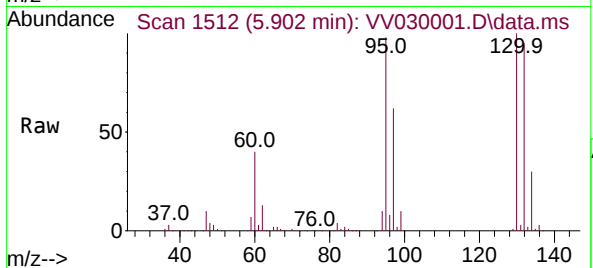
Ion Ratio Lower Upper

95 100

97 64.1 46.5 86.5

132 97.9 71.8 133.4

130 102.6 75.3 139.9



#35

Methylcyclohexane

Concen: 57.336 ug/L

RT: 6.121 min Scan# 1580

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

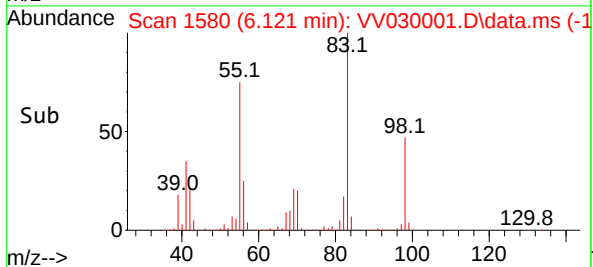
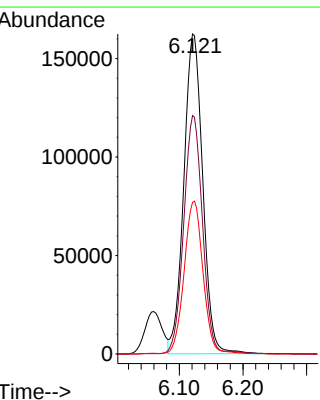
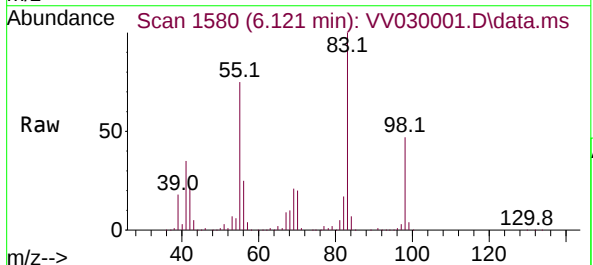
Tgt Ion: 83 Resp: 335603

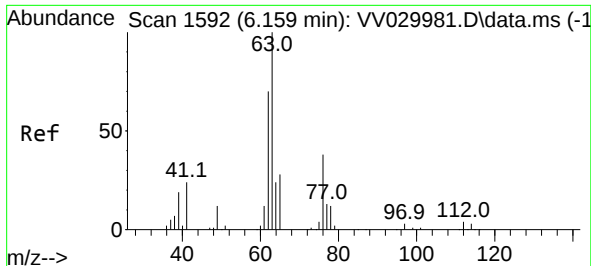
Ion Ratio Lower Upper

83 100

55 73.2 56.2 84.2

98 47.7 38.5 57.7





#37

1,2-Dichloropropane

Concen: 56.632 ug/L

RT: 6.162 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

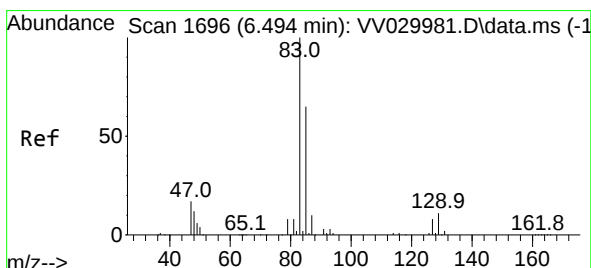
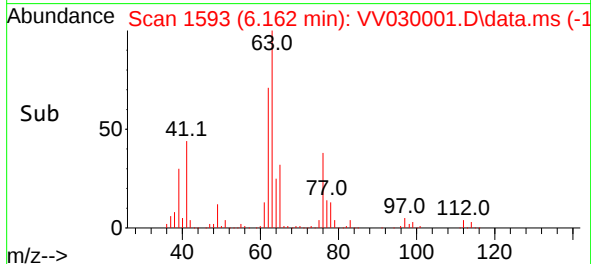
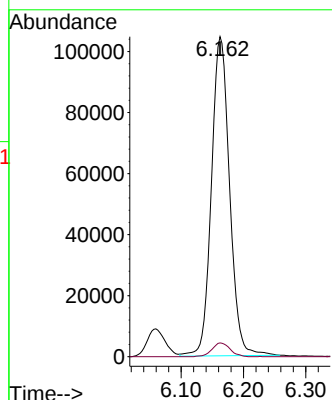
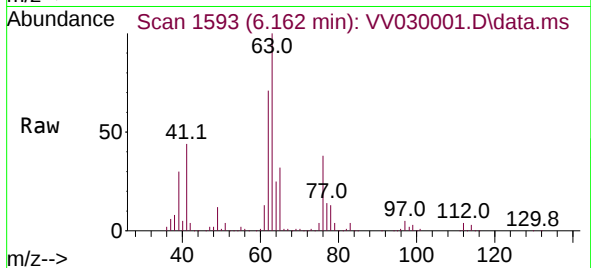
ClientSampleId :

Tgt Ion: 63 Resp: 211764

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 52.826 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. 0.006 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

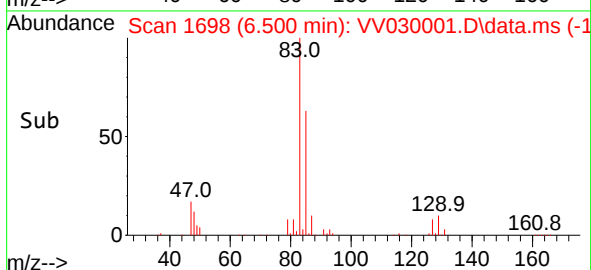
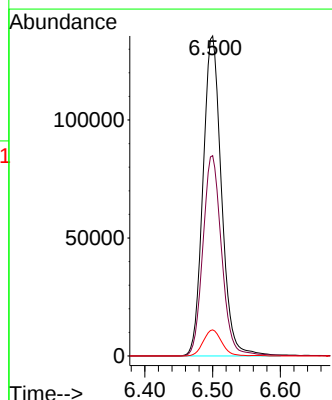
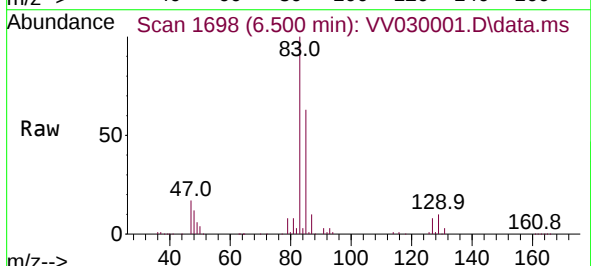
Tgt Ion: 83 Resp: 256603

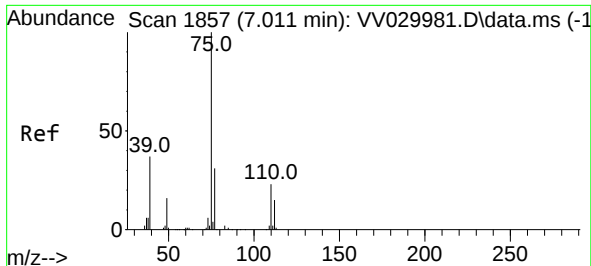
Ion Ratio Lower Upper

83 100

85 62.6 44.2 82.0

127 8.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 59.602 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. 0.006 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

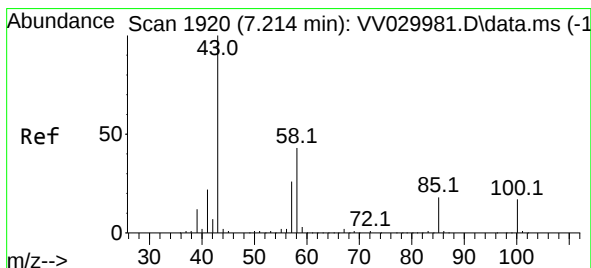
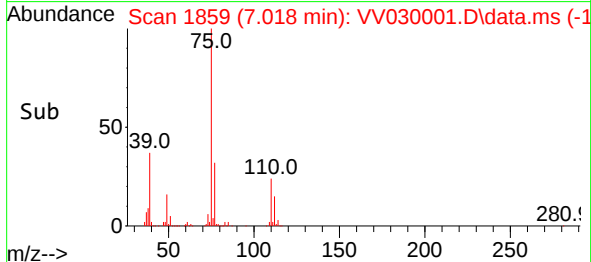
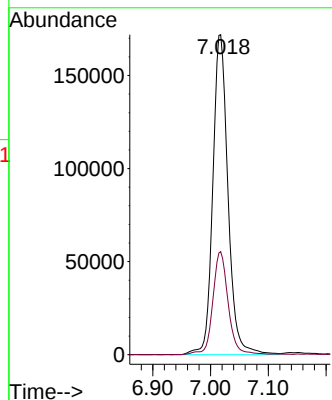
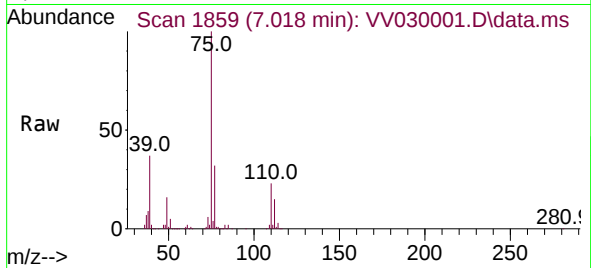
ClientSampleId :

Tgt Ion: 75 Resp: 314975

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 126.904 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

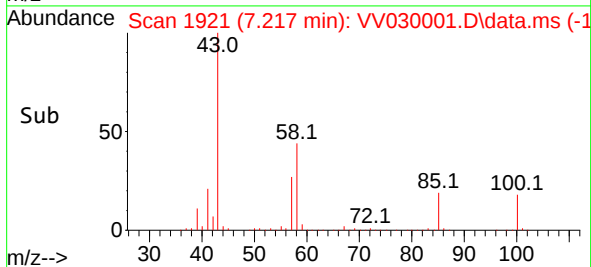
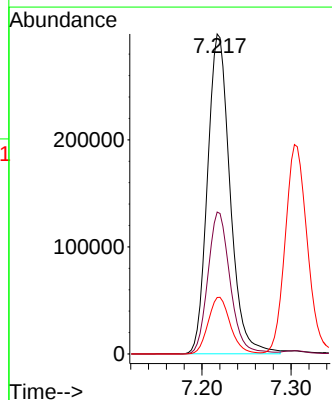
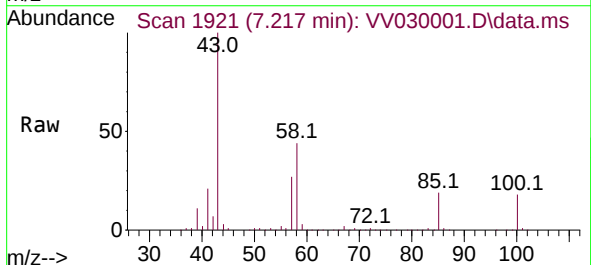
Tgt Ion: 43 Resp: 525069

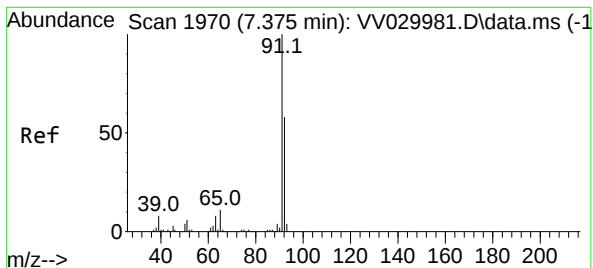
Ion Ratio Lower Upper

43 100

58 43.8 37.0 55.6

100 17.5 16.2 24.2





#42

Toluene

Concen: 54.817 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

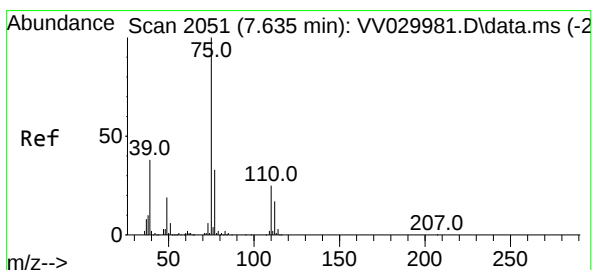
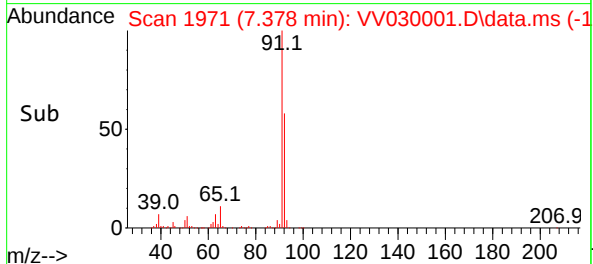
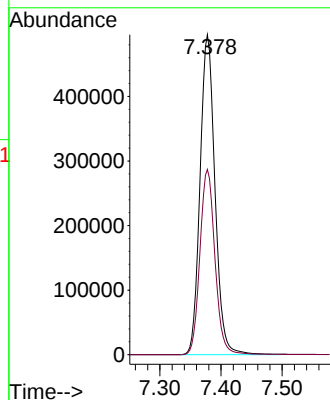
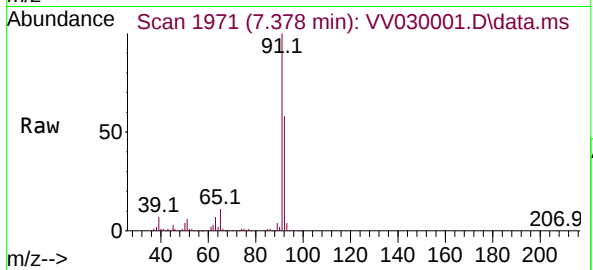
ClientSampleId :

Tgt Ion: 91 Resp: 842384

Ion Ratio Lower Upper

91 100

92 57.9 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 59.824 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. 0.003 min

Lab File: VV030001.D

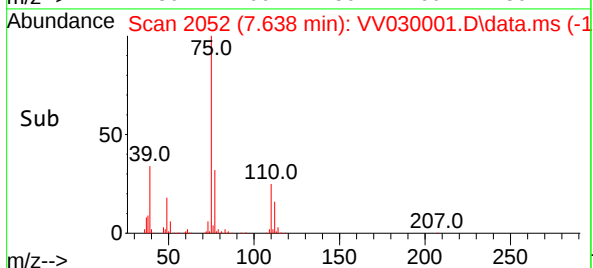
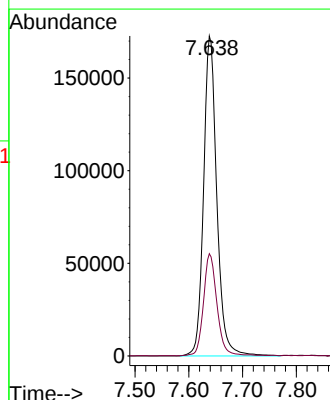
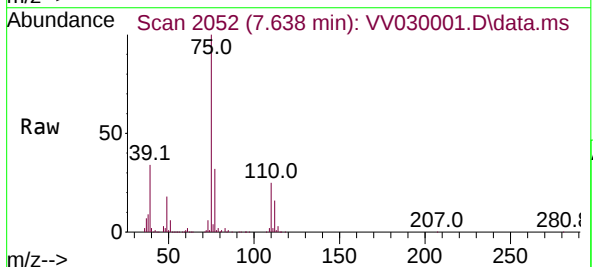
Acq: 30 Jan 2023 18:58

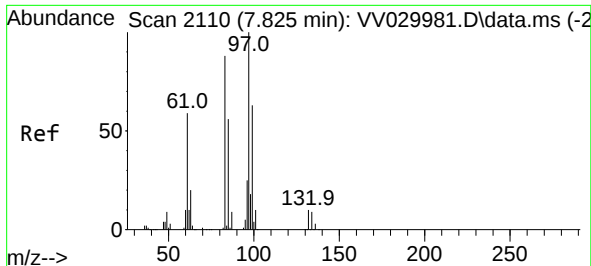
Tgt Ion: 75 Resp: 295752

Ion Ratio Lower Upper

75 100

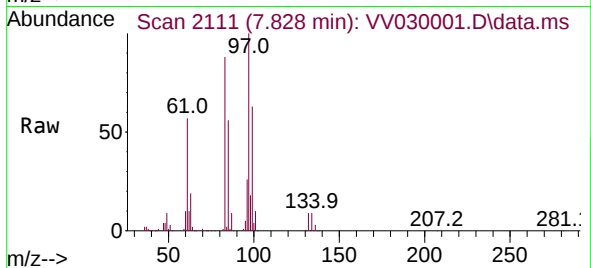
77 32.0 22.4 41.6



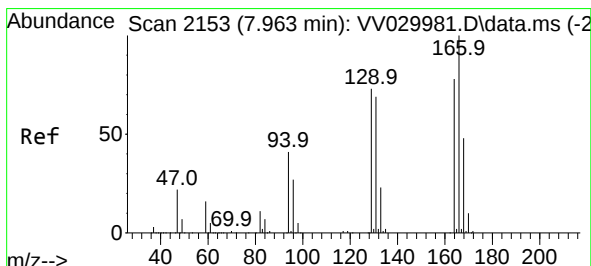
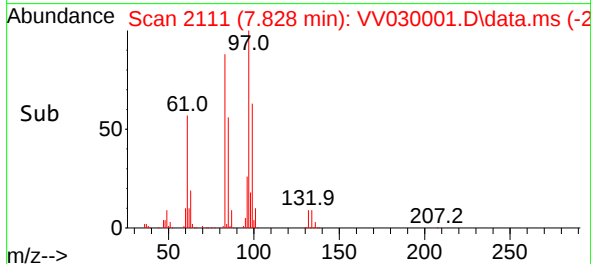
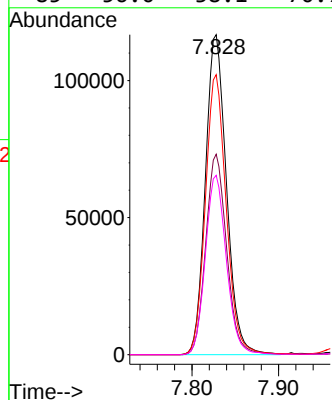


#45
1,1,2-Trichloroethane
Concen: 52.240 ug/L
RT: 7.828 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Instrument :
MSVOA_V
ClientSampleId :

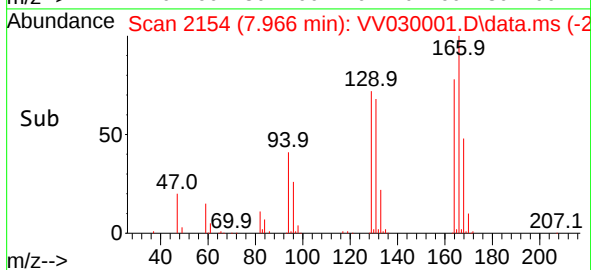
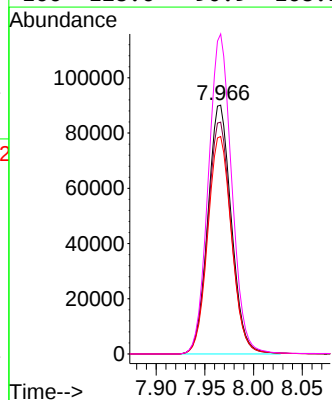
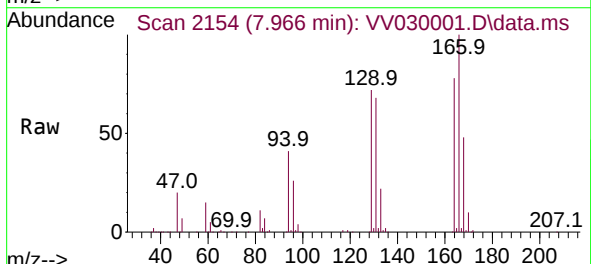


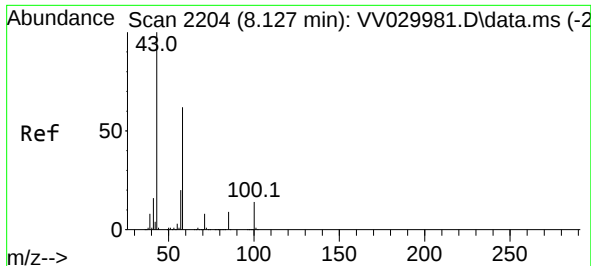
Tgt Ion:	97	Resp:	197597
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.9	81.5
83	87.5	59.5	110.5
85	56.0	38.1	70.7



#46
Tetrachloroethene
Concen: 50.738 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:	164	Resp:	151649
Ion	Ratio	Lower	Upper
164	100		
129	93.2	64.6	120.0
131	87.4	61.8	114.8
166	128.6	90.9	168.9

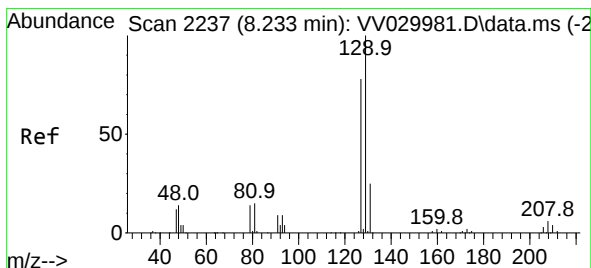
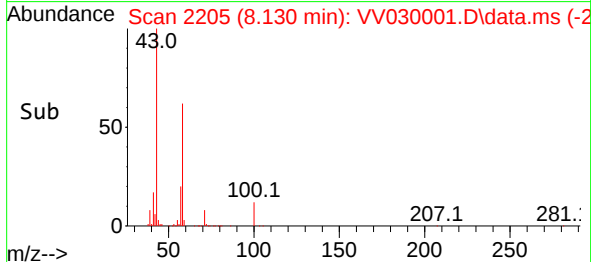
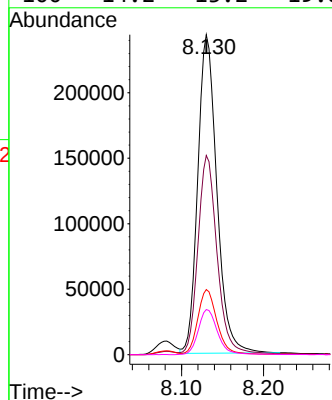
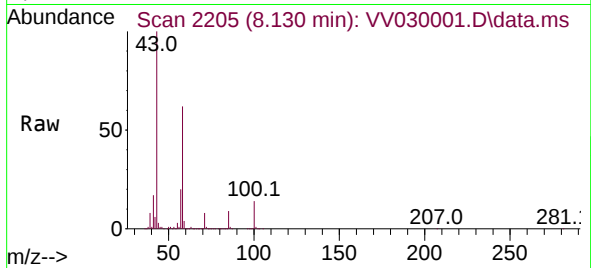




#48
2-Hexanone
Concen: 115.818 ug/L
RT: 8.130 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

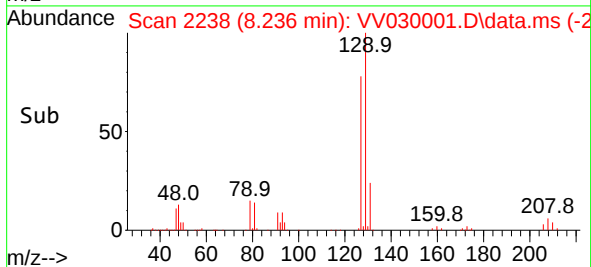
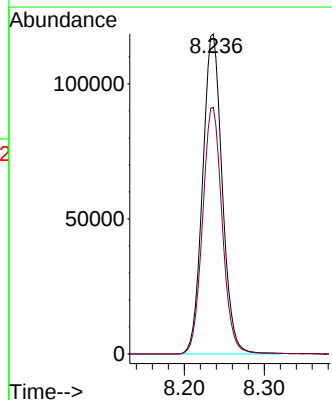
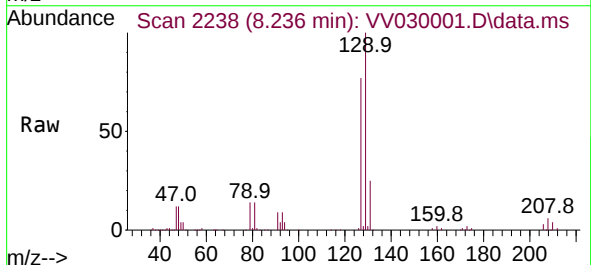
Instrument :
MSVOA_V
ClientSampleId :

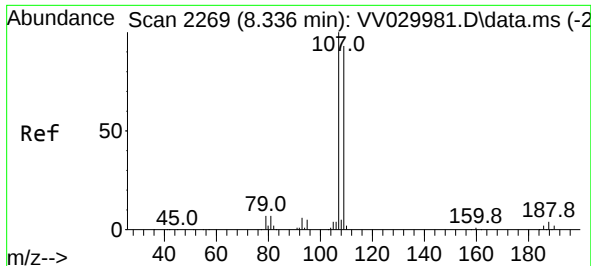
Tgt Ion: 43 Resp: 393013
Ion Ratio Lower Upper
43 100
58 62.3 53.2 79.8
57 20.4 17.6 26.4
100 14.2 13.2 19.8



#49
Dibromochloromethane
Concen: 51.313 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:129 Resp: 202021
Ion Ratio Lower Upper
129 100
127 77.1 53.5 99.5





#50

1,2-Dibromoethane

Concen: 53.822 ug/L

RT: 8.339 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

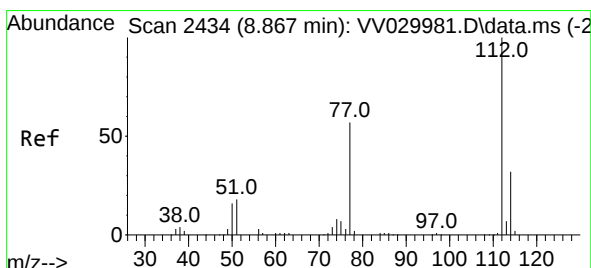
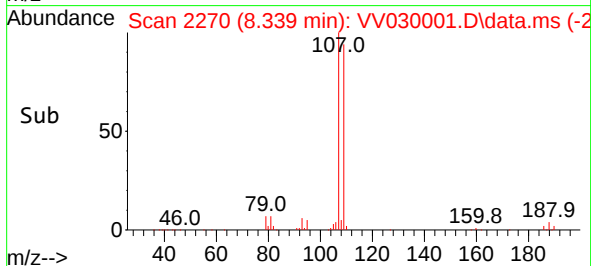
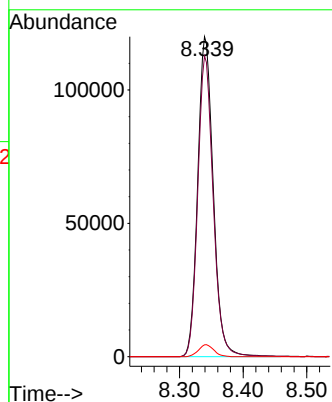
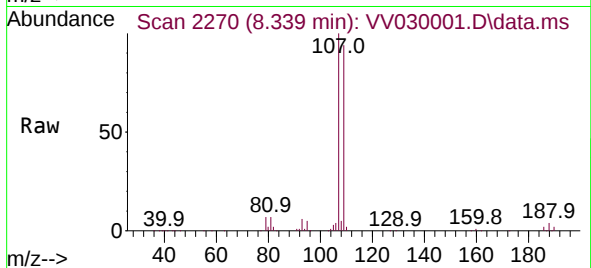
Tgt Ion:107 Resp: 203867

Ion Ratio Lower Upper

107 100

109 93.9 65.5 121.6

188 3.7 3.4 5.0



#51

Chlorobenzene

Concen: 68.121 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. 0.003 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

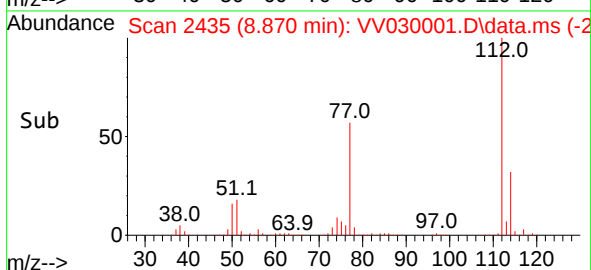
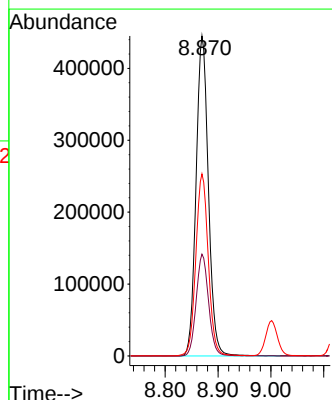
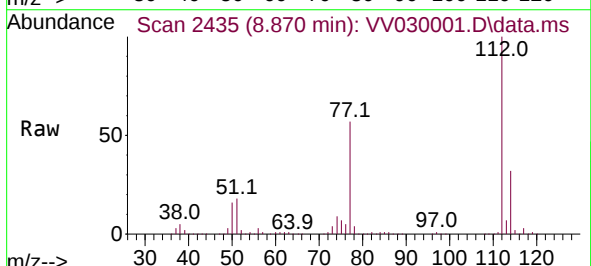
Tgt Ion:112 Resp: 719369

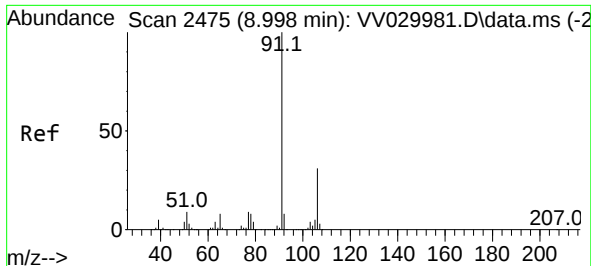
Ion Ratio Lower Upper

112 100

114 31.8 22.6 42.0

77 56.9 44.6 66.8

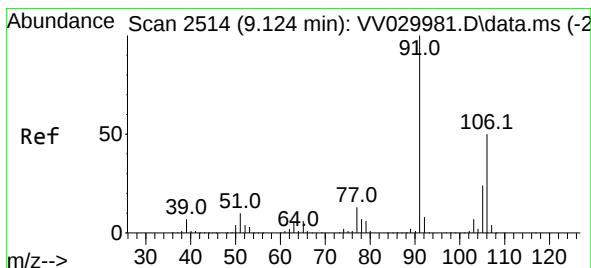
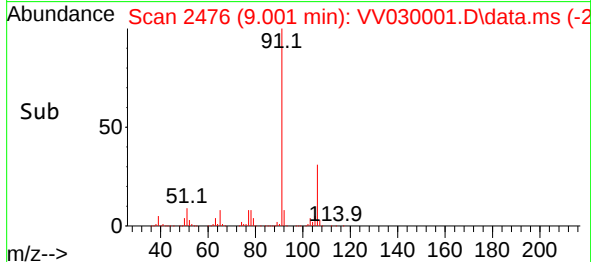
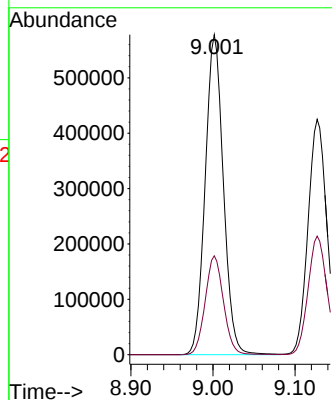
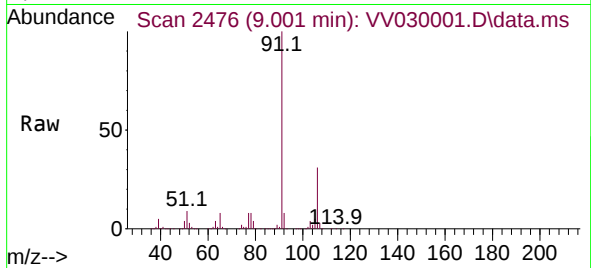




#52
Ethylbenzene
Concen: 52.874 ug/L
RT: 9.001 min Scan# 2475
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

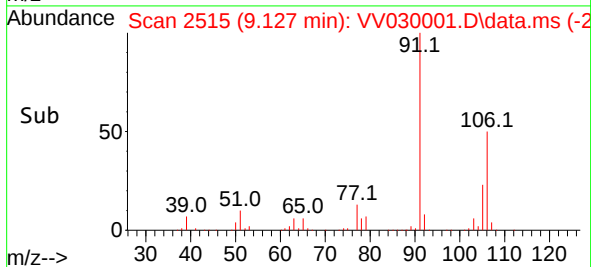
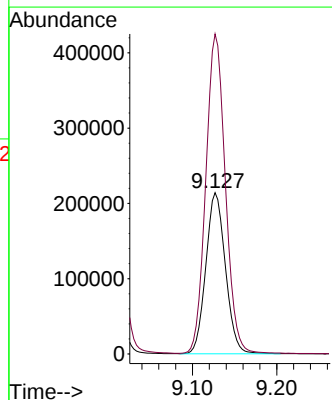
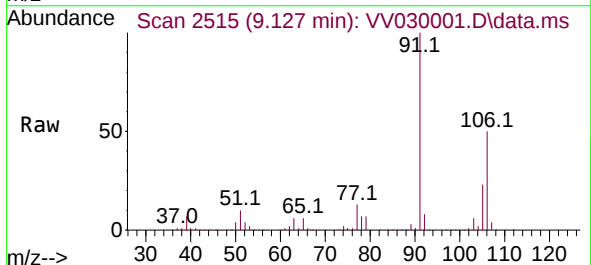
Instrument :
MSVOA_V
ClientSampleId :

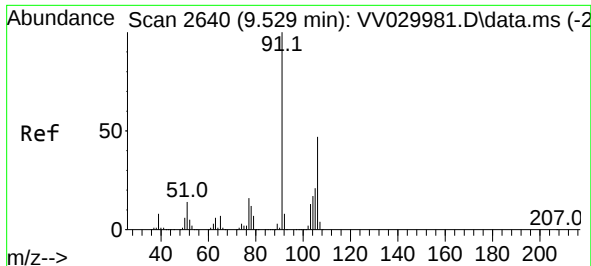
Tgt Ion: 91 Resp: 888040
Ion Ratio Lower Upper
91 100
106 30.9 22.0 40.8



#53
m,p-Xylene
Concen: 51.821 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:106 Resp: 345602
Ion Ratio Lower Upper
106 100
91 198.4 138.9 258.1

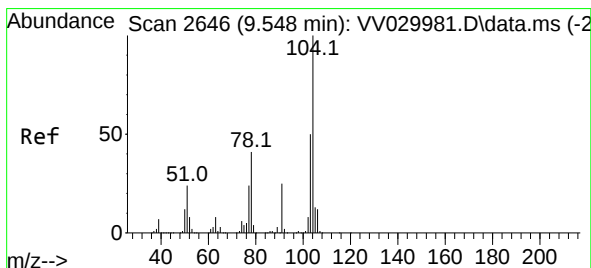
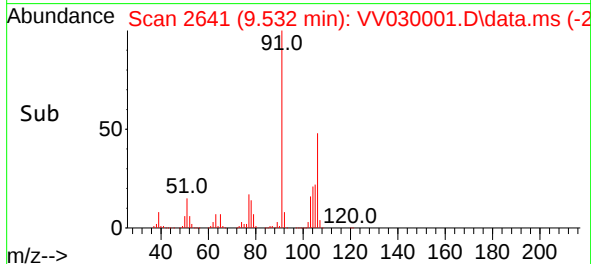
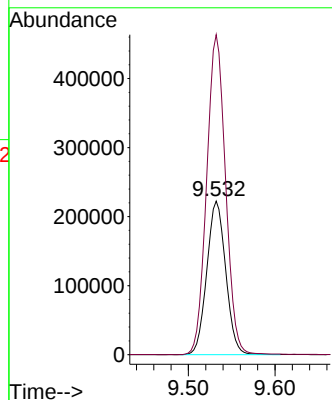
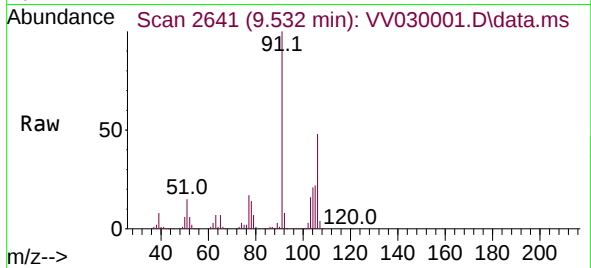




#54
o-Xylene
Concen: 52.240 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

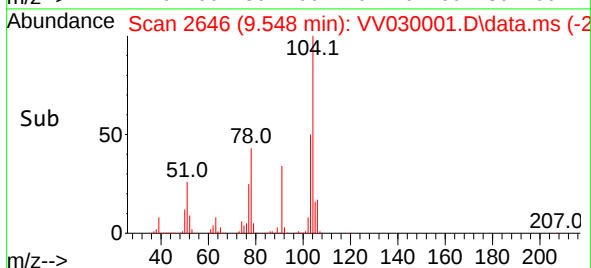
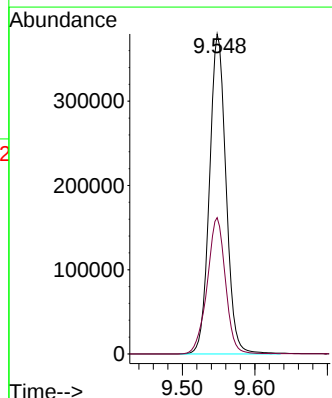
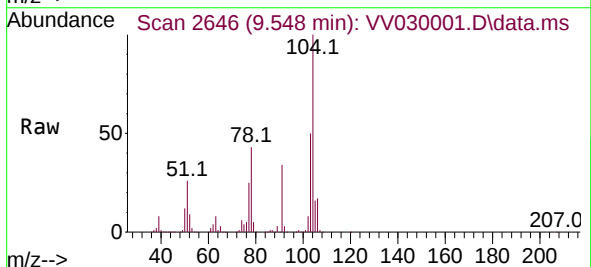
Instrument :
MSVOA_V
ClientSampleId :

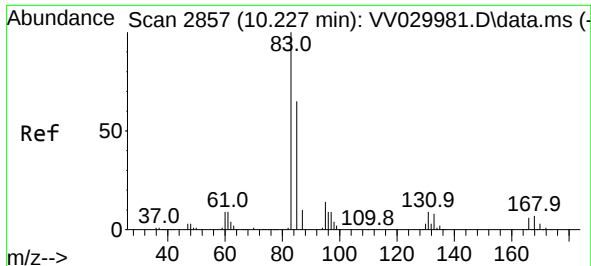
Tgt Ion:106 Resp: 337311
Ion Ratio Lower Upper
106 100
91 208.3 146.2 271.6



#55
Styrene
Concen: 51.704 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:104 Resp: 602090
Ion Ratio Lower Upper
104 100
78 42.6 28.6 53.0

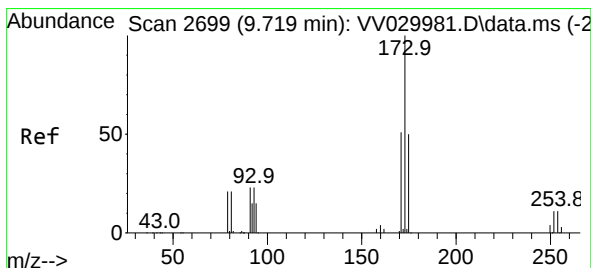
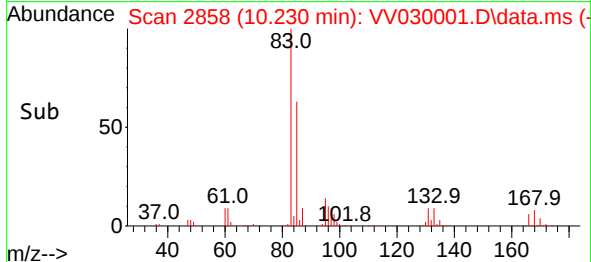
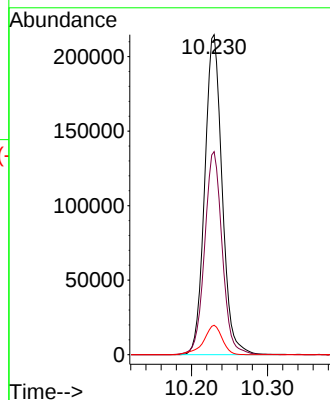
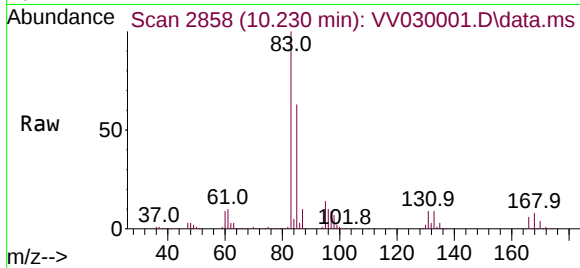




#57
1,1,2,2-Tetrachloroethane
Concen: 53.682 ug/L
RT: 10.230 min Scan# 2857
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

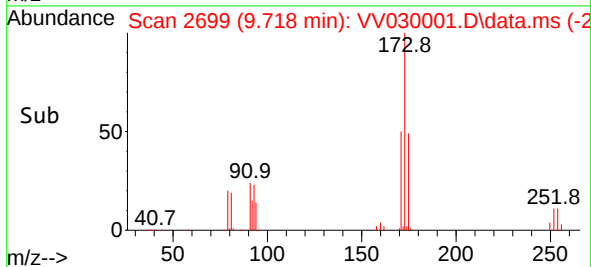
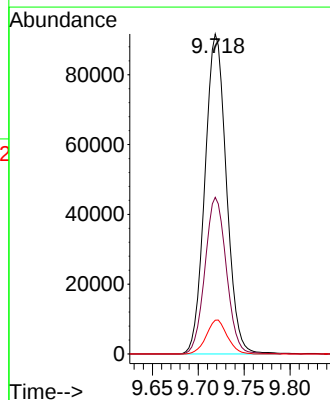
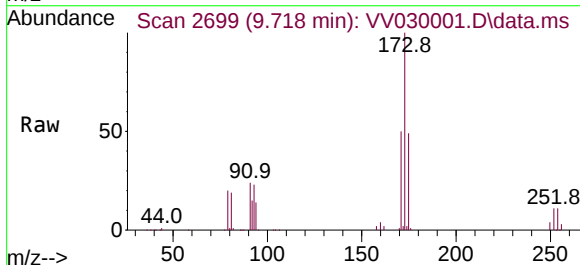
Instrument :
MSVOA_V
ClientSampleId :

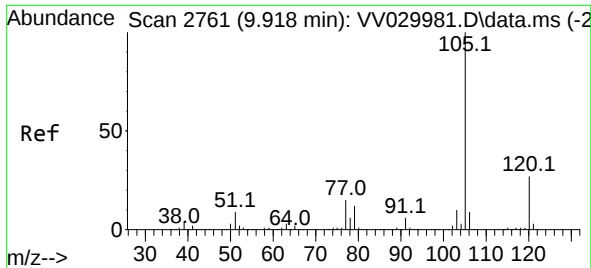
Tgt Ion: 83 Resp: 341008
Ion Ratio Lower Upper
83 100
85 63.4 44.9 83.3
131 9.2 8.1 12.1



#59
Bromoform
Concen: 50.824 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. -0.000 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion: 173 Resp: 149211
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 10.3 8.2 12.2

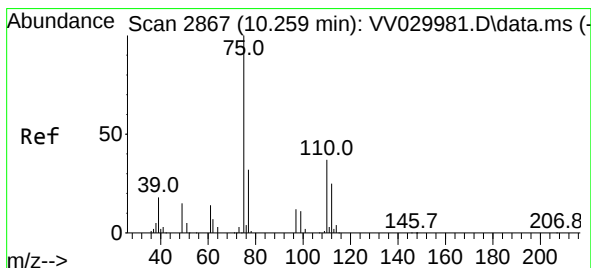
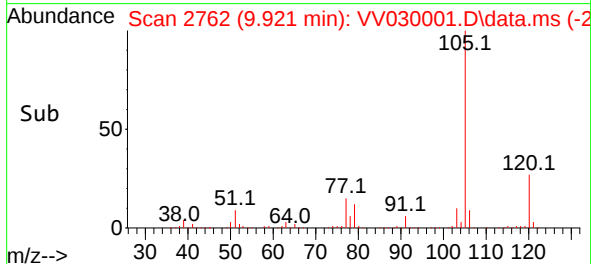
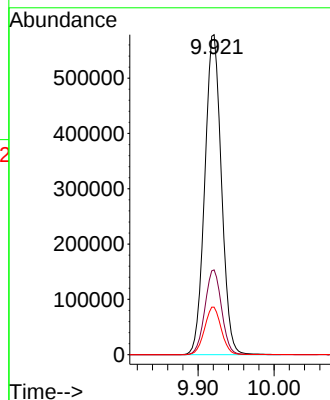
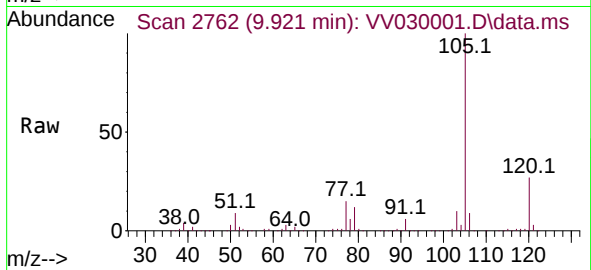




#60
Isopropylbenzene
Concen: 49.818 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

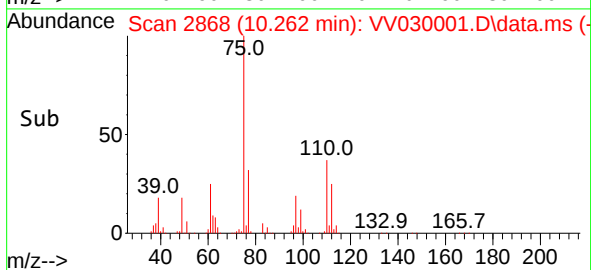
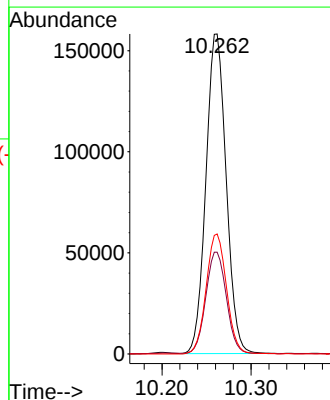
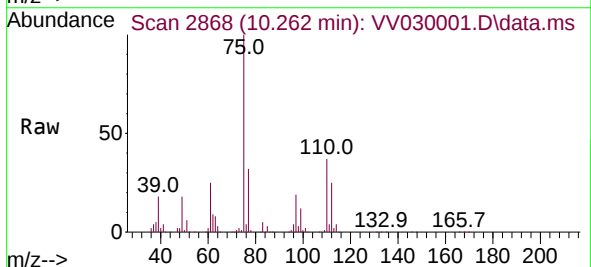
Instrument :
MSVOA_V
ClientSampleId :

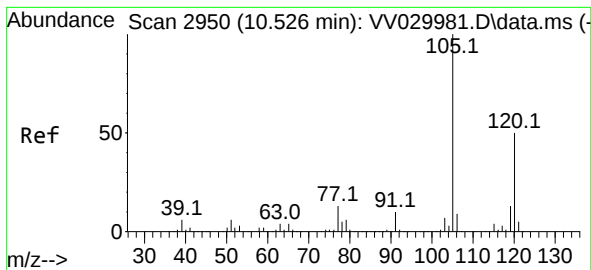
Tgt Ion:105 Resp: 879680
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.9 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 51.793 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion: 75 Resp: 249674
Ion Ratio Lower Upper
75 100
77 32.2 25.9 38.9
110 37.8 32.3 48.5

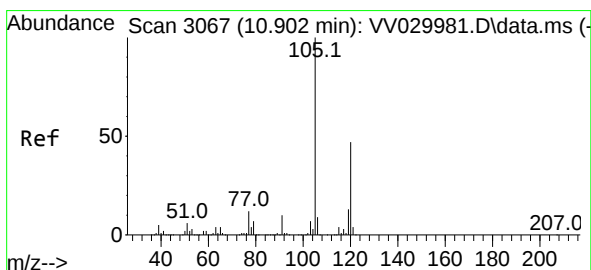
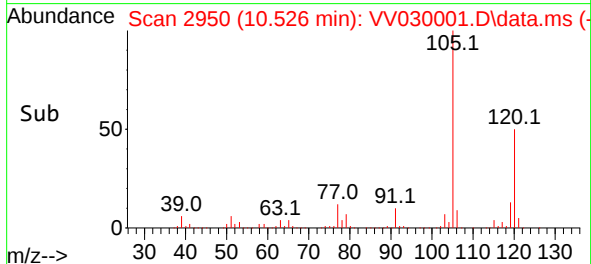
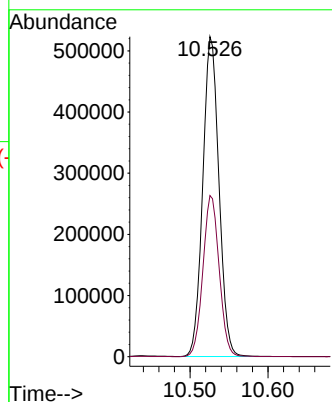
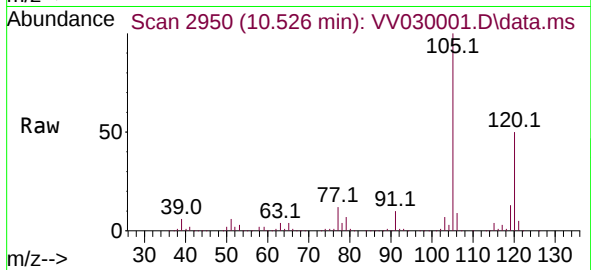




#62
 1,3,5-Trimethylbenzene
 Concen: 50.835 ug/L
 RT: 10.526 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

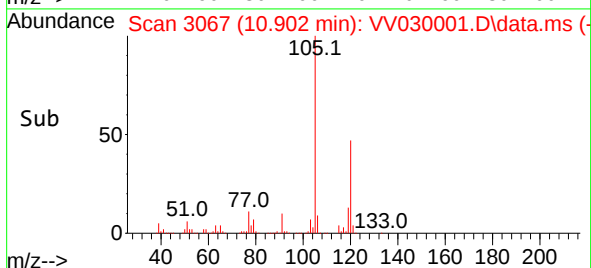
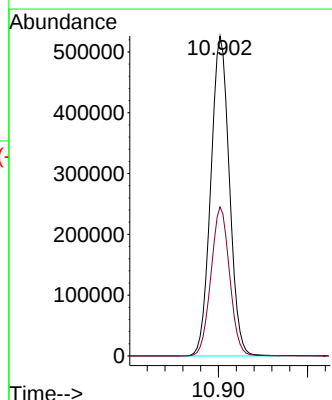
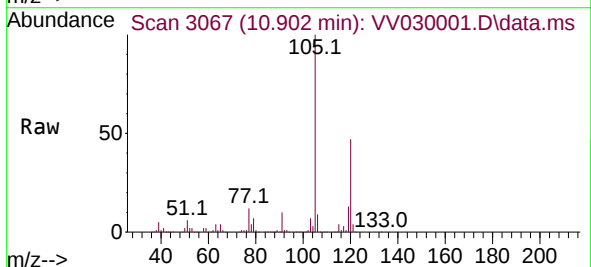
Instrument :
 MSVOA_V
 ClientSampleId :

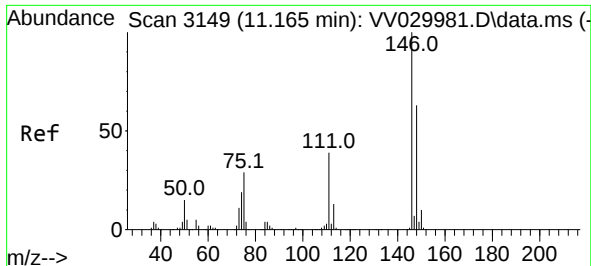
Tgt Ion:105 Resp: 753676
 Ion Ratio Lower Upper
 105 100
 120 50.6 39.9 59.9



#63
 1,2,4-Trimethylbenzene
 Concen: 51.412 ug/L
 RT: 10.902 min Scan# 3067
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

Tgt Ion:105 Resp: 759717
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.0 55.6

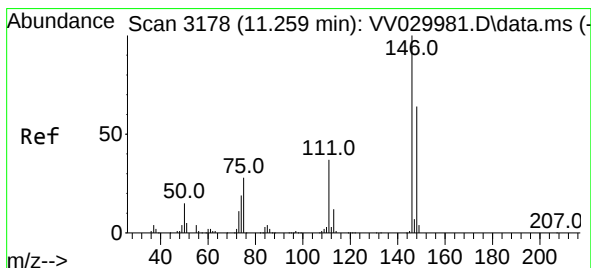
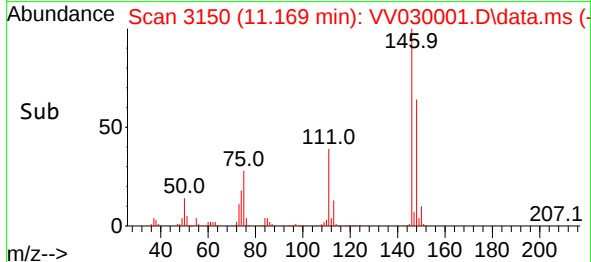
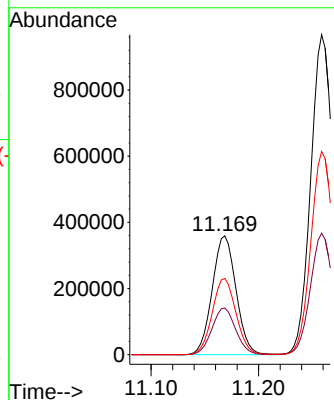
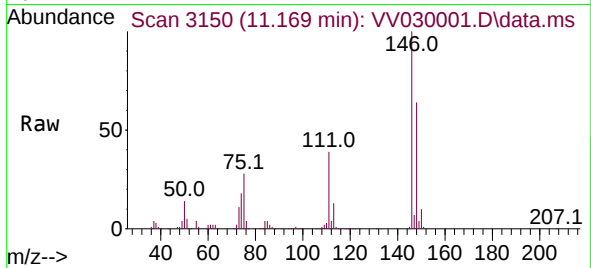




#64
1,3-Dichlorobenzene
Concen: 61.868 ug/L
RT: 11.169 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

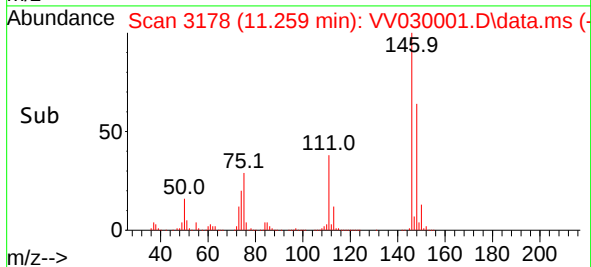
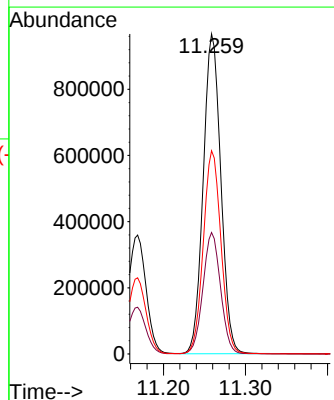
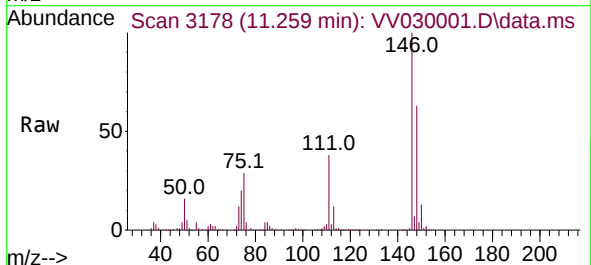
Instrument :
MSVOA_V
ClientSampleId :

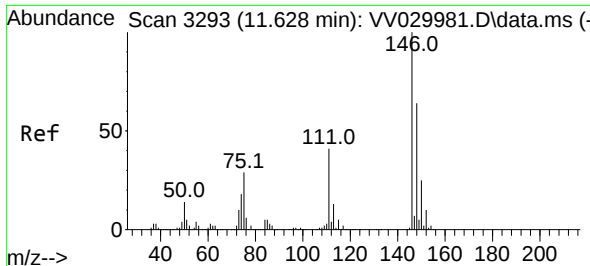
Tgt Ion:146 Resp: 551915
Ion Ratio Lower Upper
146 100
111 39.3 26.9 50.1
148 64.0 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 155.806 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV030001.D
Acq: 30 Jan 2023 18:58

Tgt Ion:146 Resp: 1439994
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 63.5 44.9 83.5

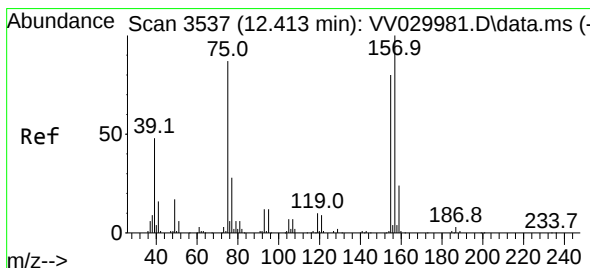
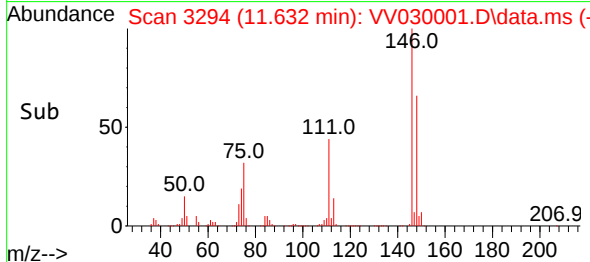
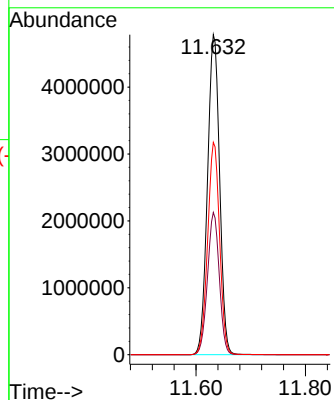
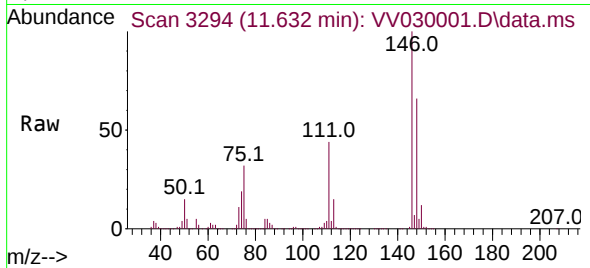




#67
 1,2-Dichlorobenzene
 Concen: 817.168 ug/L
 RT: 11.632 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

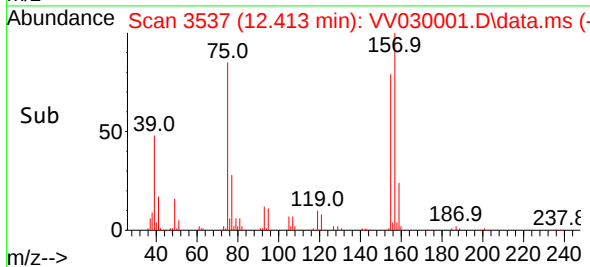
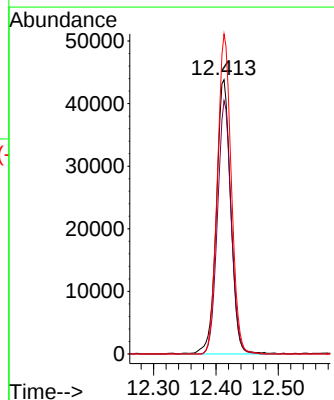
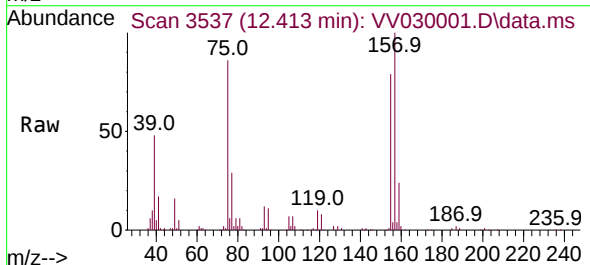
Instrument :
 MSVOA_V
 ClientSampleId :

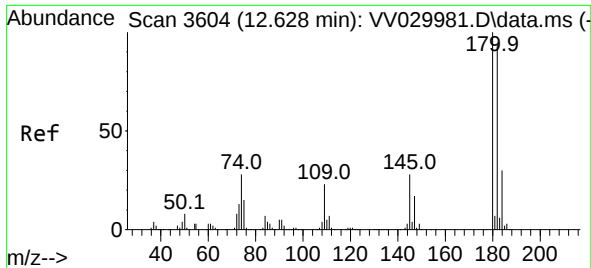
Tgt Ion:146 Resp: 7338654
 Ion Ratio Lower Upper
 146 100
 111 44.5 32.7 49.1
 148 66.3 51.0 76.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 54.496 ug/L
 RT: 12.413 min Scan# 3537
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

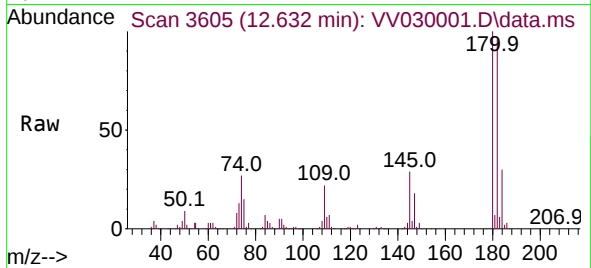
Tgt Ion: 75 Resp: 70199
 Ion Ratio Lower Upper
 75 100
 155 92.4 72.3 108.5
 157 116.7 95.4 143.2



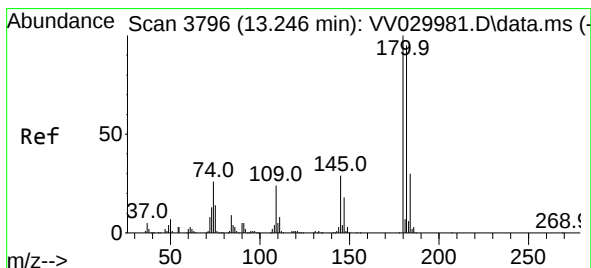
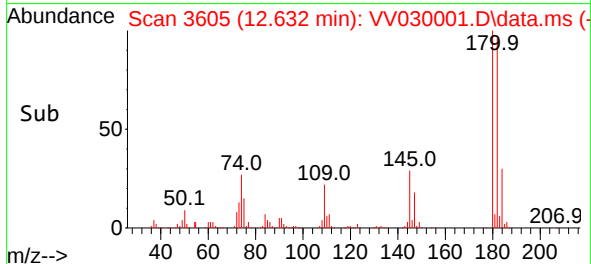
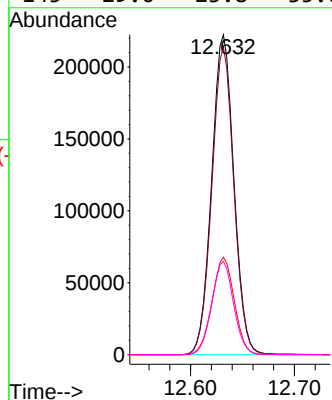


#69
 1,3,5-Trichlorobenzene
 Concen: 47.675 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. 0.003 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

Instrument :
 MSVOA_V
 ClientSampleId :

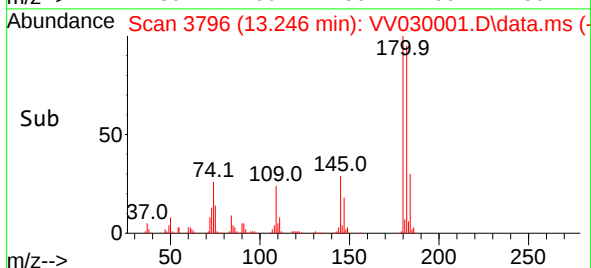
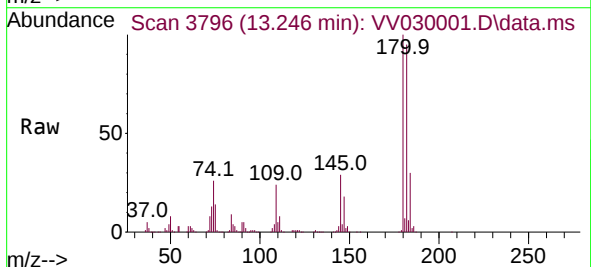
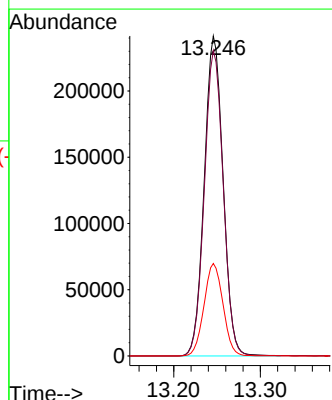


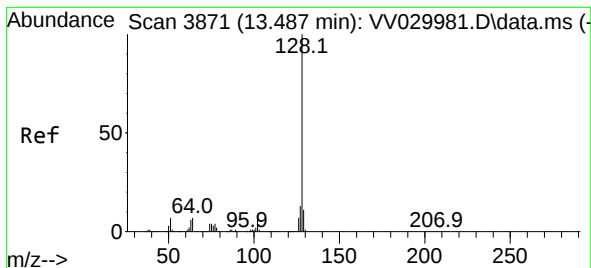
Tgt Ion:180 Resp: 331109
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.2 114.4
 184 30.3 23.9 35.9
 145 29.0 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 59.483 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV030001.D
 Acq: 30 Jan 2023 18:58

Tgt Ion:180 Resp: 364635
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.0 114.0
 145 29.1 24.0 36.0





#71

Naphthalene

Concen: 55.971 ug/L

RT: 13.487 min Scan# 3871

Delta R.T. -0.000 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Instrument :

MSVOA_V

ClientSampleId :

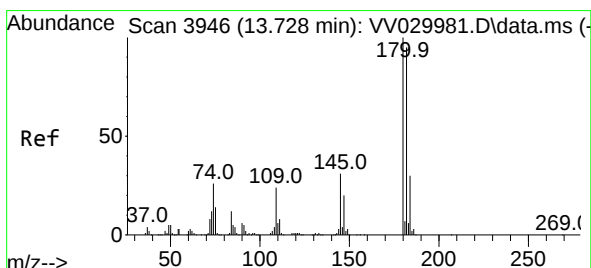
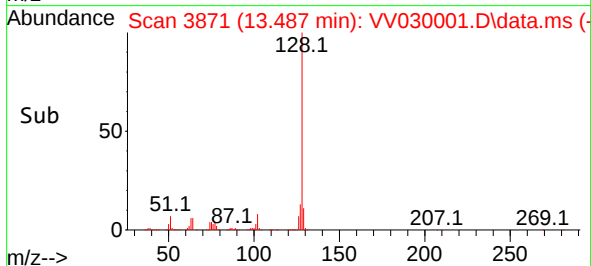
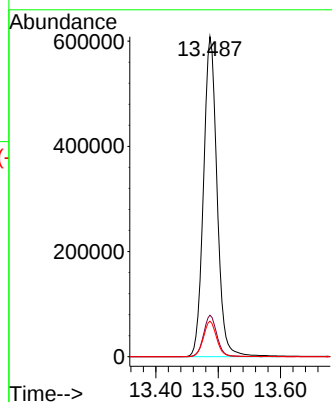
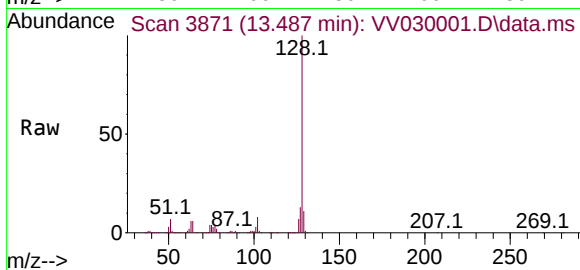
Tgt Ion:128 Resp: 922777

Ion Ratio Lower Upper

128 100

127 12.7 10.1 15.1

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.598 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV030001.D

Acq: 30 Jan 2023 18:58

Tgt Ion:180 Resp: 314221

Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

145 31.0 25.7 38.5

