

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW030002.D
 Acq On : 30 Jan 2023 19:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:22:21 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	502557	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	483445	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	290455	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	155054	44.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.560%
7) Chloroethane-d5	1.561	69	141555	48.053	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.100%
11) 1,1-Dichloroethene-d2	2.105	63	307574	49.426	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.860%
21) 2-Butanone-d5	3.863	46	237757	116.517	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.520%
24) Chloroform-d	4.336	84	299260	45.964	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	5.021	65	170204	46.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
32) Benzene-d6	5.040	84	617888	47.772	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
36) 1,2-Dichloropropane-d6	6.059	67	202733	50.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.840%
41) Toluene-d8	7.304	98	555105	46.832	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
43) trans-1,3-Dichloroprop...	7.609	79	90089	50.943	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.880%
47) 2-Hexanone-d5	8.079	63	196452	114.759	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.760%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	301678	48.965	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	11.609	152	227845	44.025	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	201882	56.114	ug/L	99
3) Chloromethane	1.240	50	283411	77.378	ug/L	100
5) Vinyl chloride	1.307	62	267343	63.424	ug/L	99
6) Bromomethane	1.513	94	85219	47.632	ug/L	98
8) Chloroethane	1.577	64	166106	61.656	ug/L	97
9) Trichlorofluoromethane	1.748	101	287392	50.550	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	177955	50.885	ug/L	95
12) 1,1-Dichloroethene	2.114	96	183003	54.238	ug/L	88
13) Acetone	2.153	43	194325	78.858	ug/L	100
14) Carbon disulfide	2.288	76	564149	65.507	ug/L	100
15) Methyl Acetate	2.420	43	206435	64.762	ug/L	95
16) Methylene chloride	2.500	84	218428	54.261	ug/L	95
17) trans-1,2-Dichloroethene	2.751	96	191906	54.237	ug/L	93
18) Methyl tert-butyl Ether	2.761	73	593167	53.617	ug/L	99
19) 1,1-Dichloroethane	3.178	63	361356	56.179	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	213532	53.911	ug/L	97
22) 2-Butanone	3.947	43	280406	110.008	ug/L	99
23) Bromochloromethane	4.236	128	108017	52.102	ug/L	89
25) Chloroform	4.362	83	344341	51.532	ug/L	99

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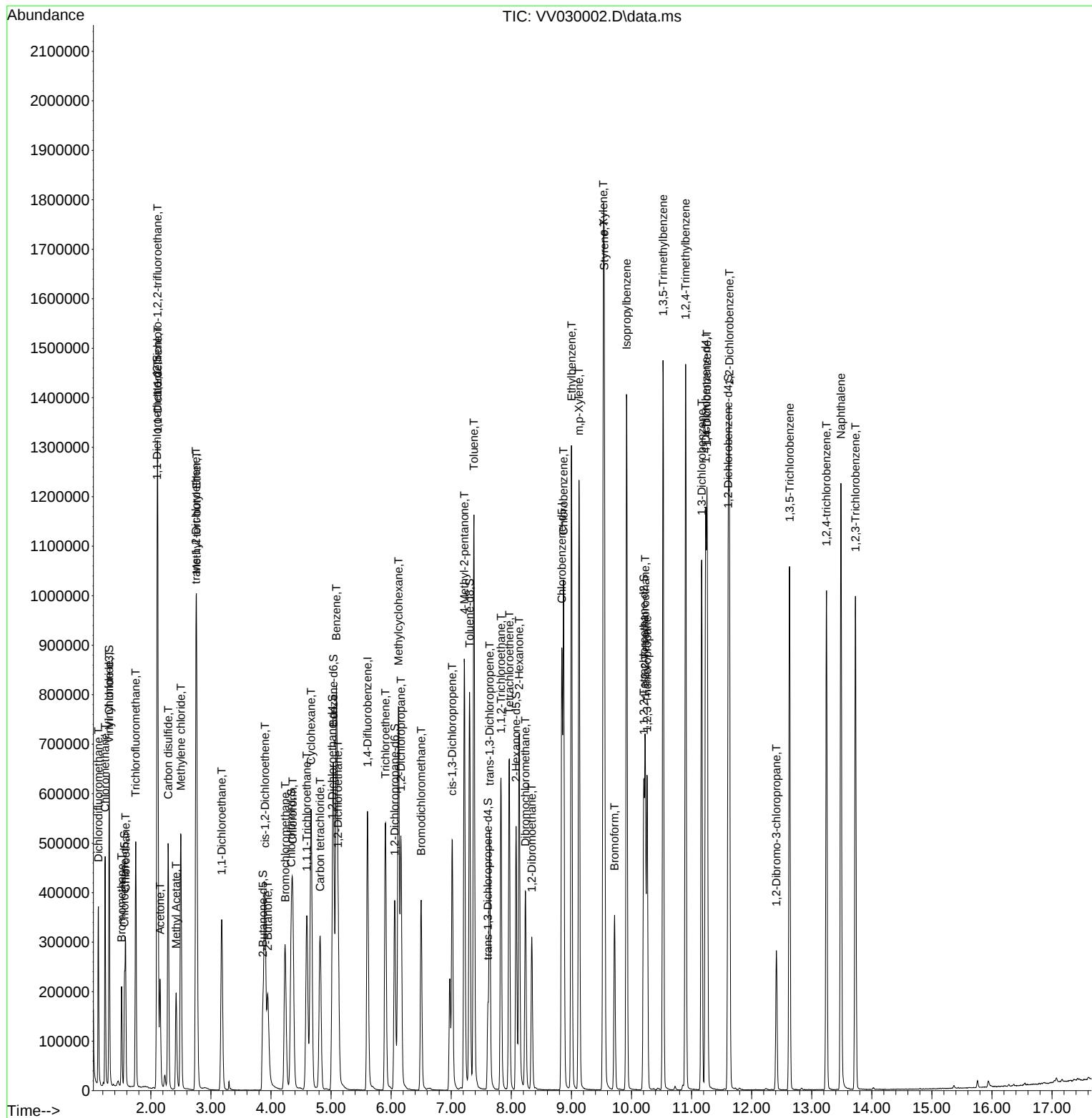
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	253105	54.860	ug/L	100
29) Cyclohexane	4.667	56	324806	64.044	ug/L	94
30) 1,1,1-Trichloroethane	4.596	97	287624	51.215	ug/L	97
31) Carbon tetrachloride	4.818	117	240991	50.596	ug/L	99
33) Benzene	5.088	78	825875	56.840	ug/L	100
34) Trichloroethene	5.905	95	196610	53.747	ug/L	95
35) Methylcyclohexane	6.124	83	345180	58.412	ug/L	98
37) 1,2-Dichloropropane	6.162	63	217249	57.547	ug/L	99
38) Bromodichloromethane	6.500	83	260320	53.082	ug/L	97
39) cis-1,3-Dichloropropene	7.014	75	327306	61.347	ug/L	100
40) 4-Methyl-2-pentanone	7.217	43	556817	133.299	ug/L	96
42) Toluene	7.378	91	872600	56.244	ug/L	100
44) trans-1,3-Dichloropropene	7.638	75	305288	61.167	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	206058	53.959	ug/L	99
46) Tetrachloroethene	7.966	164	154724	51.275	ug/L	99
48) 2-Hexanone	8.130	43	424199	123.821	ug/L	94
49) Dibromochloromethane	8.233	129	209821	52.788	ug/L	100
50) 1,2-Dibromoethane	8.339	107	208422	54.502	ug/L	99
51) Chlorobenzene	8.870	112	548451	51.443	ug/L	98
52) Ethylbenzene	9.001	91	913971	53.901	ug/L	99
53) m,p-Xylene	9.127	106	356940	53.013	ug/L	99
54) o-Xylene	9.532	106	344464	52.841	ug/L	98
55) Styrene	9.548	104	618555	52.613	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	350134	54.595	ug/L	99
59) Bromoform	9.718	173	154123	53.500	ug/L	99
60) Isopropylbenzene	9.918	105	903439	52.142	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	259248	54.807	ug/L	98
62) 1,3,5-Trimethylbenzene	10.525	105	767795	52.778	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	772534	53.279	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	441953	50.488	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	455664	50.245	ug/L	99
67) 1,2-Dichlorobenzene	11.628	146	478820	54.336	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	71776	56.785	ug/L	98
69) 1,3,5-Trichlorobenzene	12.631	180	330426	48.487	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	303900	50.523	ug/L	99
71) Naphthalene	13.487	128	940315	58.125	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	306757	52.331	ug/L	99

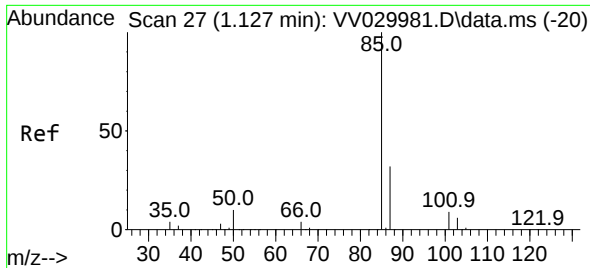
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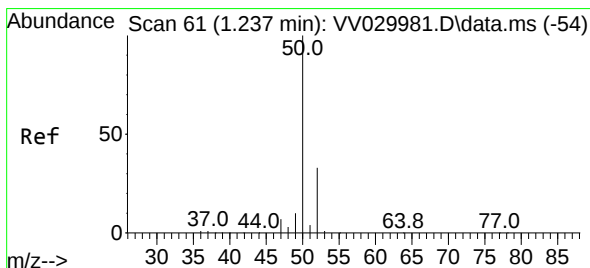
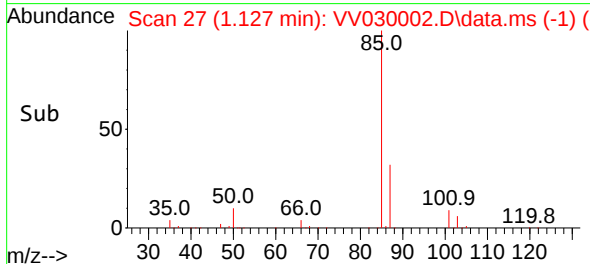
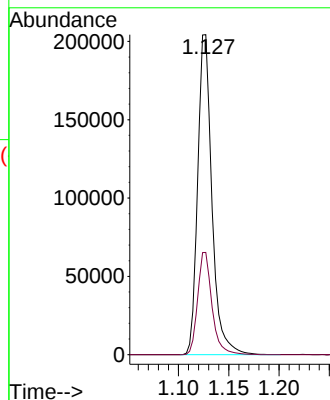
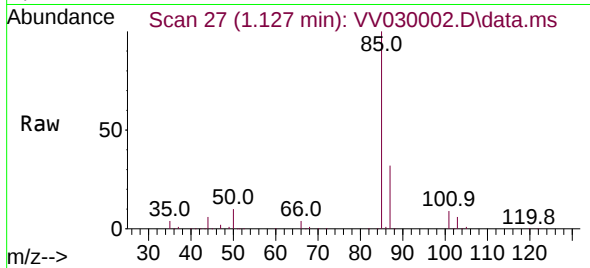




#2
 Dichlorodifluoromethane
 Concen: 56.114 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

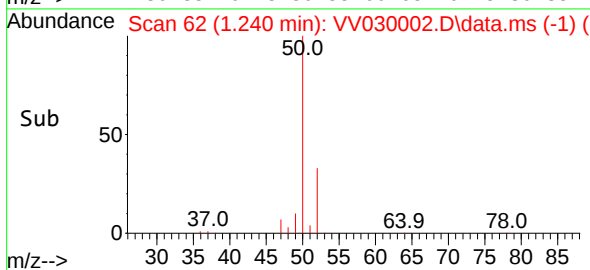
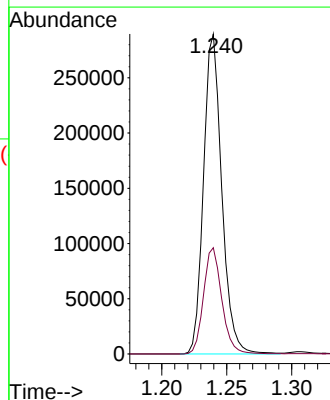
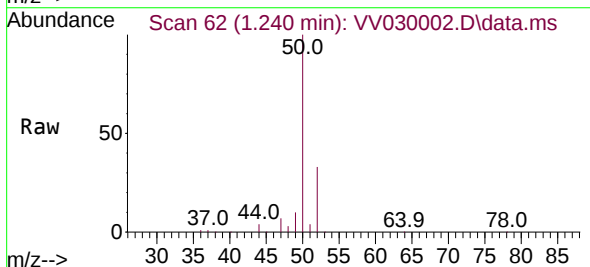
Instrument :
 MSVOA_V
 ClientSampleId :

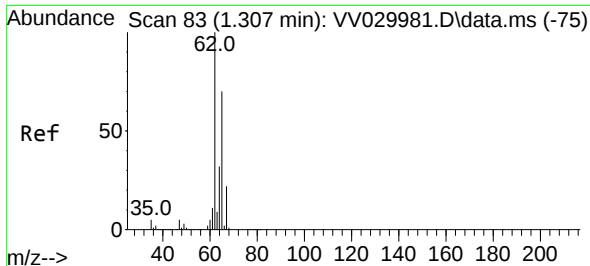
Tgt Ion: 85 Resp: 201882
 Ion Ratio Lower Upper
 85 100
 87 32.1 26.2 39.4



#3
 Chloromethane
 Concen: 77.378 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

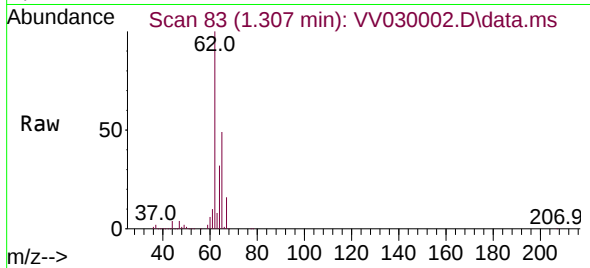
Tgt Ion: 50 Resp: 283411
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.4



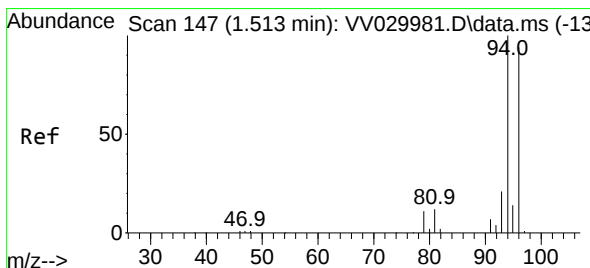
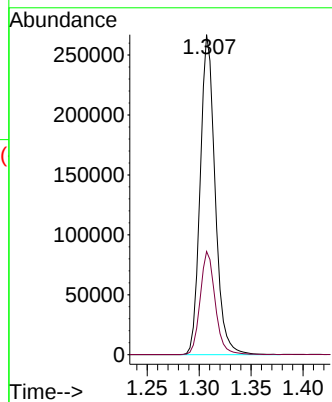
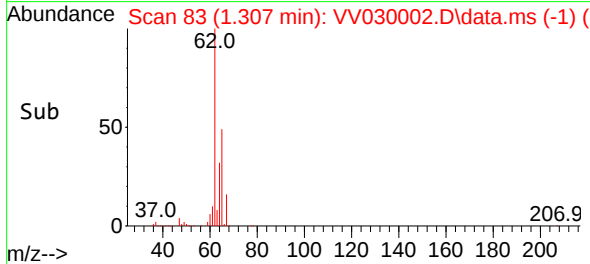


#5
 Vinyl chloride
 Concen: 63.424 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

Instrument :
 MSVOA_V
 ClientSampleId :

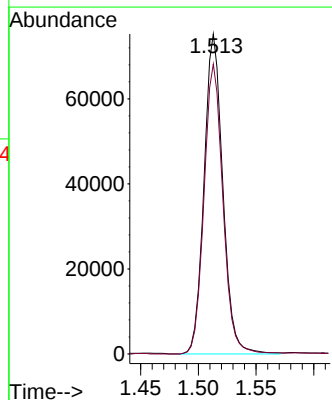
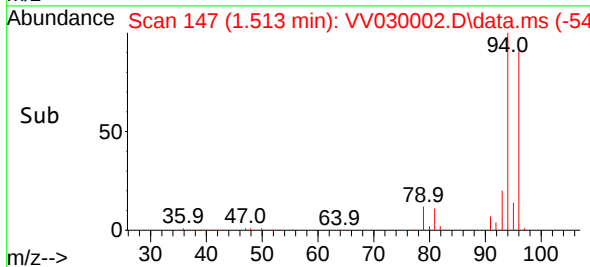
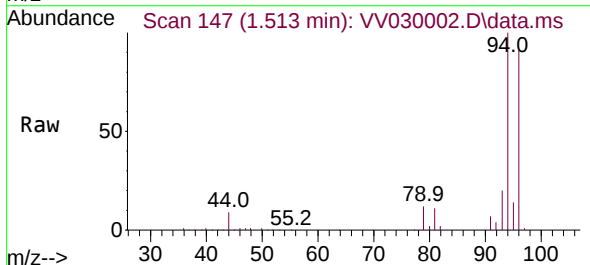


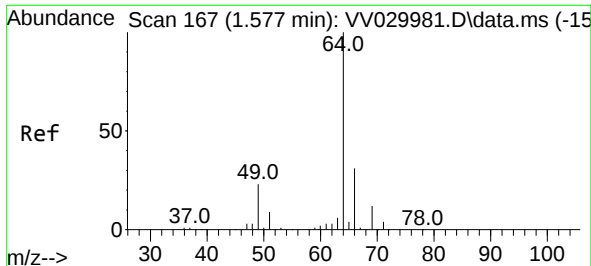
Tgt Ion: 62 Resp: 267343
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.0 42.8



#6
 Bromomethane
 Concen: 47.632 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

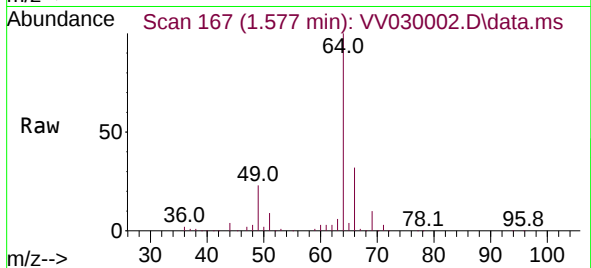
Tgt Ion: 94 Resp: 85219
 Ion Ratio Lower Upper
 94 100
 96 90.6 64.8 120.4



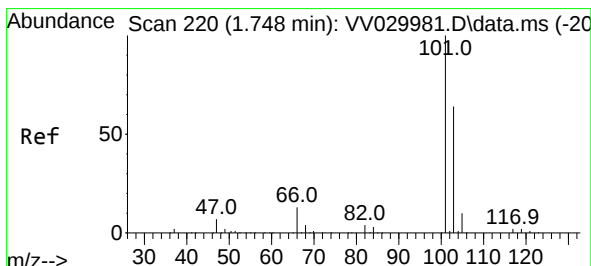
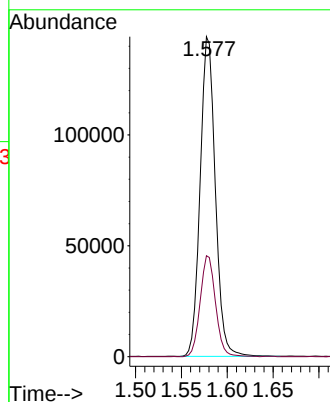
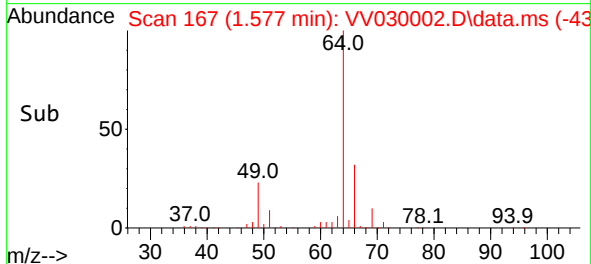


#8
Chloroethane
Concen: 61.656 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Instrument :
MSVOA_V
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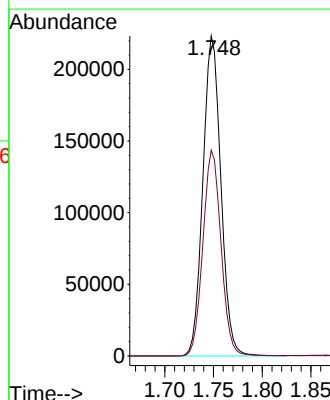
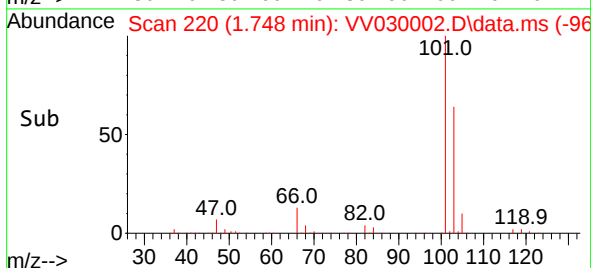
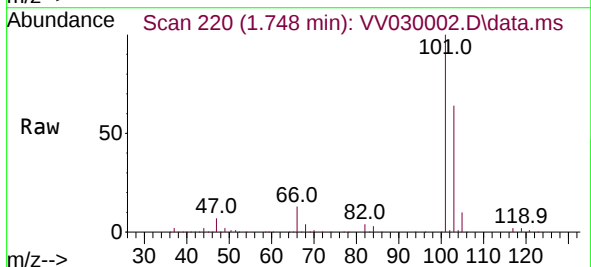


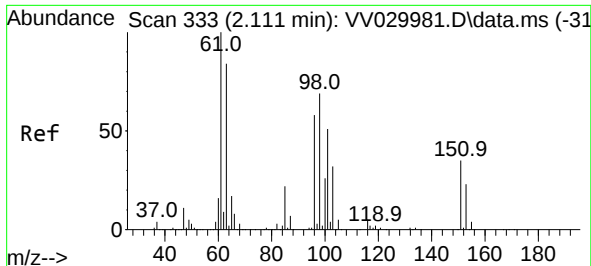
Tgt Ion: 64 Resp: 166106
Ion Ratio Lower Upper
64 100
66 31.5 23.1 42.9



#9
Trichlorofluoromethane
Concen: 50.550 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion:101 Resp: 287392
Ion Ratio Lower Upper
101 100
103 64.6 51.3 76.9





#10

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

Concen: 50.885 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

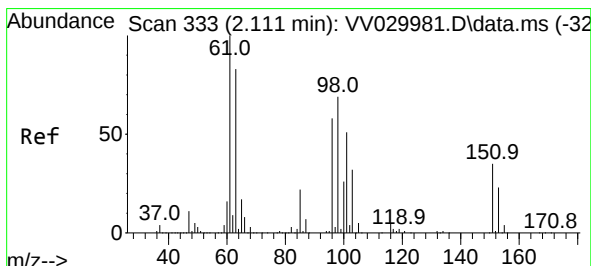
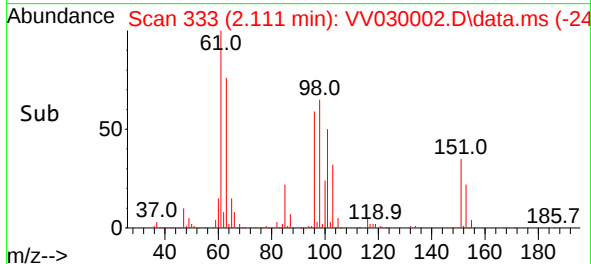
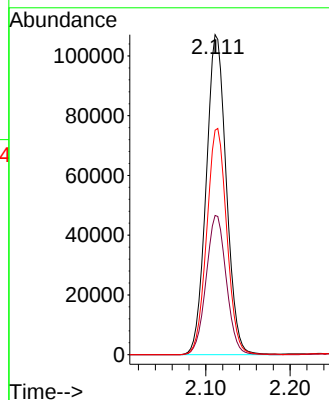
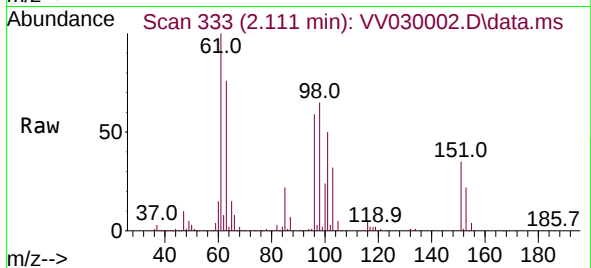
Tgt Ion:101 Resp: 177955

Ion Ratio Lower Upper

101 100

85 43.6 33.7 50.5

151 70.6 61.0 91.4



#12

1,1-Dichloroethene

Concen: 54.238 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

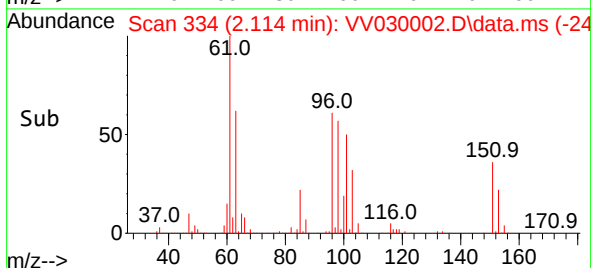
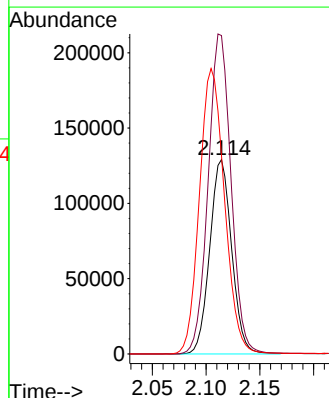
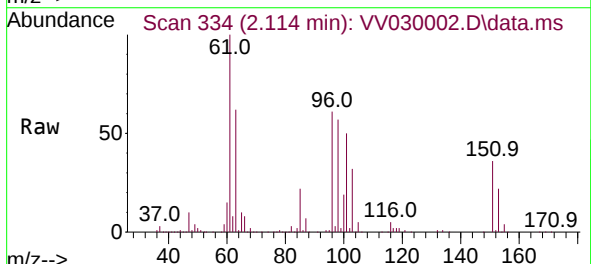
Tgt Ion: 96 Resp: 183003

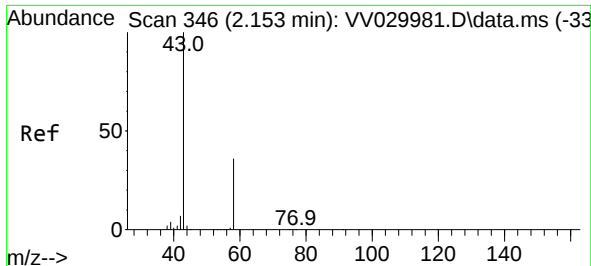
Ion Ratio Lower Upper

96 100

61 163.8 110.2 204.6

63 102.2 88.6 164.6





#13

Acetone

Concen: 78.858 ug/L

RT: 2.153 min Scan# 346

Delta R.T. -0.000 min

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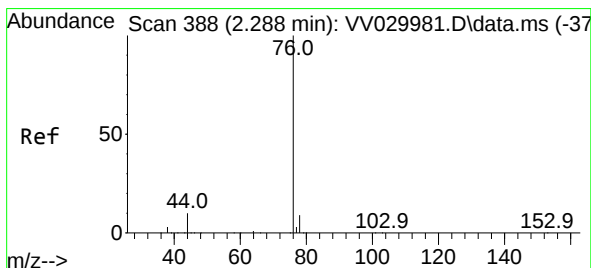
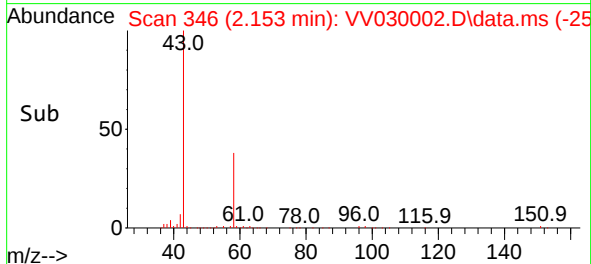
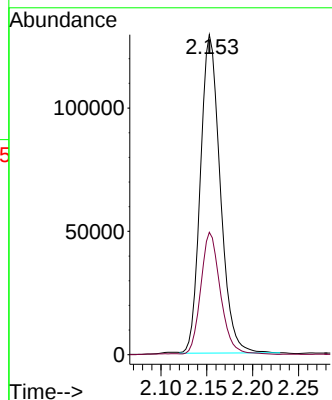
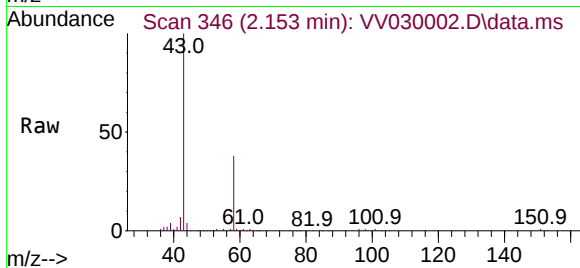
ClientSampleId :

Tgt Ion: 43 Resp: 194325

Ion Ratio Lower Upper

43 100

58 38.2 0.0 76.0



#14

Carbon disulfide

Concen: 65.507 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

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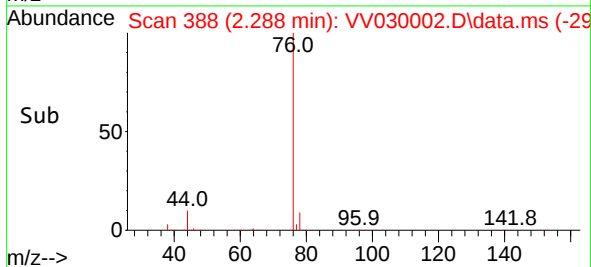
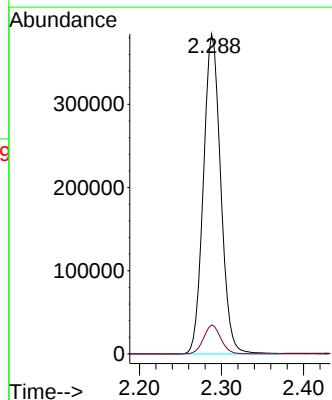
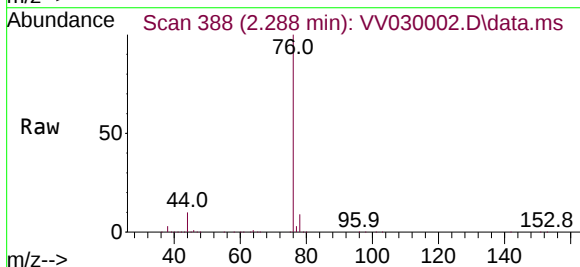
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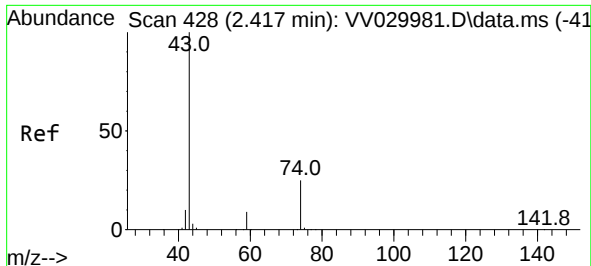
Tgt Ion: 76 Resp: 564149

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

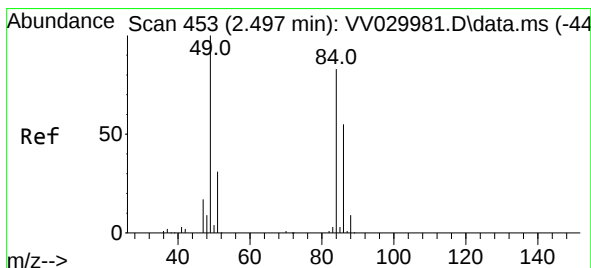
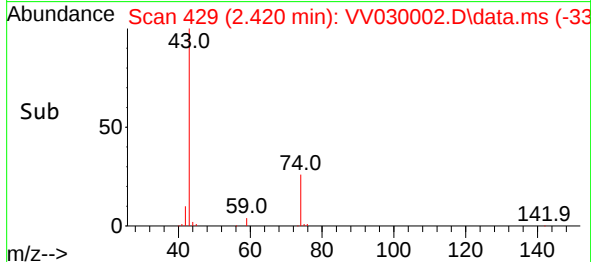
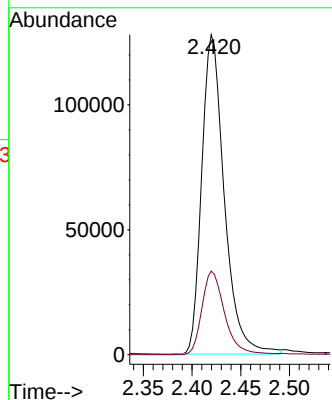
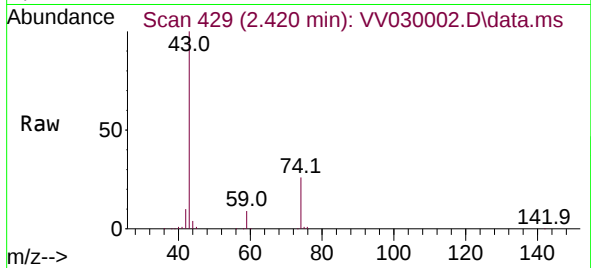




#15
Methyl Acetate
Concen: 64.762 ug/L
RT: 2.420 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

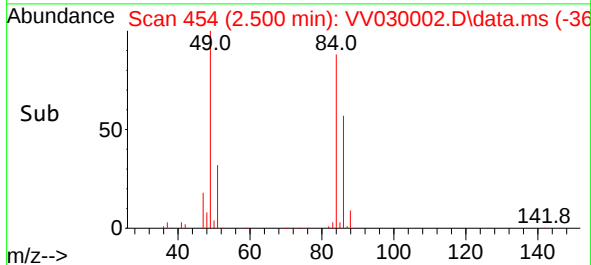
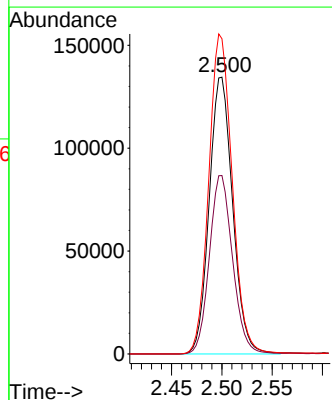
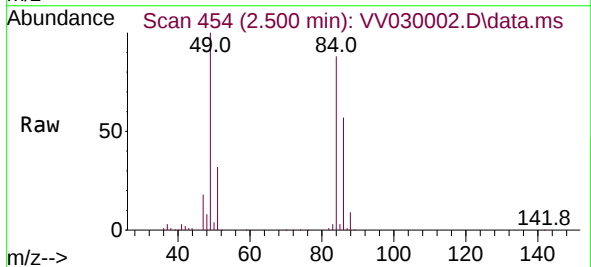
Instrument :
MSVOA_V
ClientSampleId :

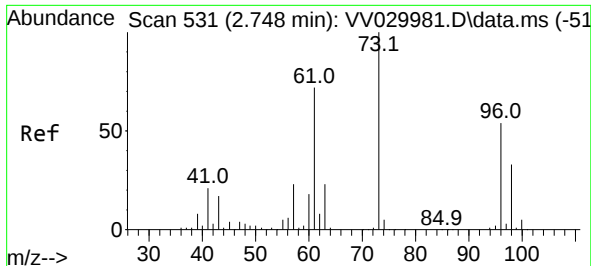
Tgt Ion: 43 Resp: 206435
Ion Ratio Lower Upper
43 100
74 26.2 23.3 34.9



#16
Methylene chloride
Concen: 54.261 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 84 Resp: 218428
Ion Ratio Lower Upper
84 100
86 64.4 45.3 84.1
49 113.9 74.1 137.5

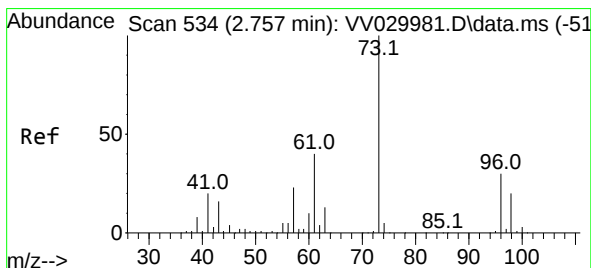
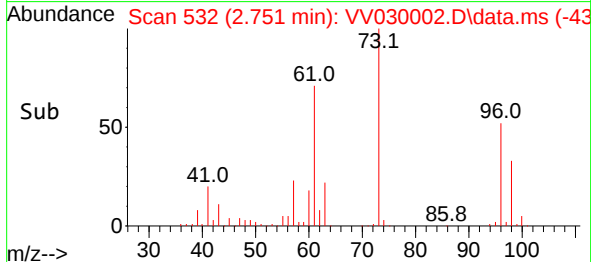
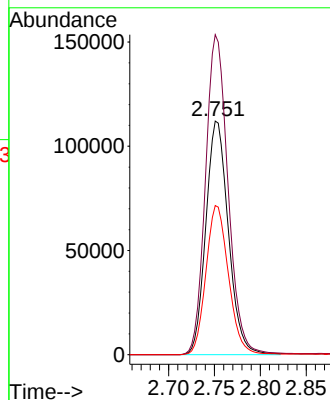
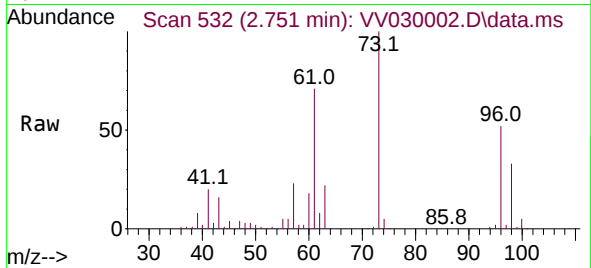




#17
trans-1,2-Dichloroethene
Concen: 54.237 ug/L
RT: 2.751 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

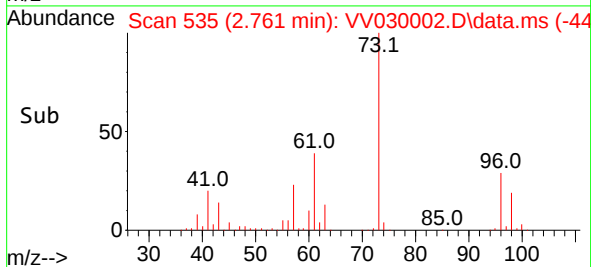
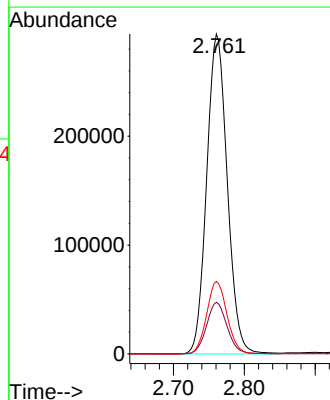
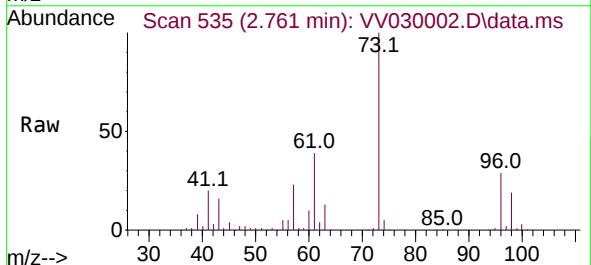
Instrument :
MSVOA_V
ClientSampleId :

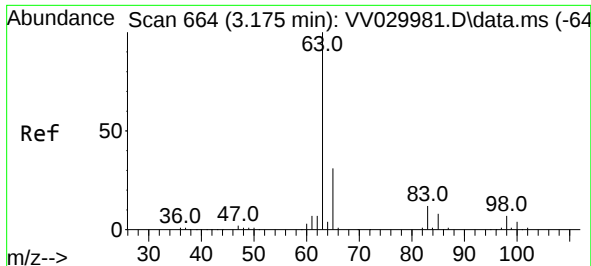
Tgt Ion: 96 Resp: 191906
Ion Ratio Lower Upper
96 100
61 137.0 86.9 161.5
98 63.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 53.617 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 73 Resp: 593167
Ion Ratio Lower Upper
73 100
43 16.0 12.8 19.2
57 22.6 17.1 25.7





#19

1,1-Dichloroethane

Concen: 56.179 ug/L

RT: 3.178 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

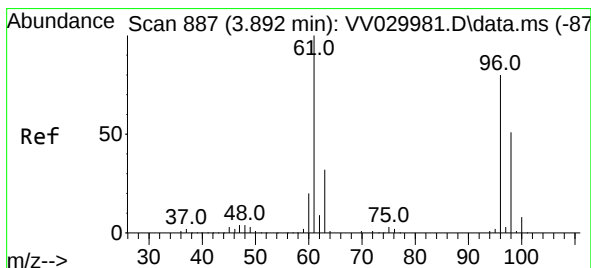
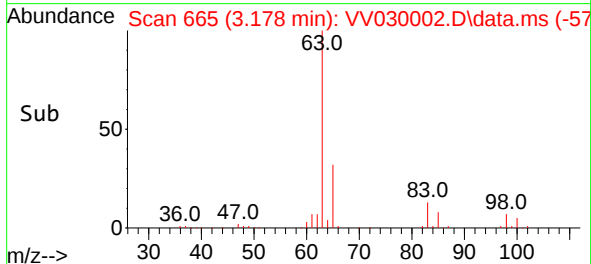
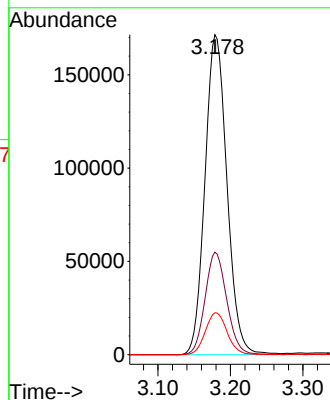
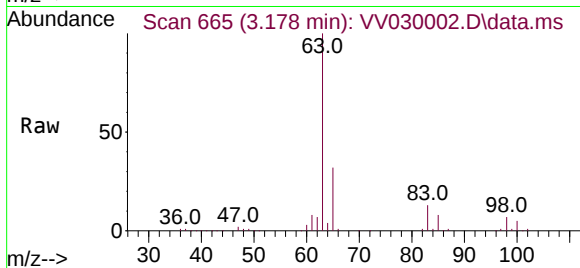
Tgt Ion: 63 Resp: 361356

Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.3

83 13.1 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 53.911 ug/L

RT: 3.899 min Scan# 889

Delta R.T. 0.006 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

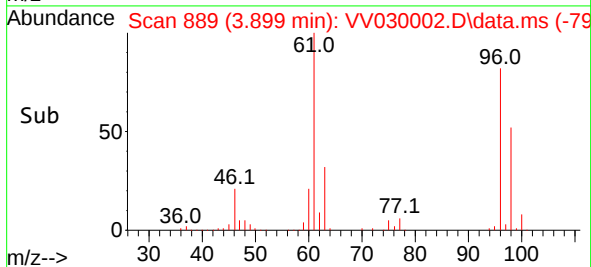
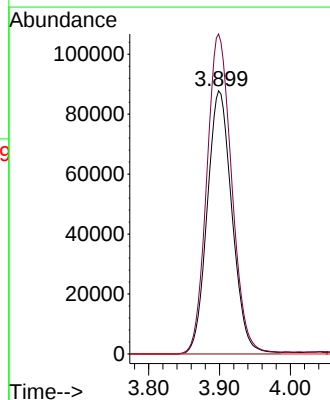
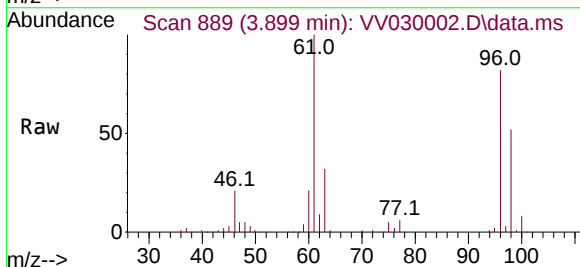
Tgt Ion: 96 Resp: 213532

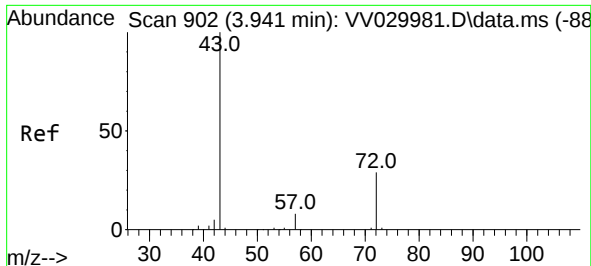
Ion Ratio Lower Upper

96 100

61 121.6 82.5 153.3

68 0.0 0.0 0.0

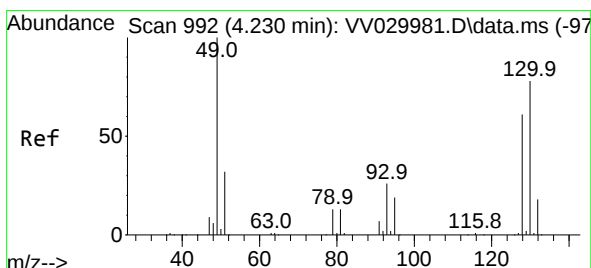
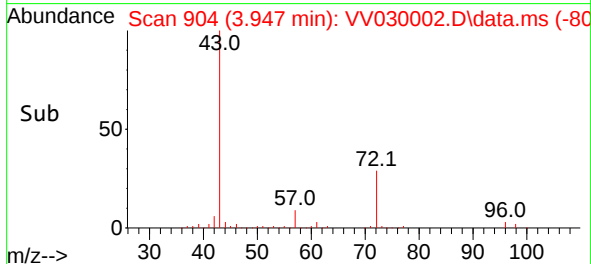
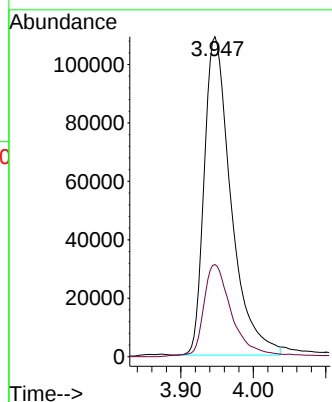
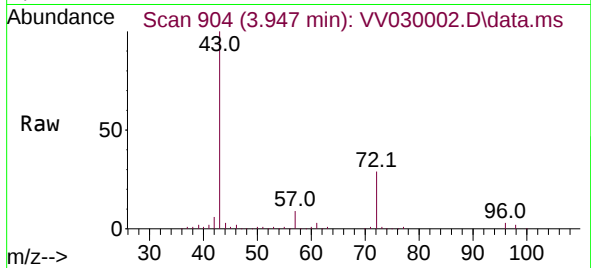




#22
2-Butanone
Concen: 110.008 ug/L
RT: 3.947 min Scan# 902
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

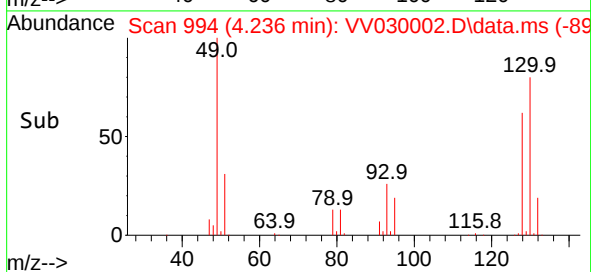
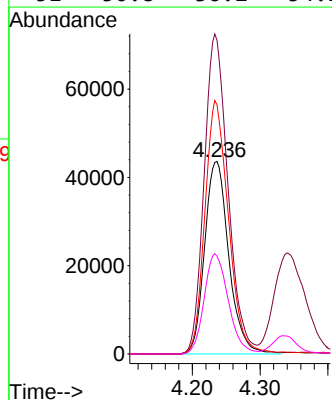
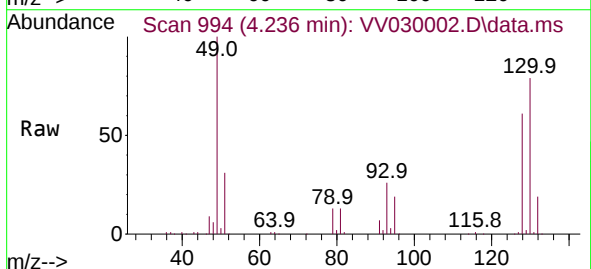
Instrument :
MSVOA_V
ClientSampleId :

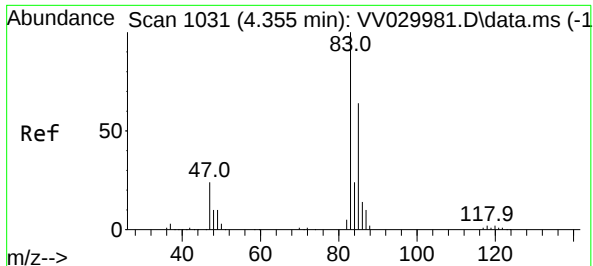
Tgt Ion: 43 Resp: 280406
Ion Ratio Lower Upper
43 100
72 30.3 15.4 46.4



#23
Bromochloromethane
Concen: 52.102 ug/L
RT: 4.236 min Scan# 994
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion:128 Resp: 108017
Ion Ratio Lower Upper
128 100
49 163.0 97.3 180.7
130 129.5 89.7 166.5
51 50.8 36.2 54.2





#25

Chloroform

Concen: 51.532 ug/L

RT: 4.362 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

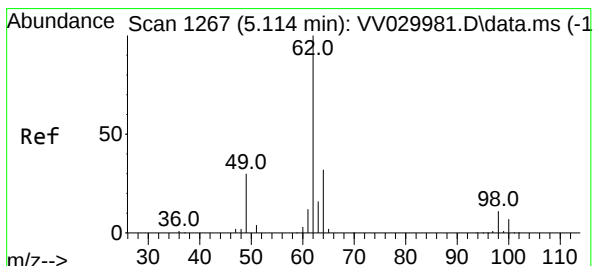
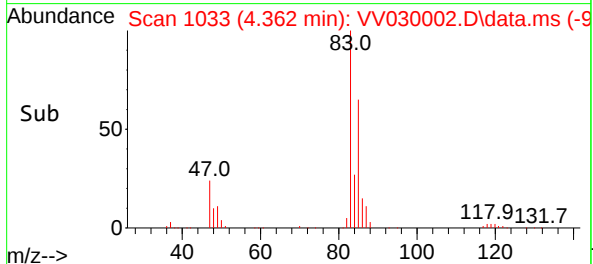
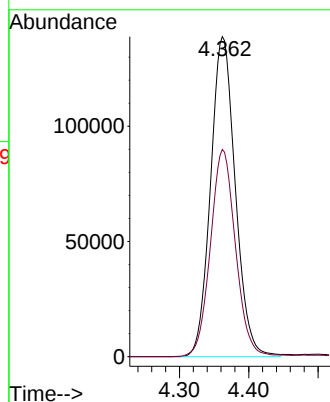
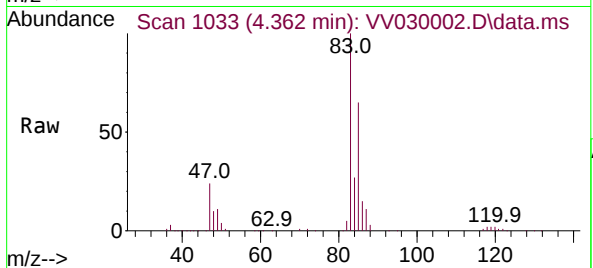
ClientSampleId :

Tgt Ion: 83 Resp: 344341

Ion Ratio Lower Upper

83 100

85 64.7 44.8 83.2



#27

1,2-Dichloroethane

Concen: 54.860 ug/L

RT: 5.117 min Scan# 1268

Delta R.T. 0.003 min

Lab File: VV030002.D

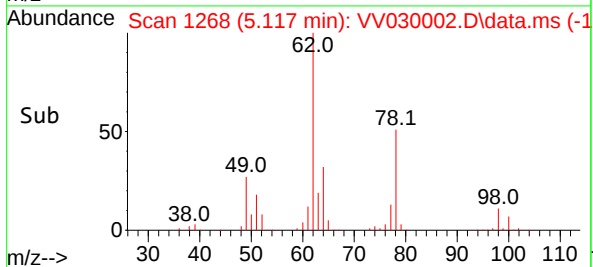
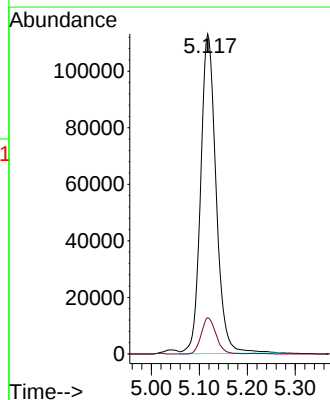
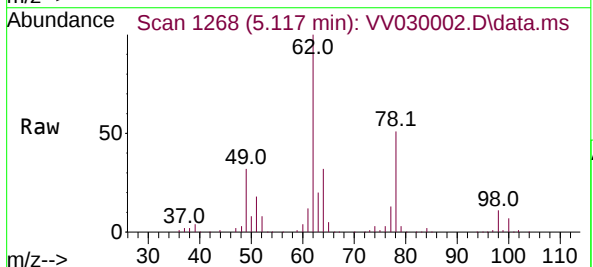
Acq: 30 Jan 2023 19:21

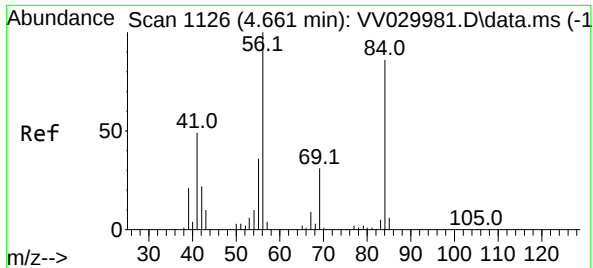
Tgt Ion: 62 Resp: 253105

Ion Ratio Lower Upper

62 100

98 11.3 9.0 13.4





#29

Cyclohexane

Concen: 64.044 ug/L

RT: 4.667 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

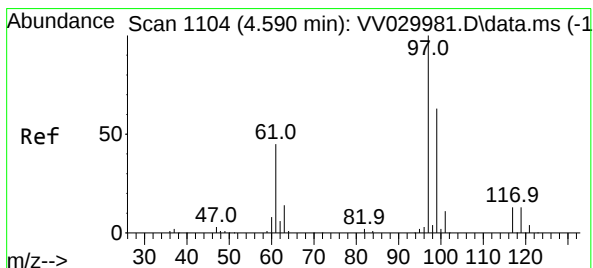
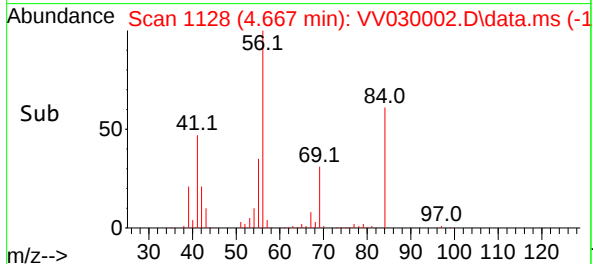
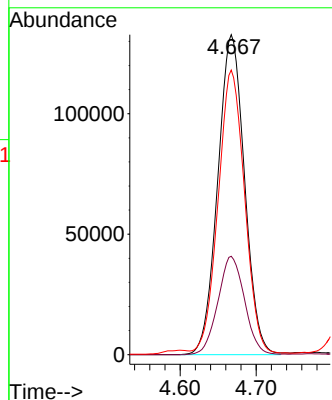
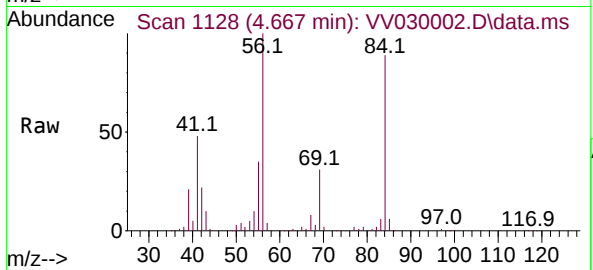
Tgt Ion: 56 Resp: 324806

Ion Ratio Lower Upper

56 100

69 30.6 26.2 39.4

84 87.2 74.7 112.1



#30

1,1,1-Trichloroethane

Concen: 51.215 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

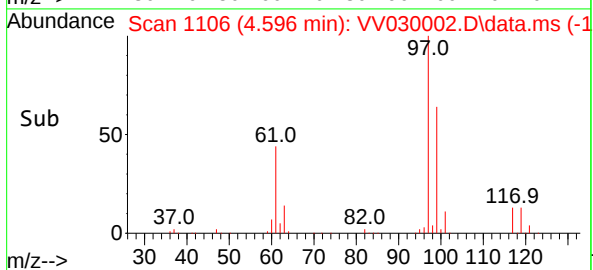
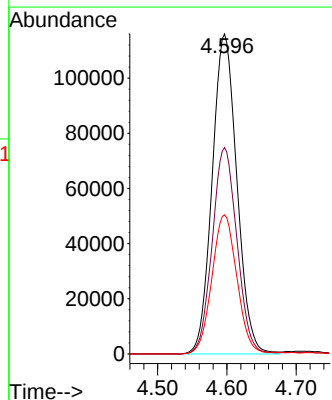
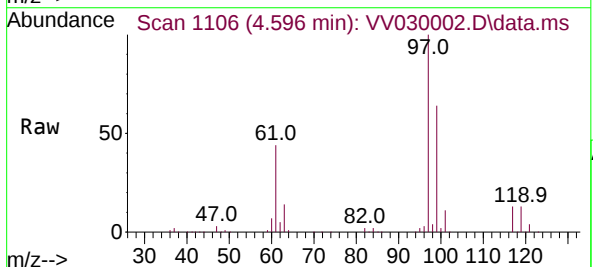
Tgt Ion: 97 Resp: 287624

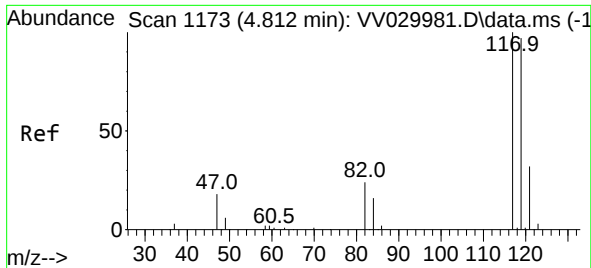
Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

61 44.0 32.2 48.2

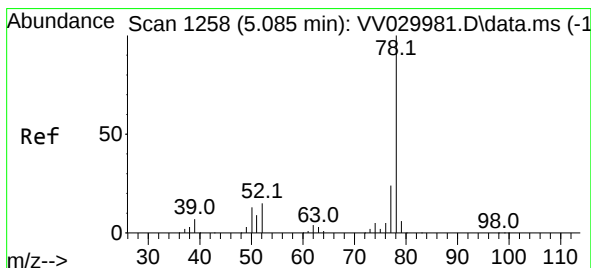
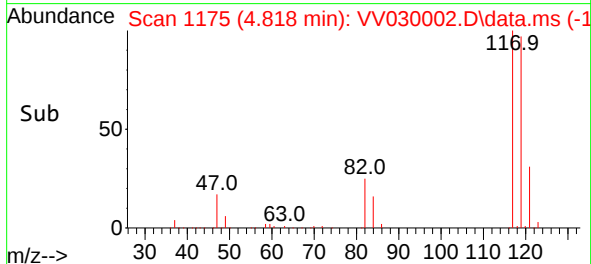
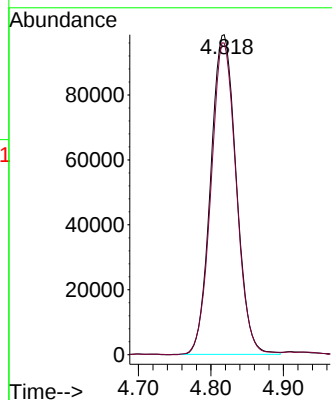
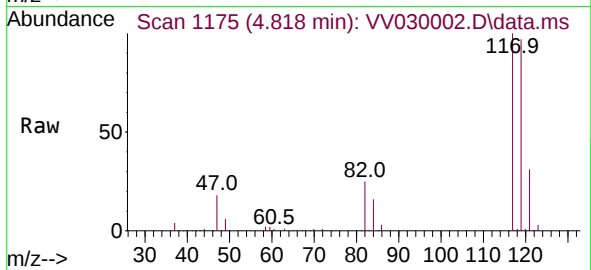




#31
Carbon tetrachloride
Concen: 50.596 ug/L
RT: 4.818 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

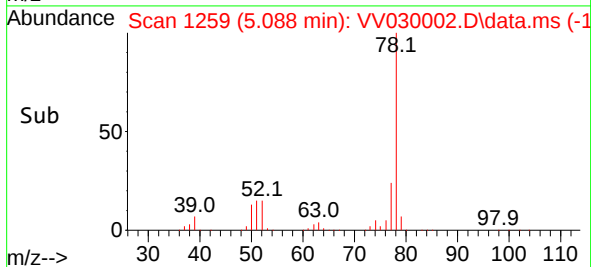
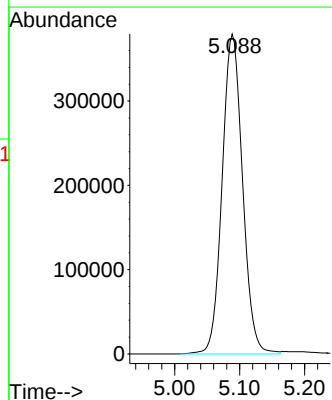
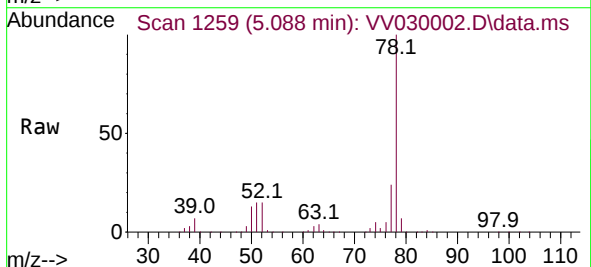
Instrument :
MSVOA_V
ClientSampleId :

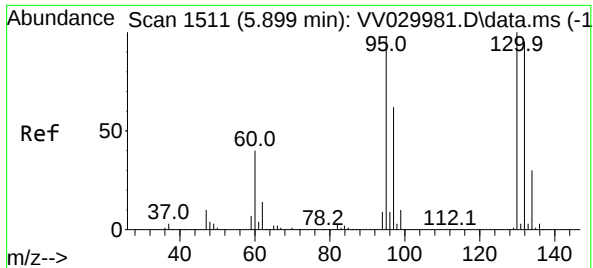
Tgt Ion:117 Resp: 240991
Ion Ratio Lower Upper
117 100
119 96.2 77.9 116.9



#33
Benzene
Concen: 56.840 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 78 Resp: 825875



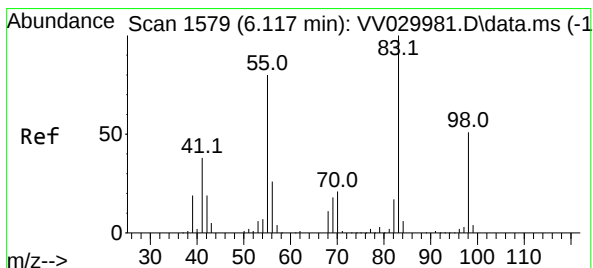
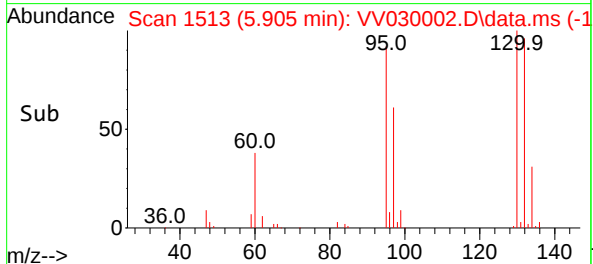
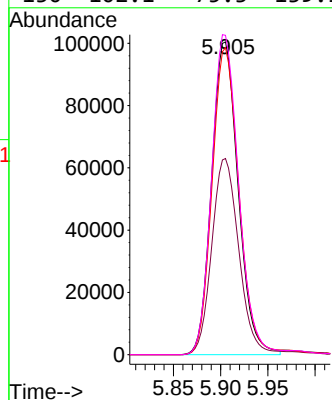
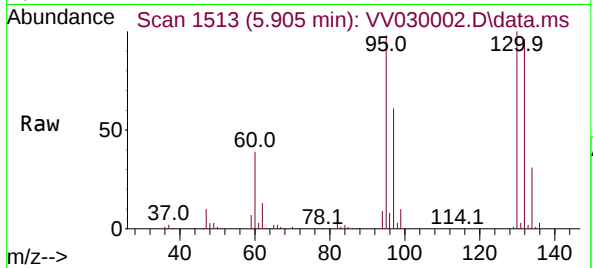


#34
Trichloroethene
Concen: 53.747 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 196610

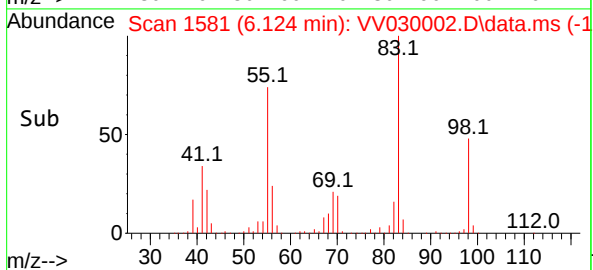
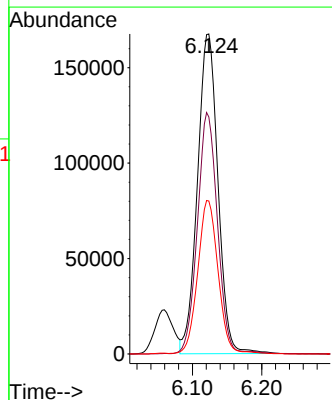
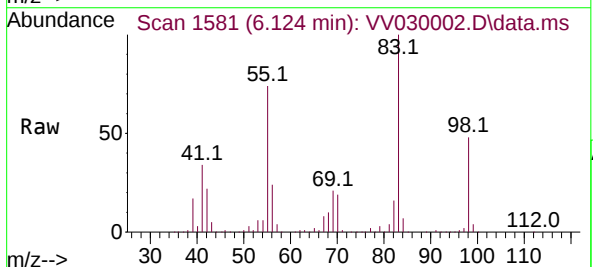
Ion	Ratio	Lower	Upper
95	100		
97	62.8	46.5	86.5
132	98.2	71.8	133.4
130	102.1	75.3	139.9

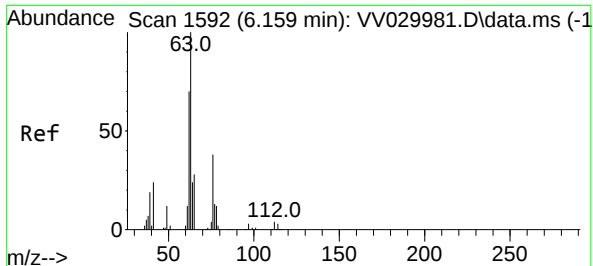


#35
Methylcyclohexane
Concen: 58.412 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 83 Resp: 345180

Ion	Ratio	Lower	Upper
83	100		
55	73.2	56.2	84.2
98	47.6	38.5	57.7

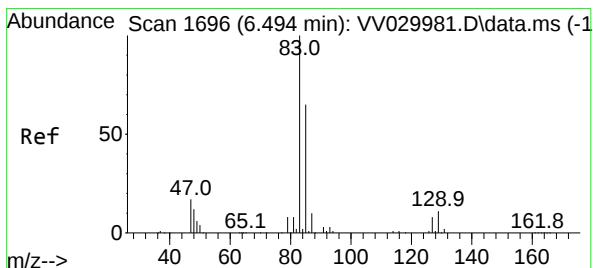
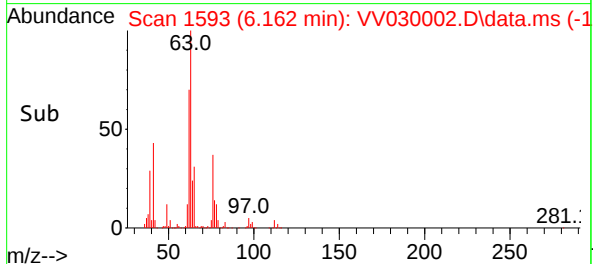
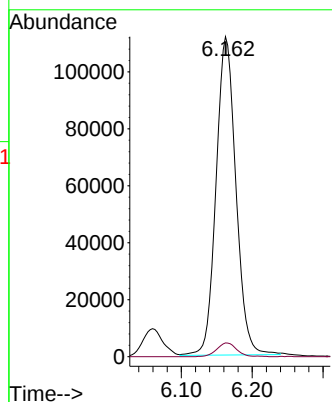
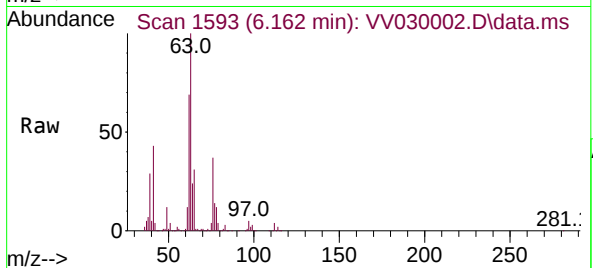




#37
1,2-Dichloropropane
Concen: 57.547 ug/L
RT: 6.162 min Scan# 1593
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

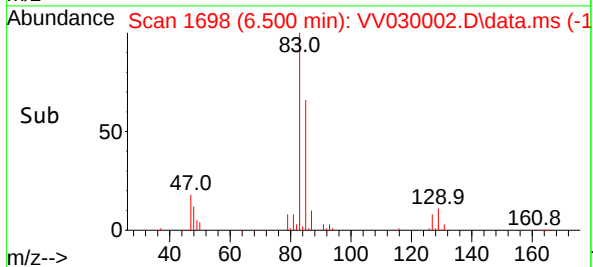
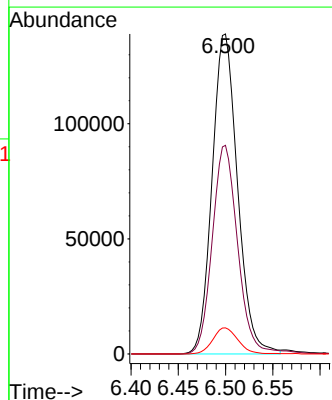
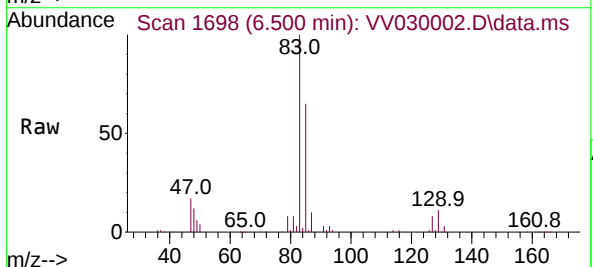
Instrument :
MSVOA_V
ClientSampleId :

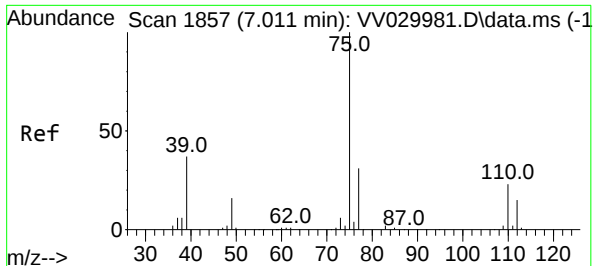
Tgt Ion: 63 Resp: 217249
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 53.082 ug/L
RT: 6.500 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 83 Resp: 260320
Ion Ratio Lower Upper
83 100
85 65.2 44.2 82.0
127 8.1 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 61.347 ug/L

RT: 7.014 min Scan# 1858

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

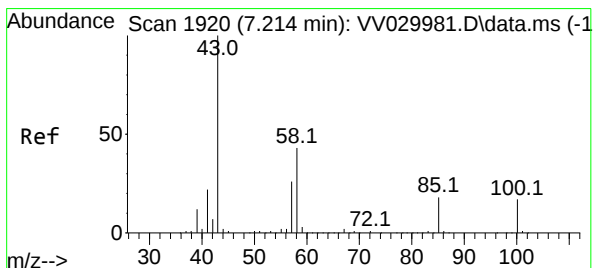
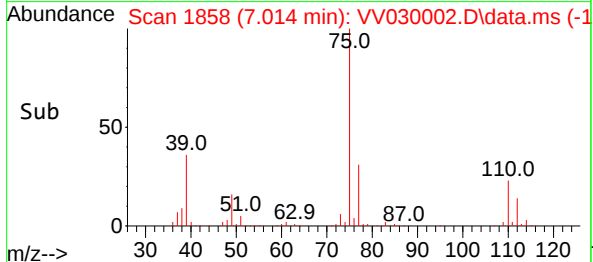
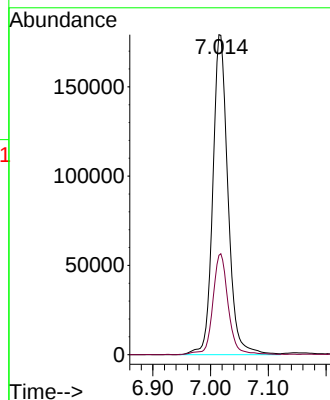
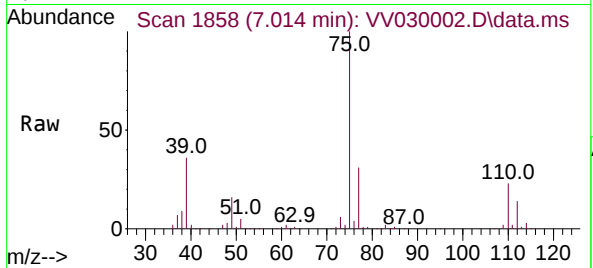
ClientSampleId :

Tgt Ion: 75 Resp: 327306

Ion Ratio Lower Upper

75 100

77 31.0 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 133.299 ug/L

RT: 7.217 min Scan# 1921

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

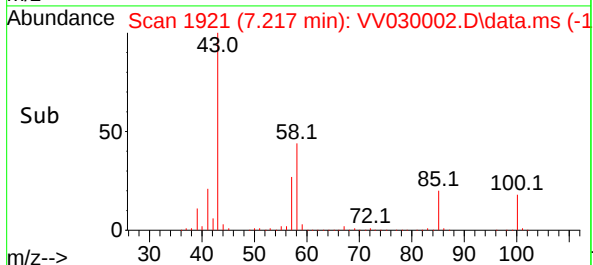
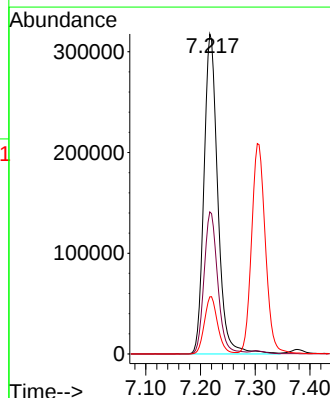
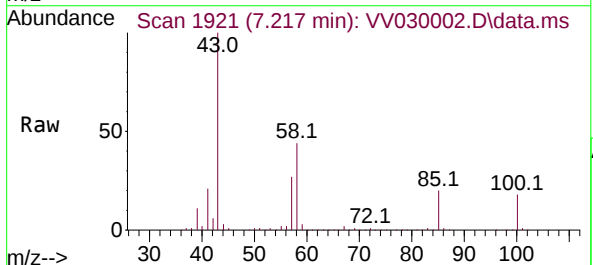
Tgt Ion: 43 Resp: 556817

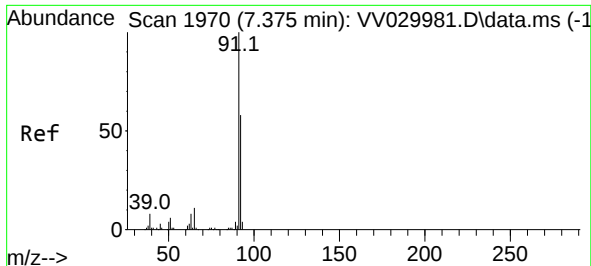
Ion Ratio Lower Upper

43 100

58 44.0 37.0 55.6

100 17.2 16.2 24.2





#42

Toluene

Concen: 56.244 ug/L

RT: 7.378 min Scan# 1970

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

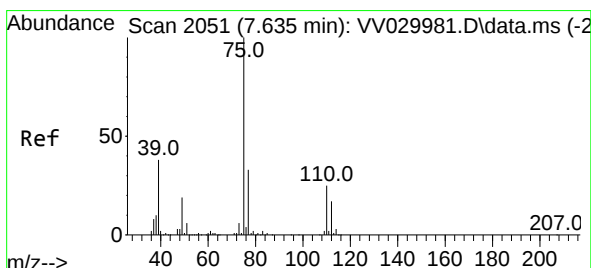
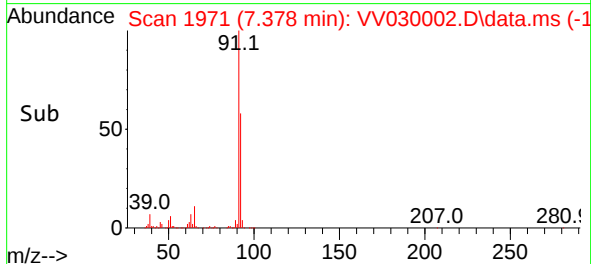
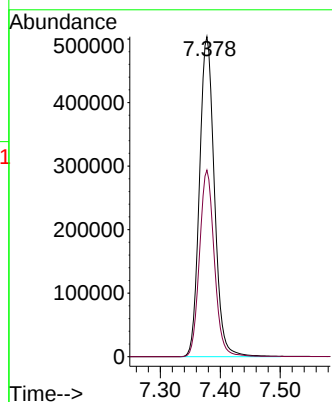
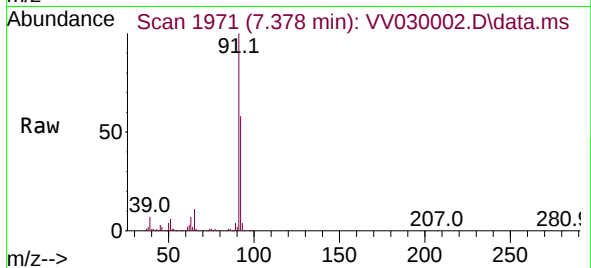
ClientSampleId :

Tgt Ion: 91 Resp: 872600

Ion Ratio Lower Upper

91 100

92 58.3 40.9 75.9



#44

trans-1,3-Dichloropropene

Concen: 61.167 ug/L

RT: 7.638 min Scan# 2052

Delta R.T. 0.003 min

Lab File: VV030002.D

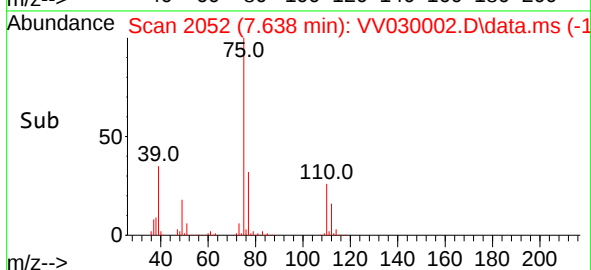
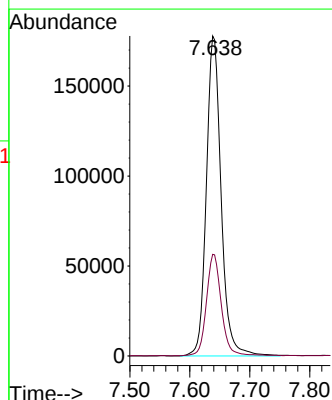
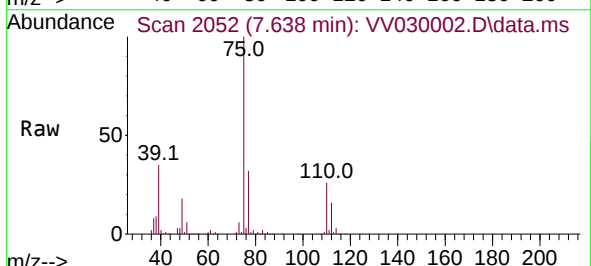
Acq: 30 Jan 2023 19:21

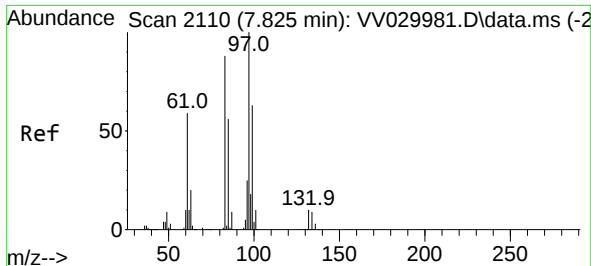
Tgt Ion: 75 Resp: 305288

Ion Ratio Lower Upper

75 100

77 31.8 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 53.959 ug/L

RT: 7.828 min Scan# 2110

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 206058

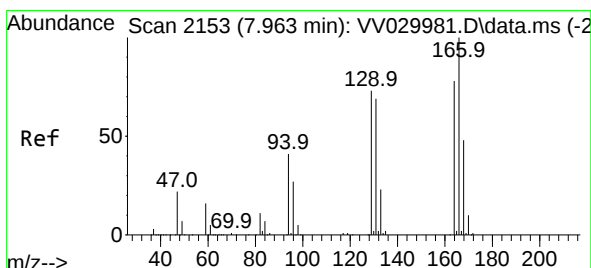
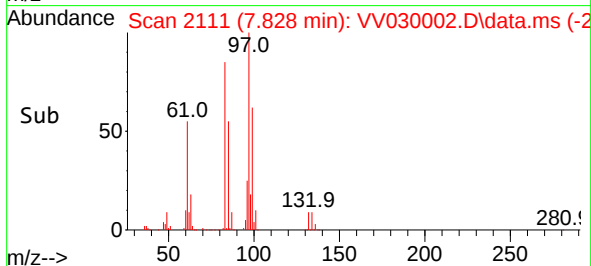
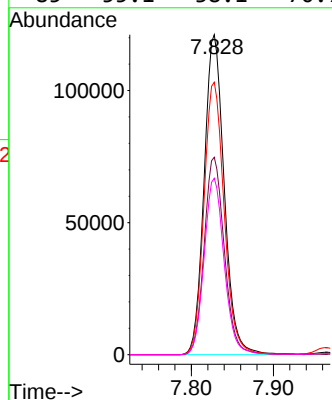
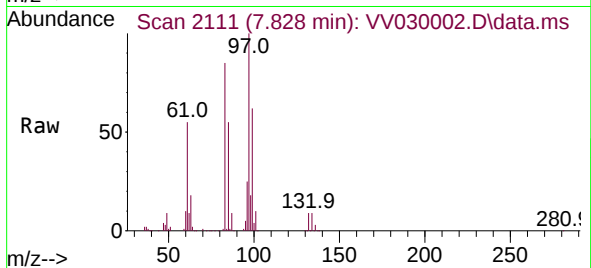
Ion Ratio Lower Upper

97 100

99 61.7 43.9 81.5

83 85.2 59.5 110.5

85 55.1 38.1 70.7



#46

Tetrachloroethene

Concen: 51.275 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Tgt Ion:164 Resp: 154724

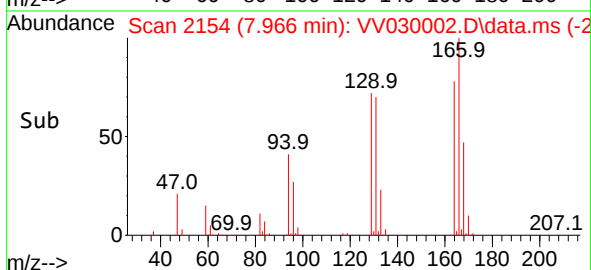
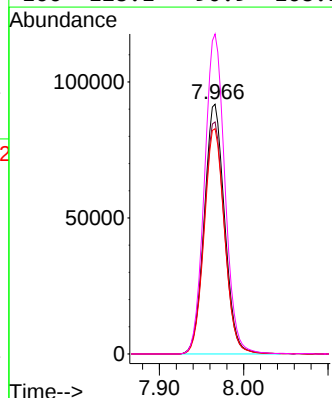
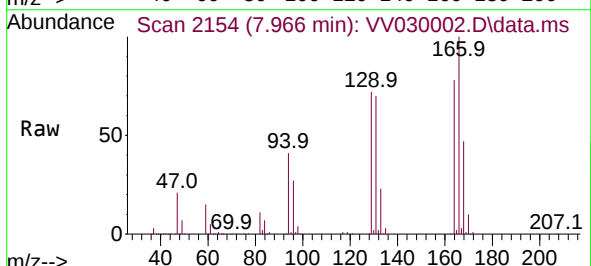
Ion Ratio Lower Upper

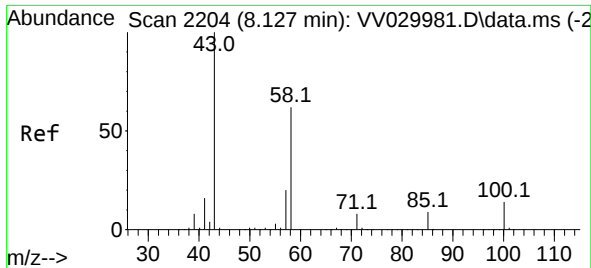
164 100

129 92.9 64.6 120.0

131 90.2 61.8 114.8

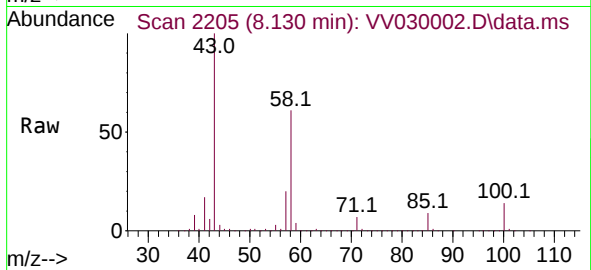
166 128.1 90.9 168.9



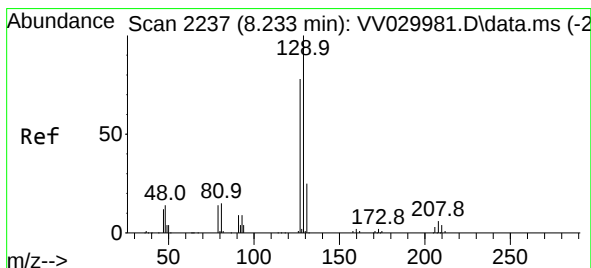
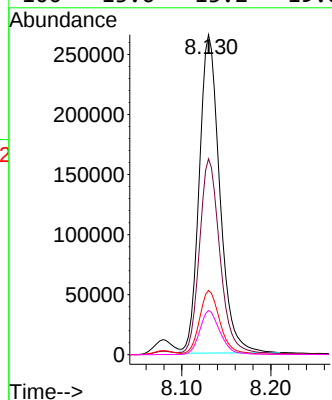
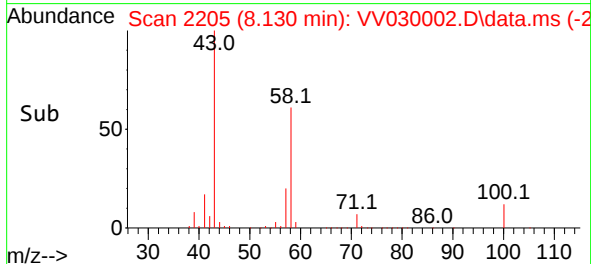


#48
2-Hexanone
Concen: 123.821 ug/L
RT: 8.130 min Scan# 2205
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Instrument :
MSVOA_V
ClientSampleId :

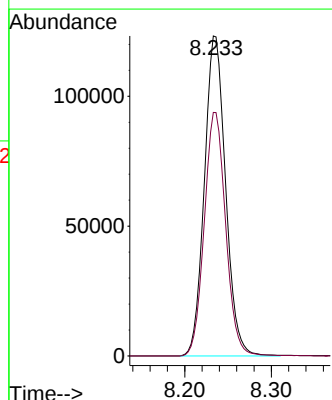
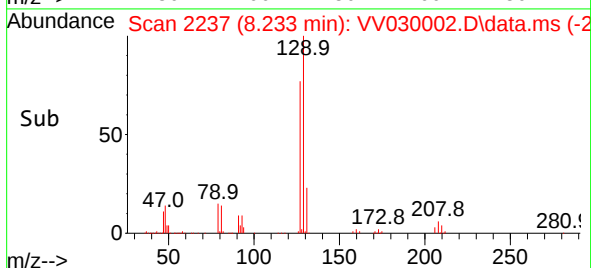
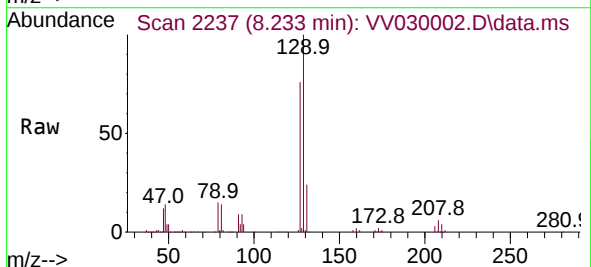


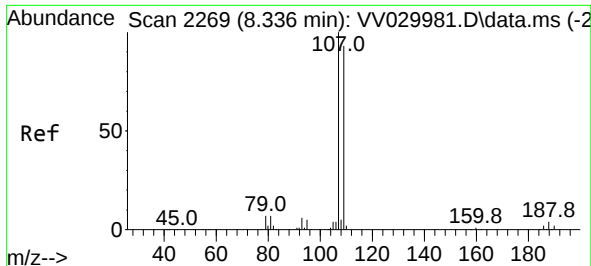
Tgt Ion: 43 Resp: 424199
Ion Ratio Lower Upper
43 100
58 61.5 53.2 79.8
57 20.3 17.6 26.4
100 13.6 13.2 19.8



#49
Dibromochloromethane
Concen: 52.788 ug/L
RT: 8.233 min Scan# 2237
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

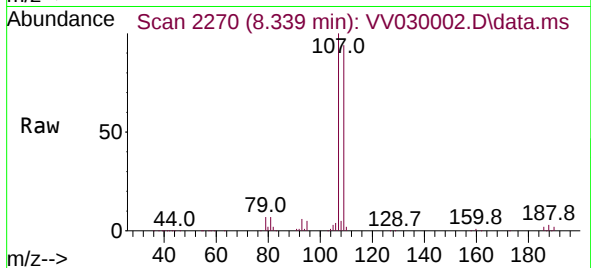
Tgt Ion: 129 Resp: 209821
Ion Ratio Lower Upper
129 100
127 76.1 53.5 99.5



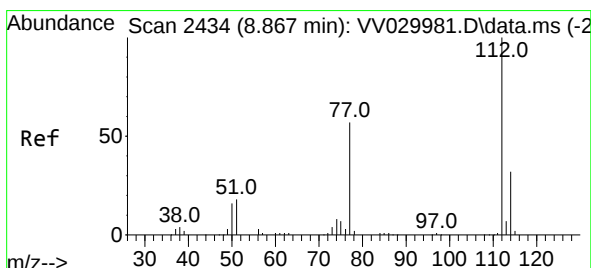
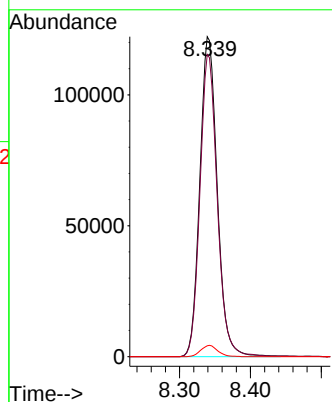
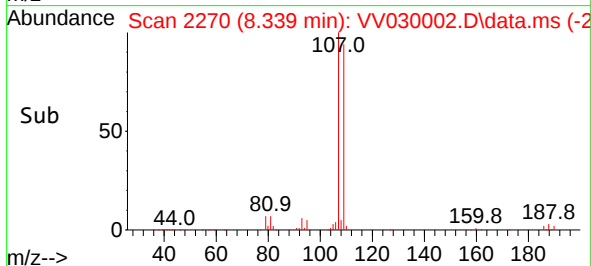


#50
1,2-Dibromoethane
Concen: 54.502 ug/L
RT: 8.339 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Instrument :
MSVOA_V
ClientSampleId :

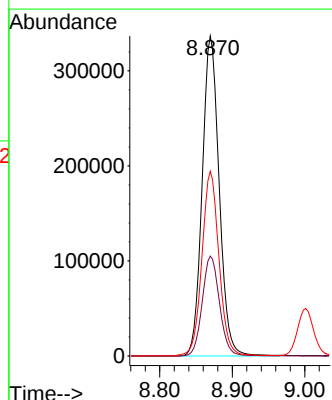
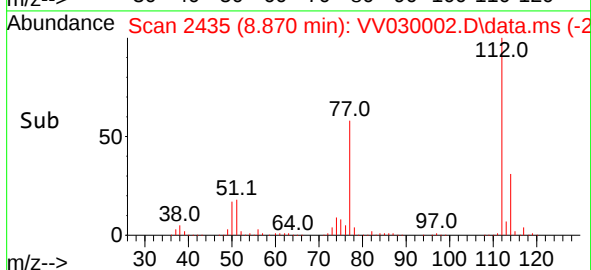
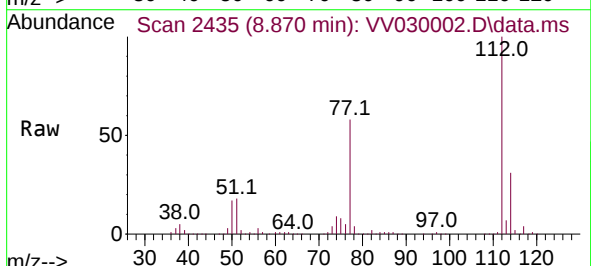


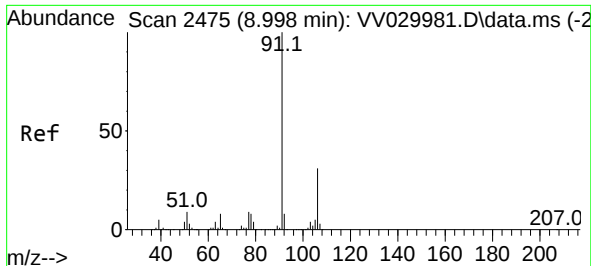
Tgt Ion:107 Resp: 208422
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.4 3.4 5.0



#51
Chlorobenzene
Concen: 51.443 ug/L
RT: 8.870 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion:112 Resp: 548451
Ion Ratio Lower Upper
112 100
114 31.2 22.6 42.0
77 57.7 44.6 66.8





#52

Ethylbenzene

Concen: 53.901 ug/L

RT: 9.001 min Scan# 2475

Delta R.T. 0.003 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

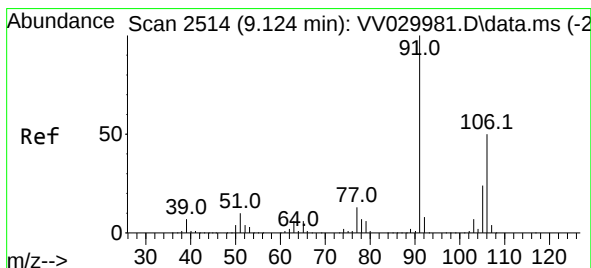
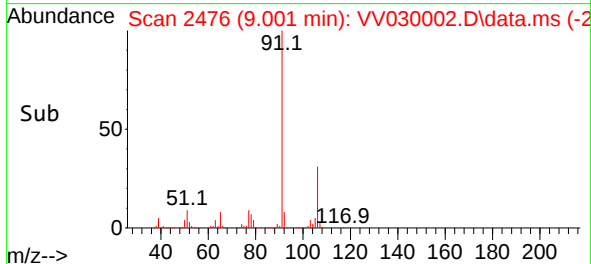
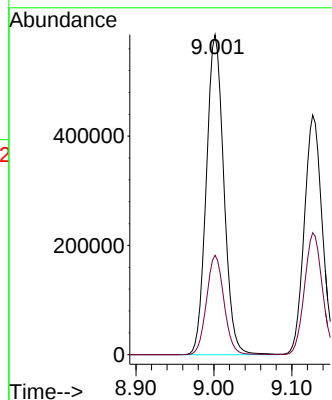
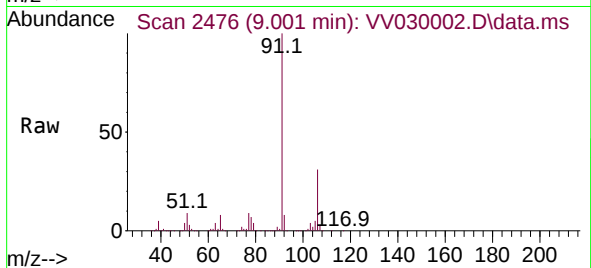
ClientSampleId :

Tgt Ion: 91 Resp: 913971

Ion Ratio Lower Upper

91 100

106 31.1 22.0 40.8



#53

m,p-Xylene

Concen: 53.013 ug/L

RT: 9.127 min Scan# 2515

Delta R.T. 0.003 min

Lab File: VV030002.D

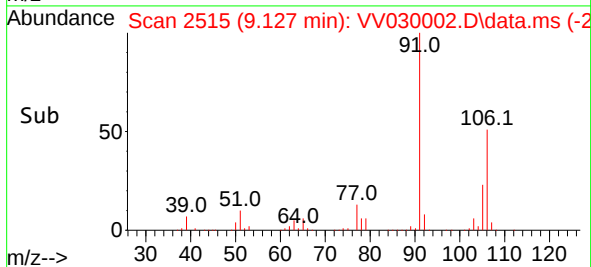
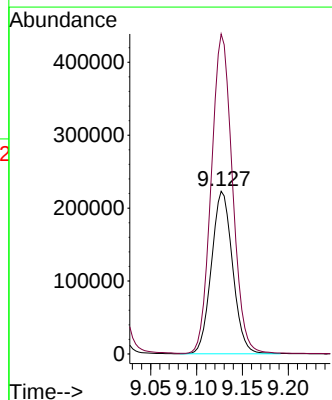
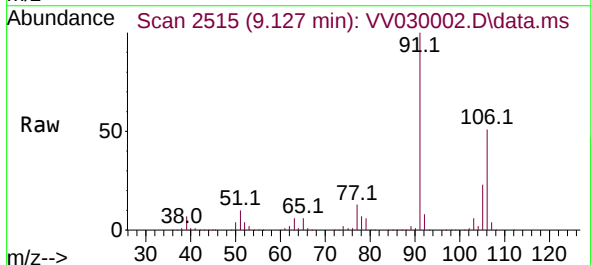
Acq: 30 Jan 2023 19:21

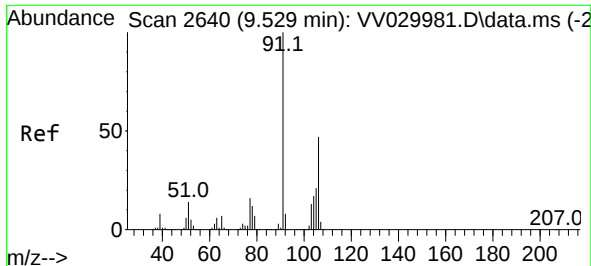
Tgt Ion: 106 Resp: 356940

Ion Ratio Lower Upper

106 100

91 196.6 138.9 258.1

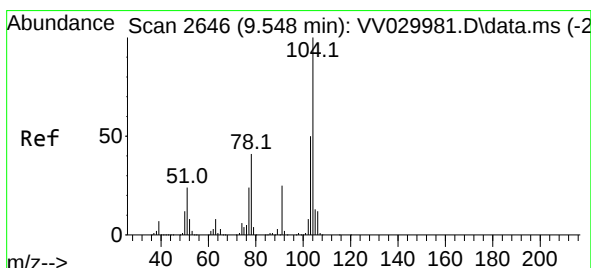
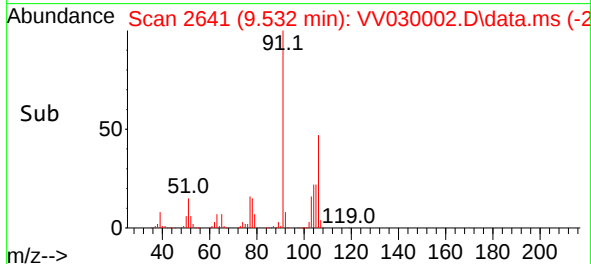
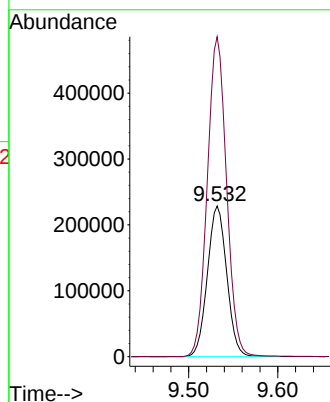
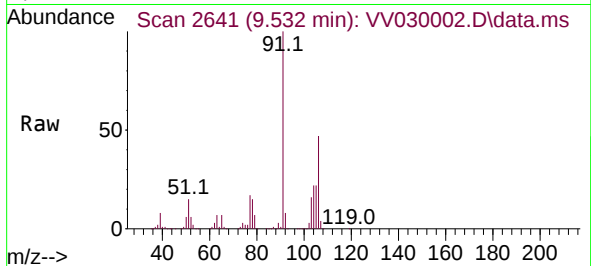




#54
o-Xylene
Concen: 52.841 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

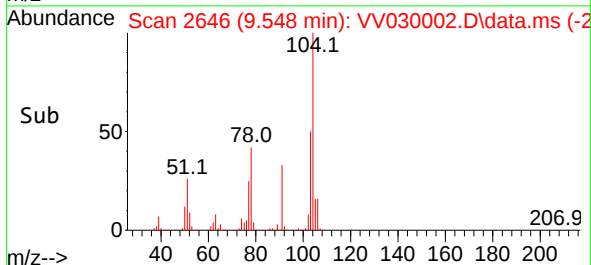
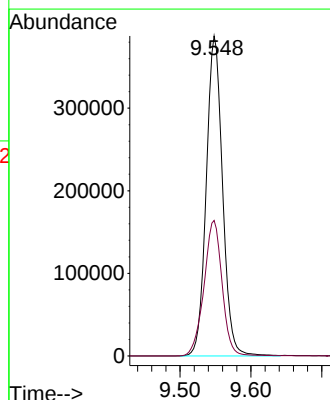
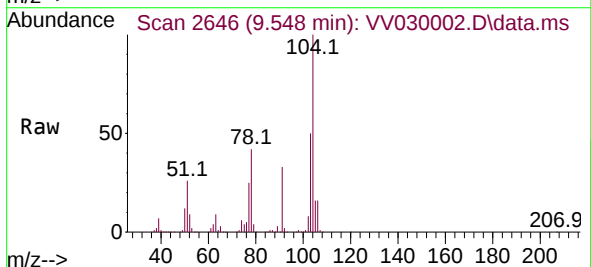
Instrument :
MSVOA_V
ClientSampleId :

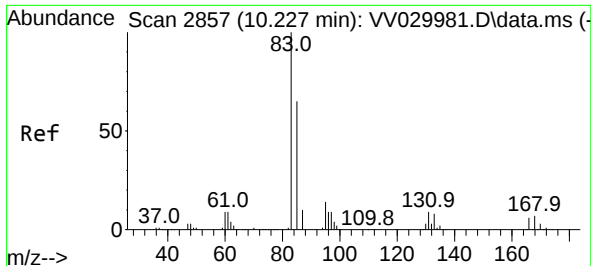
Tgt Ion:106 Resp: 344464
Ion Ratio Lower Upper
106 100
91 212.2 146.2 271.6



#55
Styrene
Concen: 52.613 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion:104 Resp: 618555
Ion Ratio Lower Upper
104 100
78 42.3 28.6 53.0

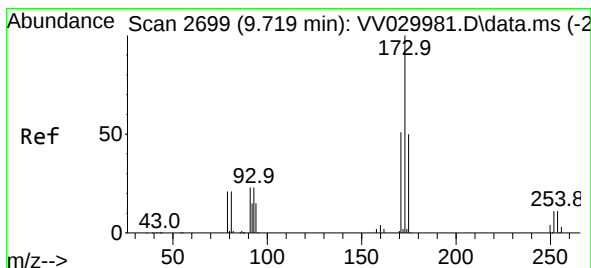
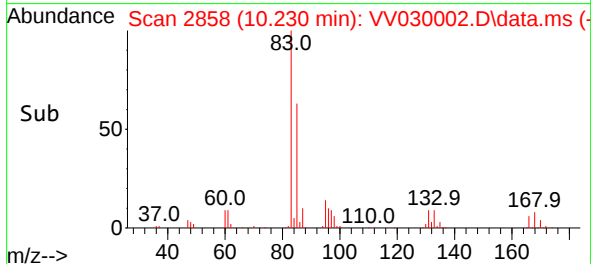
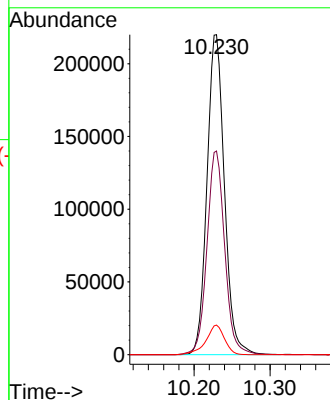
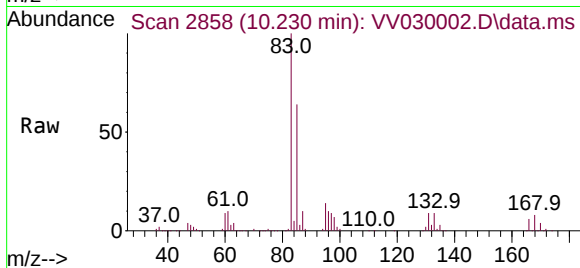




#57
1,1,2,2-Tetrachloroethane
Concen: 54.595 ug/L
RT: 10.230 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

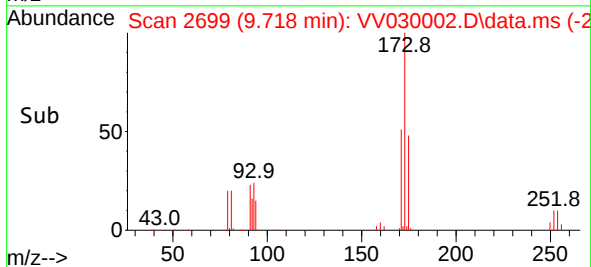
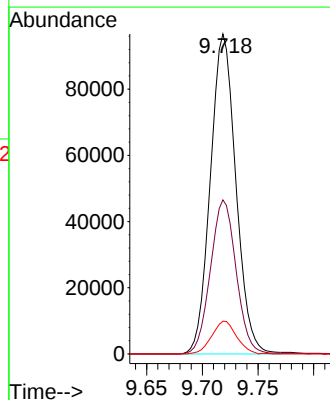
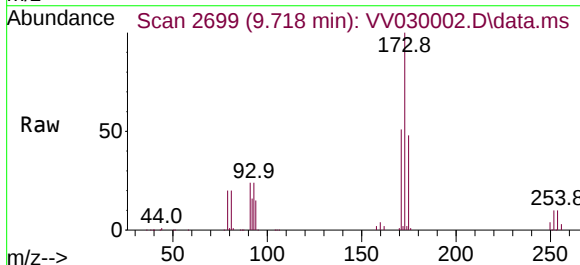
Instrument :
MSVOA_V
ClientSampleId :

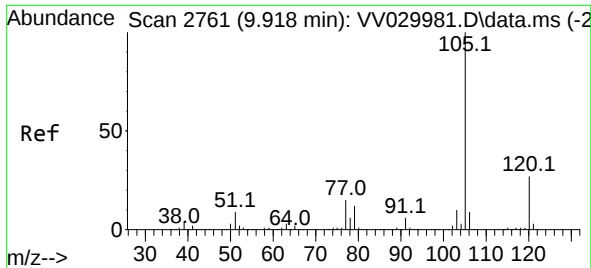
Tgt Ion: 83 Resp: 350134
Ion Ratio Lower Upper
83 100
85 63.6 44.9 83.3
131 9.3 8.1 12.1



#59
Bromoform
Concen: 53.500 ug/L
RT: 9.718 min Scan# 2699
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 173 Resp: 154123
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
254 10.0 8.2 12.2

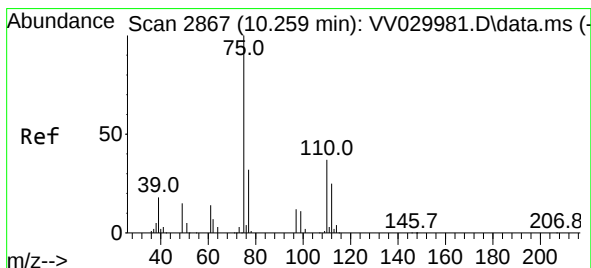
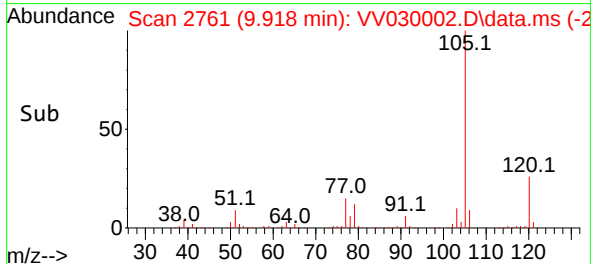
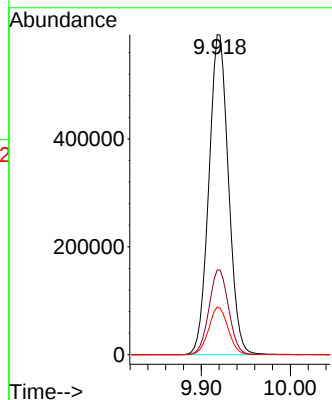
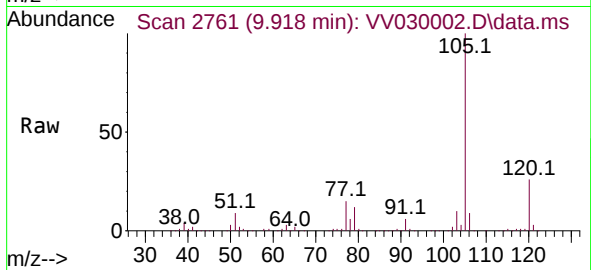




#60
Isopropylbenzene
Concen: 52.142 ug/L
RT: 9.918 min Scan# 2761
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

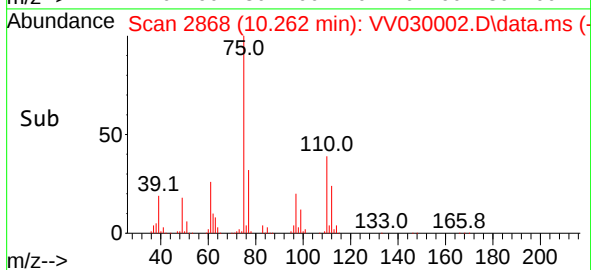
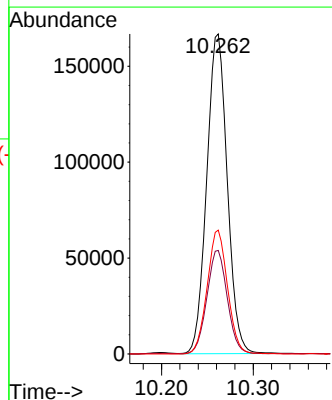
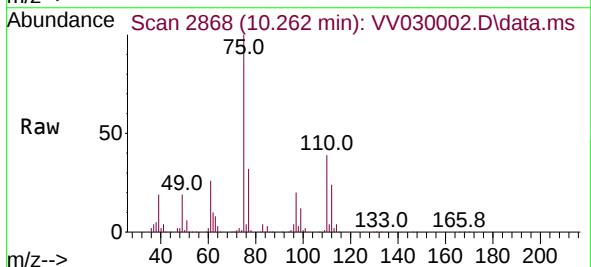
Instrument :
MSVOA_V
ClientSampleId :

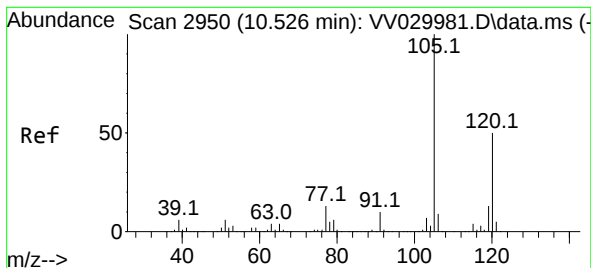
Tgt Ion:105 Resp: 903439
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.2
77 14.7 11.6 17.4



#61
1,2,3-Trichloropropane
Concen: 54.807 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion: 75 Resp: 259248
Ion Ratio Lower Upper
75 100
77 32.0 25.9 38.9
110 38.3 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 52.778 ug/L

RT: 10.525 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

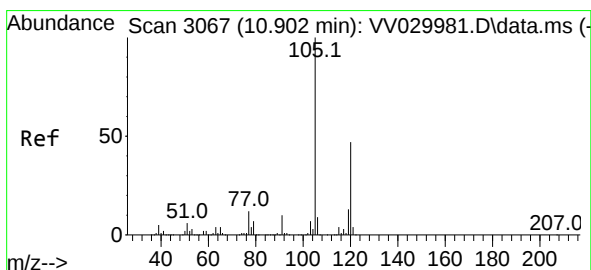
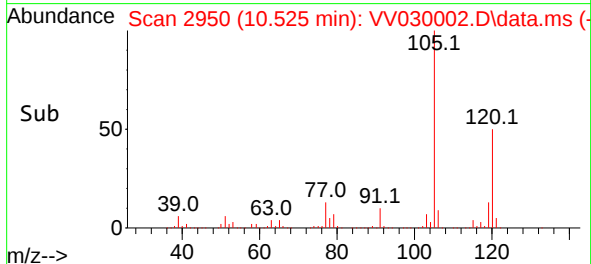
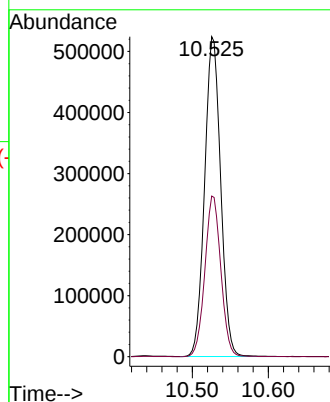
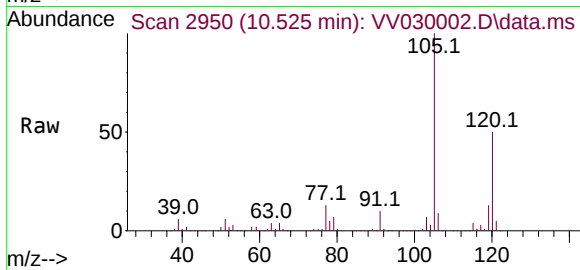
ClientSampleId :

Tgt Ion:105 Resp: 767795

Ion Ratio Lower Upper

105 100

120 50.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 53.279 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV030002.D

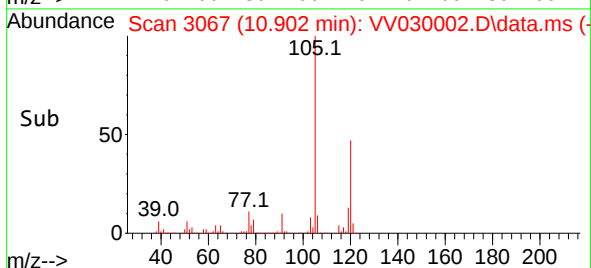
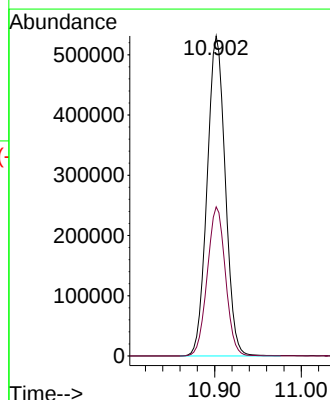
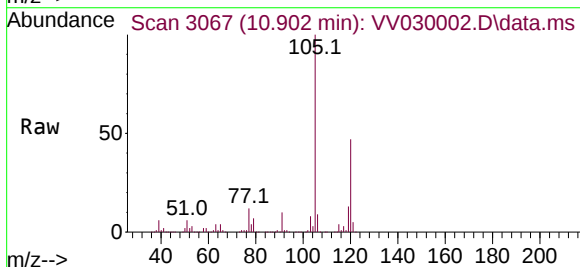
Acq: 30 Jan 2023 19:21

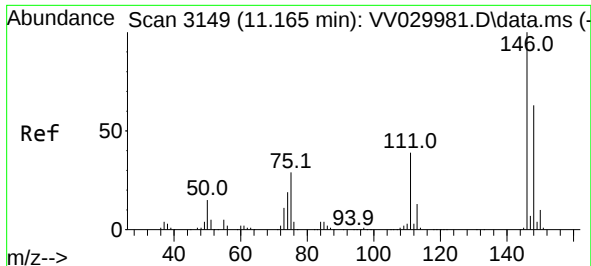
Tgt Ion:105 Resp: 772534

Ion Ratio Lower Upper

105 100

120 46.6 37.0 55.6

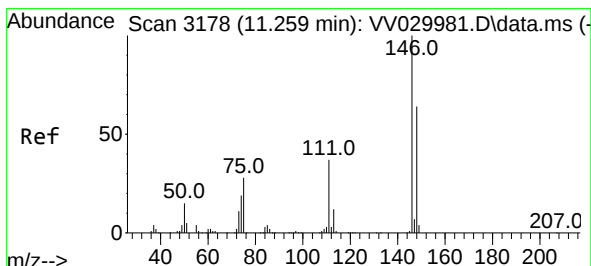
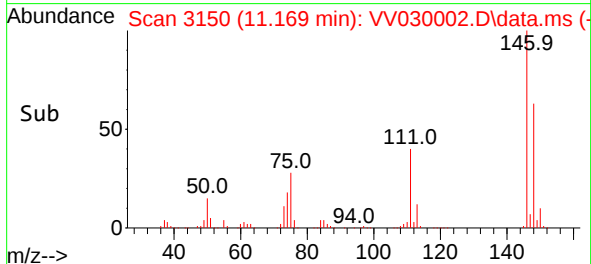
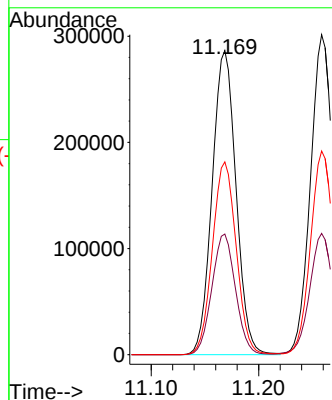
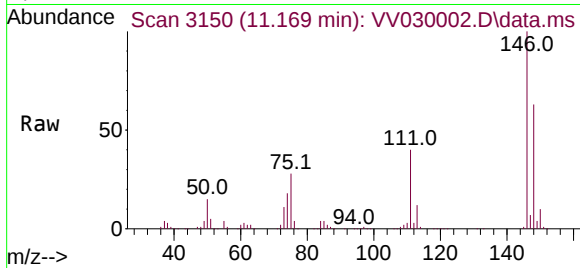




#64
1,3-Dichlorobenzene
Concen: 50.488 ug/L
RT: 11.169 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

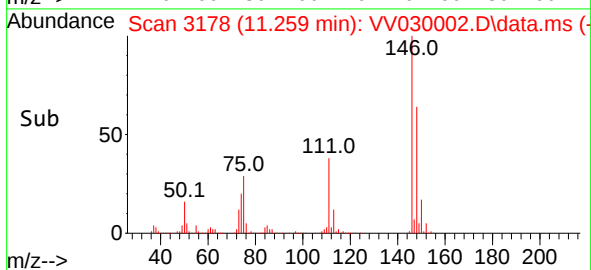
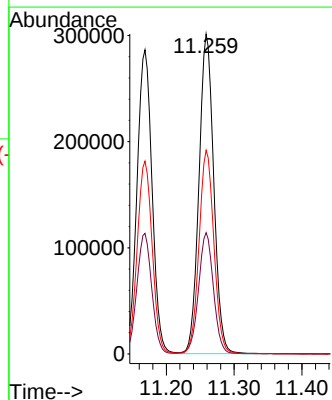
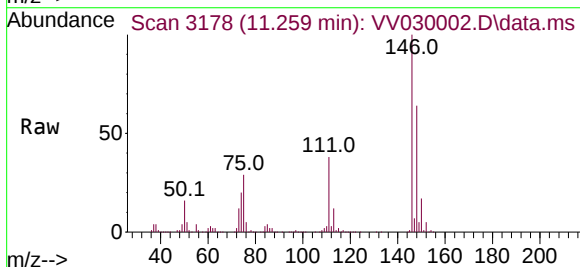
Instrument :
MSVOA_V
ClientSampleId :

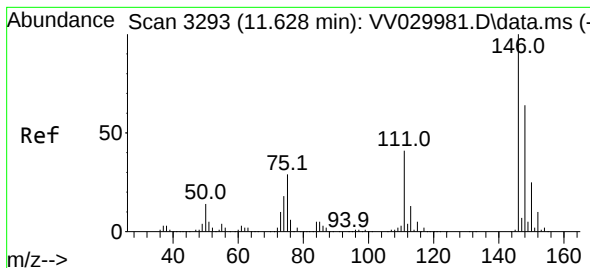
Tgt Ion:146 Resp: 441953
Ion Ratio Lower Upper
146 100
111 39.7 26.9 50.1
148 63.4 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 50.245 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV030002.D
Acq: 30 Jan 2023 19:21

Tgt Ion:146 Resp: 455664
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.8
148 63.6 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 54.336 ug/L

RT: 11.628 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

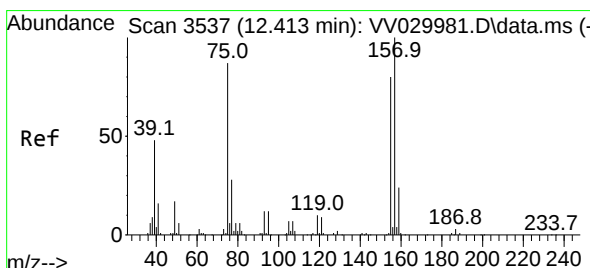
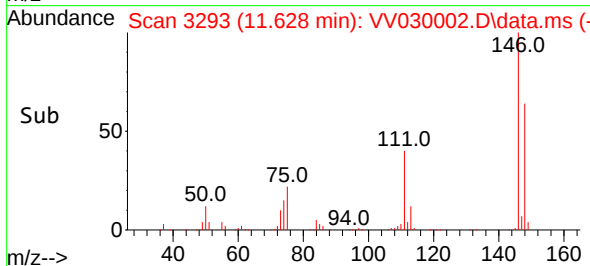
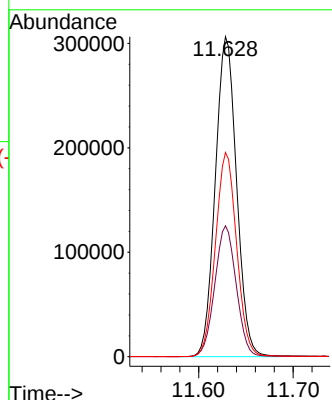
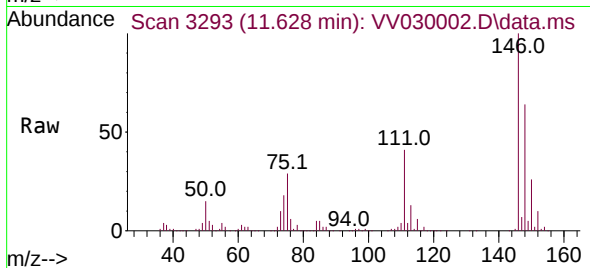
Tgt Ion:146 Resp: 478820

Ion Ratio Lower Upper

146 100

111 40.9 32.7 49.1

148 63.8 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 56.785 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.000 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

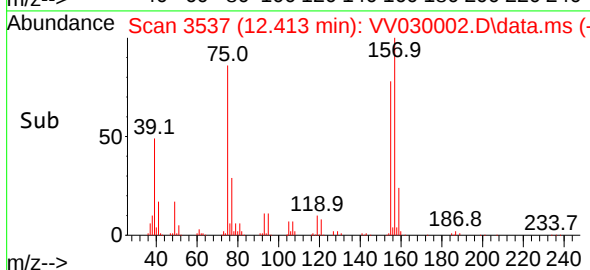
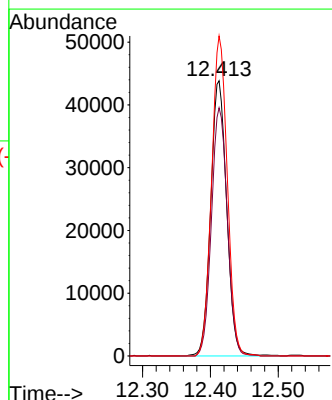
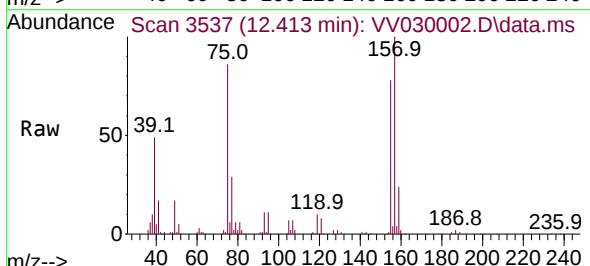
Tgt Ion: 75 Resp: 71776

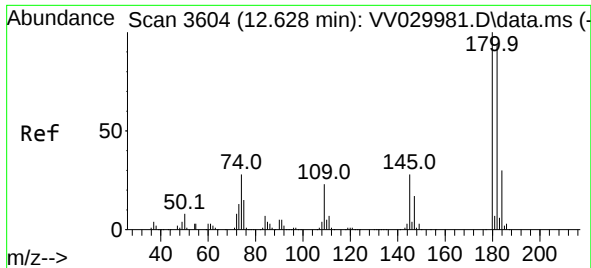
Ion Ratio Lower Upper

75 100

155 90.2 72.3 108.5

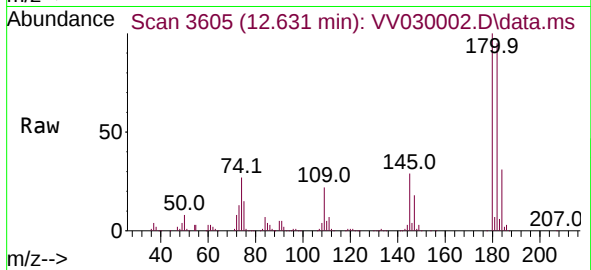
157 116.3 95.4 143.2



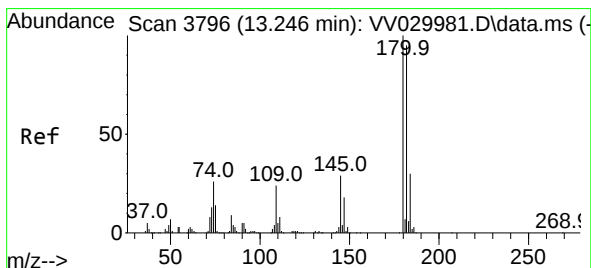
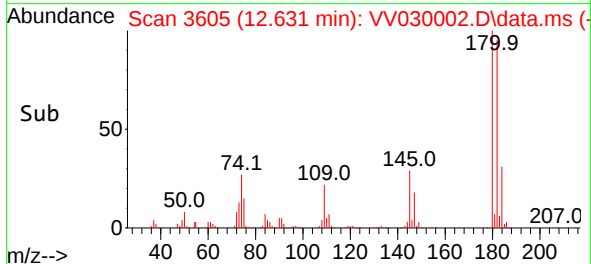
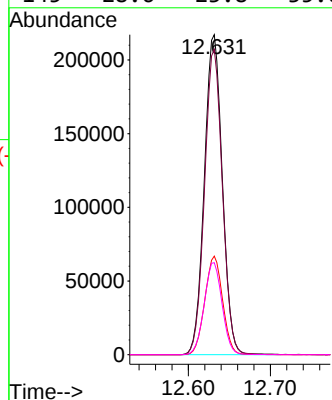


#69
 1,3,5-Trichlorobenzene
 Concen: 48.487 ug/L
 RT: 12.631 min Scan# 3605
 Delta R.T. 0.003 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

Instrument :
 MSVOA_V
 ClientSampleId :

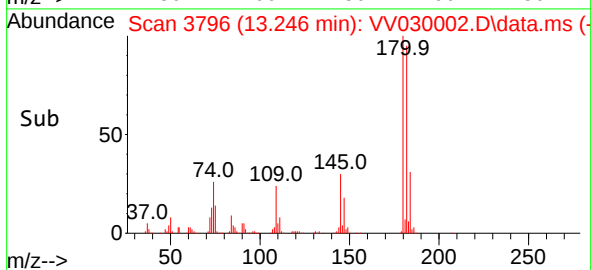
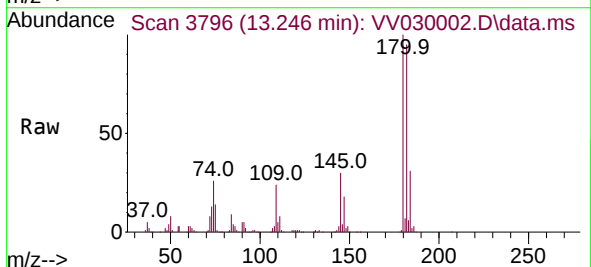
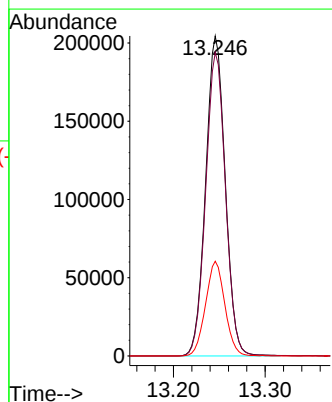


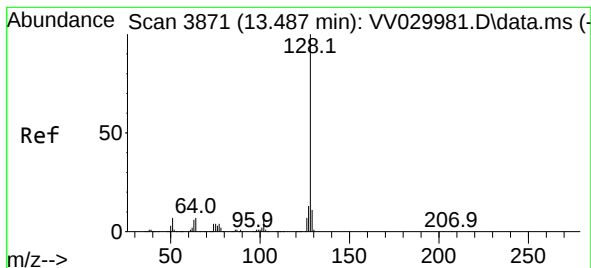
Tgt Ion:180 Resp: 330426
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.2 114.4
 184 30.5 23.9 35.9
 145 28.6 23.8 35.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.523 ug/L
 RT: 13.246 min Scan# 3796
 Delta R.T. -0.000 min
 Lab File: VV030002.D
 Acq: 30 Jan 2023 19:21

Tgt Ion:180 Resp: 303900
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.0 114.0
 145 29.1 24.0 36.0





#71

Naphthalene

Concen: 58.125 ug/L

RT: 13.487 min Scan# 3871

Delta R.T. -0.000 min

Lab File: VV030002.D

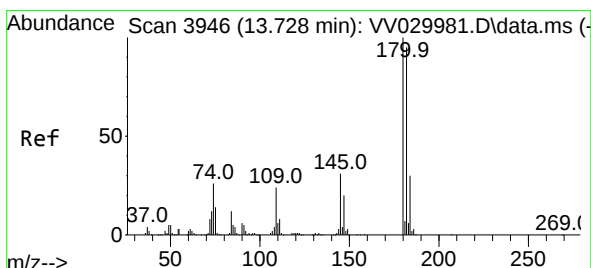
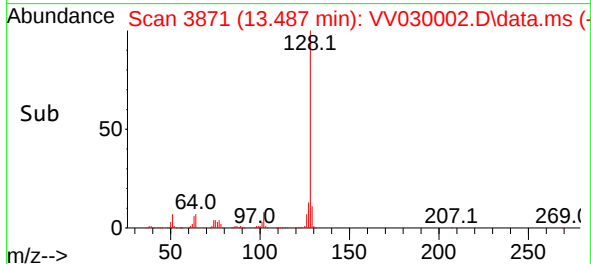
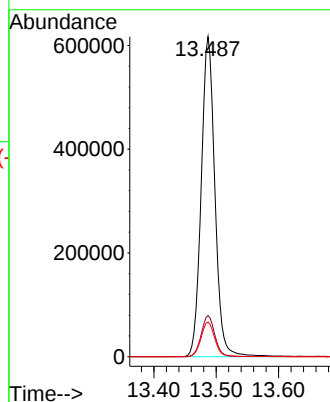
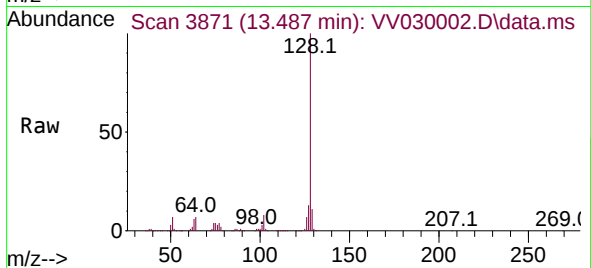
Acq: 30 Jan 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	128	Resp:	940315
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.9	8.7	13.1



#72

1,2,3-Trichlorobenzene

Concen: 52.331 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV030002.D

Acq: 30 Jan 2023 19:21

Tgt Ion:	180	Resp:	306757
Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.3	114.5
145	30.8	25.7	38.5

