

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
 Data File : VW030067.D
 Acq On : 17 Feb 2023 15:25
 Operator : SY/MD
 Sample : VSTD01013
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

Quant Time: Feb 20 00:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	461312	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	434187	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	254145	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	31916	9.731	ug/L	0.00
7) Chloroethane-d5	1.536	69	26390	10.515	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.066	63	59679	9.512	ug/L	0.00
21) 2-Butanone-d5	3.806	46	39714	19.643	ug/L	0.00
24) Chloroform-d	4.262	84	59280	9.724	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	35423	9.830	ug/L	0.00
32) Benzene-d6	4.973	84	114998	9.973	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.998	67	36883	10.059	ug/L	0.00
41) Toluene-d8	7.252	98	106045	9.744	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	17537	9.624	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	32997	19.303	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.162	84	55603	10.109	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.571	152	45522	10.057	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	46844	9.593	ug/L	99
3) Chloromethane	1.217	50	64625	10.314	ug/L	99
5) Vinyl chloride	1.285	62	43592	9.991	ug/L	100
6) Bromomethane	1.491	94	9198	11.597	ug/L	98
8) Chloroethane	1.552	64	25238	9.913	ug/L	99
9) Trichlorofluoromethane	1.719	101	57030	9.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	33715	9.524	ug/L	97
12) 1,1-Dichloroethene	2.076	96	30784	9.667	ug/L	95
13) Acetone	2.124	43	30809	19.611	ug/L	99
14) Carbon disulfide	2.246	76	94026	9.985	ug/L	99
15) Methyl Acetate	2.381	43	32958	10.089	ug/L	99
16) Methylene chloride	2.455	84	35298	10.125	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	32492	9.981	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	101219	9.771	ug/L	99
19) 1,1-Dichloroethane	3.121	63	58629	9.772	ug/L	97
20) cis-1,2-Dichloroethene	3.828	96	34965	9.712	ug/L	98
22) 2-Butanone	3.886	43	38381	17.879	ug/L	96
23) Bromochloromethane	4.163	128	19180	9.993	ug/L	97
25) Chloroform	4.288	83	60199	9.842	ug/L	99
27) 1,2-Dichloroethane	5.056	62	45072	9.866	ug/L	97
29) Cyclohexane	4.597	56	49768	9.837	ug/L	99
30) 1,1,1-Trichloroethane	4.526	97	54763	10.153	ug/L	100
31) Carbon tetrachloride	4.748	117	46918	9.909	ug/L	99
33) Benzene	5.021	78	129234	10.088	ug/L	100
34) Trichloroethene	5.844	95	35143	10.079	ug/L	98
35) Methylcyclohexane	6.063	83	52698	9.521	ug/L	99
37) 1,2-Dichloropropane	6.105	63	32802	9.723	ug/L	99
38) Bromodichloromethane	6.442	83	44452	9.810	ug/L	98
39) cis-1,3-Dichloropropene	6.966	75	55061	9.709	ug/L	98
40) 4-Methyl-2-pentanone	7.169	43	85216	20.318	ug/L	98
42) Toluene	7.323	91	139833	9.976	ug/L	98
44) trans-1,3-Dichloropropene	7.593	75	48991	9.499	ug/L	99

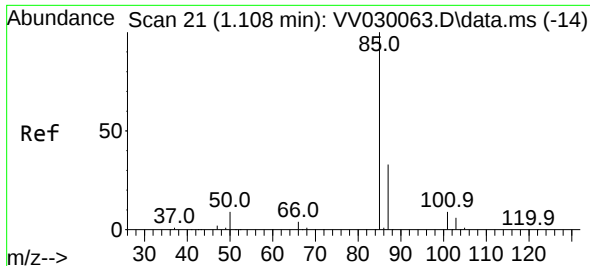
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021723\
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Quant Time: Feb 20 00:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM021723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 20 00:27:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.780	97	34898	9.967	ug/L	99
46) Tetrachloroethene	7.915	164	28232	9.632	ug/L	99
48) 2-Hexanone	8.085	43	64709	20.331	ug/L	98
49) Dibromochloromethane	8.185	129	34811	9.585	ug/L	96
50) 1,2-Dibromoethane	8.291	107	38997	10.152	ug/L	99
51) Chlorobenzene	8.825	112	93578	10.017	ug/L	99
52) Ethylbenzene	8.957	91	153039	9.860	ug/L	97
53) m,p-Xylene	9.082	106	57460	9.690	ug/L	100
54) o-Xylene	9.487	106	55514	9.714	ug/L	98
55) Styrene	9.506	104	92585	9.484	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.188	83	58806	10.274	ug/L	98
59) Bromoform	9.674	173	23645	9.395	ug/L	99
60) Isopropylbenzene	9.876	105	151558	10.028	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	44690	10.628	ug/L	99
62) 1,3,5-Trimethylbenzene	10.487	105	122987	9.826	ug/L	98
63) 1,2,4-Trimethylbenzene	10.860	105	120725	9.813	ug/L	100
64) 1,3-Dichlorobenzene	11.127	146	77847	10.221	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	79786	10.238	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	77477	10.217	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.374	75	12644	10.307	ug/L	98
69) 1,3,5-Trichlorobenzene	12.593	180	61829	10.173	ug/L	98
70) 1,2,4-trichlorobenzene	13.210	180	58884	10.308	ug/L	99
71) Naphthalene	13.448	128	173283	10.458	ug/L	100
72) 1,2,3-Trichlorobenzene	13.693	180	59399	10.595	ug/L	100

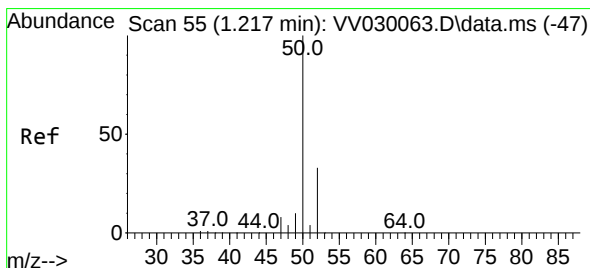
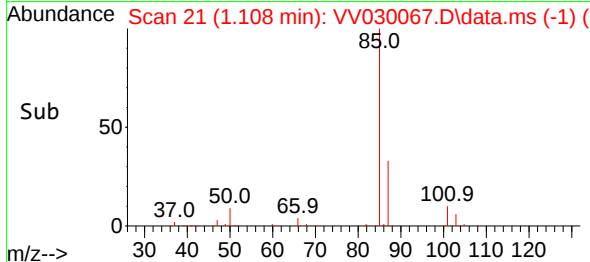
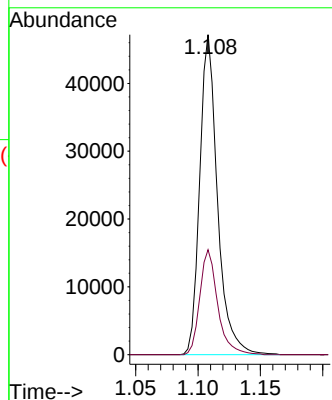
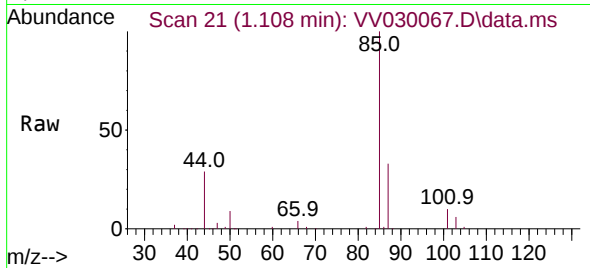
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 9.593 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

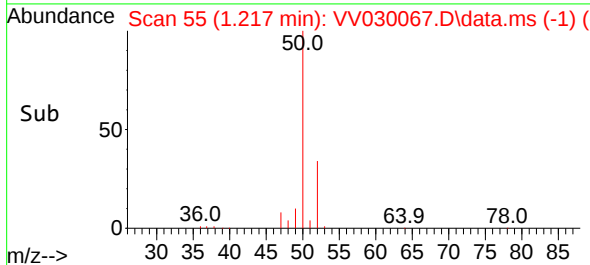
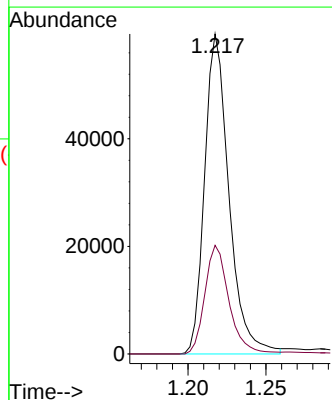
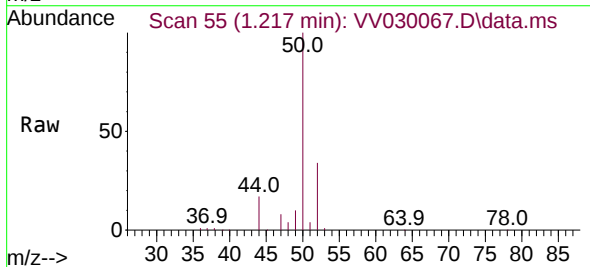
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

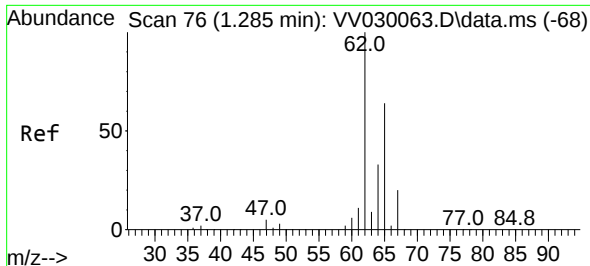
Tgt Ion: 85 Resp: 46844
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 10.314 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Tgt Ion: 50 Resp: 64625
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.4 43.4

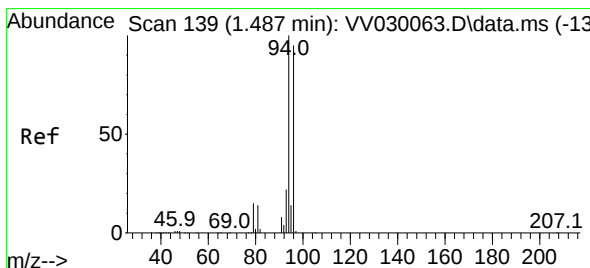
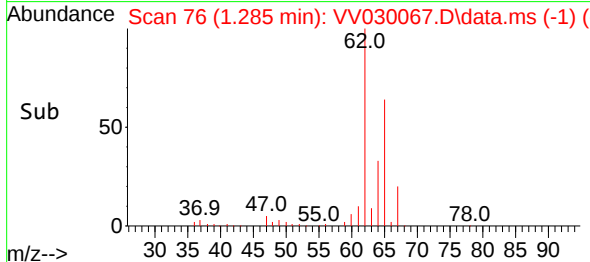
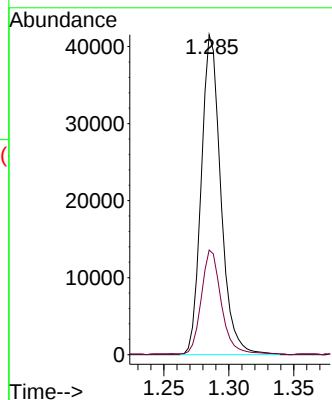
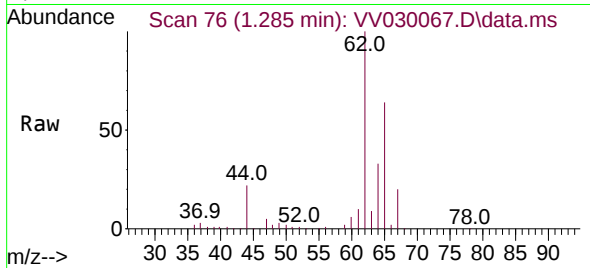




#5
 Vinyl chloride
 Concen: 9.991 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

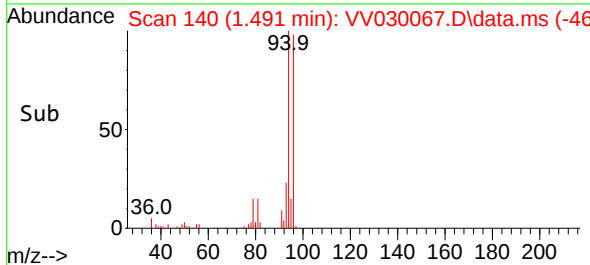
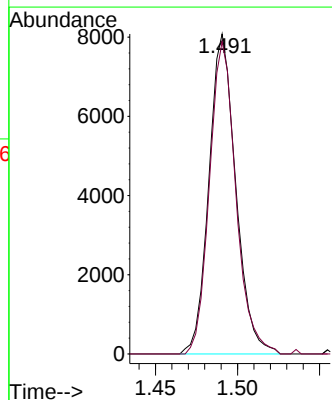
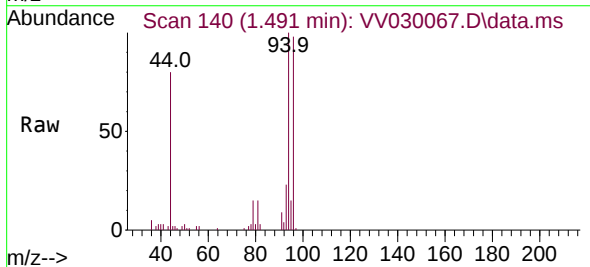
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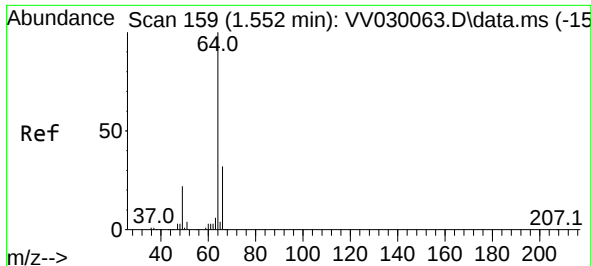
Tgt Ion: 62 Resp: 43592
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 11.597 ug/L
 RT: 1.491 min Scan# 140
 Delta R.T. 0.003 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Tgt Ion: 94 Resp: 9198
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.7 123.9

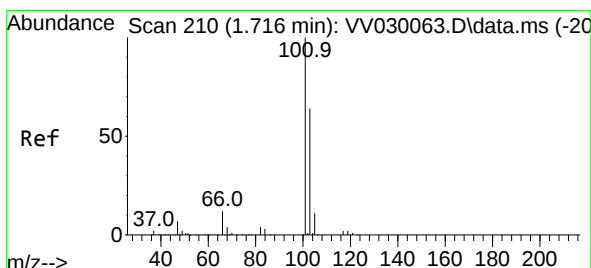
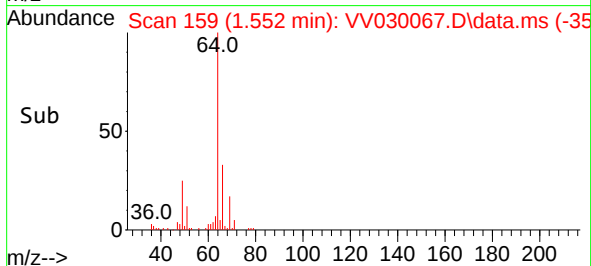
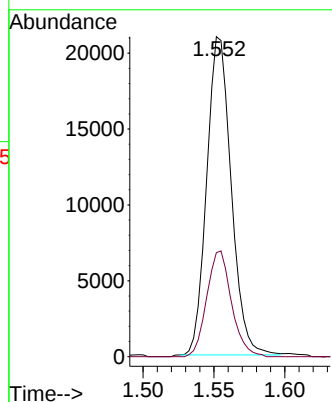
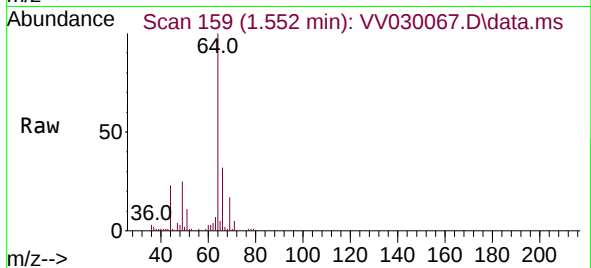




#8
Chloroethane
Concen: 9.913 ug/L
RT: 1.552 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

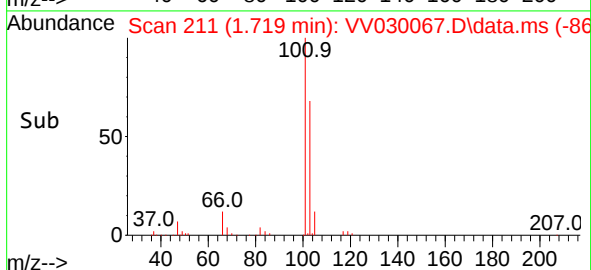
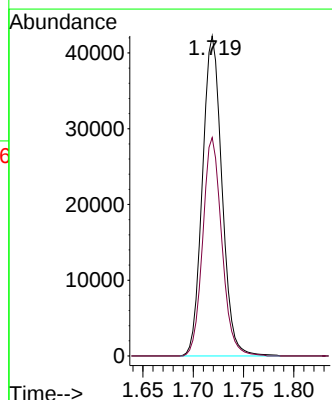
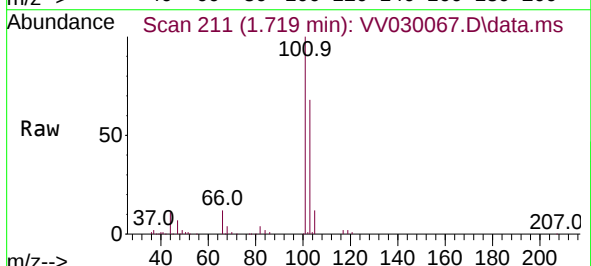
Instrument :
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ClientSampleId :
VSTD010213

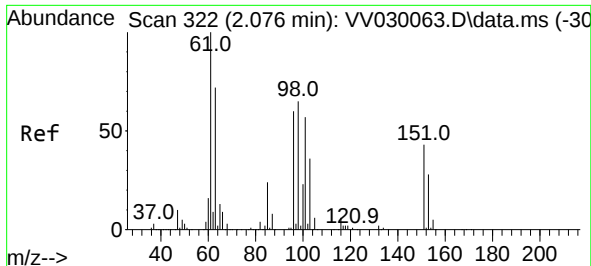
Tgt Ion: 64 Resp: 25238
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 9.860 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:101 Resp: 57030
Ion Ratio Lower Upper
101 100
103 66.6 52.6 78.8





#10

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

Concen: 9.524 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

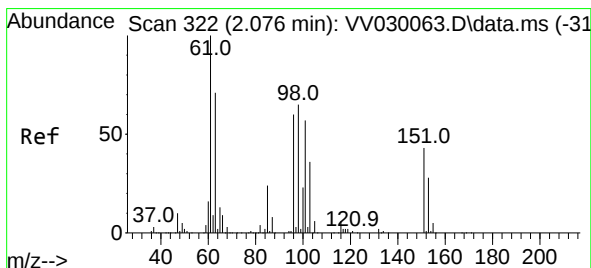
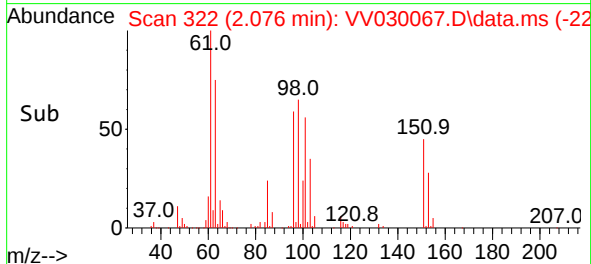
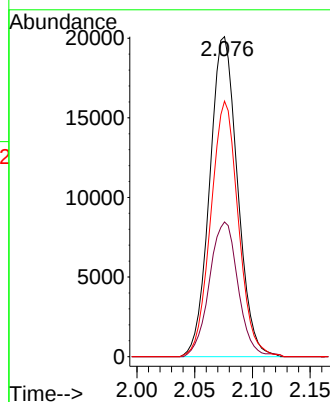
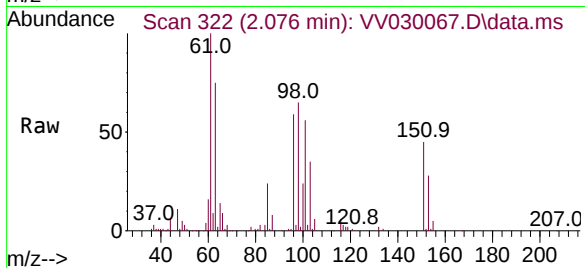
Tgt Ion:101 Resp: 33715

Ion Ratio Lower Upper

101 100

85 43.1 33.4 50.2

151 79.0 60.8 91.2



#12

1,1-Dichloroethene

Concen: 9.667 ug/L

RT: 2.076 min Scan# 322

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

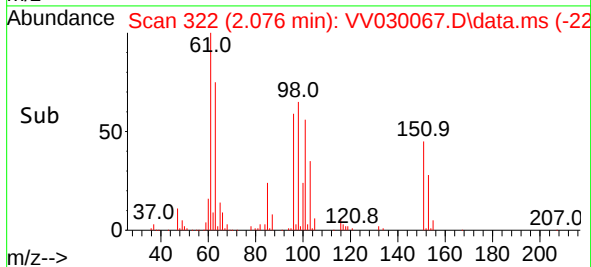
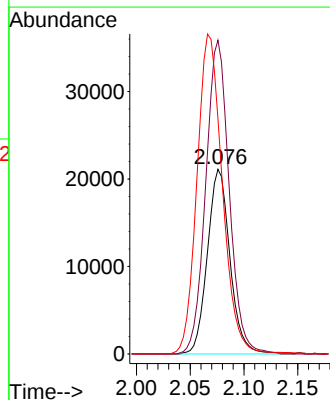
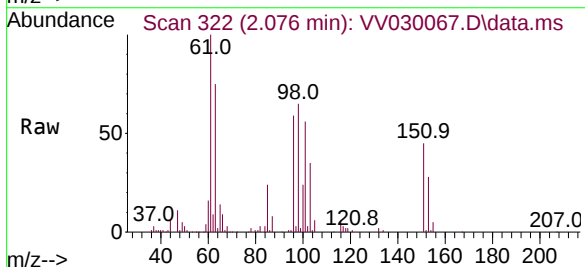
Tgt Ion: 96 Resp: 30784

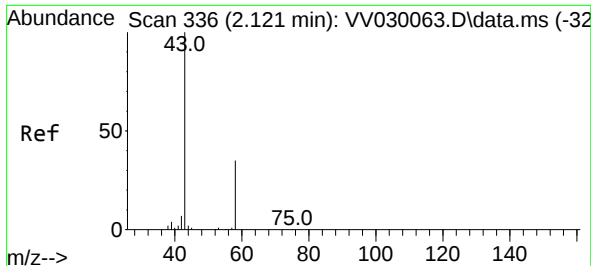
Ion Ratio Lower Upper

96 100

61 169.9 115.8 215.2

63 127.2 83.4 154.8





#13

Acetone

Concen: 19.611 ug/L

RT: 2.124 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

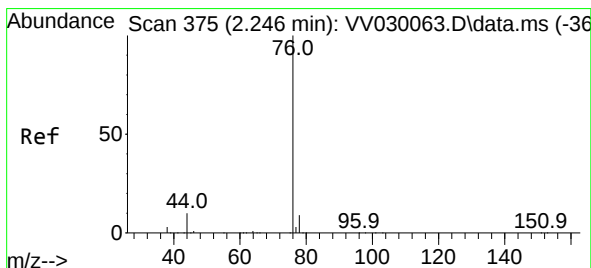
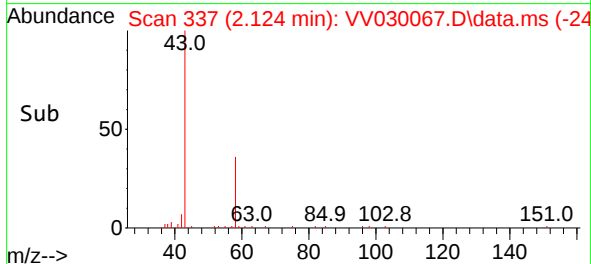
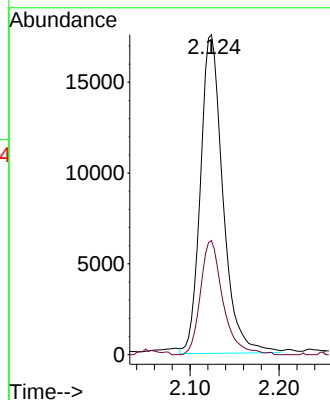
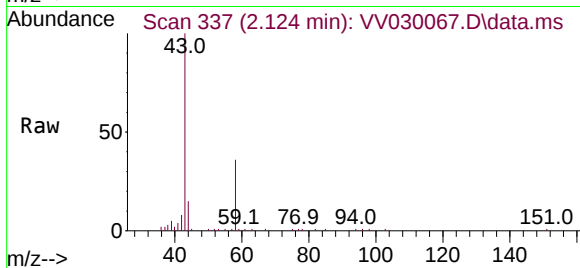
VSTD010213

Tgt Ion: 43 Resp: 30809

Ion Ratio Lower Upper

43 100

58 35.7 0.0 70.6



#14

Carbon disulfide

Concen: 9.985 ug/L

RT: 2.246 min Scan# 375

Delta R.T. -0.000 min

Lab File: VV030067.D

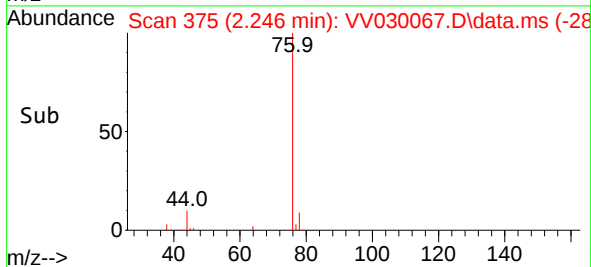
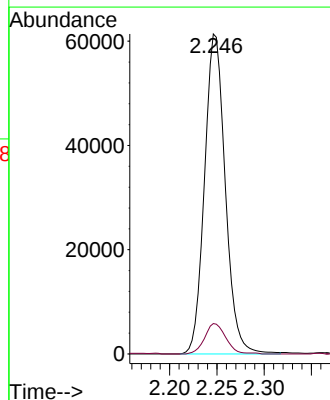
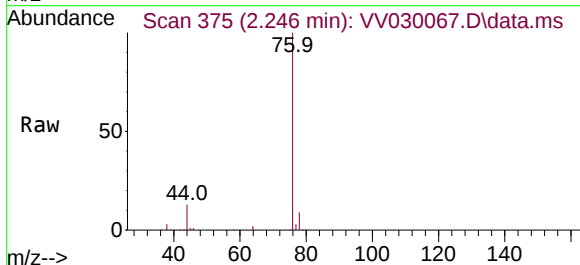
Acq: 17 Feb 2023 15:25

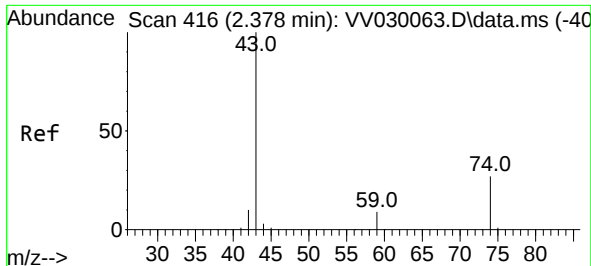
Tgt Ion: 76 Resp: 94026

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

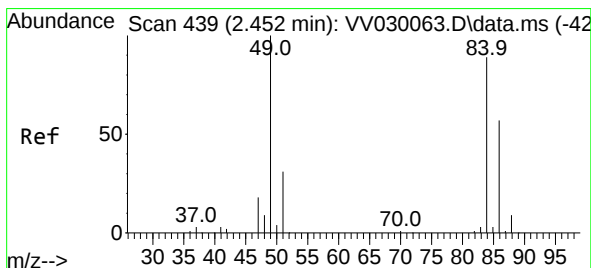
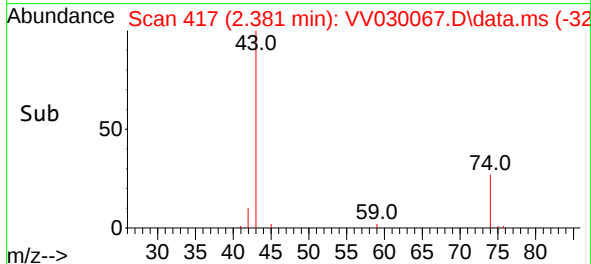
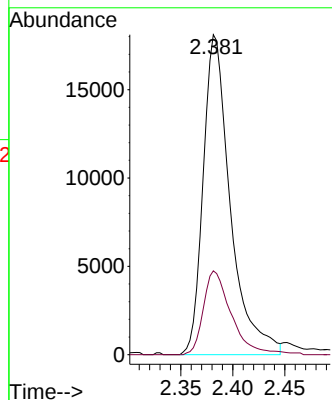
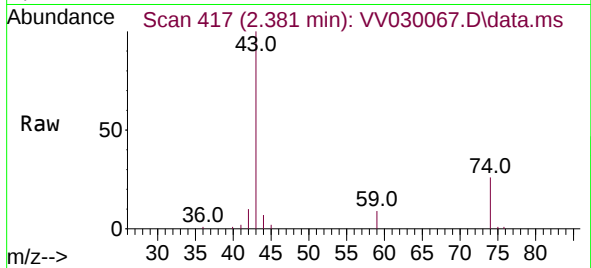




#15
Methyl Acetate
Concen: 10.089 ug/L
RT: 2.381 min Scan# 416
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

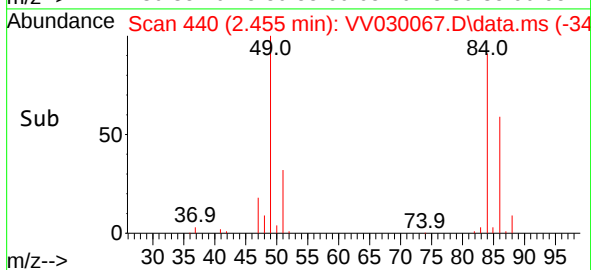
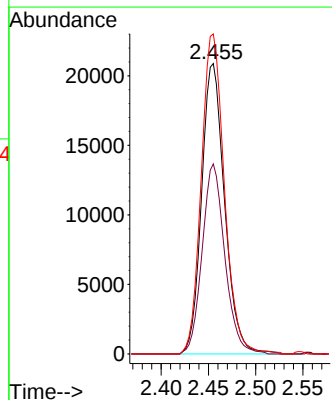
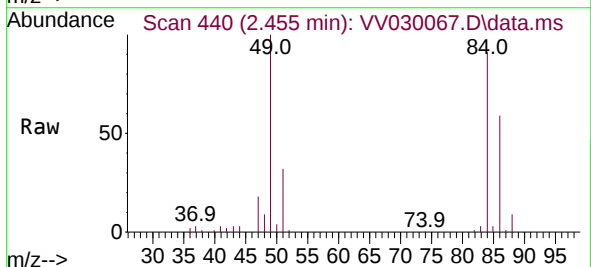
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MSVOA_V
ClientSampleId :
VSTD010213

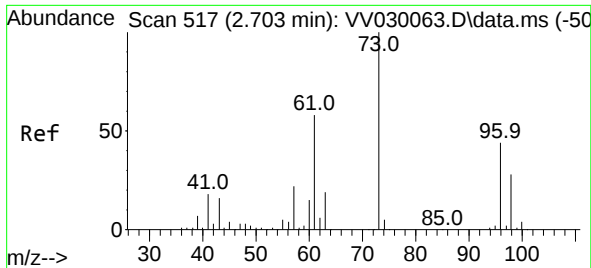
Tgt Ion: 43 Resp: 32958
Ion Ratio Lower Upper
43 100
74 26.9 21.9 32.9



#16
Methylene chloride
Concen: 10.125 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 84 Resp: 35298
Ion Ratio Lower Upper
84 100
86 65.5 45.1 83.7
49 110.2 78.7 146.1



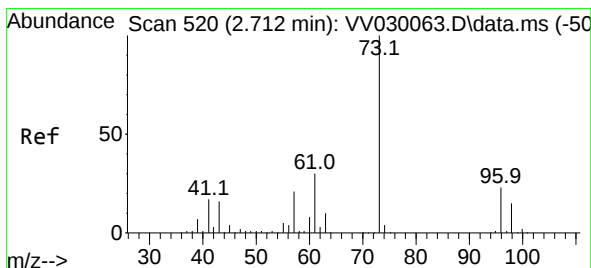
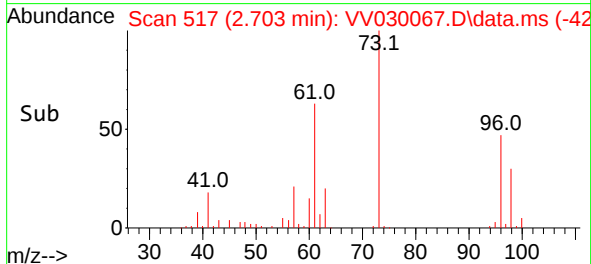
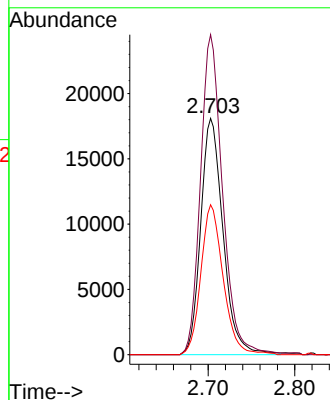
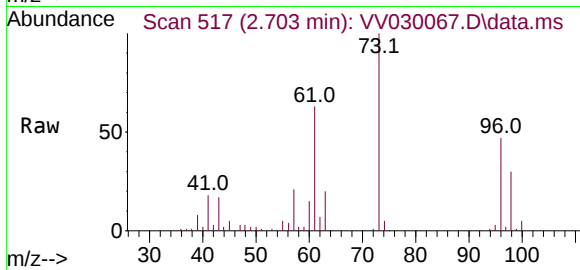


#17
 trans-1,2-Dichloroethene
 Concen: 9.981 ug/L
 RT: 2.703 min Scan# 517
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

Tgt Ion: 96 Resp: 32492

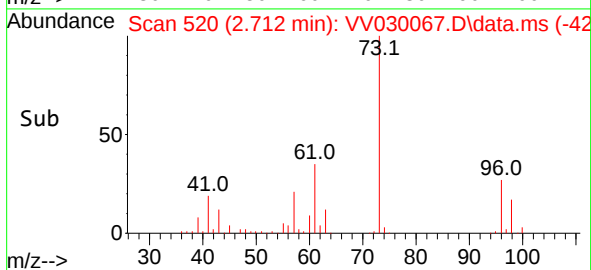
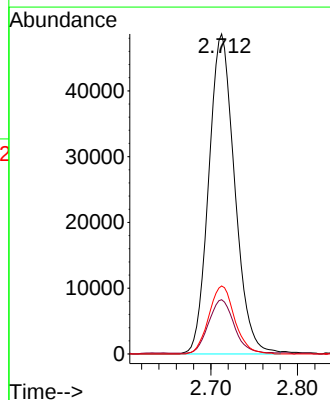
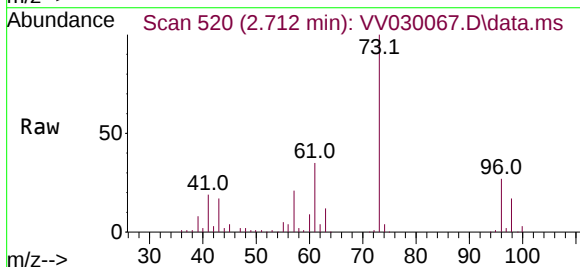
Ion	Ratio	Lower	Upper
96	100		
61	135.4	93.3	173.3
98	63.4	44.1	81.9

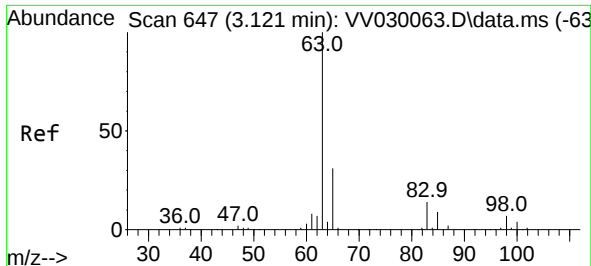


#18
 Methyl tert-butyl Ether
 Concen: 9.771 ug/L
 RT: 2.712 min Scan# 520
 Delta R.T. 0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Tgt Ion: 73 Resp: 101219

Ion	Ratio	Lower	Upper
73	100		
43	16.5	12.7	19.1
57	21.2	17.0	25.4





#19

1,1-Dichloroethane

Concen: 9.772 ug/L

RT: 3.121 min Scan# 647

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

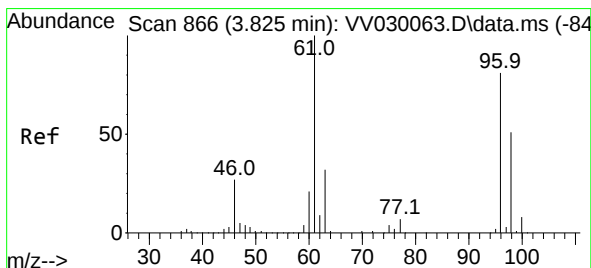
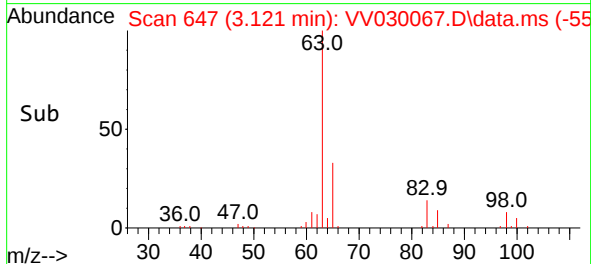
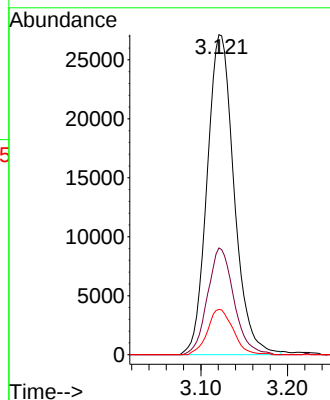
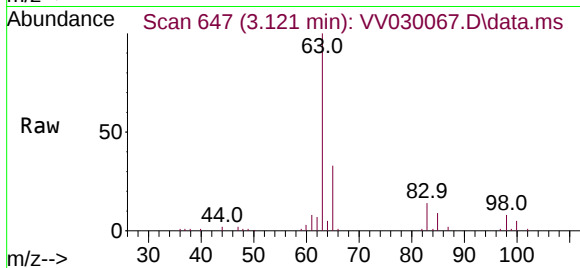
Tgt Ion: 63 Resp: 58629

Ion Ratio Lower Upper

63 100

65 33.4 22.0 41.0

83 14.2 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 9.712 ug/L

RT: 3.828 min Scan# 867

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

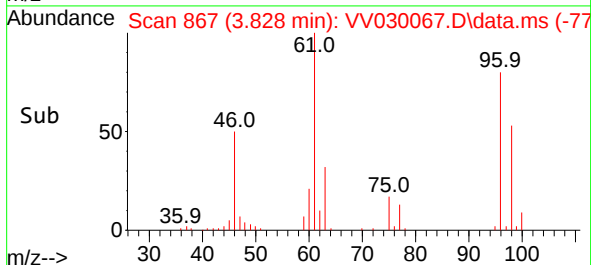
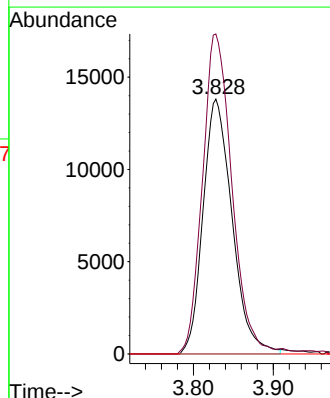
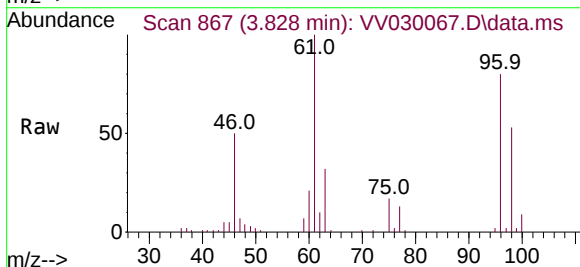
Tgt Ion: 96 Resp: 34965

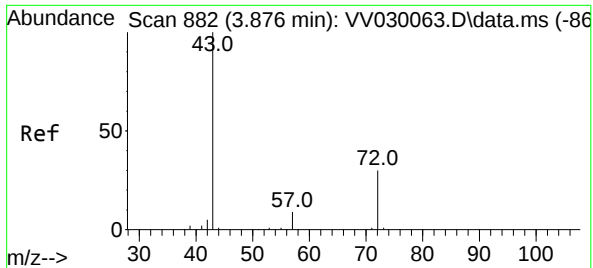
Ion Ratio Lower Upper

96 100

61 125.5 86.0 159.6

68 0.0 0.0 0.0

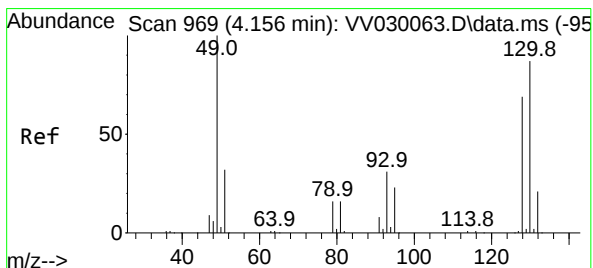
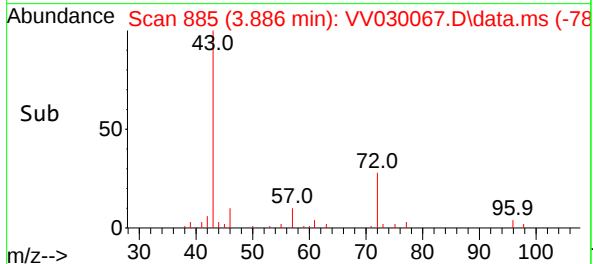
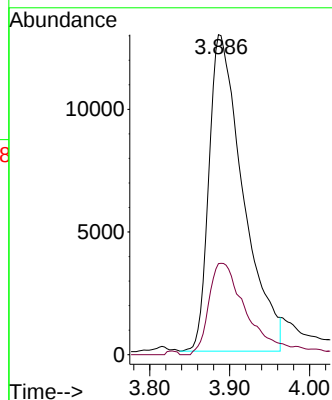
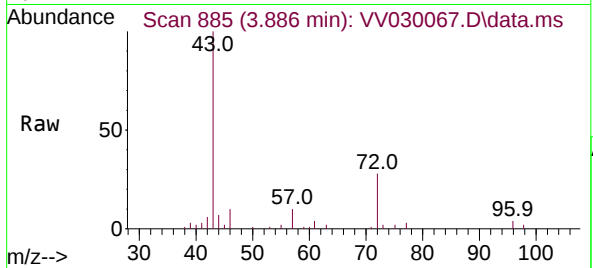




#22
2-Butanone
Concen: 17.879 ug/L
RT: 3.886 min Scan# 885
Delta R.T. 0.010 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

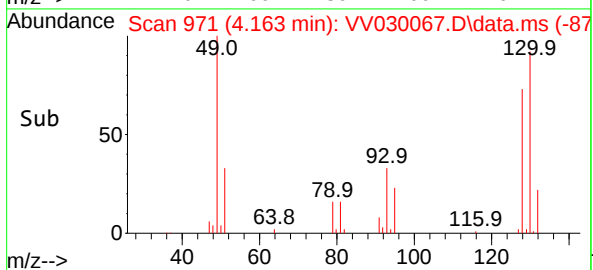
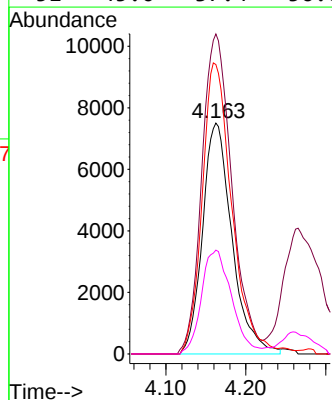
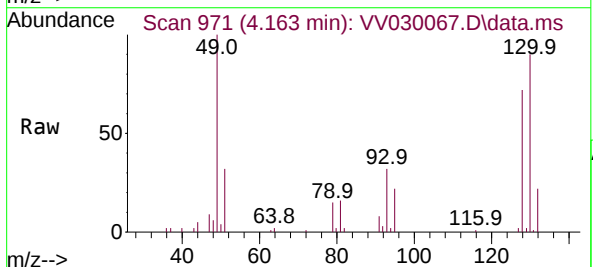
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

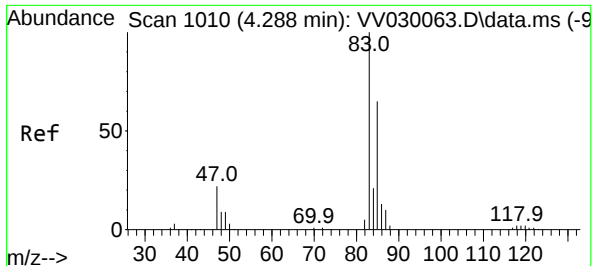
Tgt Ion: 43 Resp: 38381
Ion Ratio Lower Upper
43 100
72 31.6 14.7 44.1



#23
Bromochloromethane
Concen: 9.993 ug/L
RT: 4.163 min Scan# 971
Delta R.T. 0.006 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:128 Resp: 19180
Ion Ratio Lower Upper
128 100
49 138.6 101.0 187.6
130 125.4 88.2 163.8
51 45.0 37.4 56.0





#25

Chloroform

Concen: 9.842 ug/L

RT: 4.288 min Scan# 1010

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

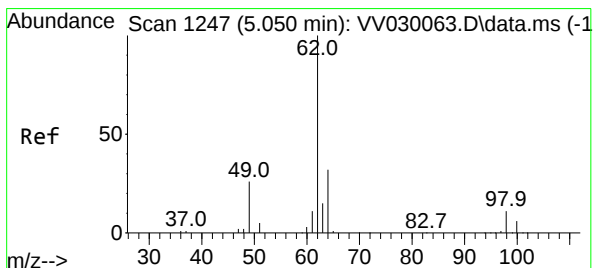
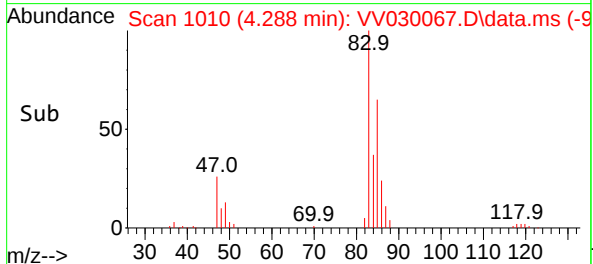
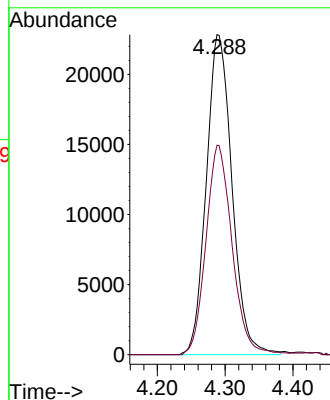
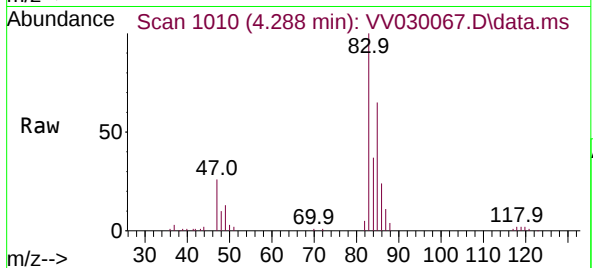
VSTD010213

Tgt Ion: 83 Resp: 60199

Ion Ratio Lower Upper

83 100

85 65.4 45.4 84.4



#27

1,2-Dichloroethane

Concen: 9.866 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VV030067.D

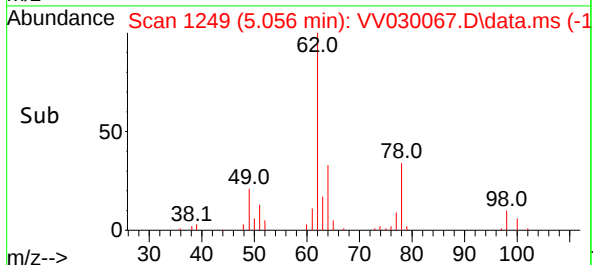
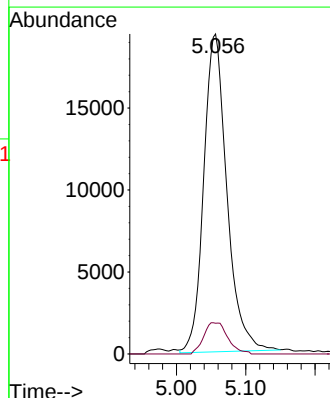
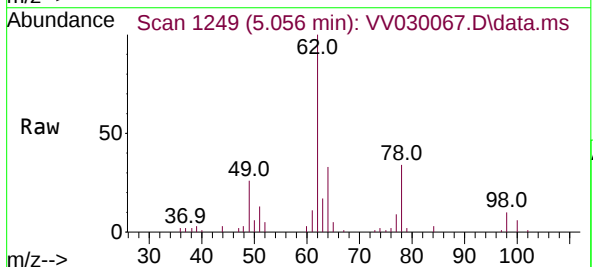
Acq: 17 Feb 2023 15:25

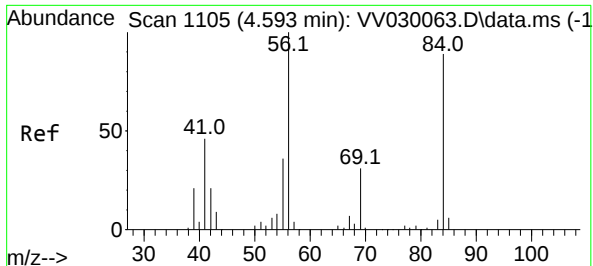
Tgt Ion: 62 Resp: 45072

Ion Ratio Lower Upper

62 100

98 9.6 8.5 12.7





#29

Cyclohexane

Concen: 9.837 ug/L

RT: 4.597 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

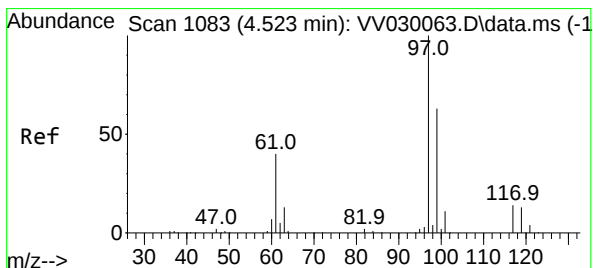
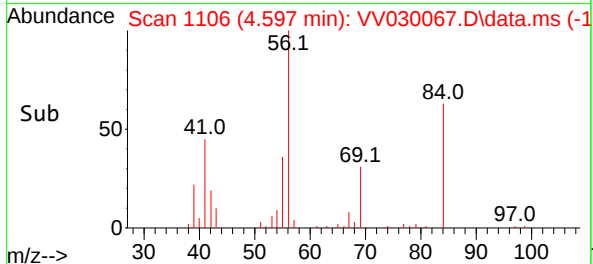
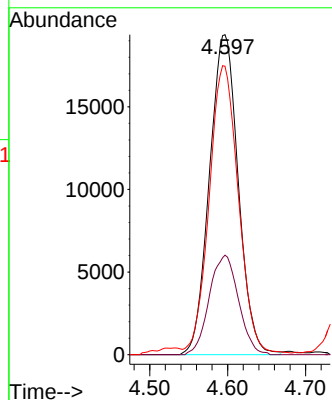
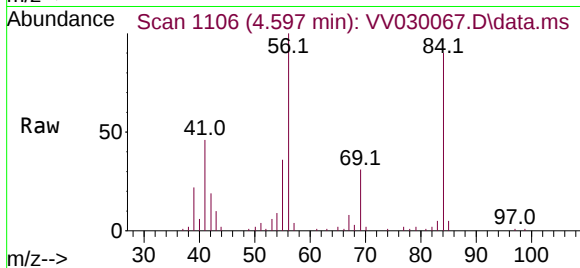
Tgt Ion: 56 Resp: 49768

Ion Ratio Lower Upper

56 100

69 31.5 25.3 37.9

84 91.9 73.0 109.4



#30

1,1,1-Trichloroethane

Concen: 10.153 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

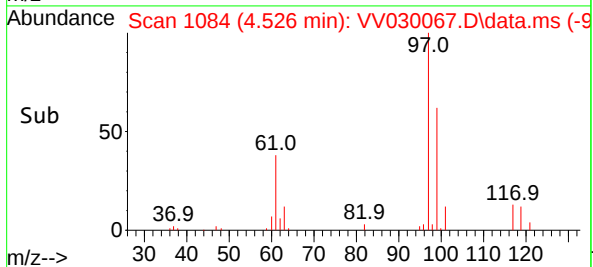
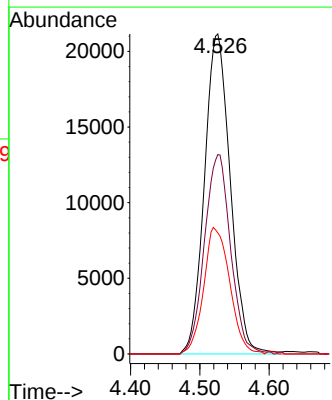
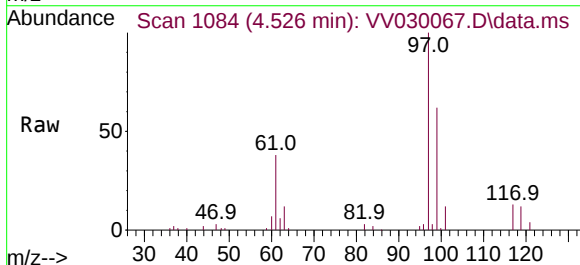
Tgt Ion: 97 Resp: 54763

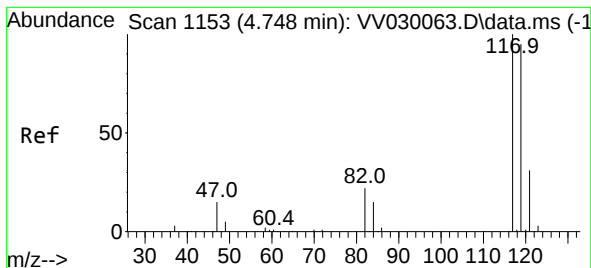
Ion Ratio Lower Upper

97 100

99 63.1 50.7 76.1

61 39.9 31.6 47.4





#31

Carbon tetrachloride

Concen: 9.909 ug/L

RT: 4.748 min Scan# 1153

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

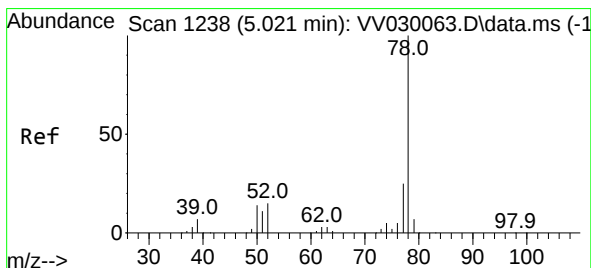
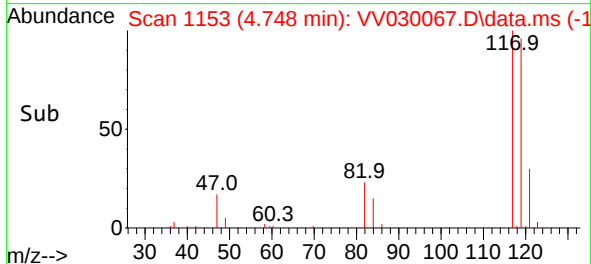
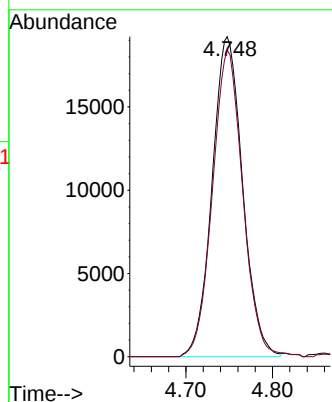
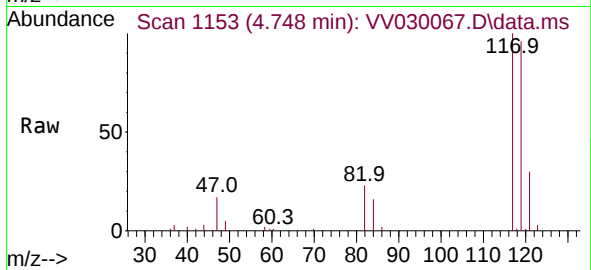
VSTD010213

Tgt Ion:117 Resp: 46918

Ion Ratio Lower Upper

117 100

119 95.1 76.8 115.2



#33

Benzene

Concen: 10.088 ug/L

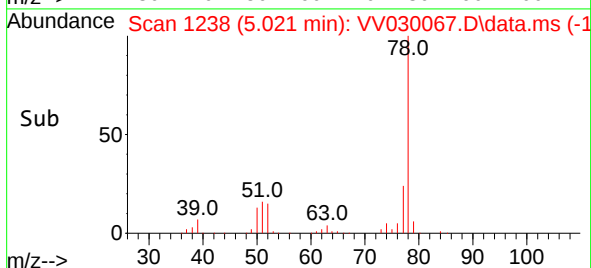
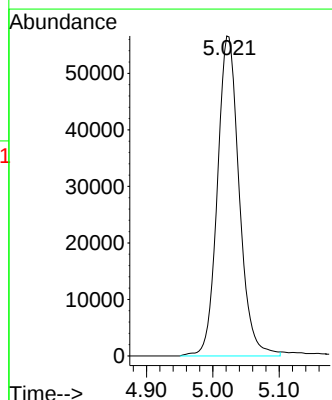
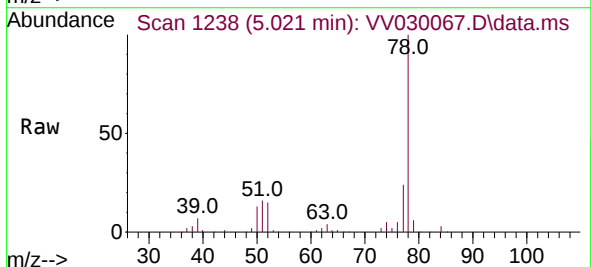
RT: 5.021 min Scan# 1238

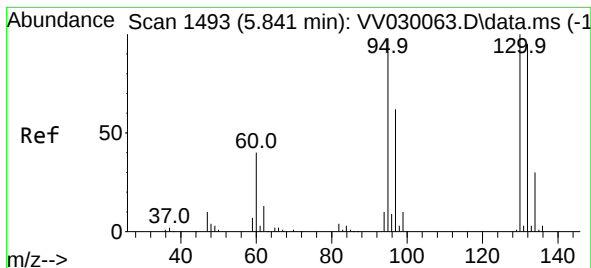
Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Tgt Ion: 78 Resp: 129234





#34

Trichloroethene

Concen: 10.079 ug/L

RT: 5.844 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

Tgt Ion: 95 Resp: 35143

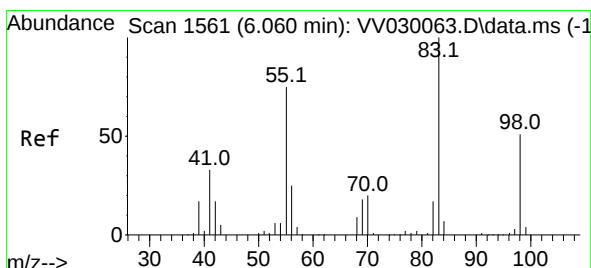
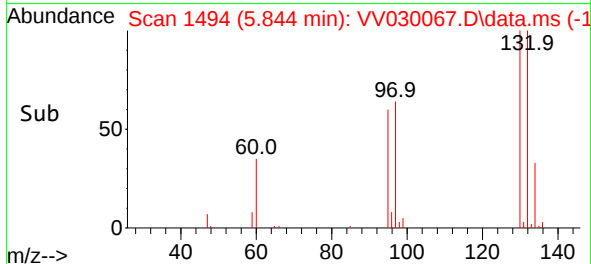
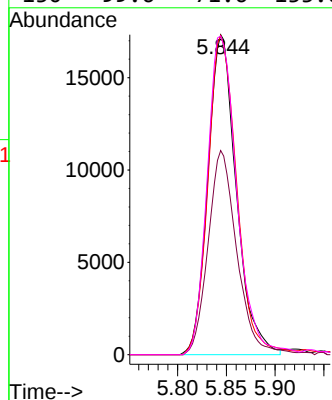
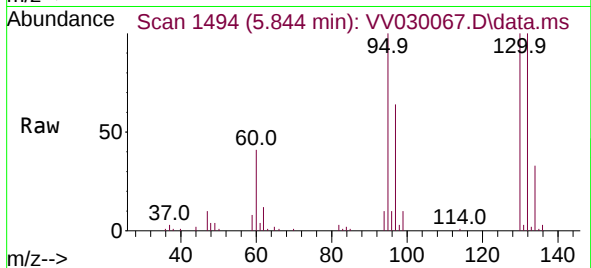
Ion Ratio Lower Upper

95 100

97 63.8 44.1 81.9

132 99.8 68.3 126.9

130 99.6 71.6 133.0



#35

Methylcyclohexane

Concen: 9.521 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

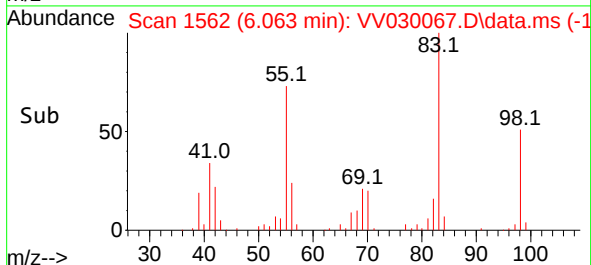
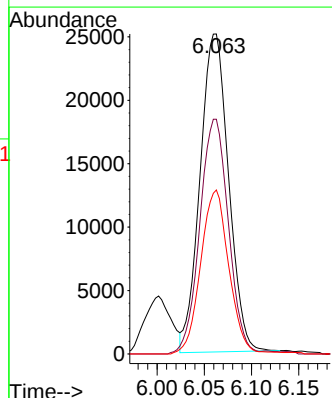
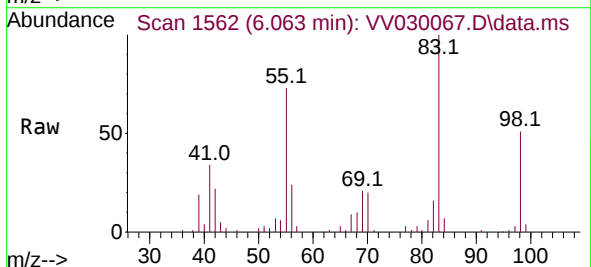
Tgt Ion: 83 Resp: 52698

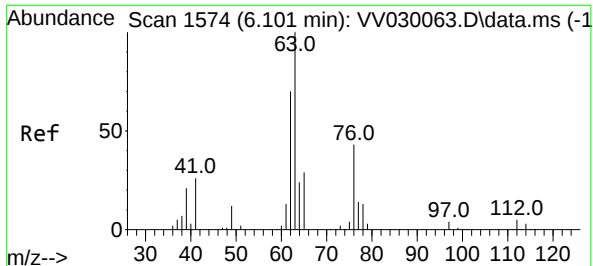
Ion Ratio Lower Upper

83 100

55 73.9 58.4 87.6

98 51.0 39.8 59.8





#37

1,2-Dichloropropane

Concen: 9.723 ug/L

RT: 6.105 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

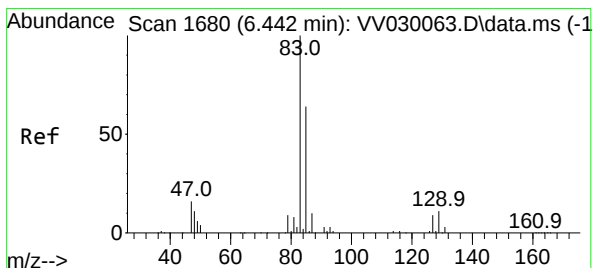
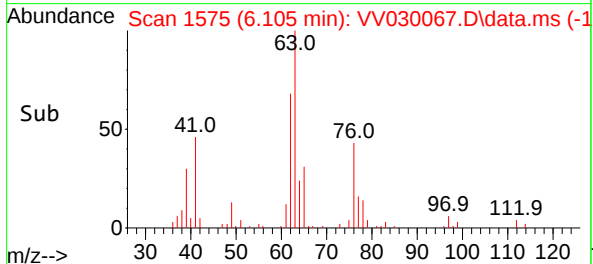
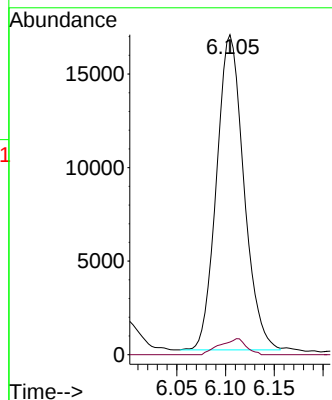
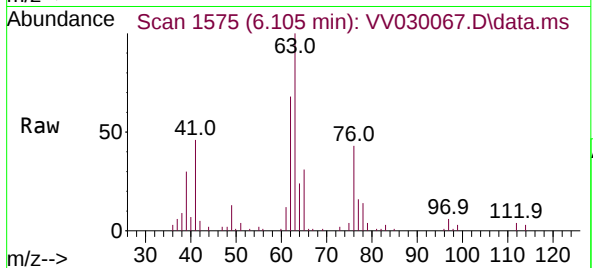
VSTD010213

Tgt Ion: 63 Resp: 32802

Ion Ratio Lower Upper

63 100

112 4.9 3.7 5.5



#38

Bromodichloromethane

Concen: 9.810 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

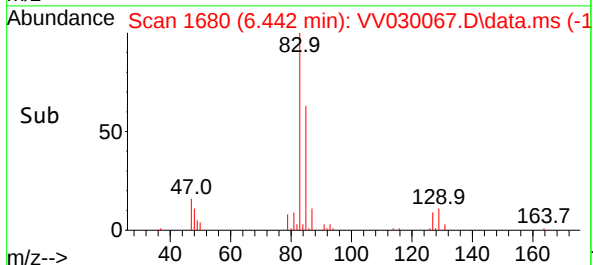
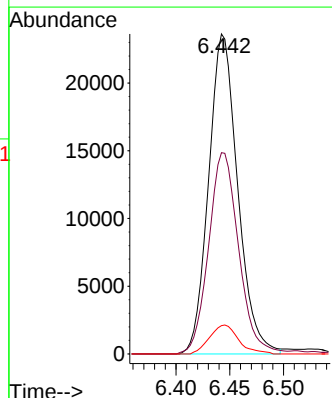
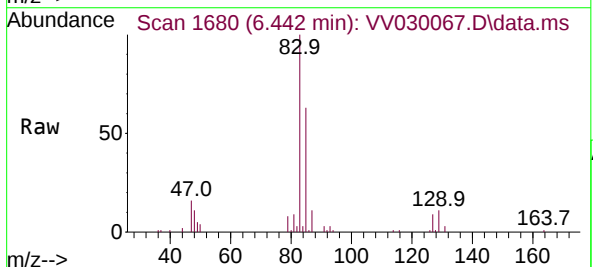
Tgt Ion: 83 Resp: 44452

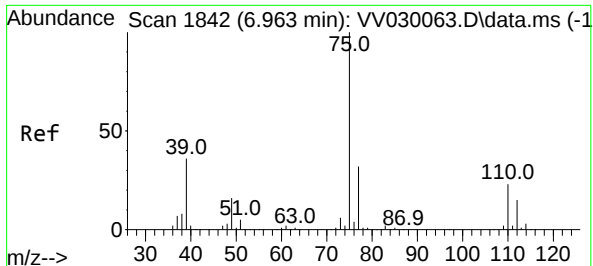
Ion Ratio Lower Upper

83 100

85 62.9 44.9 83.5

127 8.8 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 9.709 ug/L

RT: 6.966 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

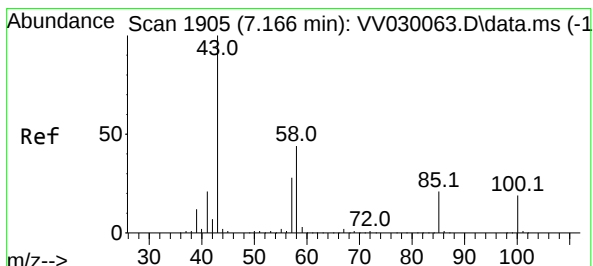
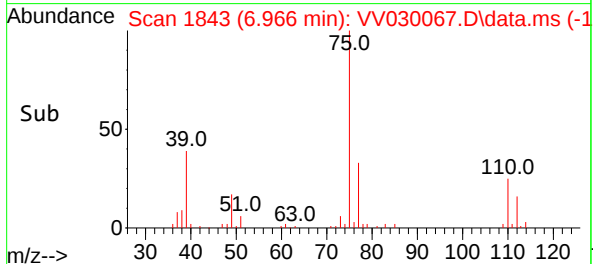
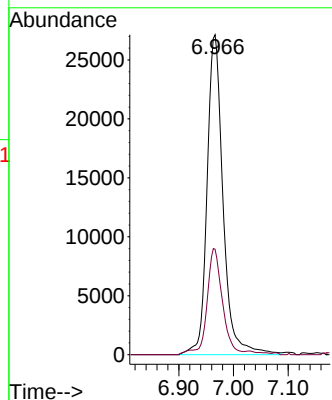
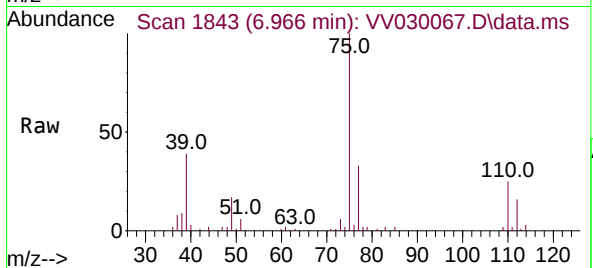
VSTD010213

Tgt Ion: 75 Resp: 55061

Ion Ratio Lower Upper

75 100

77 32.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 20.318 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

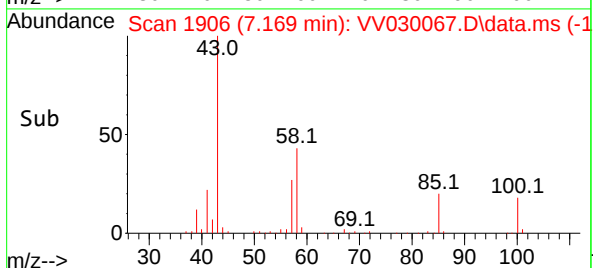
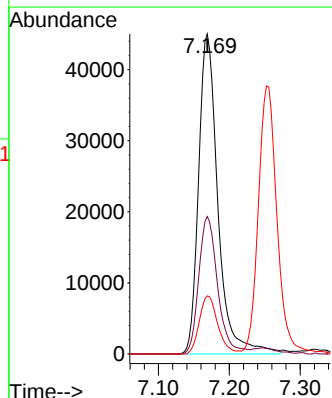
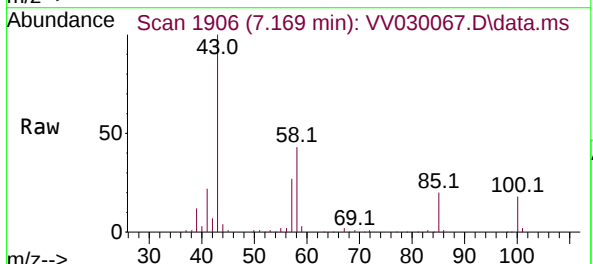
Tgt Ion: 43 Resp: 85216

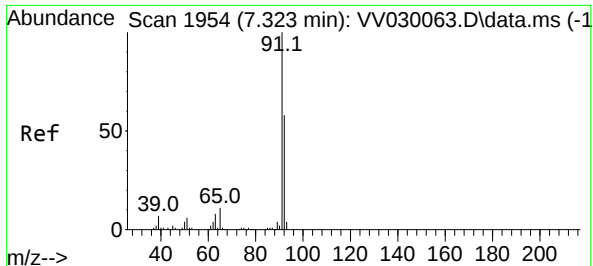
Ion Ratio Lower Upper

43 100

58 42.0 34.8 52.2

100 17.3 14.6 22.0





#42

Toluene

Concen: 9.976 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

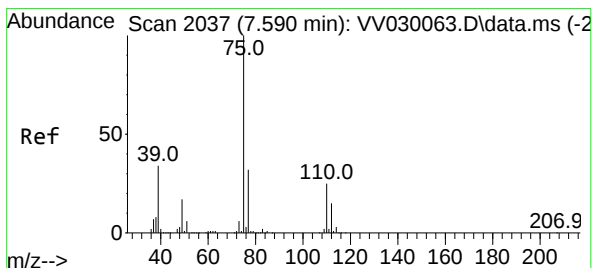
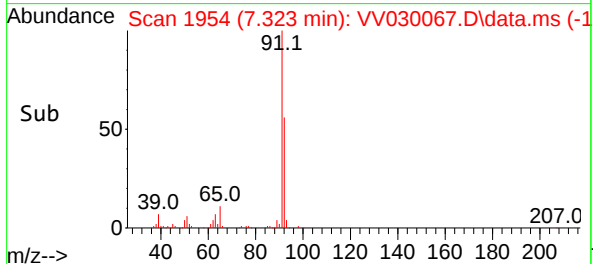
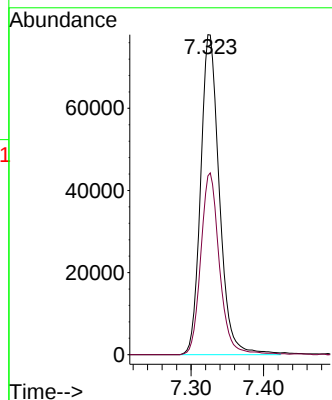
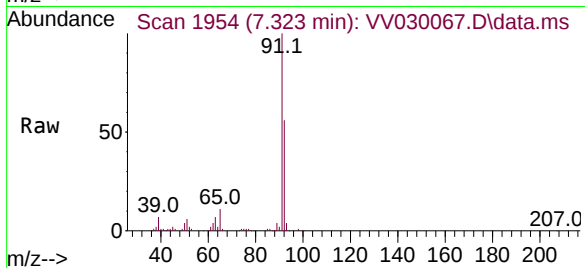
VSTD010213

Tgt Ion: 91 Resp: 139833

Ion Ratio Lower Upper

91 100

92 55.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 9.499 ug/L

RT: 7.593 min Scan# 2038

Delta R.T. 0.003 min

Lab File: VV030067.D

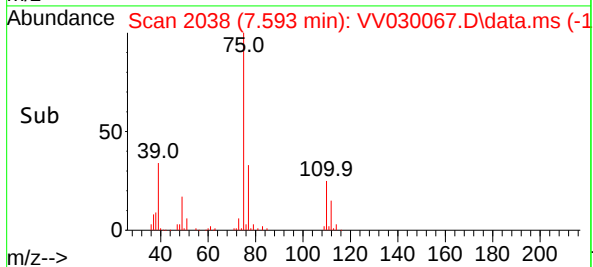
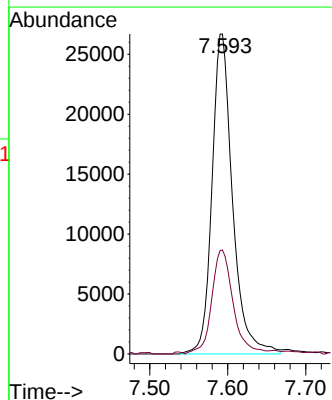
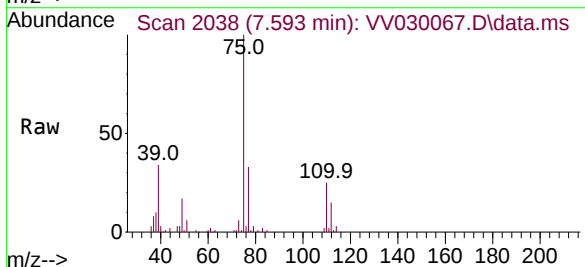
Acq: 17 Feb 2023 15:25

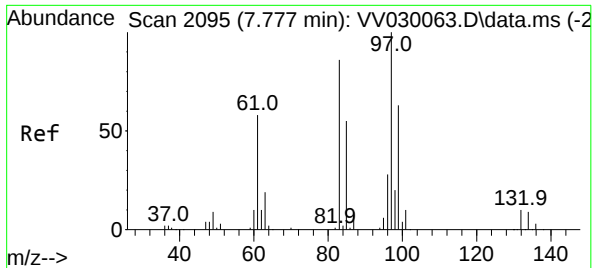
Tgt Ion: 75 Resp: 48991

Ion Ratio Lower Upper

75 100

77 32.5 22.3 41.5

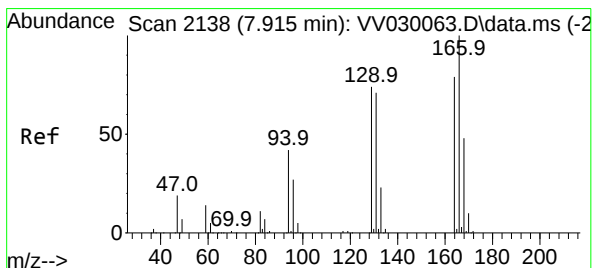
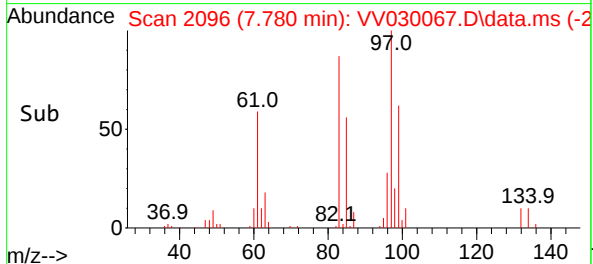
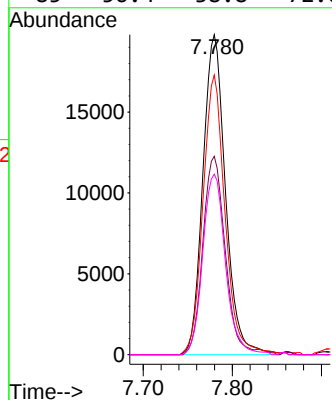
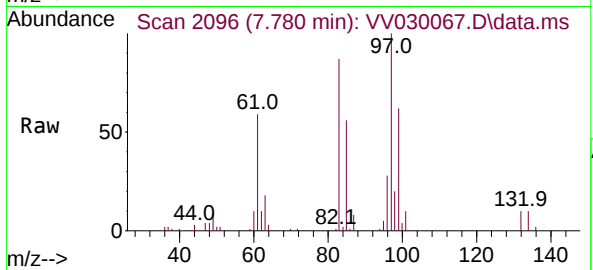




#45
1,1,2-Trichloroethane
Concen: 9.967 ug/L
RT: 7.780 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

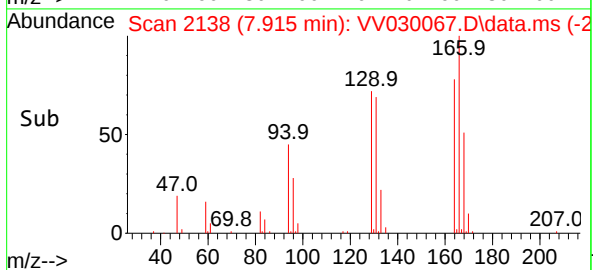
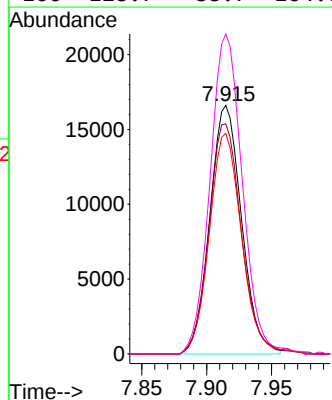
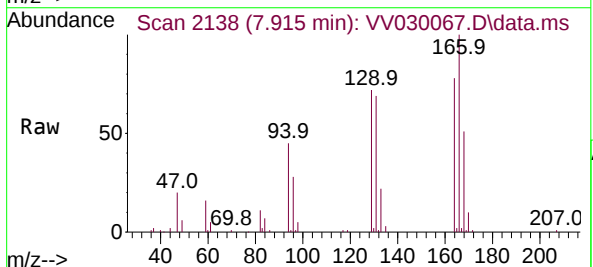
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

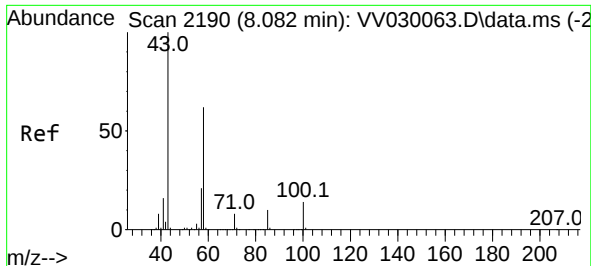
Tgt Ion: 97	Resp: 34898
Ion Ratio	Lower Upper
97 100	
99 62.0	43.8 81.4
83 87.4	59.9 111.3
85 56.4	38.8 72.0



#46
Tetrachloroethene
Concen: 9.632 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt	Ion:164	Resp:	28232
Ion	Ratio	Lower	Upper
164	100		
129	92.6	65.2	121.0
131	88.7	63.1	117.3
166	128.7	88.7	164.7

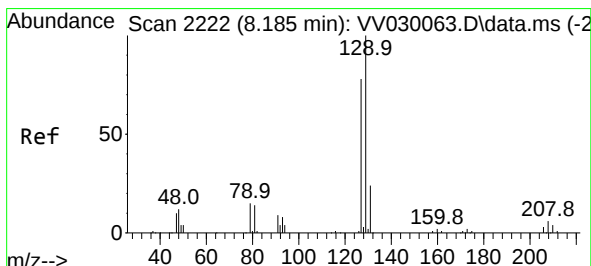
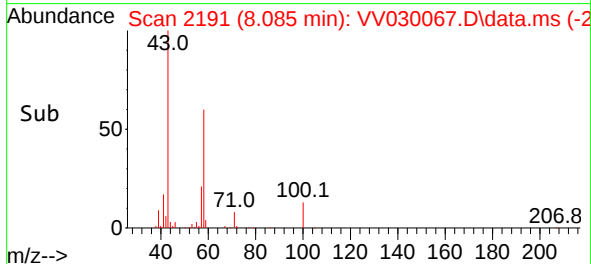
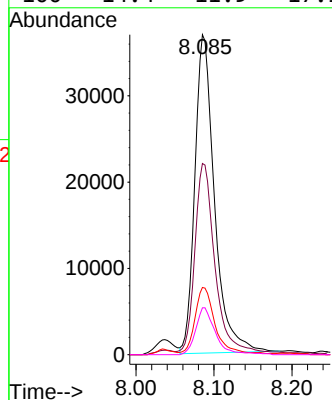
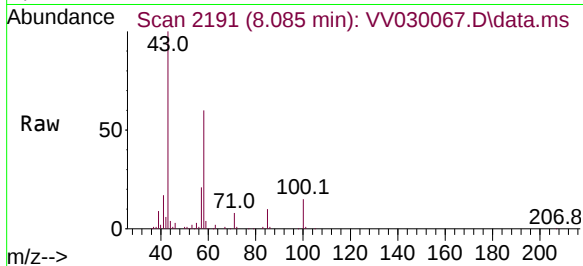




#48
2-Hexanone
Concen: 20.331 ug/L
RT: 8.085 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

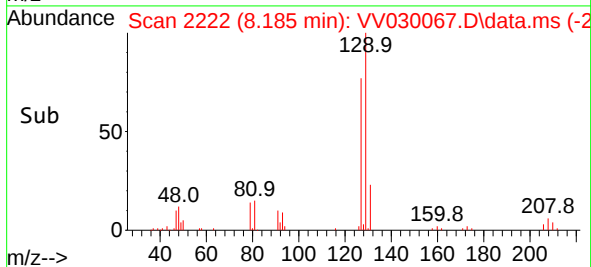
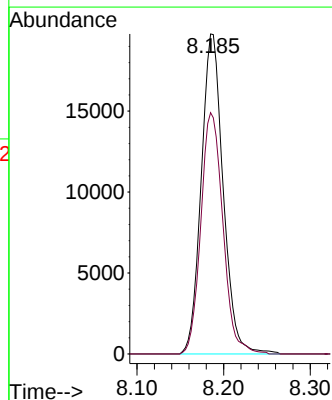
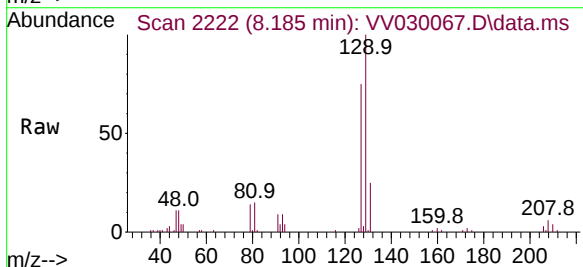
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

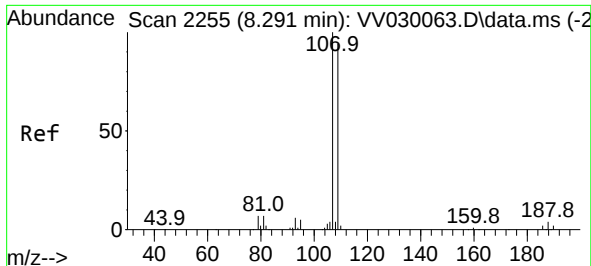
Tgt Ion:	43	Resp:	64709
Ion	Ratio	Lower	Upper
43	100		
58	60.3	49.9	74.9
57	20.4	17.4	26.0
100	14.4	11.9	17.9



#49
Dibromochloromethane
Concen: 9.585 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:	129	Resp:	34811
Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.9	102.1





#50

1,2-Dibromoethane

Concen: 10.152 ug/L

RT: 8.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

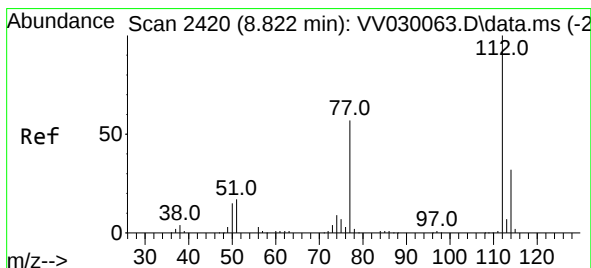
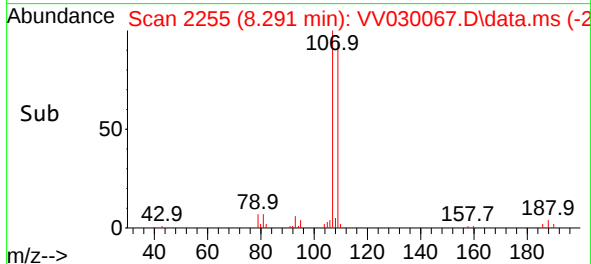
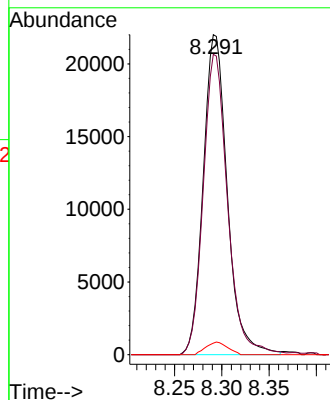
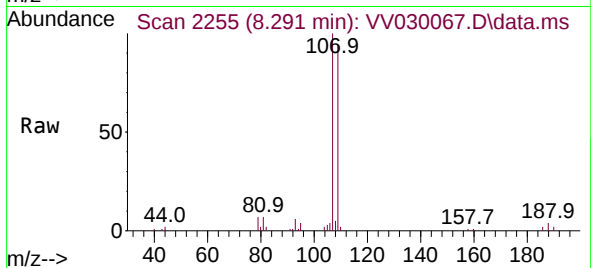
Tgt Ion:107 Resp: 38997

Ion Ratio Lower Upper

107 100

109 93.9 66.0 122.6

188 3.6 3.4 5.0



#51

Chlorobenzene

Concen: 10.017 ug/L

RT: 8.825 min Scan# 2421

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

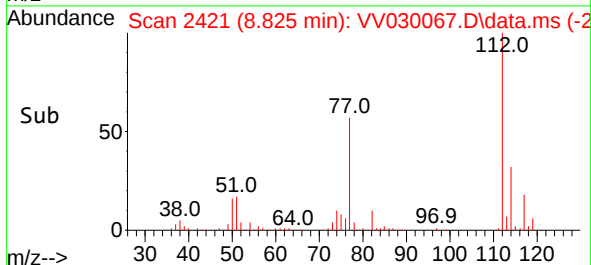
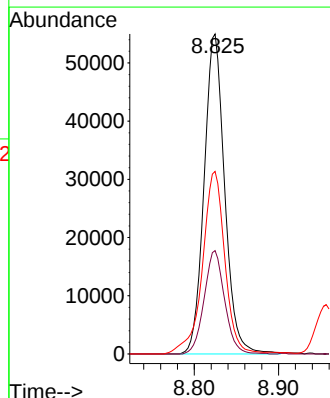
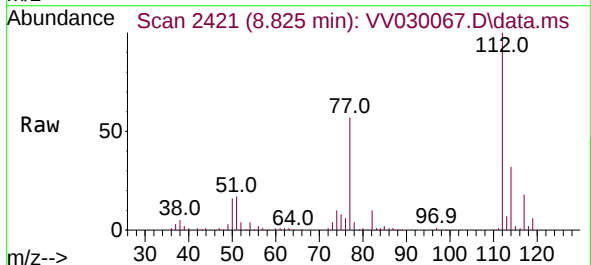
Tgt Ion:112 Resp: 93578

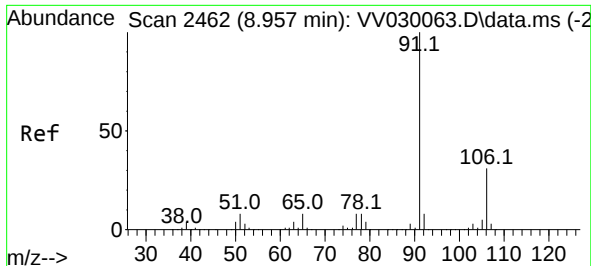
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.3

77 57.0 46.0 69.0





#52

Ethylbenzene

Concen: 9.860 ug/L

RT: 8.957 min Scan# 2462

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

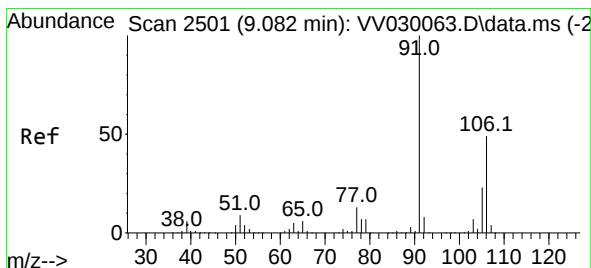
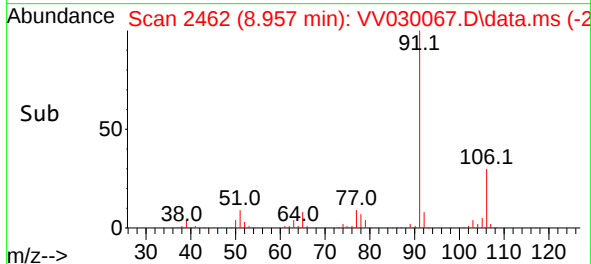
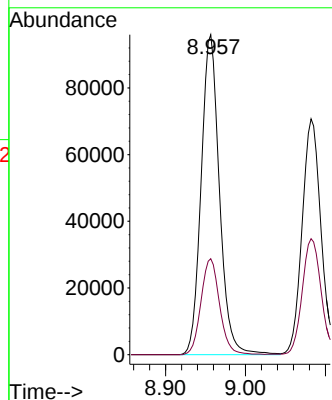
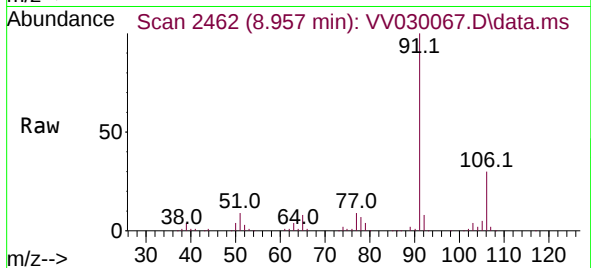
VSTD010213

Tgt Ion: 91 Resp: 153039

Ion Ratio Lower Upper

91 100

106 30.0 22.0 40.8



#53

m,p-Xylene

Concen: 9.690 ug/L

RT: 9.082 min Scan# 2501

Delta R.T. -0.000 min

Lab File: VV030067.D

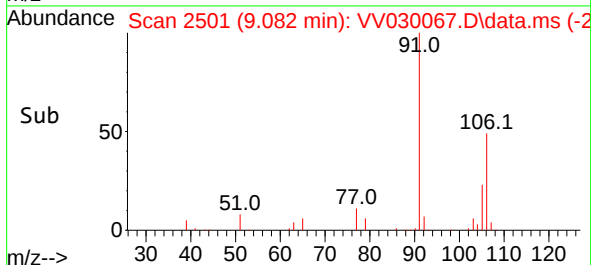
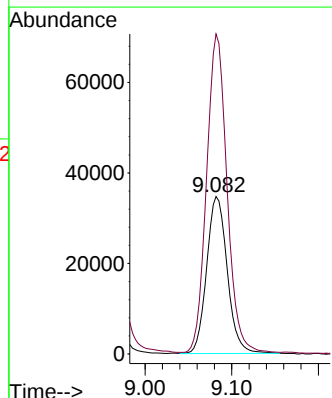
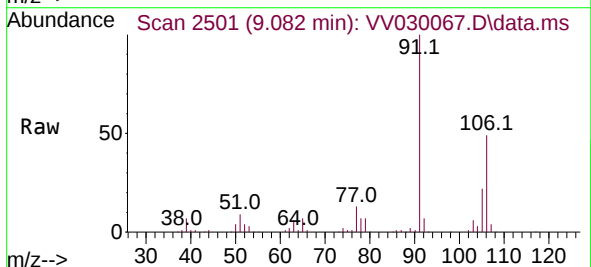
Acq: 17 Feb 2023 15:25

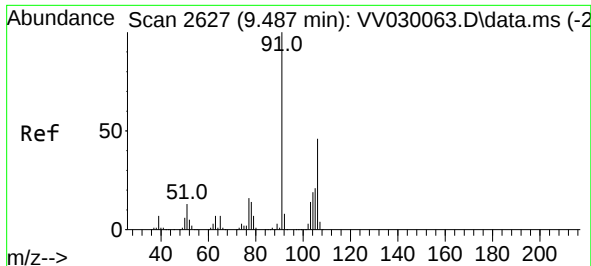
Tgt Ion: 106 Resp: 57460

Ion Ratio Lower Upper

106 100

91 203.3 142.0 263.8

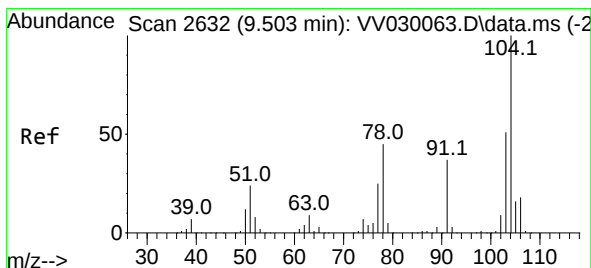
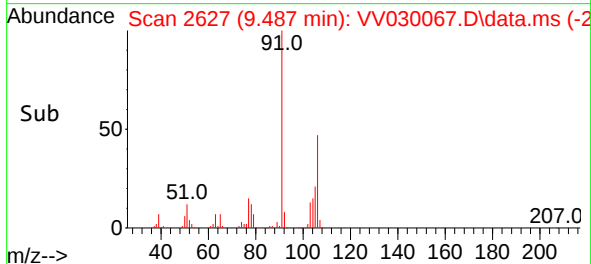
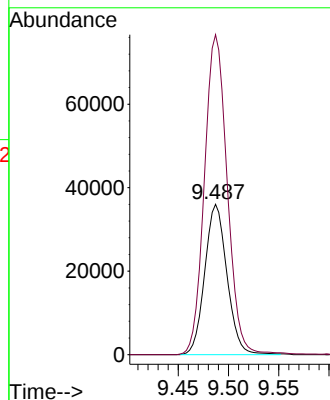
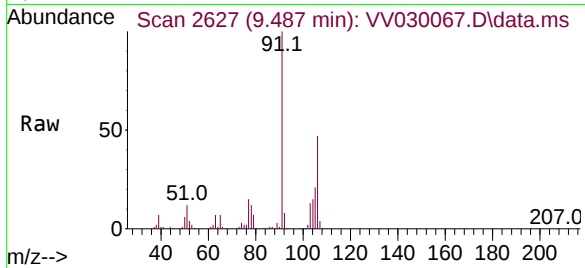




#54
o-Xylene
Concen: 9.714 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

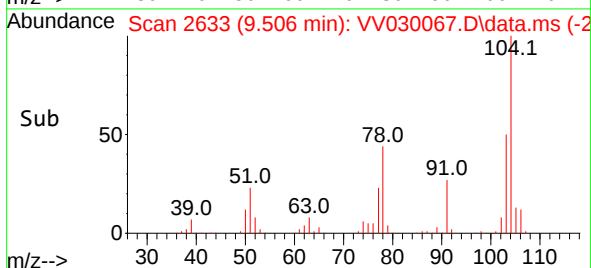
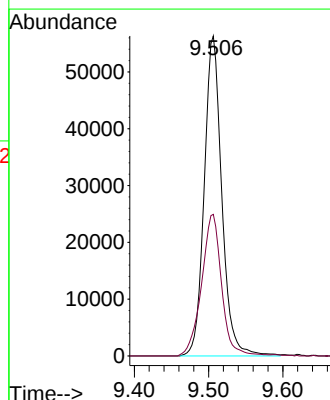
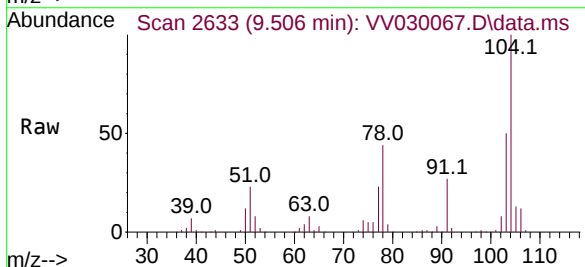
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

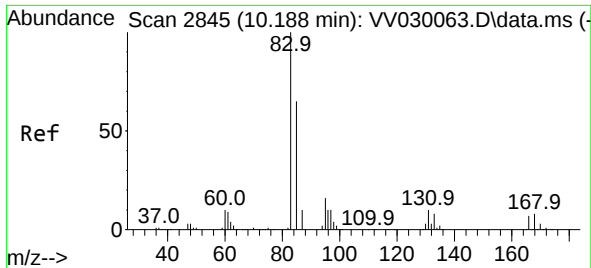
Tgt Ion:106 Resp: 55514
Ion Ratio Lower Upper
106 100
91 212.8 151.5 281.3



#55
Styrene
Concen: 9.484 ug/L
RT: 9.506 min Scan# 2633
Delta R.T. 0.003 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:104 Resp: 92585
Ion Ratio Lower Upper
104 100
78 44.2 31.9 59.2

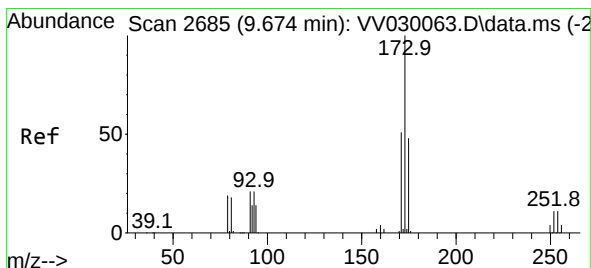
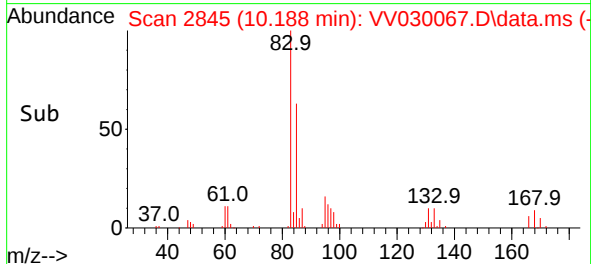
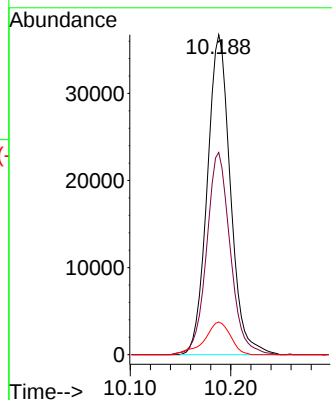
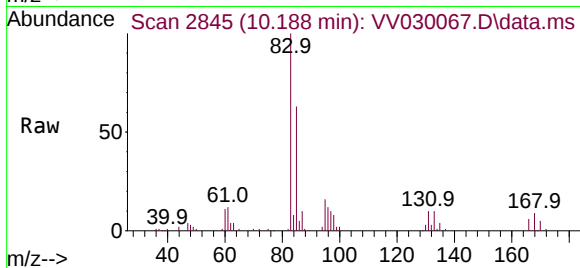




#57
1,1,2,2-Tetrachloroethane
Concen: 10.274 ug/L
RT: 10.188 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

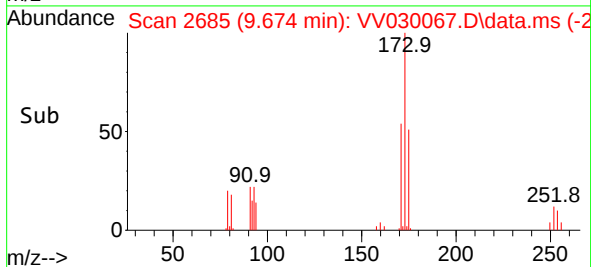
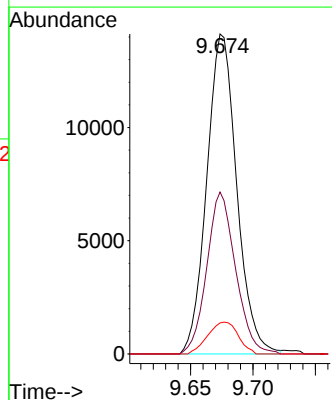
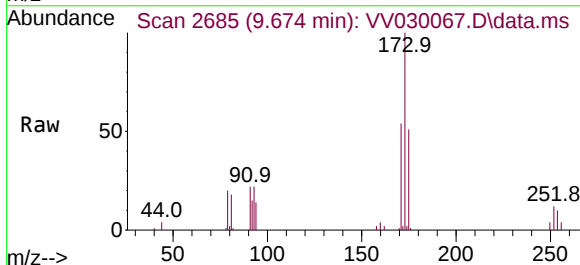
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

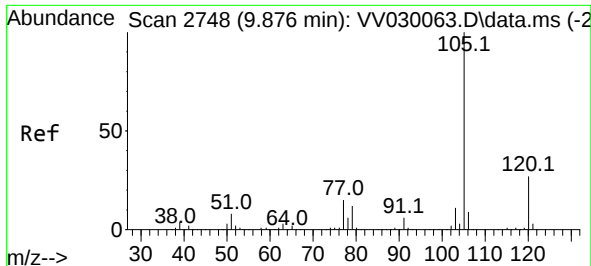
Tgt Ion:	83	Resp:	58806
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.5	84.5
131	10.2	8.3	12.5



#59
Bromoform
Concen: 9.395 ug/L
RT: 9.674 min Scan# 2685
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:	173	Resp:	23645
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.7	58.1
254	10.1	8.7	13.1

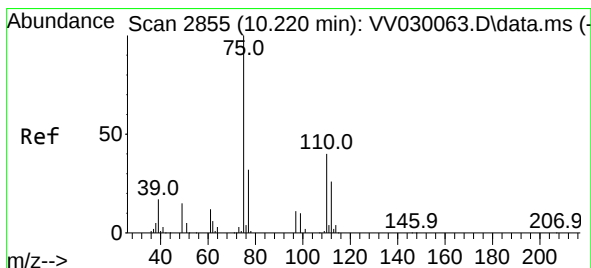
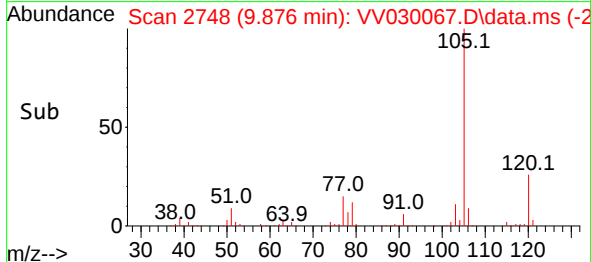
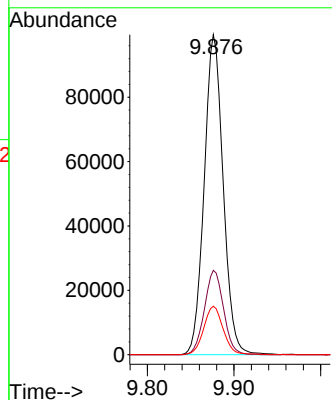
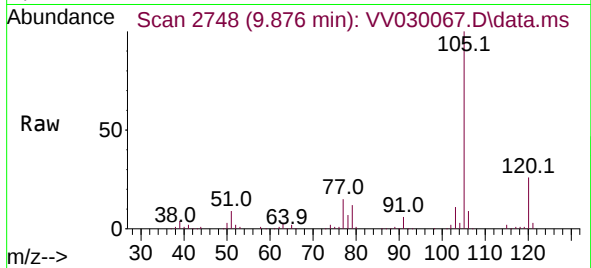




#60
Isopropylbenzene
Concen: 10.028 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

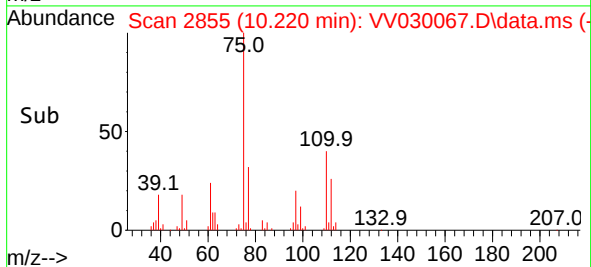
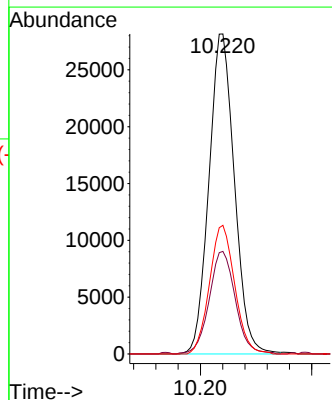
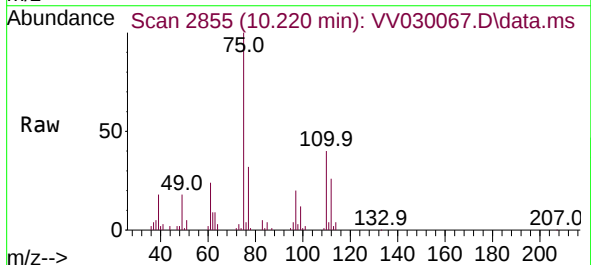
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

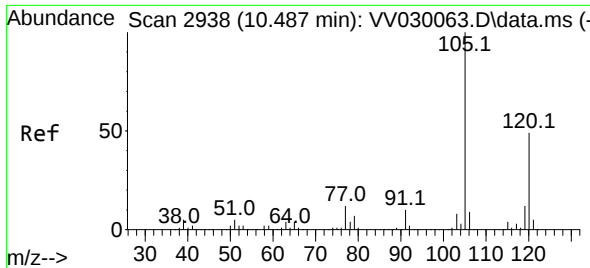
Tgt Ion:105 Resp: 151558
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.5 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 10.628 ug/L
RT: 10.220 min Scan# 2855
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion: 75 Resp: 44690
Ion Ratio Lower Upper
75 100
77 32.8 25.9 38.9
110 39.8 32.1 48.1

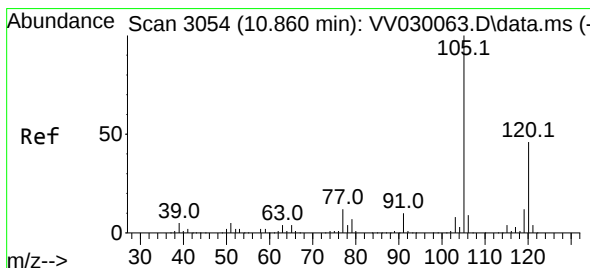
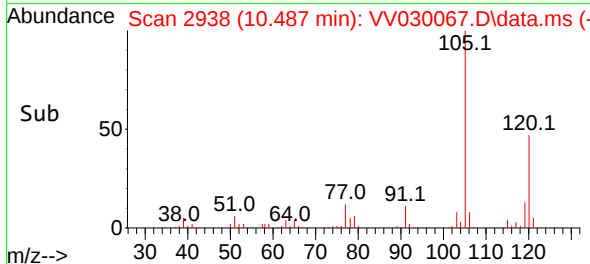
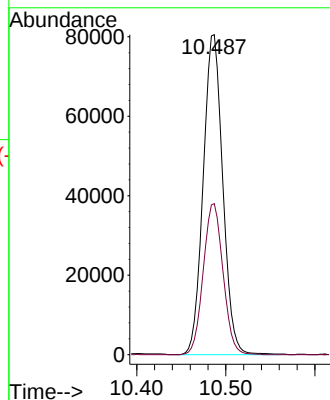
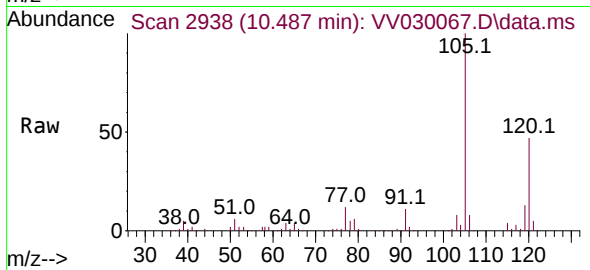




#62
1,3,5-Trimethylbenzene
Concen: 9.826 ug/L
RT: 10.487 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

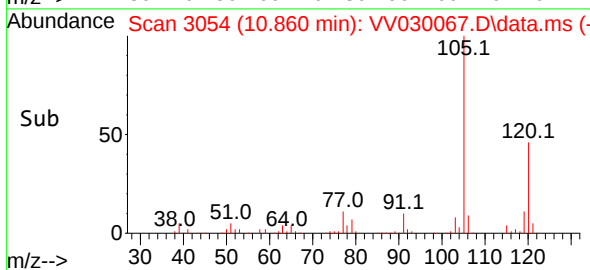
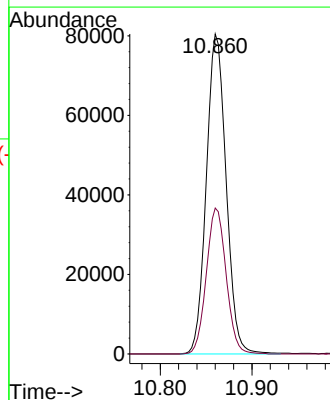
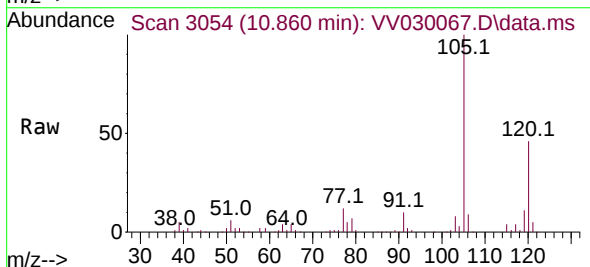
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

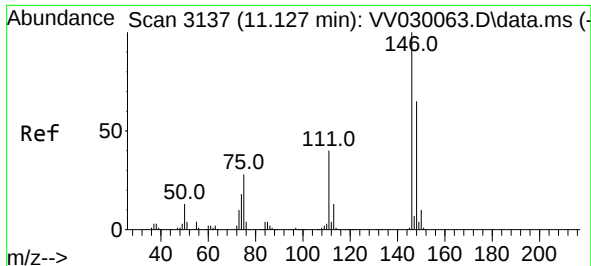
Tgt Ion:105 Resp: 122987
Ion Ratio Lower Upper
105 100
120 47.6 39.0 58.4



#63
1,2,4-Trimethylbenzene
Concen: 9.813 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:105 Resp: 120725
Ion Ratio Lower Upper
105 100
120 45.6 36.3 54.5

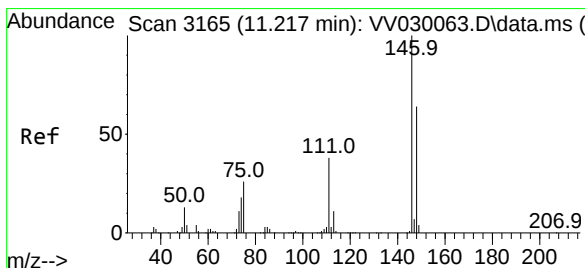
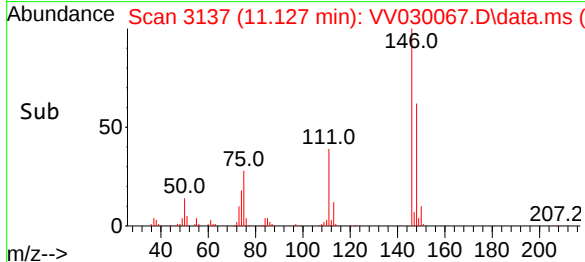
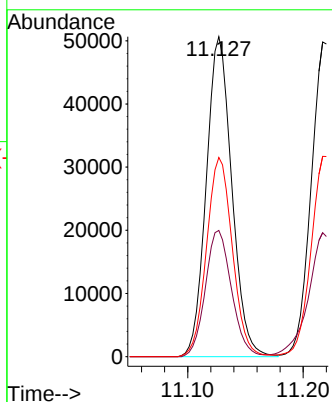
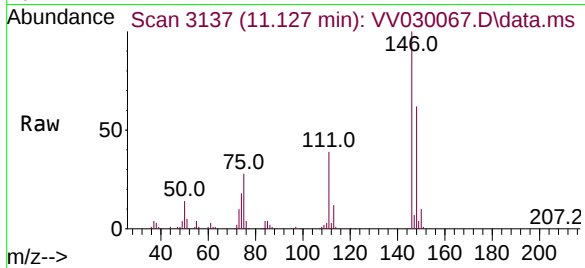




#64
1,3-Dichlorobenzene
Concen: 10.221 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

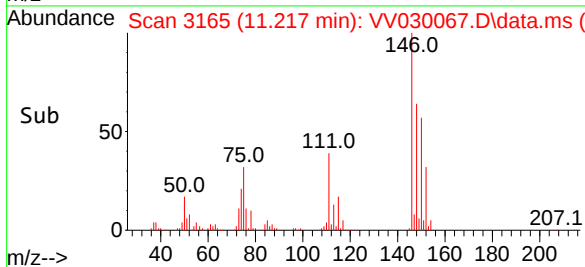
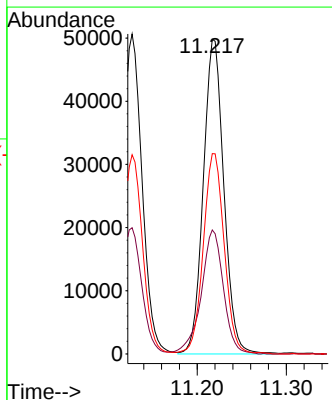
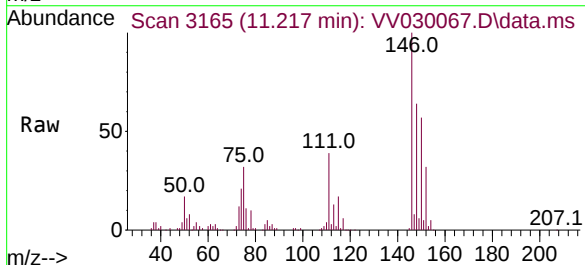
Instrument :
MSVOA_V
ClientSampleId :
VSTD010213

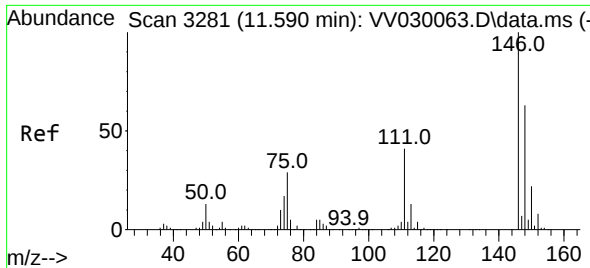
Tgt Ion:146 Resp: 77847
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 62.3 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 10.238 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030067.D
Acq: 17 Feb 2023 15:25

Tgt Ion:146 Resp: 79786
Ion Ratio Lower Upper
146 100
111 39.4 27.1 50.3
148 63.6 44.9 83.5

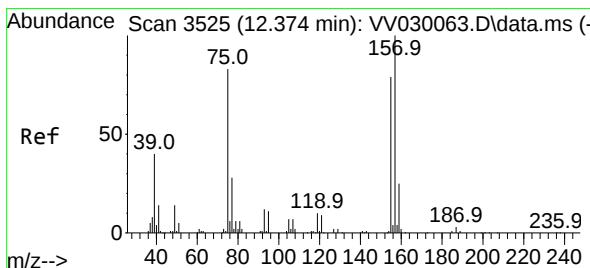
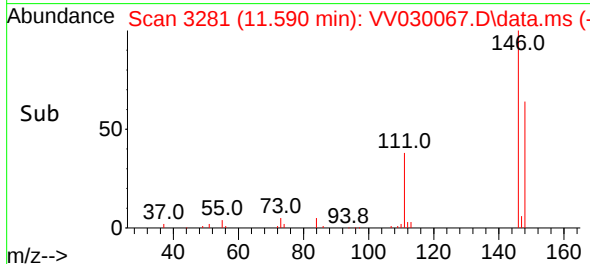
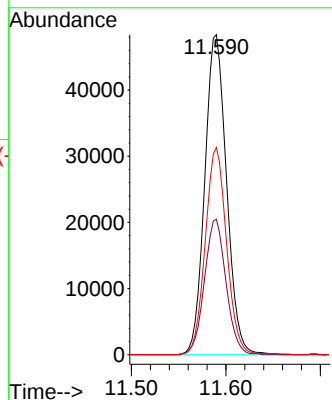
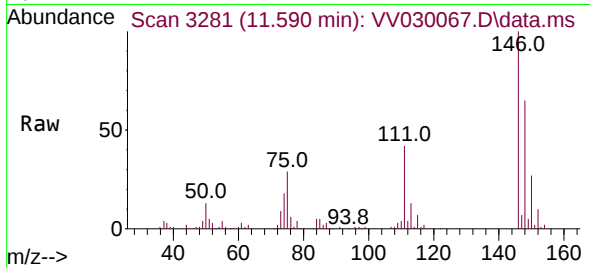




#67
 1,2-Dichlorobenzene
 Concen: 10.217 ug/L
 RT: 11.590 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

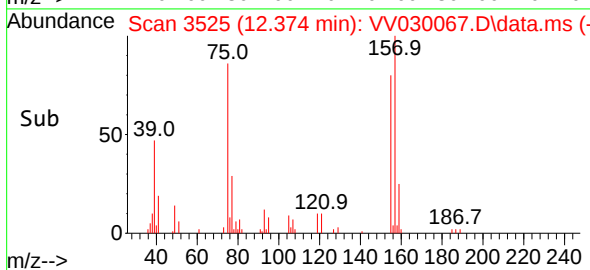
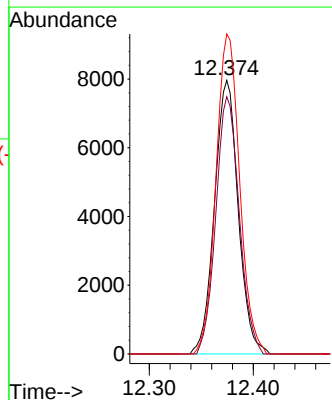
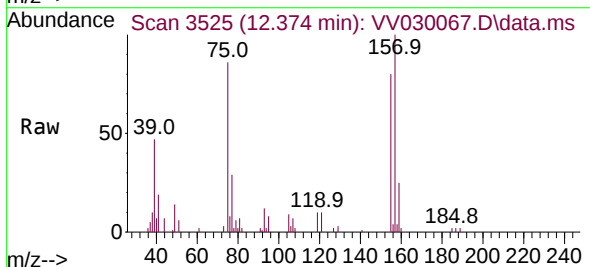
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

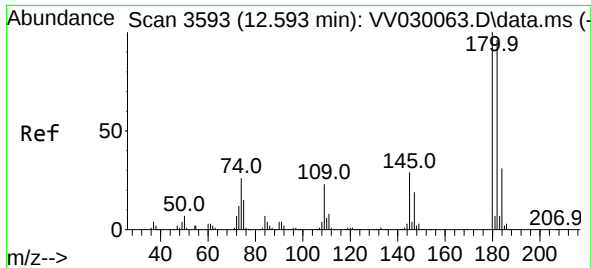
Tgt Ion:	146	Resp:	77477
Ion	Ratio	Lower	Upper
146	100		
111	42.3	33.0	49.4
148	64.8	50.7	76.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 10.307 ug/L
 RT: 12.374 min Scan# 3525
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Tgt Ion:	75	Resp:	12644
Ion	Ratio	Lower	Upper
75	100		
155	94.0	76.2	114.2
157	116.9	96.0	144.0

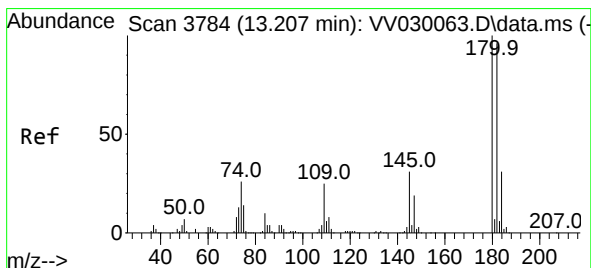
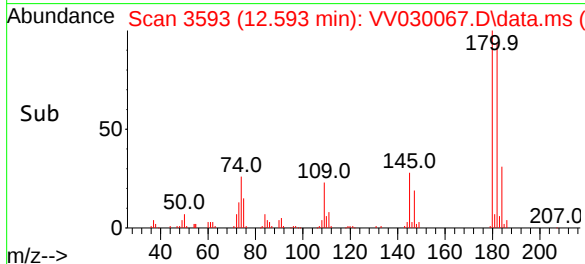
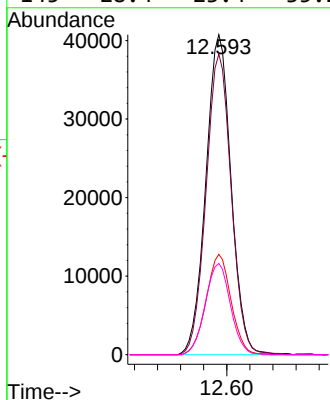
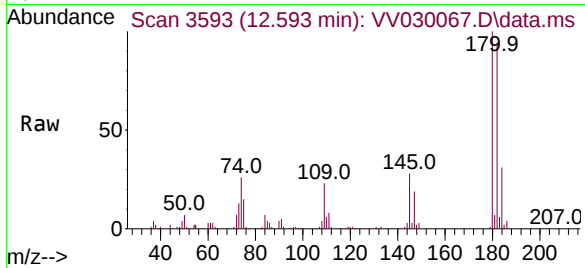




#69
 1,3,5-Trichlorobenzene
 Concen: 10.173 ug/L
 RT: 12.593 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

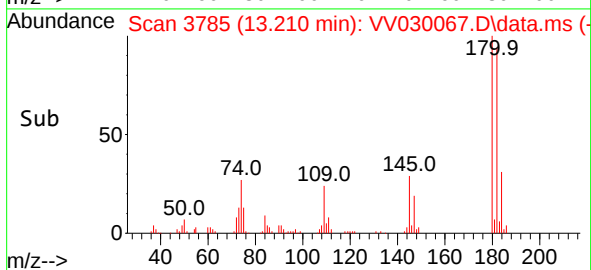
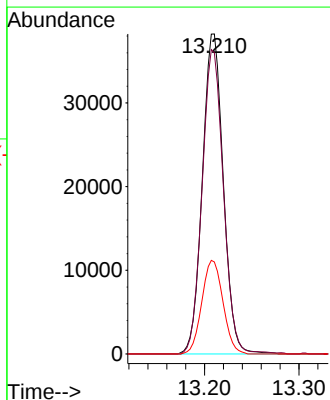
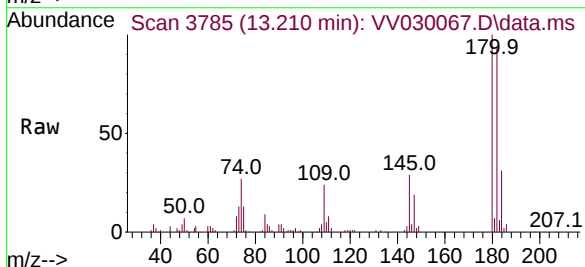
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010213

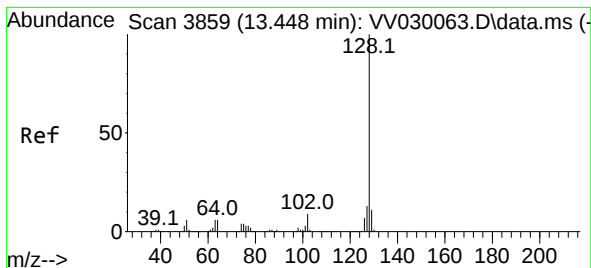
Tgt Ion:	180	Resp:	61829
Ion Ratio	Lower	Upper	
180	100		
182	93.7	76.4	114.6
184	30.9	24.5	36.7
145	28.4	23.4	35.2



#70
 1,2,4-trichlorobenzene
 Concen: 10.308 ug/L
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.003 min
 Lab File: VV030067.D
 Acq: 17 Feb 2023 15:25

Tgt Ion:	180	Resp:	58884
Ion Ratio	Lower	Upper	
180	100		
182	95.9	76.6	114.8
145	29.5	24.3	36.5





#71

Naphthalene

Concen: 10.458 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010213

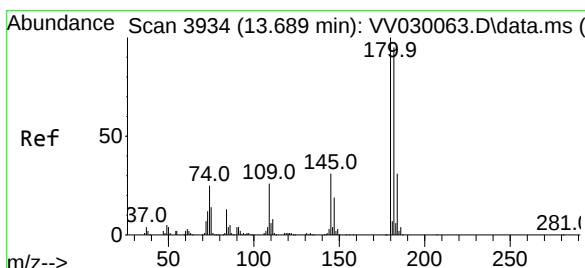
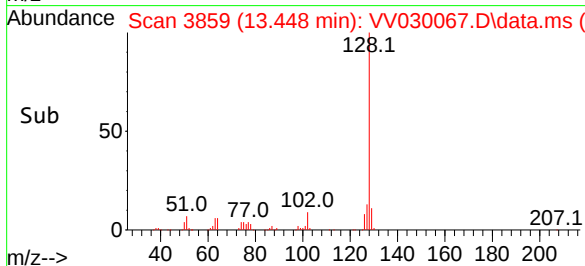
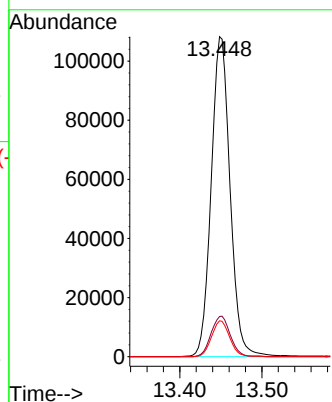
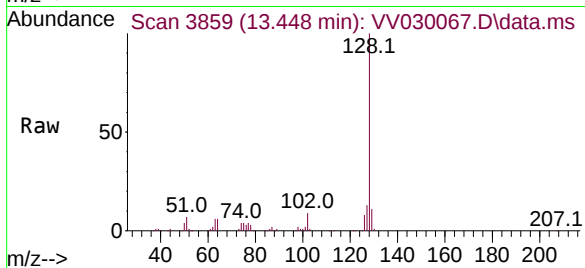
Tgt Ion:128 Resp: 173283

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 10.595 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV030067.D

Acq: 17 Feb 2023 15:25

Tgt Ion:180 Resp: 59399

Ion Ratio Lower Upper

180 100

182 94.5 75.8 113.8

145 31.2 25.0 37.6

