

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042823\
 Data File : VW030915.D
 Acq On : 28 Apr 2023 12:27
 Operator : SY/MD
 Sample : VSTD02037
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02037

Quant Time: Apr 29 00:39:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 29 00:37:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	143827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	142796	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	88383	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	250966	21.179	ug/L	0.00
7) Chloroethane-d5	1.535	69	207013	21.415	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.063	65	134560	21.457	ug/L	0.00
20) 2-Butanone-d5	3.818	46	529706	252.594	ug/L	-0.02
24) Chloroform-d	4.256	84	507865	21.565	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.950	65	264010	22.051	ug/L	0.00
32) Benzene-d6	4.969	84	952970	22.767	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	264644	21.744	ug/L	0.00
41) Toluene-d8	7.249	98	926067	23.234	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.558	79	110000	24.110	ug/L	0.00
46) 2-Hexanone-d5	8.034	63	429240	277.158	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.159	84	198062	22.451	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.567	152	358254	21.745	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	225607	19.856	ug/L	100
3) Chloromethane	1.217	50	247670	18.574	ug/L	100
5) Vinyl chloride	1.285	62	228762	20.498	ug/L	98
6) Bromomethane	1.490	94	97634	18.368	ug/L	98
8) Chloroethane	1.555	64	130227	19.171	ug/L	99
9) Trichlorofluoromethane	1.719	101	405929	19.715	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	213886	20.349	ug/L	98
12) 1,1-Dichloroethene	2.072	96	194100	20.053	ug/L	93
13) Acetone	2.159	43	336650	187.534	ug/L	79
14) Carbon disulfide	2.246	76	523559	20.673	ug/L	98
15) Methyl Acetate	2.391	43	68608	18.827	ug/L	92
16) Methylene chloride	2.452	84	179888	16.429	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	416209	22.588	ug/L	98
18) trans-1,2-Dichloroethene	2.699	96	180612	20.428	ug/L	99
19) 1,1-Dichloroethane	3.117	63	346493	20.296	ug/L	99
21) 2-Butanone	3.902	43	436331	220.232	ug/L	91
22) cis-1,2-Dichloroethene	3.825	96	198796	21.311	ug/L	95
23) Bromochloromethane	4.159	128	85630	19.497	ug/L	97
25) Chloroform	4.284	83	374230	20.430	ug/L	97
27) 1,2-Dichloroethane	5.050	62	249161	21.674	ug/L	100
29) 1,1,1-Trichloroethane	4.522	97	358919	20.003	ug/L	100
30) Cyclohexane	4.593	56	302427	22.315	ug/L	97
31) Carbon tetrachloride	4.744	117	323912	20.097	ug/L	99
33) Benzene	5.018	78	763923	21.267	ug/L	100
34) Trichloroethene	5.837	95	197930	20.672	ug/L	98
35) Methylcyclohexane	6.059	83	334641	22.553	ug/L	99
37) 1,2-Dichloropropane	6.101	63	183107	21.493	ug/L	98
38) Bromodichloromethane	6.439	83	254881	20.440	ug/L	99
39) cis-1,3-Dichloropropene	6.960	75	292043	22.886	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	1075702	243.685	ug/L	99
42) Toluene	7.323	91	866139	22.398	ug/L	99
44) trans-1,3-Dichloropropene	7.587	75	248843	22.887	ug/L	99

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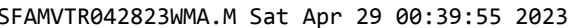
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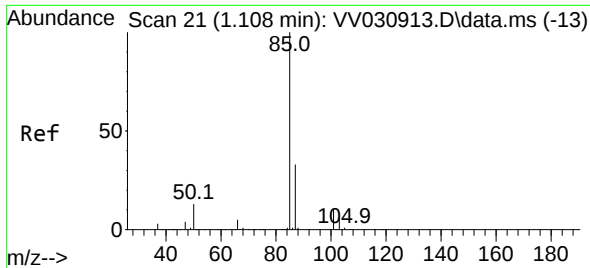
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.776	97	129665	20.512	ug/L	98
47) Tetrachloroethene	7.911	164	185296	20.286	ug/L	99
48) 2-Hexanone	8.085	43	816587	254.089	ug/L	99
49) Dibromochloromethane	8.185	129	166224	20.901	ug/L	99
50) 1,2-Dibromoethane	8.291	107	120438	21.361	ug/L	98
51) Chlorobenzene	8.821	112	546477	20.844	ug/L	99
52) Ethylbenzene	8.953	91	984798	23.358	ug/L	100
53) m,p-Xylene	9.078	106	381738	22.689	ug/L	96
54) o-Xylene	9.487	106	367532	22.953	ug/L	95
55) Styrene	9.503	104	639774	23.679	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.185	83	149577	21.168	ug/L	99
59) Bromoform	9.673	173	102413	19.686	ug/L	97
60) Isopropylbenzene	9.876	105	1030532	21.626	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	107954	19.443	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	864052	22.273	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	893030	22.720	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	499231	20.399	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	498459	20.189	ug/L	96
67) 1,2-Dichlorobenzene	11.586	146	448901	20.399	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.374	75	25630	18.184	ug/L #	88
69) 1,3,5-Trichlorobenzene	12.590	180	396429	20.458	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	316769	21.273	ug/L	98
71) Naphthalene	13.448	128	437415	20.486	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	271712	21.556	ug/L	100

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

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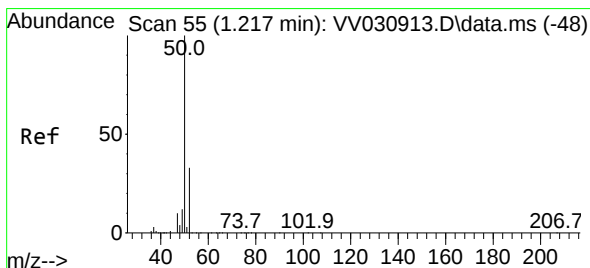
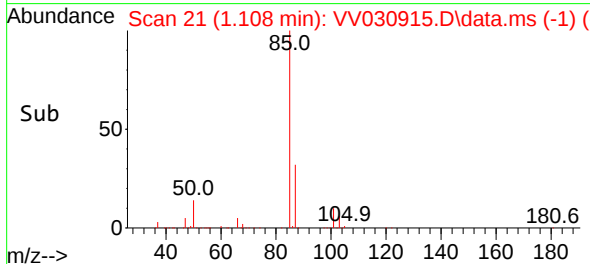
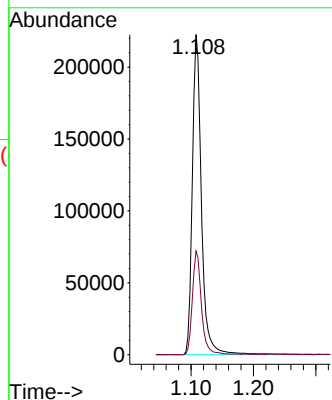
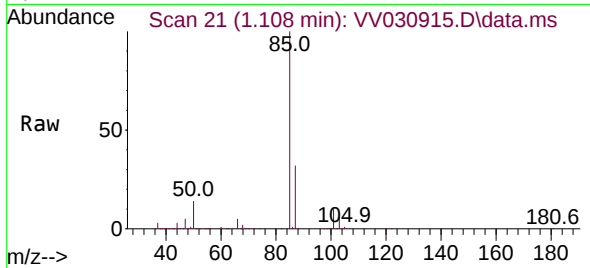




#2
 Dichlorodifluoromethane
 Concen: 19.856 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

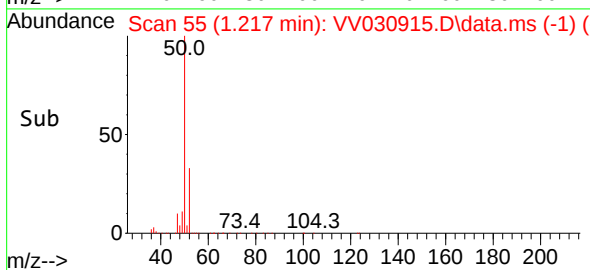
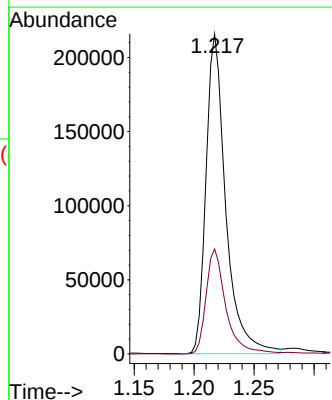
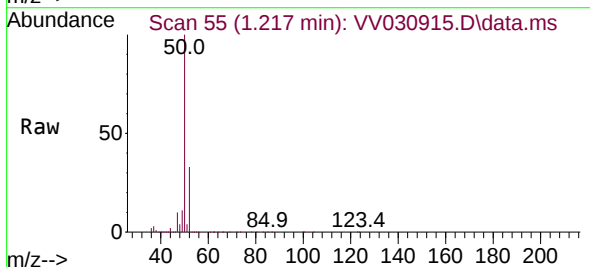
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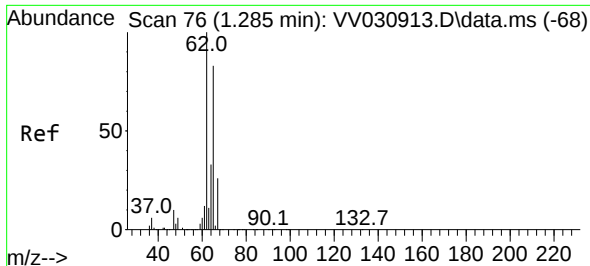
Tgt Ion: 85 Resp: 225607
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 18.574 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

Tgt Ion: 50 Resp: 247670
 Ion Ratio Lower Upper
 50 100
 52 32.8 22.8 42.4

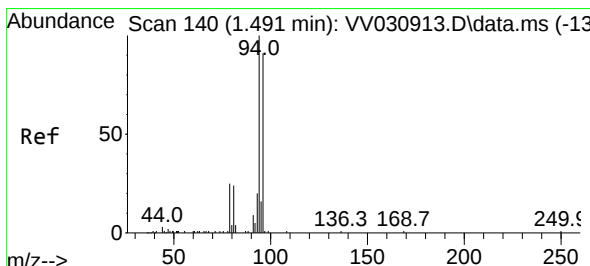
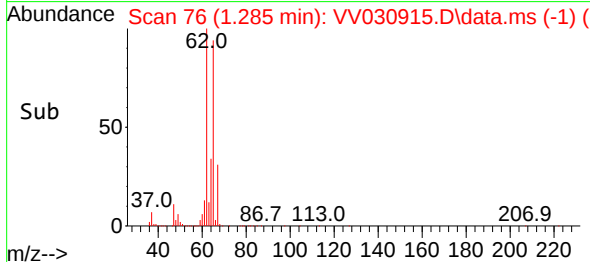
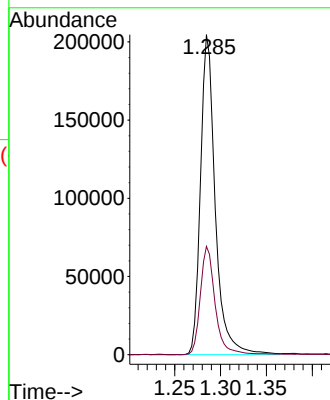
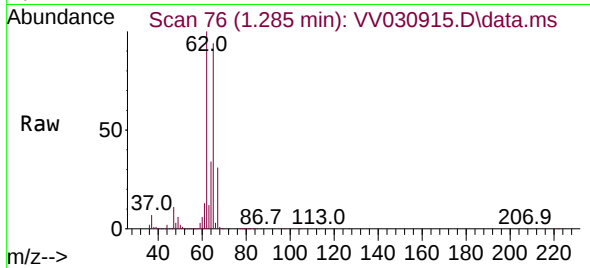




#5
 Vinyl chloride
 Concen: 20.498 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

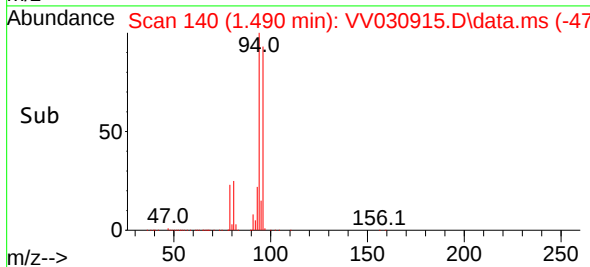
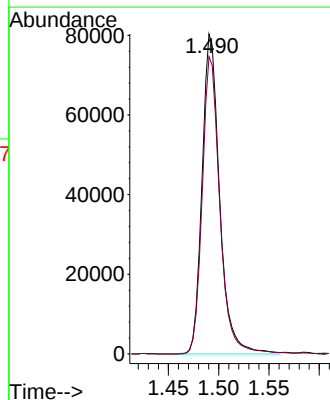
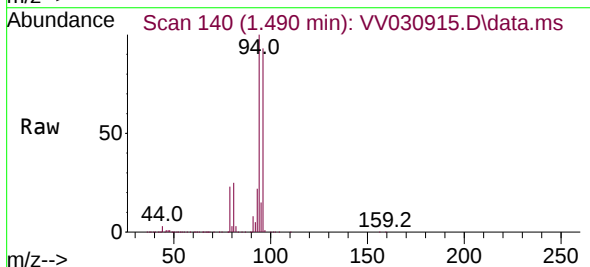
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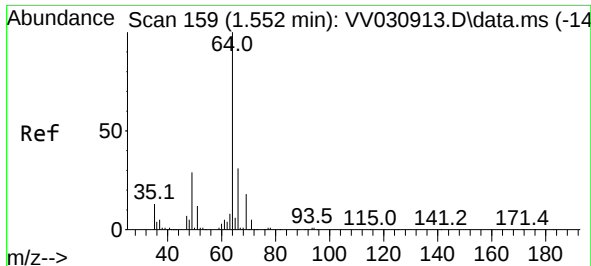
Tgt Ion: 62 Resp: 228762
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.8 42.4



#6
 Bromomethane
 Concen: 18.368 ug/L
 RT: 1.490 min Scan# 140
 Delta R.T. -0.000 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

Tgt Ion: 94 Resp: 97634
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.4 117.8

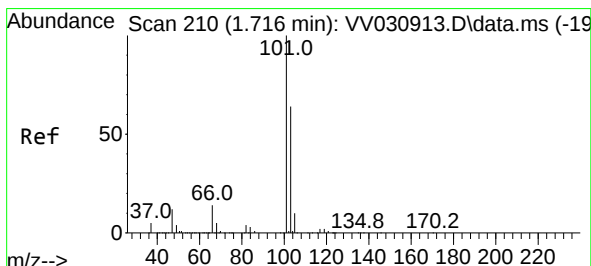
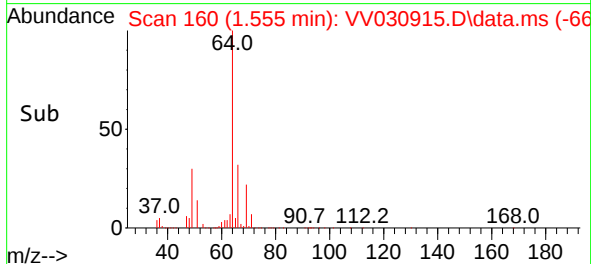
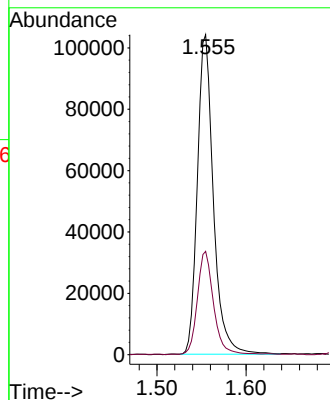
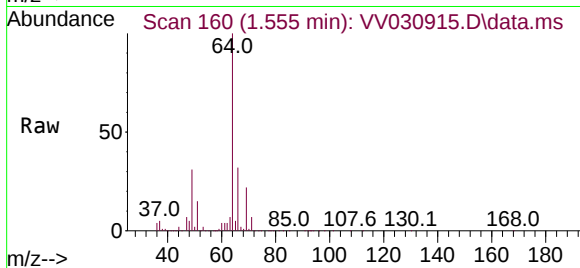




#8
Chloroethane
Concen: 19.171 ug/L
RT: 1.555 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

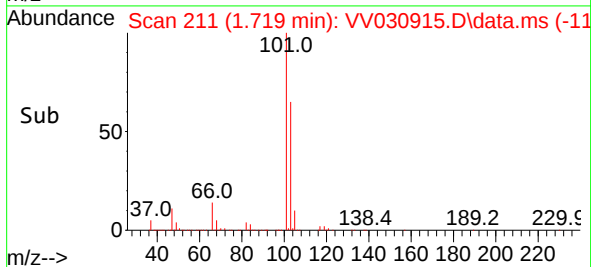
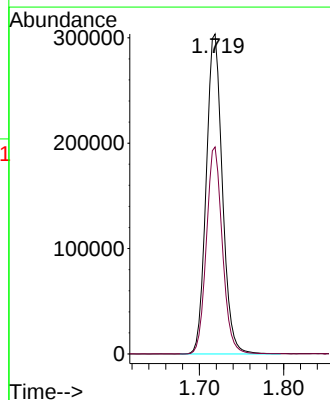
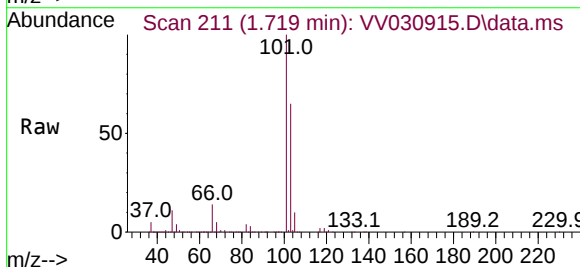
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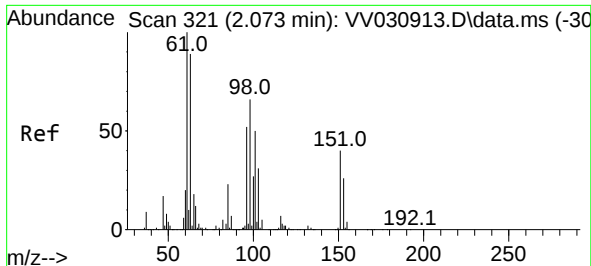
Tgt Ion: 64 Resp: 130227
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 19.715 ug/L
RT: 1.719 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion:101 Resp: 405929
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

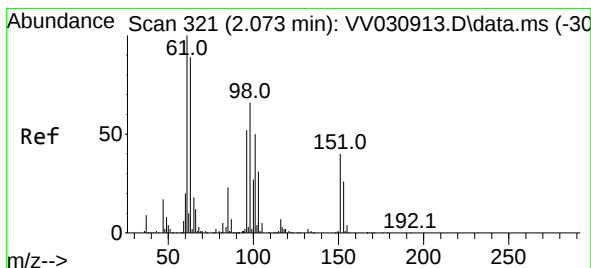
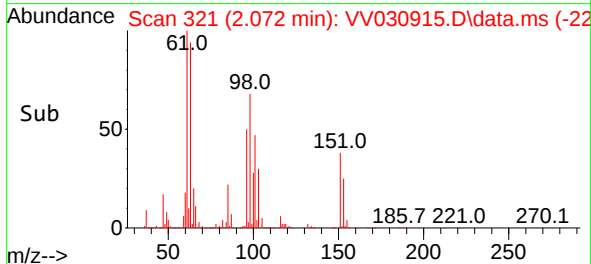
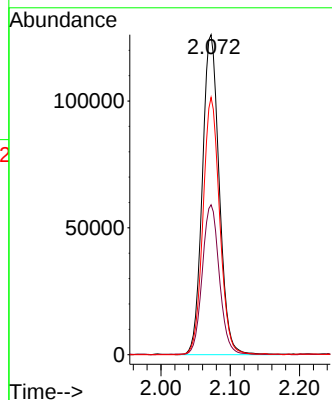
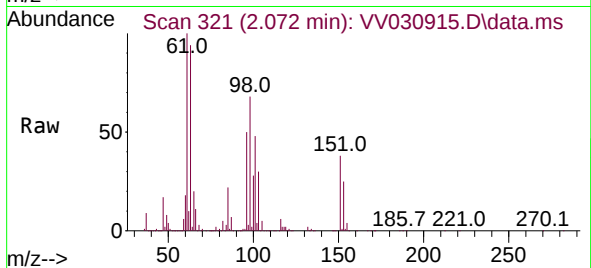




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.349 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

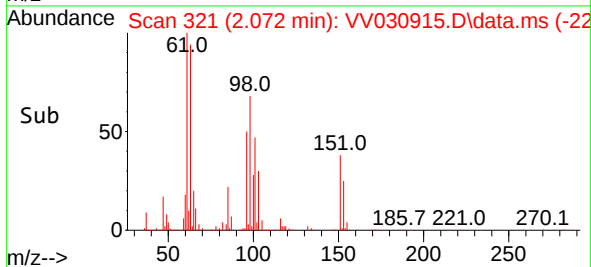
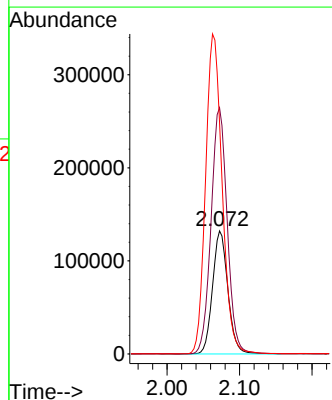
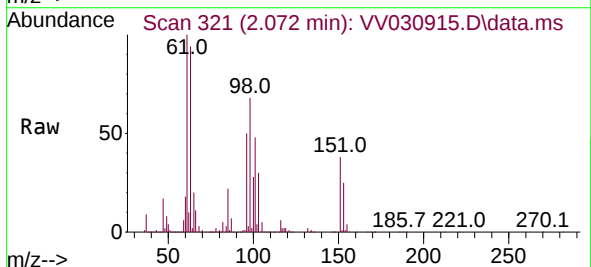
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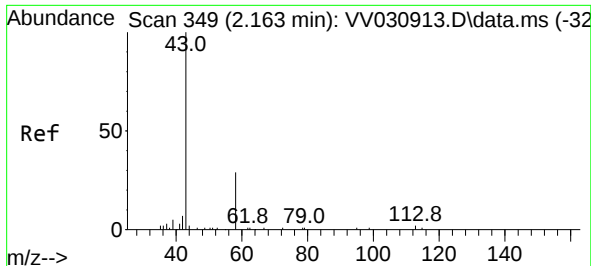
Tgt Ion:101 Resp: 213886
Ion Ratio Lower Upper
101 100
85 46.9 38.7 58.1
151 79.3 65.1 97.7



#12
1,1-Dichloroethene
Concen: 20.053 ug/L
RT: 2.072 min Scan# 321
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 96 Resp: 194100
Ion Ratio Lower Upper
96 100
61 200.2 135.6 251.8
63 188.0 121.1 224.9





#13

Acetone

Concen: 187.534 ug/L

RT: 2.159 min Scan# 34

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

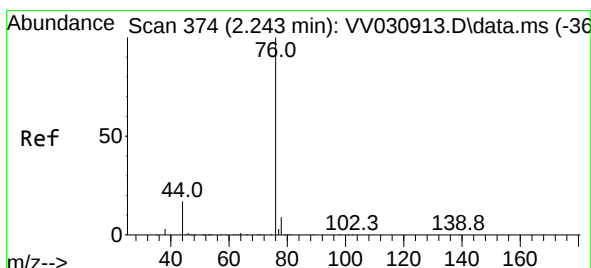
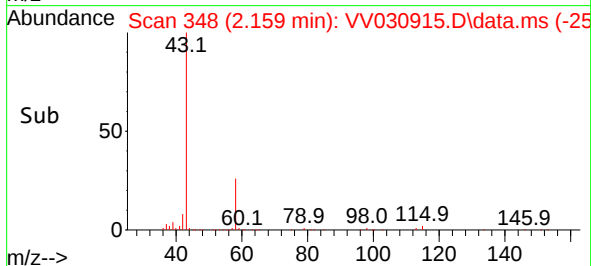
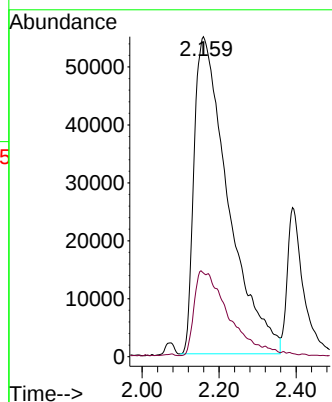
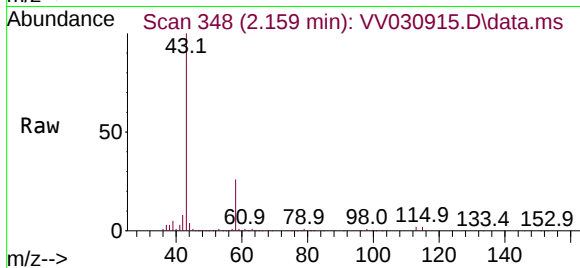
VSTD020237

Tgt Ion: 43 Resp: 336650

Ion Ratio Lower Upper

43 100

58 9.1 0.0 37.0



#14

Carbon disulfide

Concen: 20.673 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.003 min

Lab File: VV030915.D

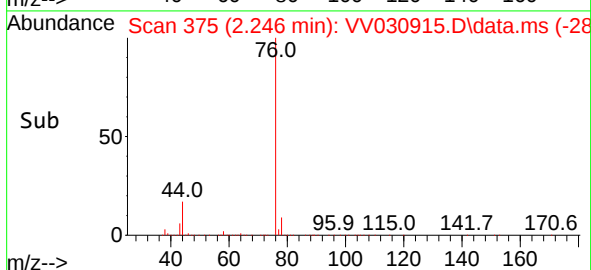
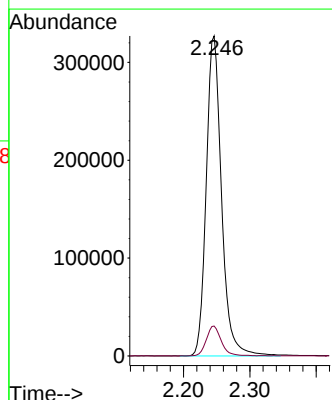
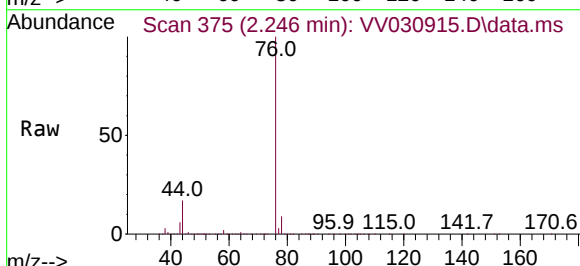
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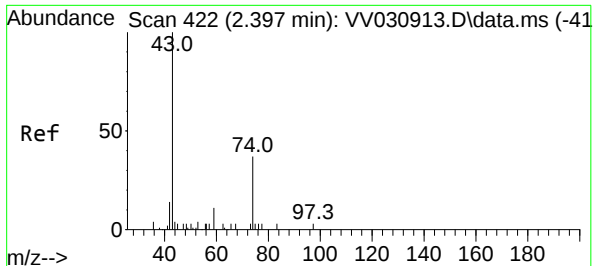
Tgt Ion: 76 Resp: 523559

Ion Ratio Lower Upper

76 100

78 9.3 6.8 10.2

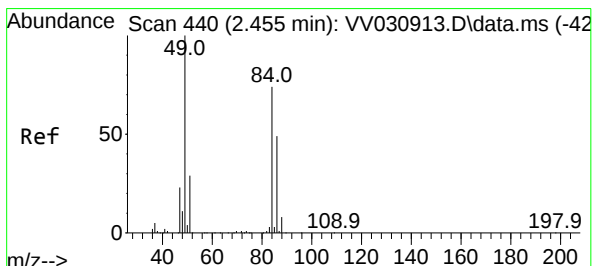
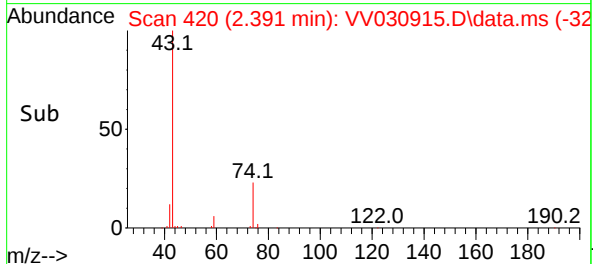
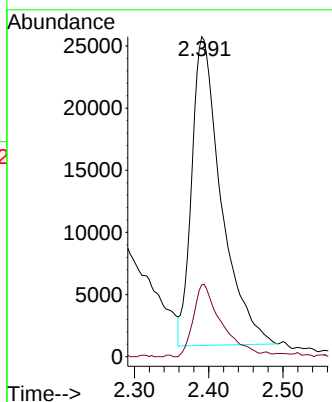
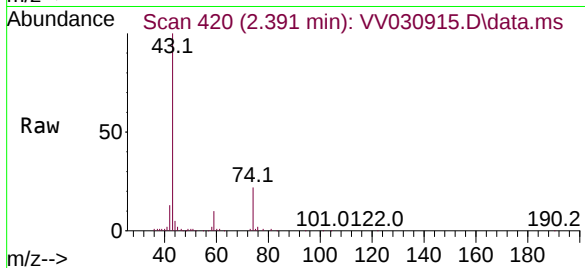




#15
Methyl Acetate
Concen: 18.827 ug/L
RT: 2.391 min Scan# 41
Delta R.T. -0.007 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

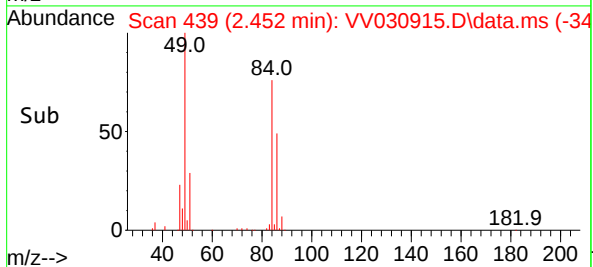
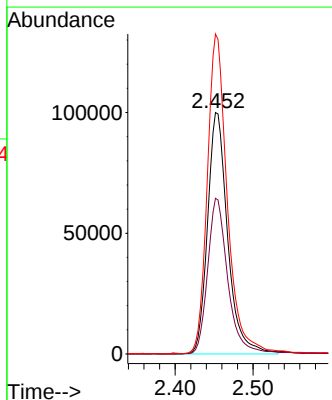
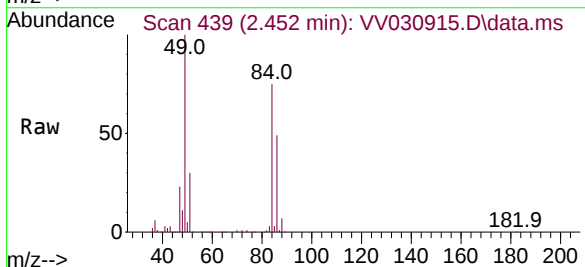
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

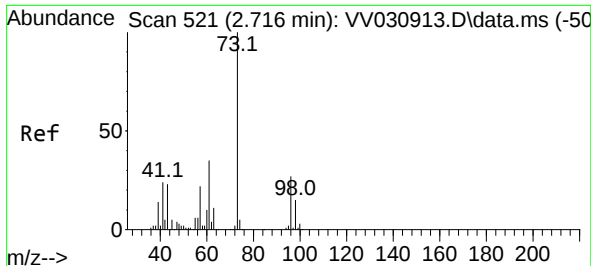
Tgt Ion: 43 Resp: 68608
Ion Ratio Lower Upper
43 100
74 22.4 15.0 22.6



#16
Methylene chloride
Concen: 16.429 ug/L
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 84 Resp: 179888
Ion Ratio Lower Upper
84 100
86 64.5 46.1 85.5
49 132.5 94.3 175.1





#17

Methyl tert-butyl Ether

Concen: 22.588 ug/L

RT: 2.712 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

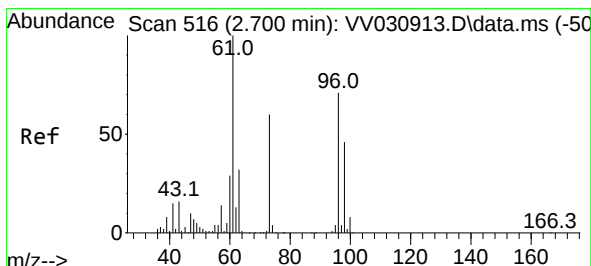
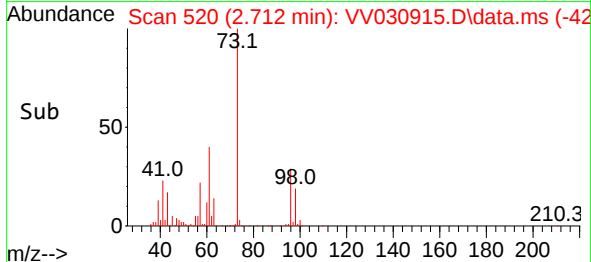
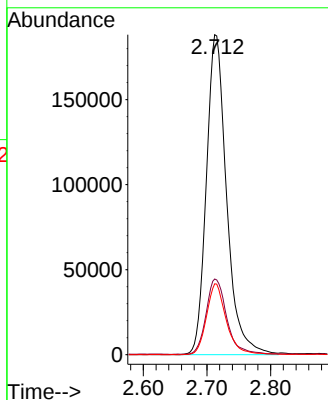
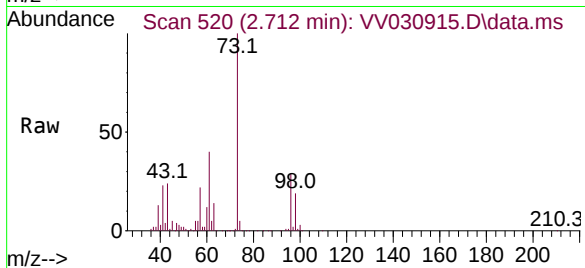
MSVOA_V

ClientSampleId :

VSTD020237

Tgt Ion: 73 Resp: 416209

Ion	Ratio	Lower	Upper
73	100		
43	23.9	19.9	29.9
57	21.8	18.2	27.4



#18

trans-1,2-Dichloroethene

Concen: 20.428 ug/L

RT: 2.699 min Scan# 516

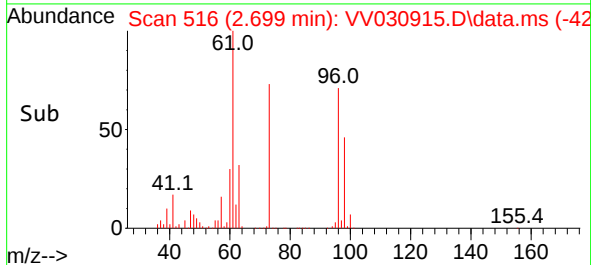
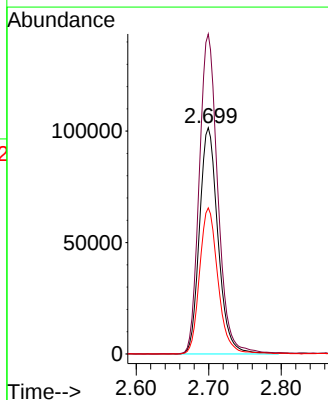
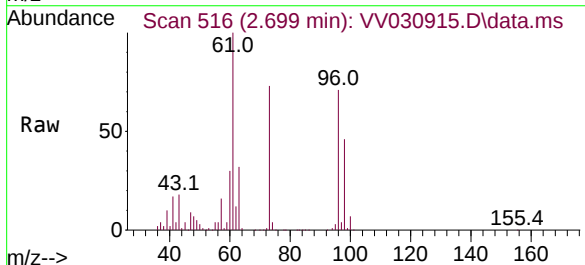
Delta R.T. -0.000 min

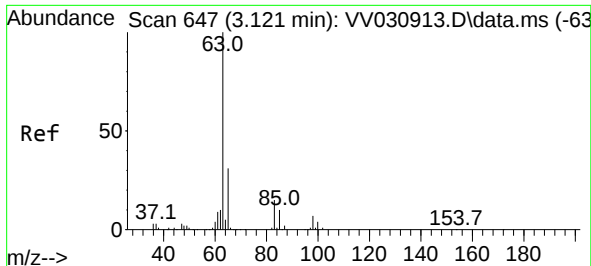
Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Tgt Ion: 96 Resp: 180612

Ion	Ratio	Lower	Upper
96	100		
61	141.4	98.9	183.7
98	64.6	46.0	85.4





#19

1,1-Dichloroethane

Concen: 20.296 ug/L

RT: 3.117 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

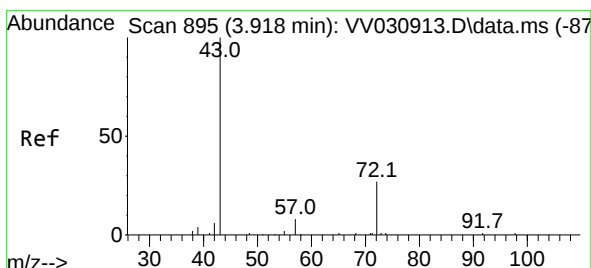
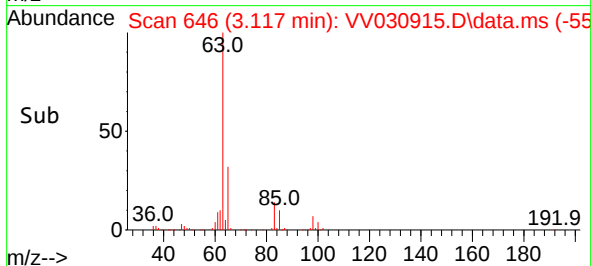
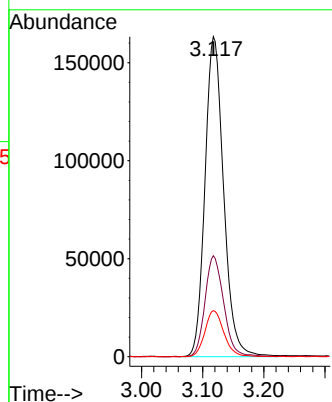
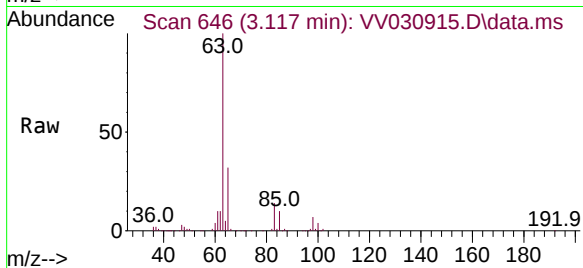
Tgt Ion: 63 Resp: 346493

Ion Ratio Lower Upper

63 100

65 31.6 21.8 40.6

83 14.4 10.2 19.0



#21

2-Butanone

Concen: 220.232 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.016 min

Lab File: VV030915.D

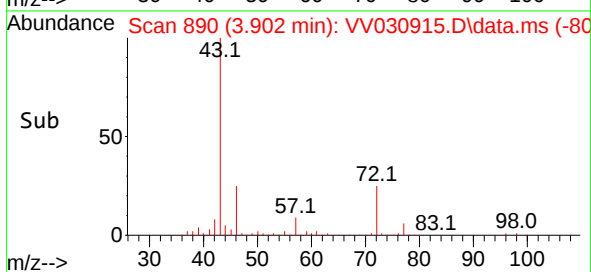
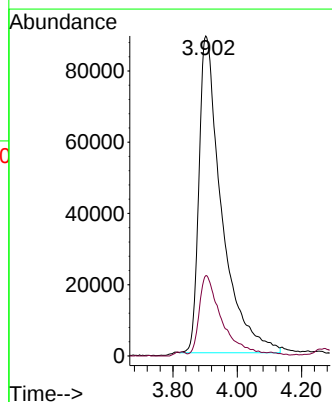
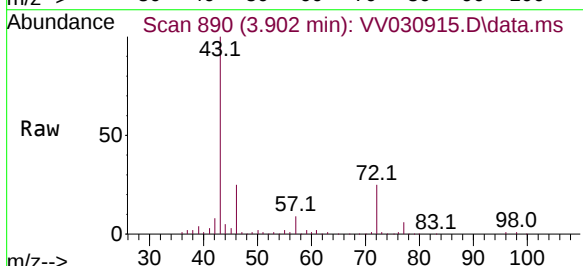
Acq: 28 Apr 2023 12:27

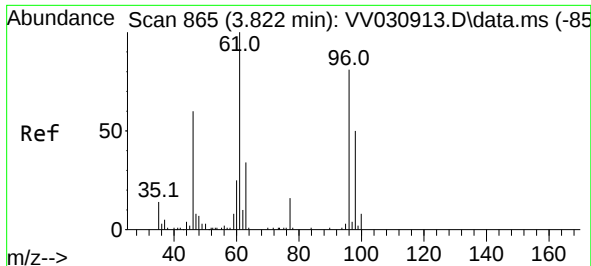
Tgt Ion: 43 Resp: 436331

Ion Ratio Lower Upper

43 100

72 23.3 9.6 28.6

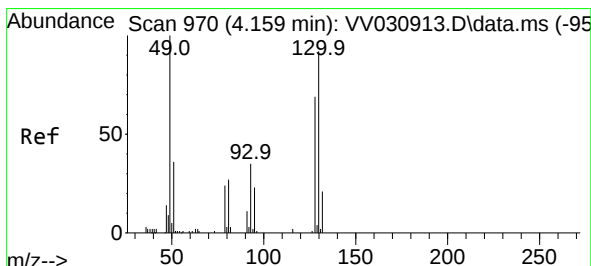
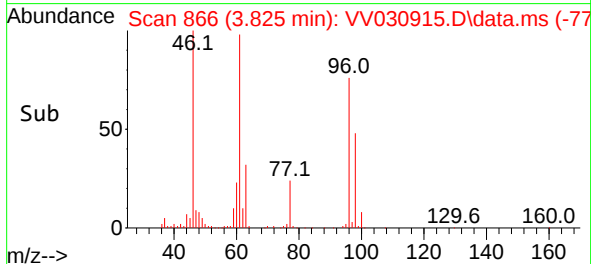
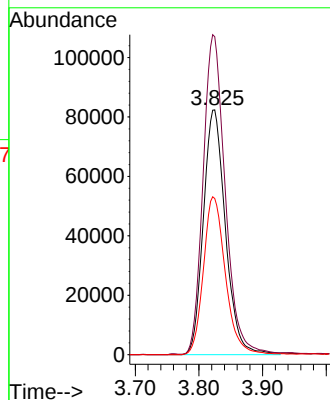
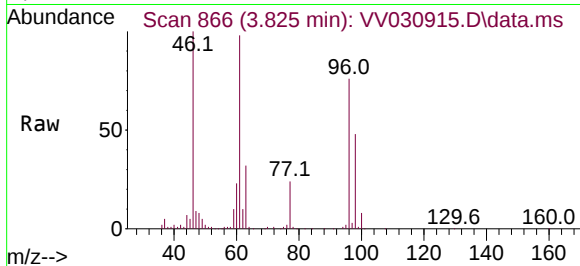




#22
 cis-1,2-Dichloroethene
 Concen: 21.311 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

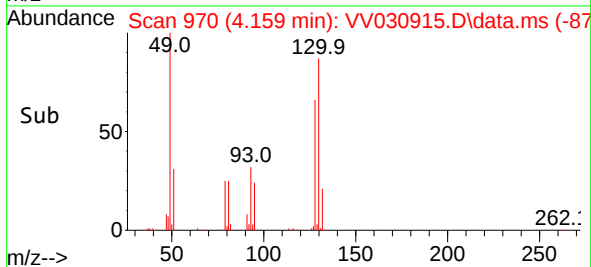
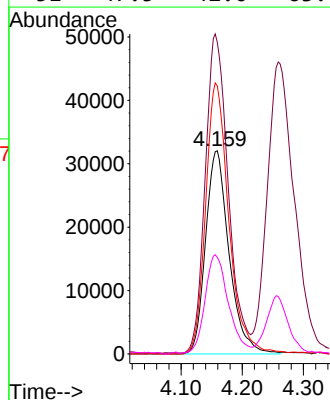
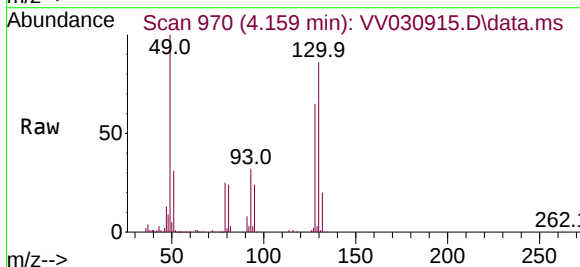
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020237

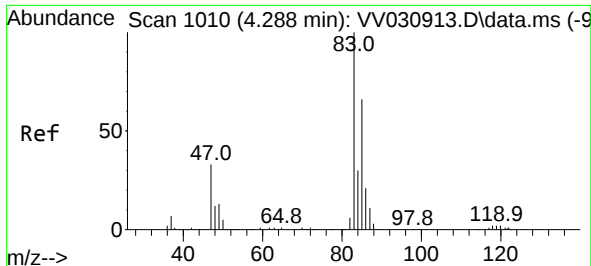
Tgt Ion: 96 Resp: 198796
 Ion Ratio Lower Upper
 96 100
 61 129.9 86.0 159.6
 98 63.8 43.2 80.2



#23
 Bromochloromethane
 Concen: 19.497 ug/L
 RT: 4.159 min Scan# 970
 Delta R.T. -0.000 min
 Lab File: VV030915.D
 Acq: 28 Apr 2023 12:27

Tgt Ion:128 Resp: 85630
 Ion Ratio Lower Upper
 128 100
 49 153.3 104.7 194.5
 130 131.9 93.4 173.4
 51 47.5 42.0 63.0

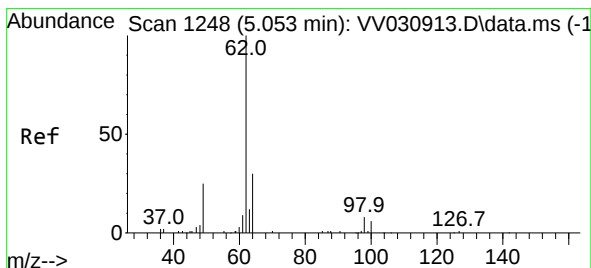
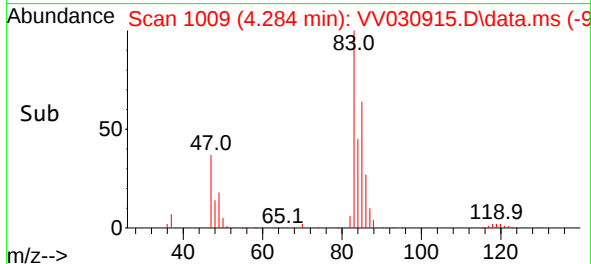
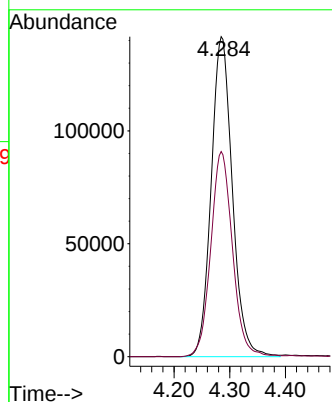
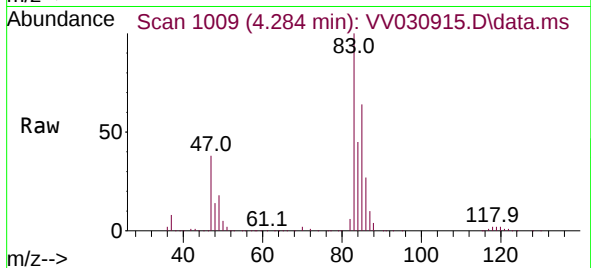




#25
Chloroform
Concen: 20.430 ug/L
RT: 4.284 min Scan# 1010
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

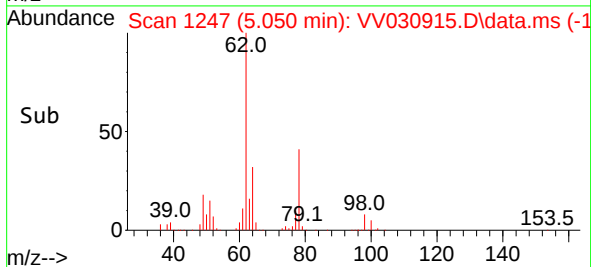
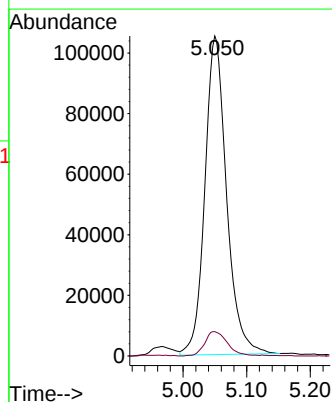
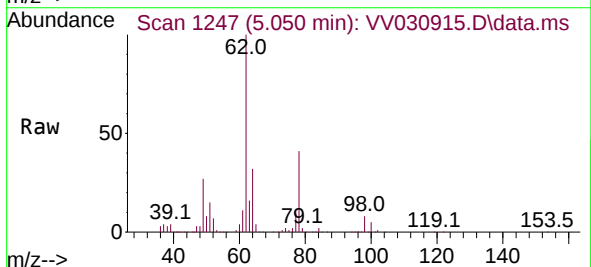
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

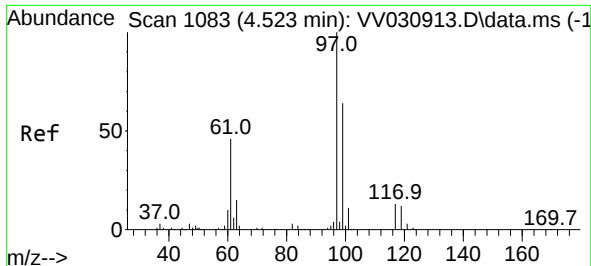
Tgt Ion: 83 Resp: 374230
Ion Ratio Lower Upper
83 100
85 64.1 46.4 86.2



#27
1,2-Dichloroethane
Concen: 21.674 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 62 Resp: 249161
Ion Ratio Lower Upper
62 100
98 7.6 6.0 9.0





#29

1,1,1-Trichloroethane

Concen: 20.003 ug/L

RT: 4.522 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

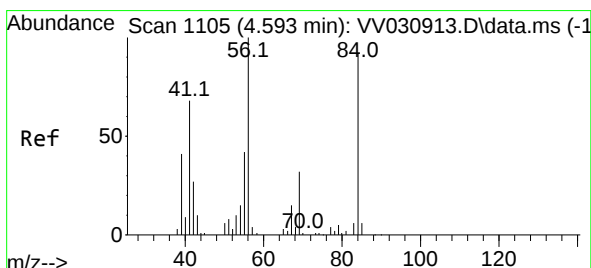
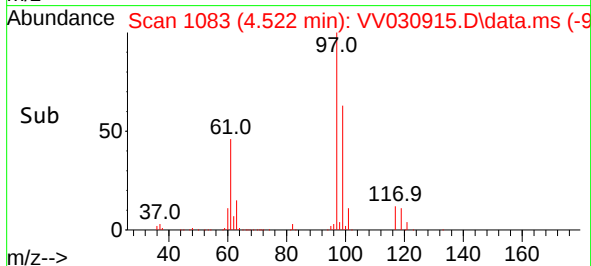
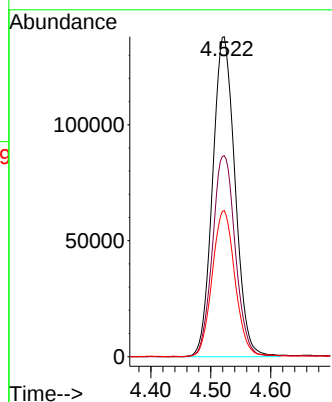
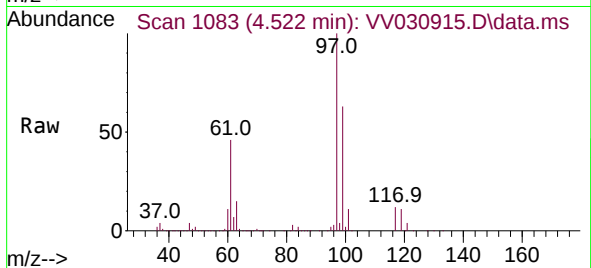
Tgt Ion: 97 Resp: 358919

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.2

61 46.5 37.4 56.0



#30

Cyclohexane

Concen: 22.315 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

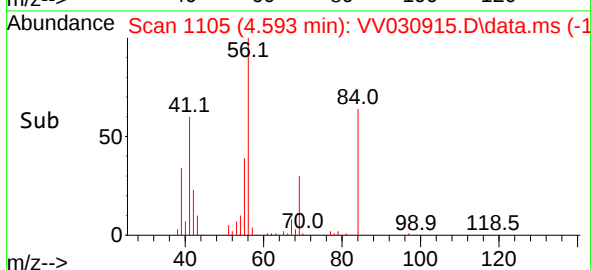
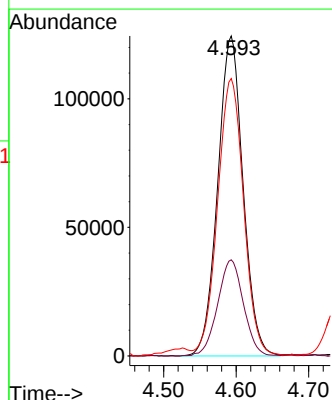
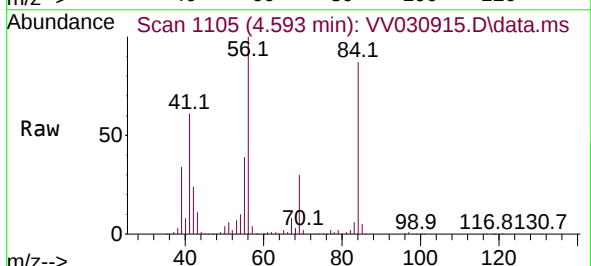
Tgt Ion: 56 Resp: 302427

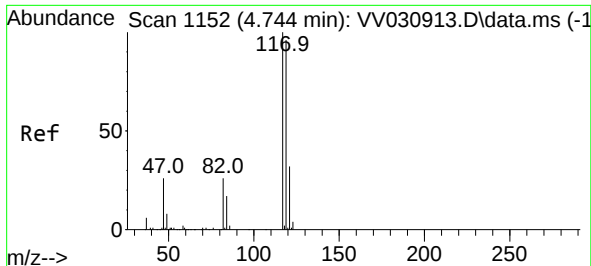
Ion Ratio Lower Upper

56 100

69 30.6 25.0 37.6

84 89.4 74.2 111.2

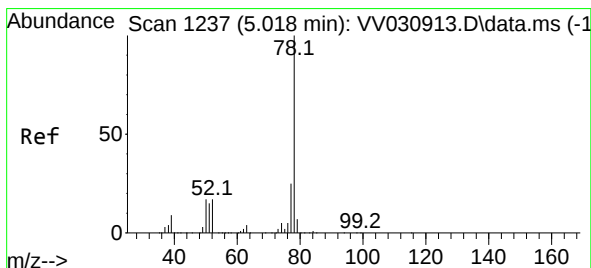
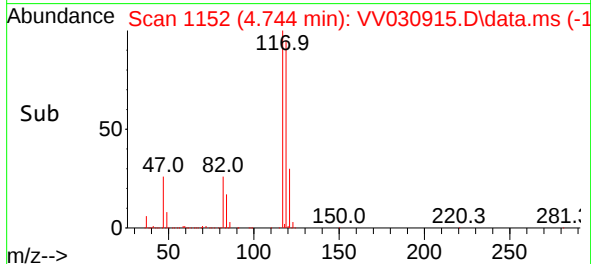
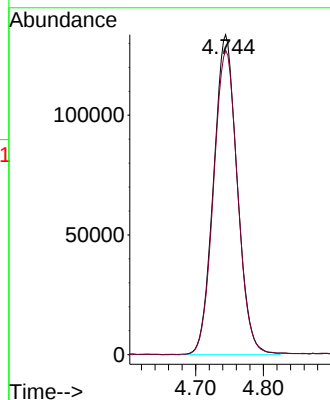
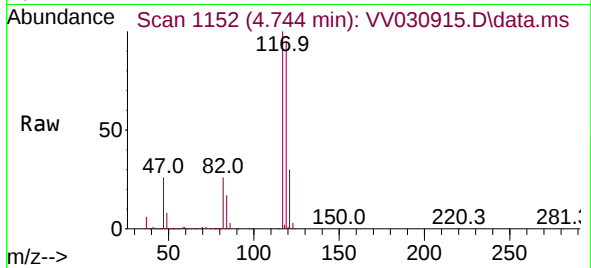




#31
Carbon tetrachloride
Concen: 20.097 ug/L
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

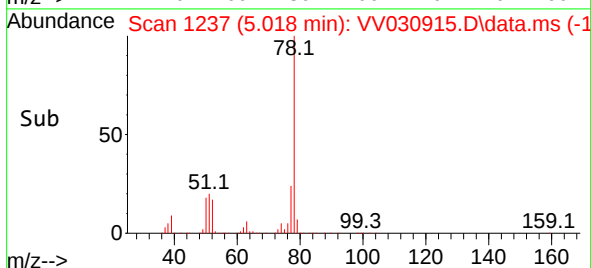
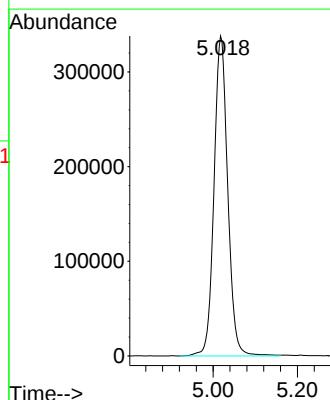
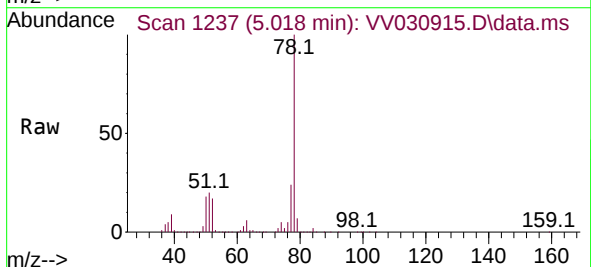
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

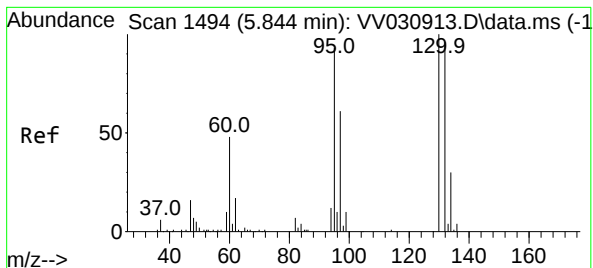
Tgt Ion:117 Resp: 323912
Ion Ratio Lower Upper
117 100
119 97.4 78.4 117.6



#33
Benzene
Concen: 21.267 ug/L
RT: 5.018 min Scan# 1237
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 78 Resp: 763923





#34

Trichloroethene

Concen: 20.672 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. -0.007 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

Tgt Ion: 95 Resp: 197930

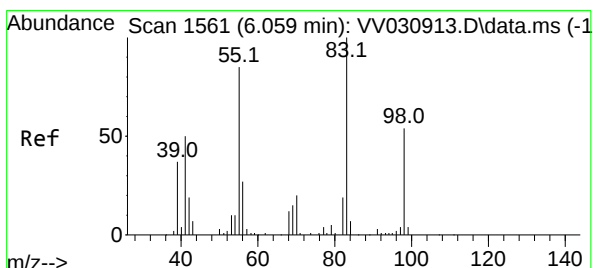
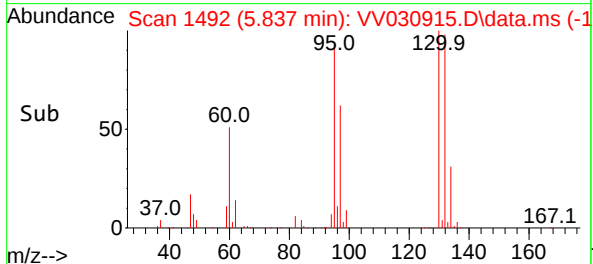
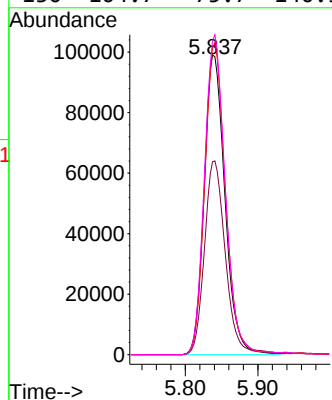
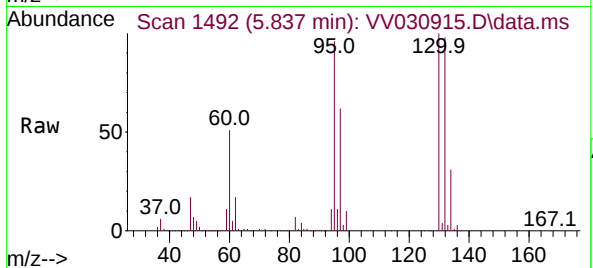
Ion Ratio Lower Upper

95 100

97 64.4 46.2 85.8

132 102.4 72.7 135.1

130 104.7 75.7 140.5



#35

Methylcyclohexane

Concen: 22.553 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

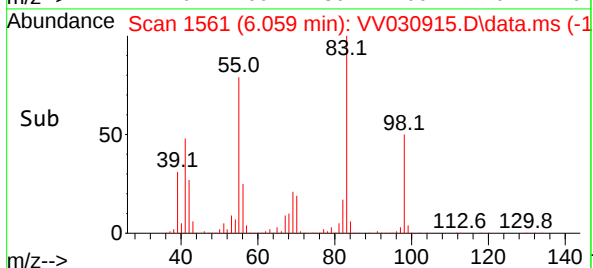
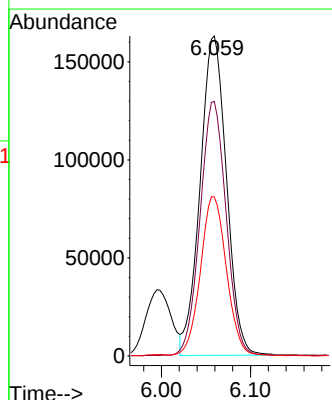
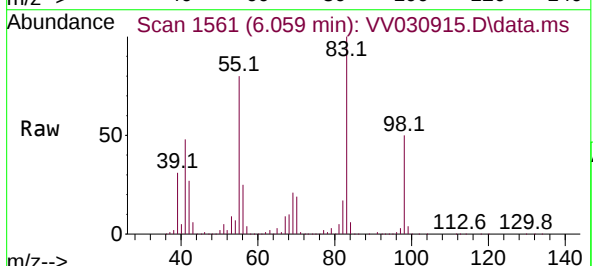
Tgt Ion: 83 Resp: 334641

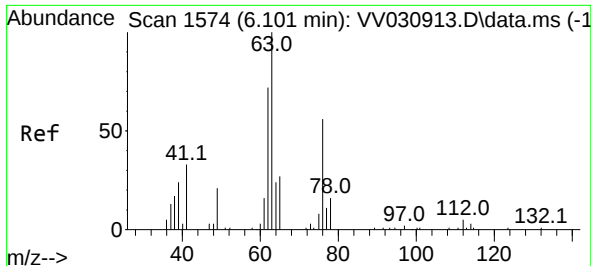
Ion Ratio Lower Upper

83 100

55 79.1 62.9 94.3

98 49.1 40.5 60.7





#37

1,2-Dichloropropane

Concen: 21.493 ug/L

RT: 6.101 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

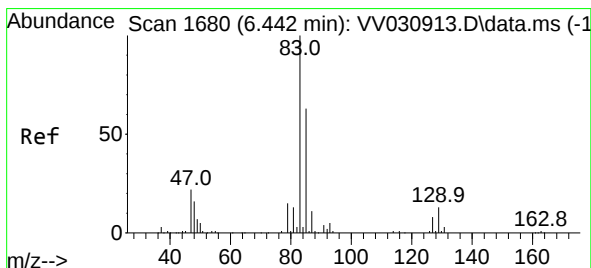
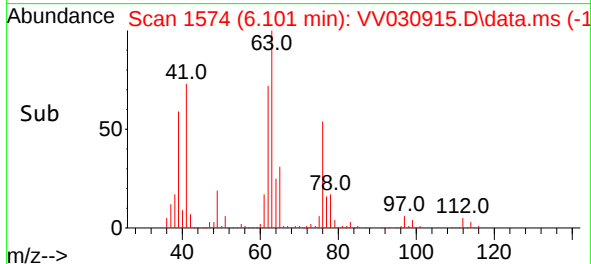
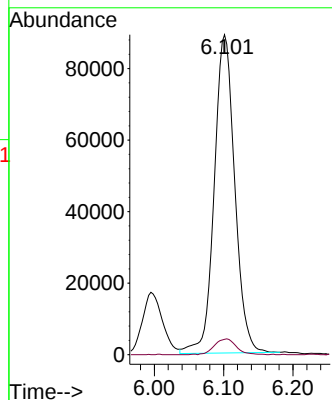
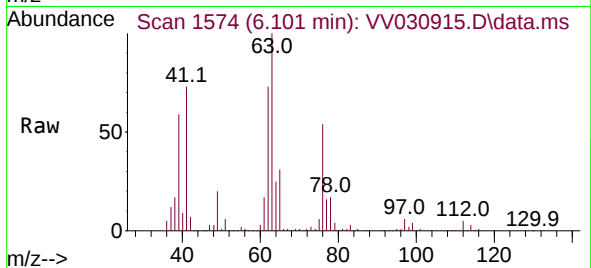
VSTD020237

Tgt Ion: 63 Resp: 183107

Ion Ratio Lower Upper

63 100

112 5.3 3.8 5.8



#38

Bromodichloromethane

Concen: 20.440 ug/L

RT: 6.439 min Scan# 1679

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

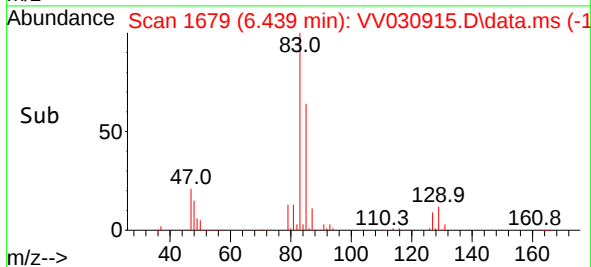
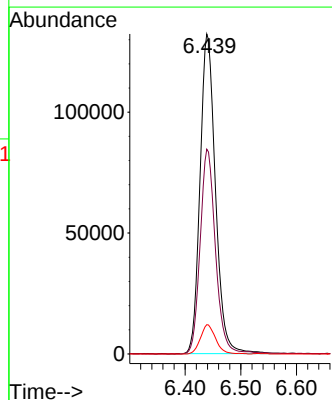
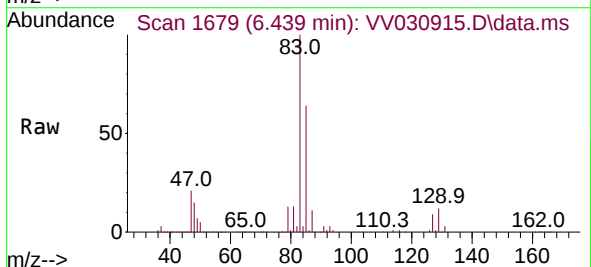
Tgt Ion: 83 Resp: 254881

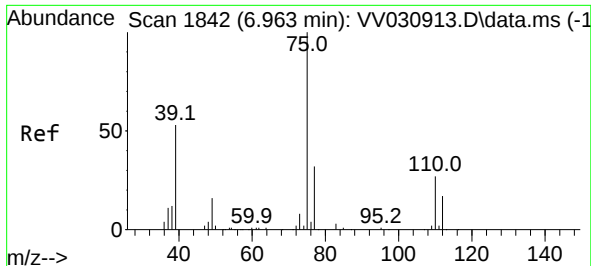
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.4

127 9.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 22.886 ug/L

RT: 6.960 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

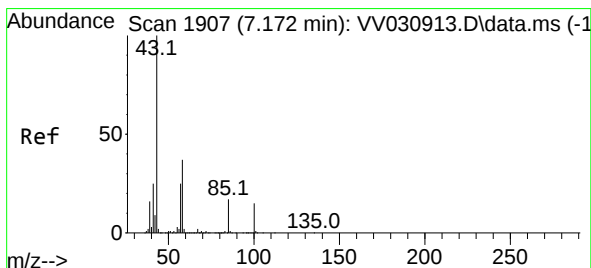
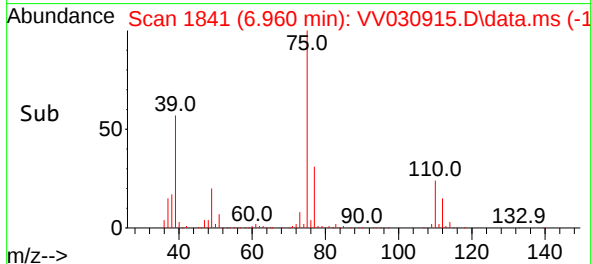
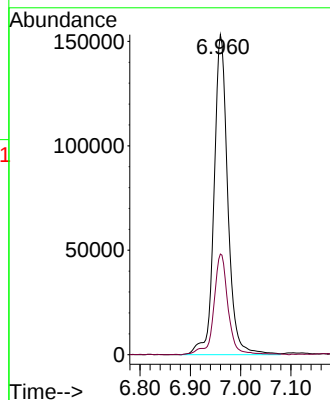
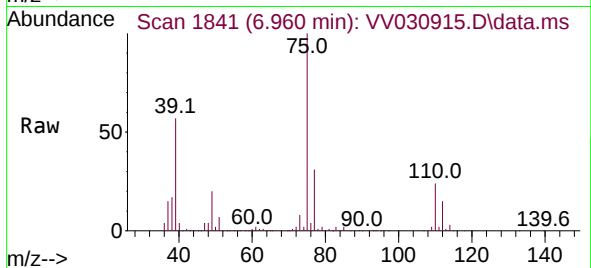
VSTD020237

Tgt Ion: 75 Resp: 292043

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 243.685 ug/L

RT: 7.169 min Scan# 1906

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

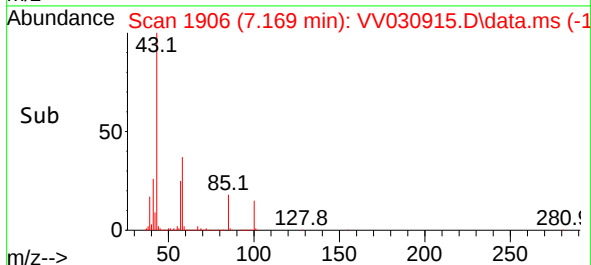
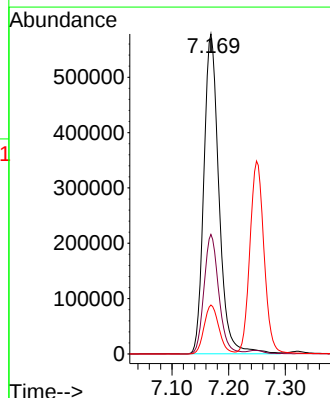
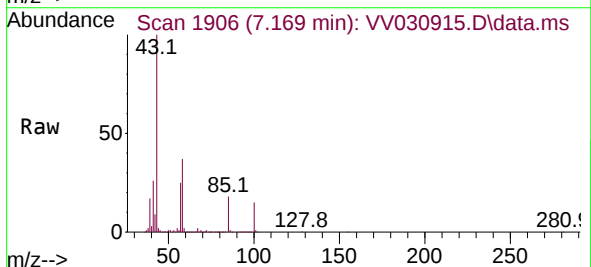
Tgt Ion: 43 Resp: 1075702

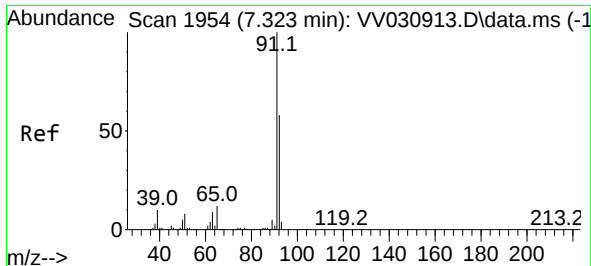
Ion Ratio Lower Upper

43 100

58 36.5 28.3 42.5

100 14.9 11.8 17.8





#42

Toluene

Concen: 22.398 ug/L

RT: 7.323 min Scan# 1954

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

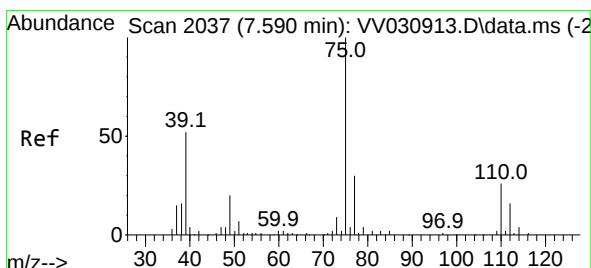
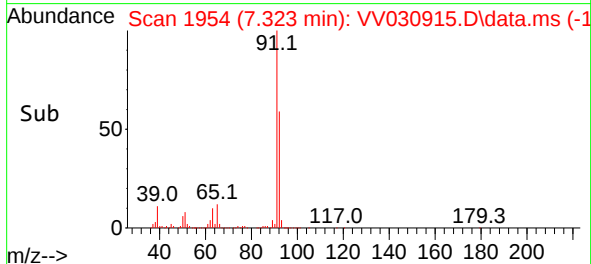
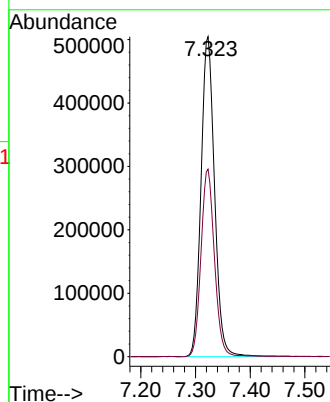
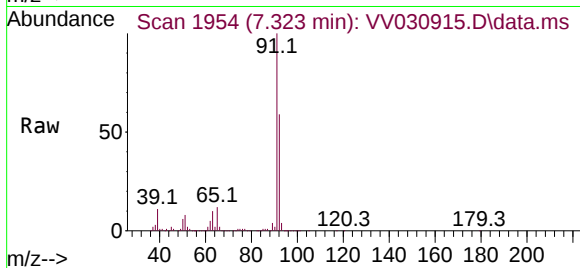
VSTD020237

Tgt Ion: 91 Resp: 866139

Ion Ratio Lower Upper

91 100

92 58.6 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 22.887 ug/L

RT: 7.587 min Scan# 2036

Delta R.T. -0.003 min

Lab File: VV030915.D

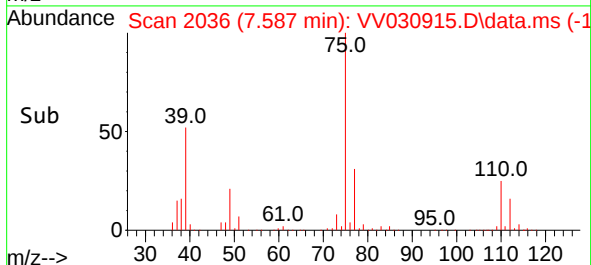
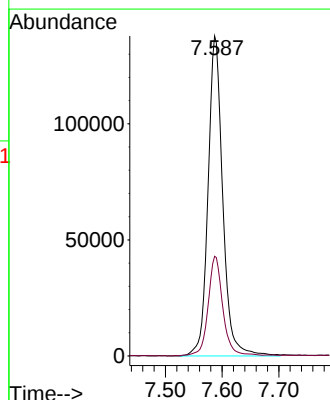
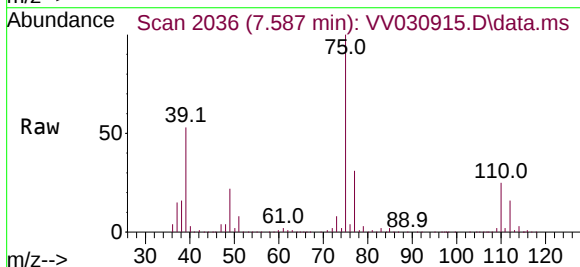
Acq: 28 Apr 2023 12:27

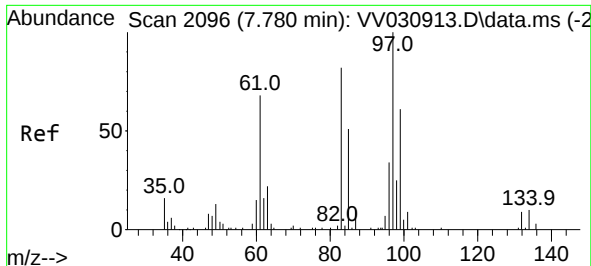
Tgt Ion: 75 Resp: 248843

Ion Ratio Lower Upper

75 100

77 31.2 21.6 40.0





#45

1,1,2-Trichloroethane

Concen: 20.512 ug/L

RT: 7.776 min Scan# 2096

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

Tgt Ion: 97 Resp: 129665

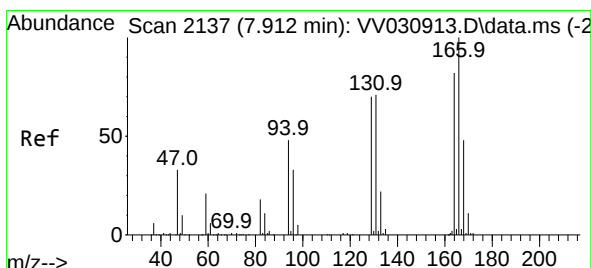
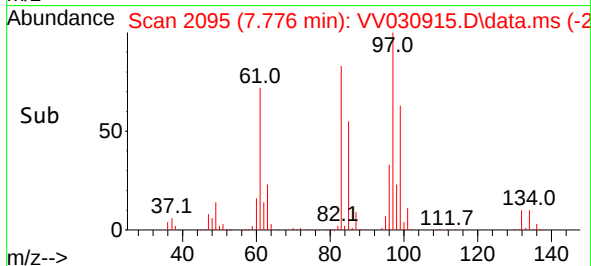
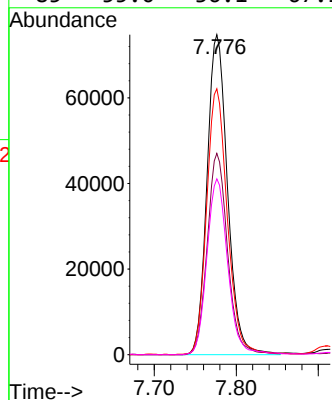
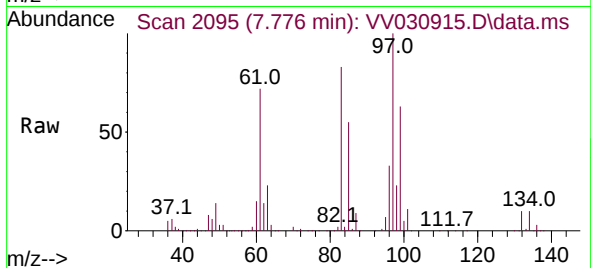
Ion Ratio Lower Upper

97 100

99 62.9 42.8 79.6

83 83.1 57.5 106.7

85 55.0 36.1 67.1



#47

Tetrachloroethene

Concen: 20.286 ug/L

RT: 7.911 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Tgt Ion:164 Resp: 185296

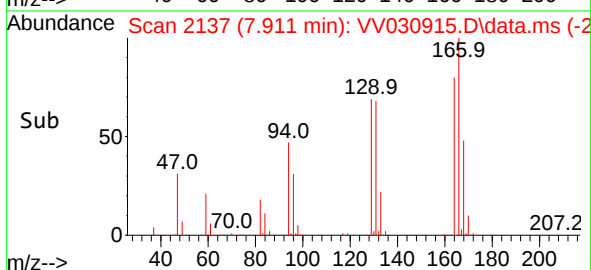
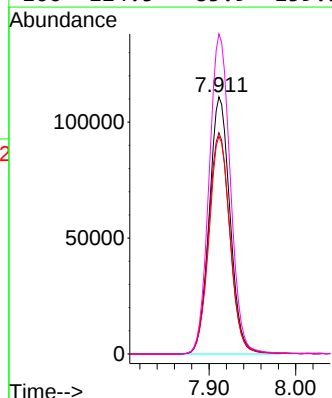
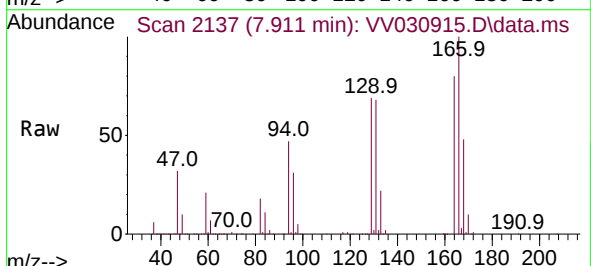
Ion Ratio Lower Upper

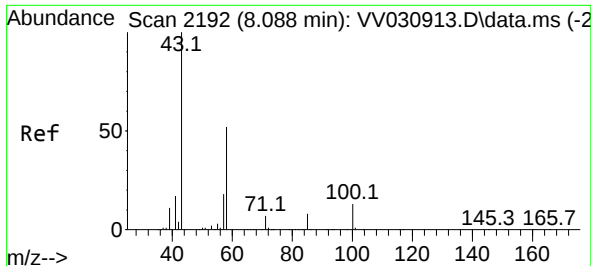
164 100

129 86.1 60.5 112.3

131 84.6 60.8 112.8

166 124.5 85.9 159.5

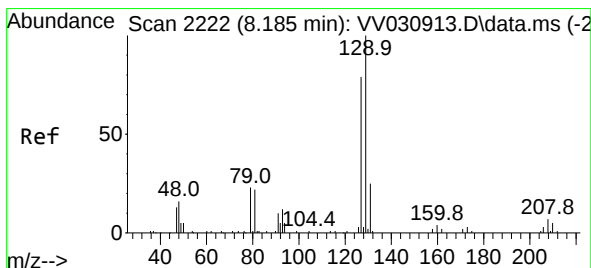
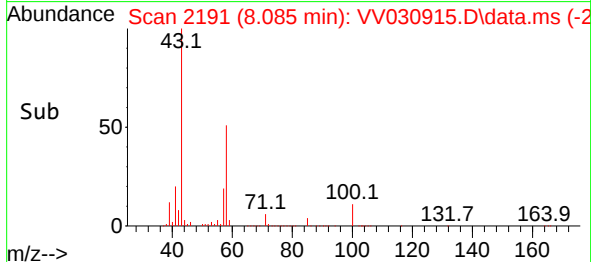
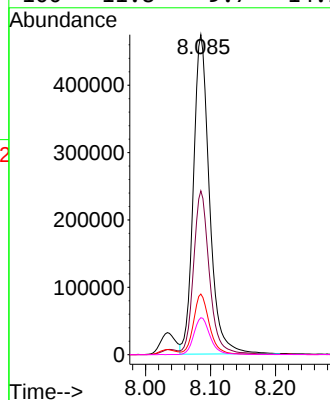
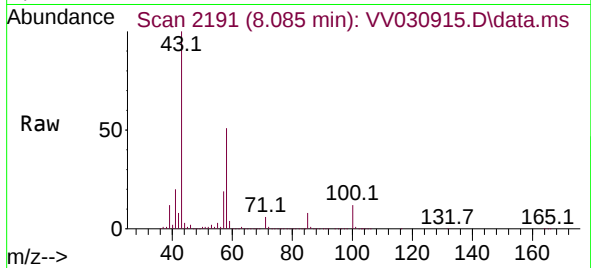




#48
2-Hexanone
Concen: 254.089 ug/L
RT: 8.085 min Scan# 2192
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

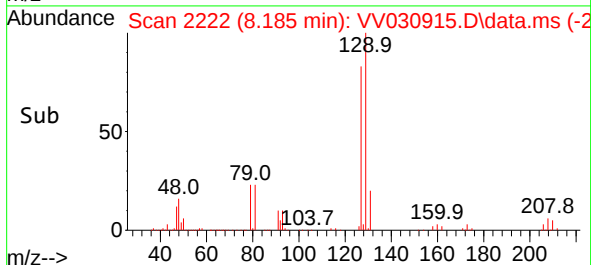
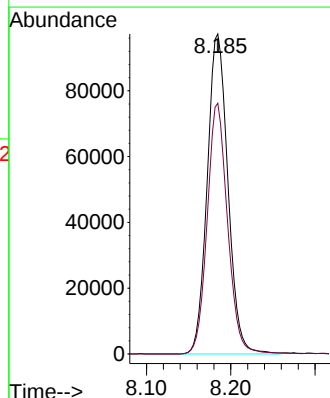
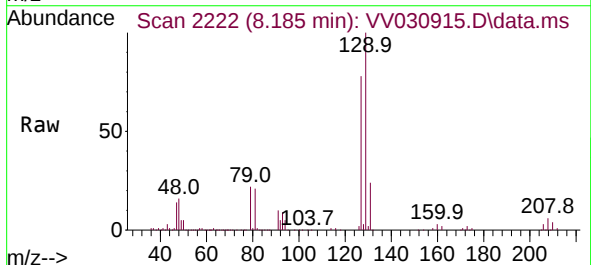
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

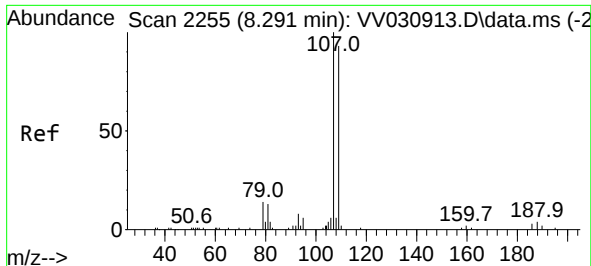
Tgt Ion: 43 Resp: 816587
Ion Ratio Lower Upper
43 100
58 50.7 39.9 59.9
57 18.7 14.1 21.1
100 11.8 9.7 14.5



#49
Dibromochloromethane
Concen: 20.901 ug/L
RT: 8.185 min Scan# 2222
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 129 Resp: 166224
Ion Ratio Lower Upper
129 100
127 78.3 55.3 102.7

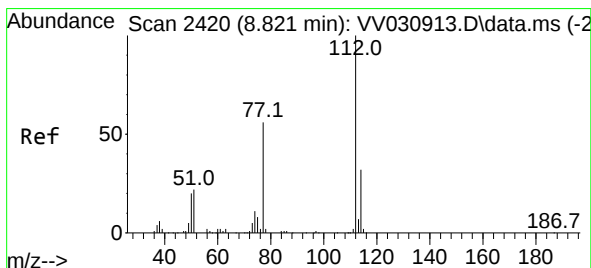
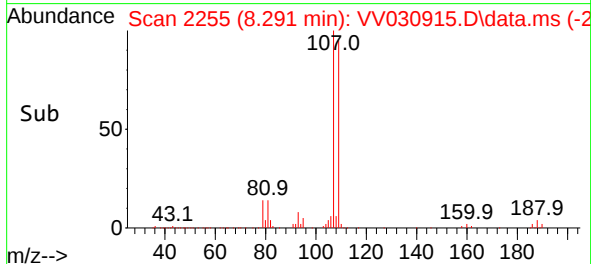
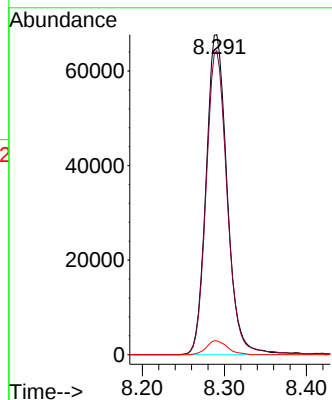
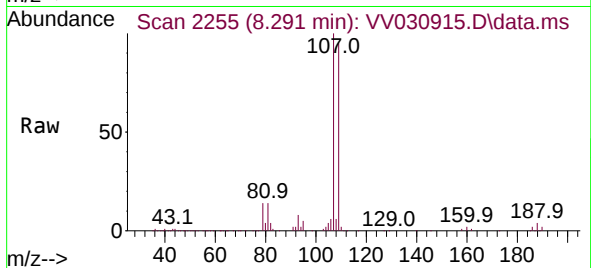




#50
1,2-Dibromoethane
Concen: 21.361 ug/L
RT: 8.291 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

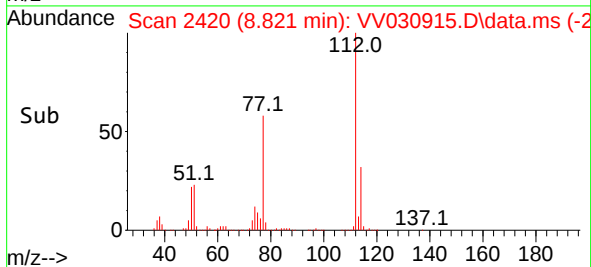
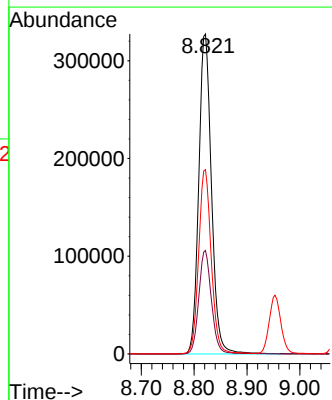
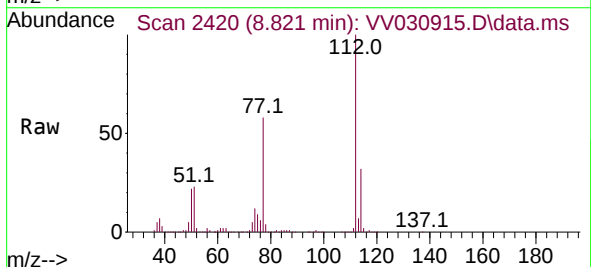
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

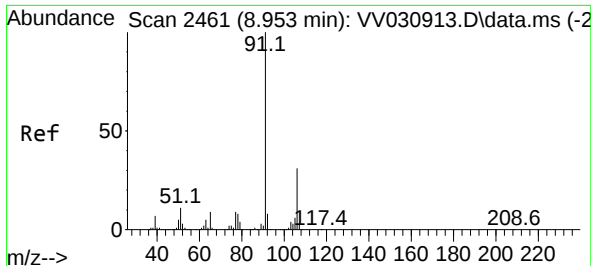
Tgt Ion:107 Resp: 120438
Ion Ratio Lower Upper
107 100
109 95.0 64.9 120.5
188 4.3 3.2 4.8



#51
Chlorobenzene
Concen: 20.844 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion:112 Resp: 546477
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 57.6 45.3 67.9

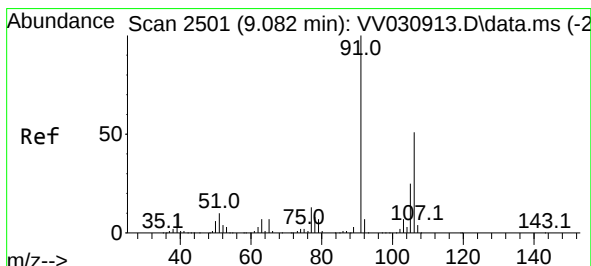
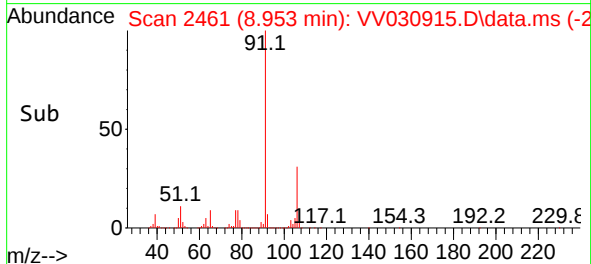
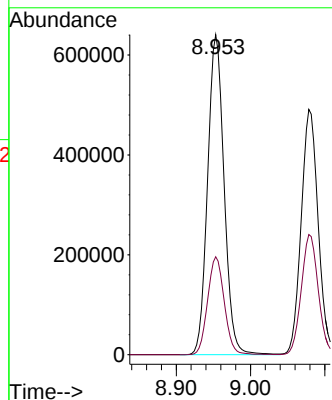
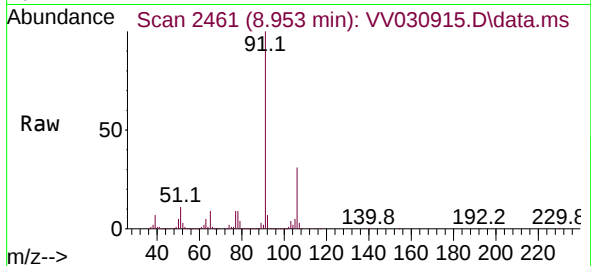




#52
Ethylbenzene
Concen: 23.358 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

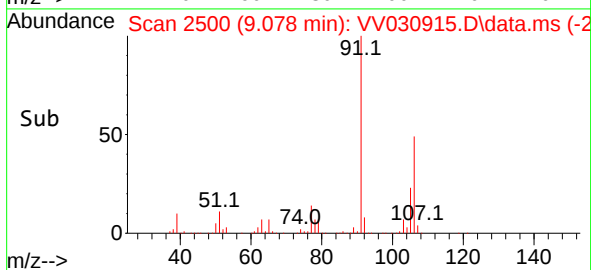
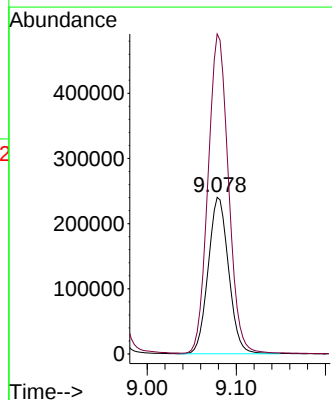
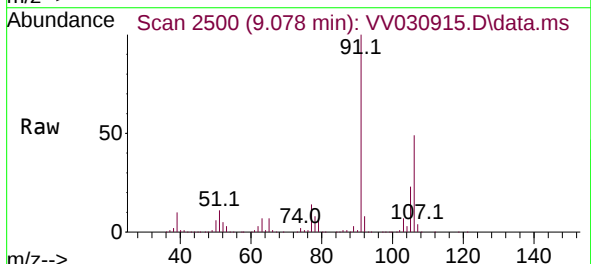
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

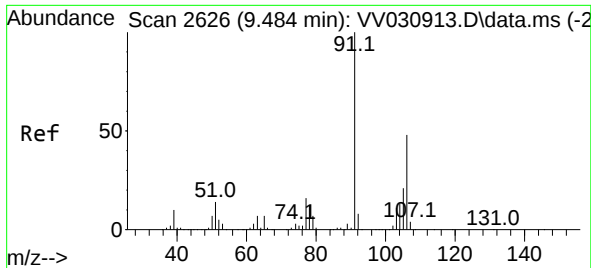
Tgt Ion: 91 Resp: 984798
Ion Ratio Lower Upper
91 100
106 30.6 21.4 39.8



#53
m,p-Xylene
Concen: 22.689 ug/L
RT: 9.078 min Scan# 2500
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 106 Resp: 381738
Ion Ratio Lower Upper
106 100
91 204.2 138.7 257.5

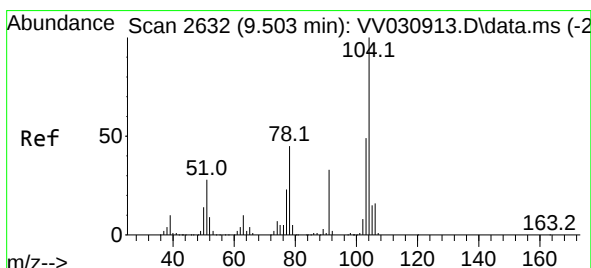
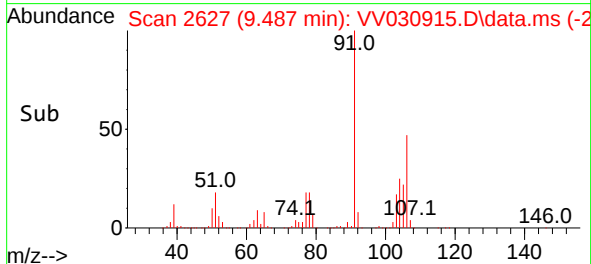
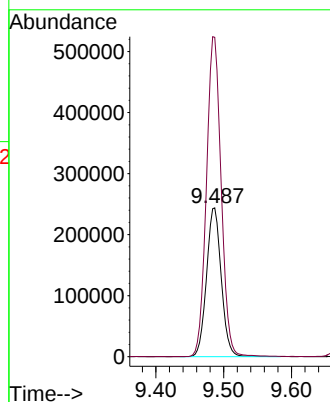
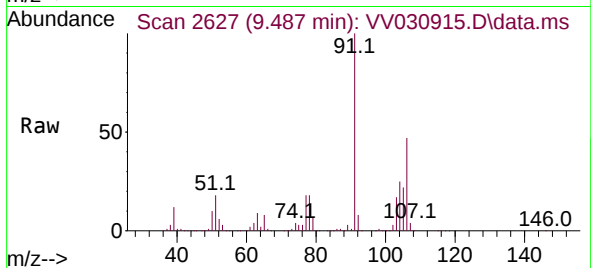




#54
o-Xylene
Concen: 22.953 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

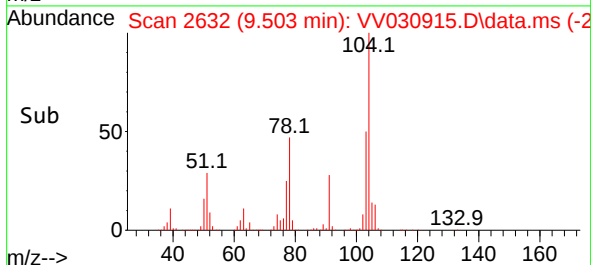
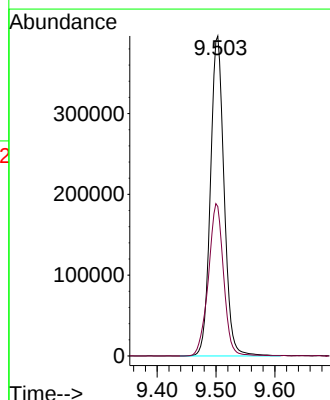
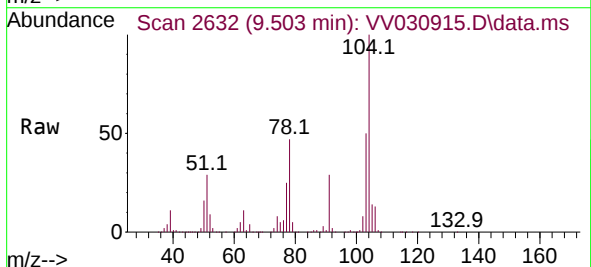
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

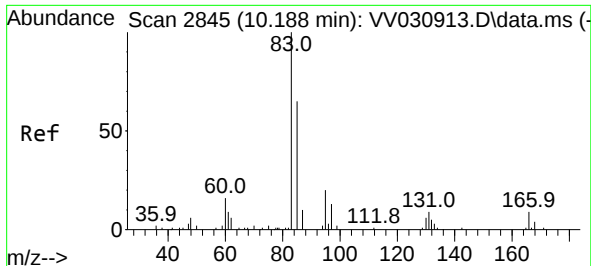
Tgt Ion:106 Resp: 367532
Ion Ratio Lower Upper
106 100
91 214.6 145.1 269.5



#55
Styrene
Concen: 23.679 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion:104 Resp: 639774
Ion Ratio Lower Upper
104 100
78 46.7 31.4 58.2





#57

1,1,2-Tetrachloroethane

Concen: 21.168 ug/L

RT: 10.185 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

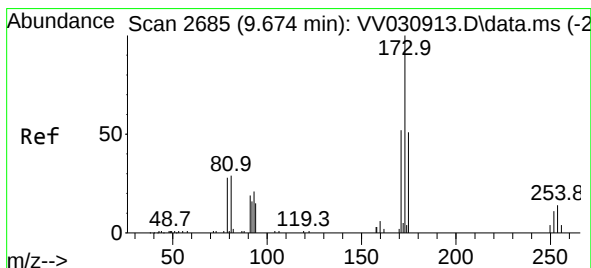
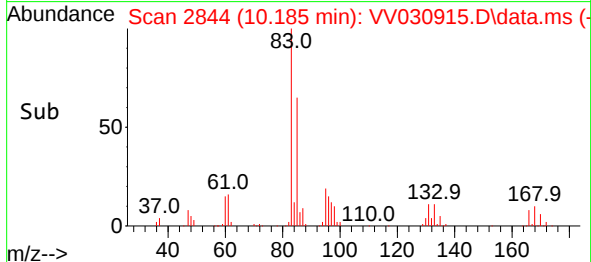
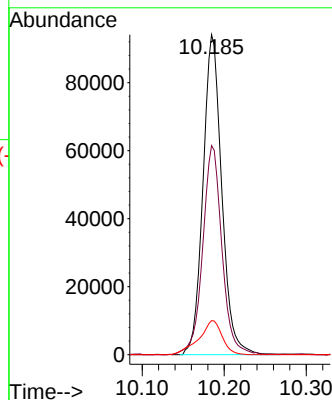
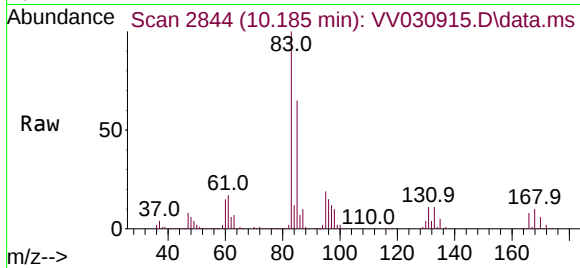
Tgt Ion: 83 Resp: 149577

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0

131 10.7 8.3 12.5



#59

Bromoform

Concen: 19.686 ug/L

RT: 9.673 min Scan# 2685

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

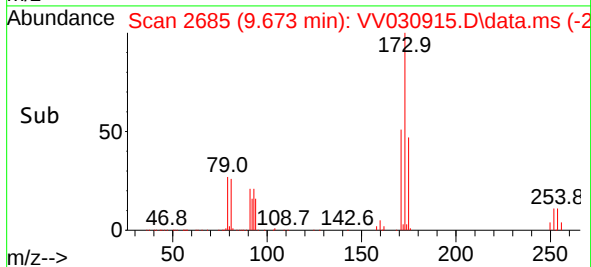
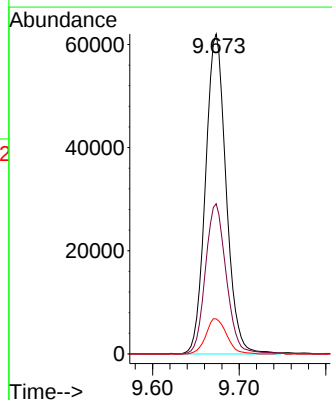
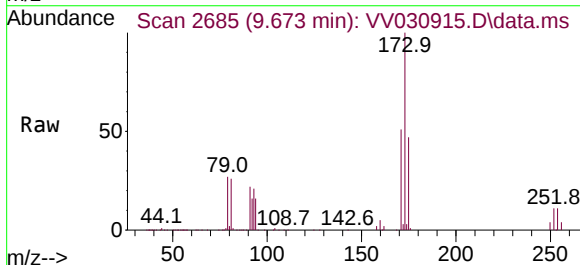
Tgt Ion: 173 Resp: 102413

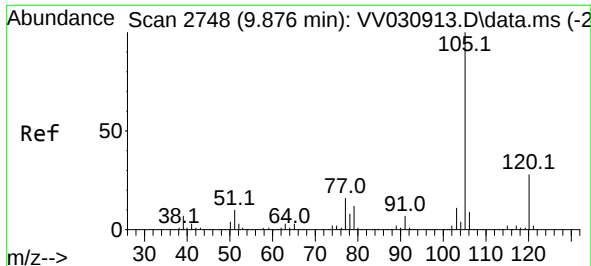
Ion Ratio Lower Upper

173 100

175 47.7 39.9 59.9

254 11.1 9.7 14.5

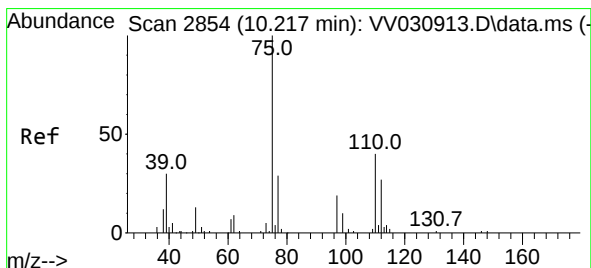
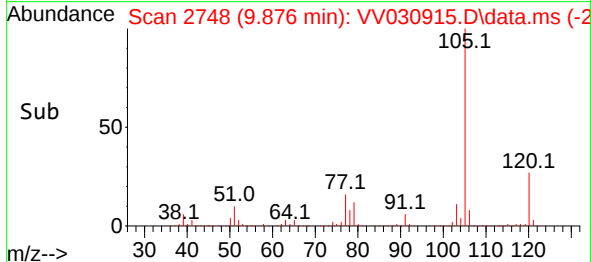
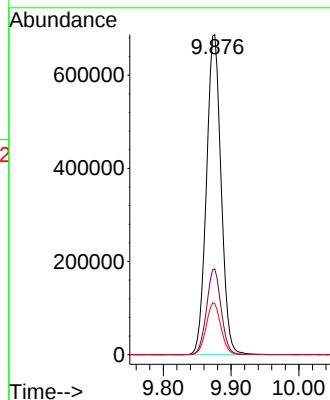
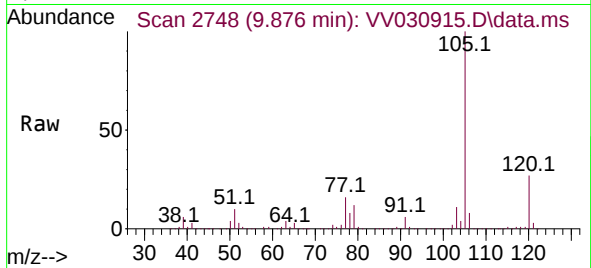




#60
Isopropylbenzene
Concen: 21.626 ug/L
RT: 9.876 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

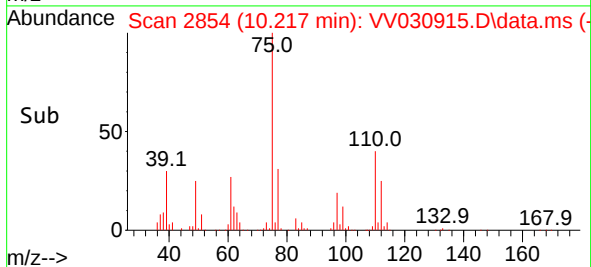
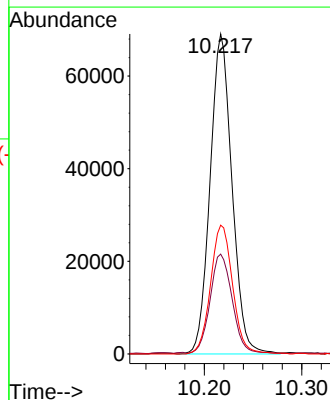
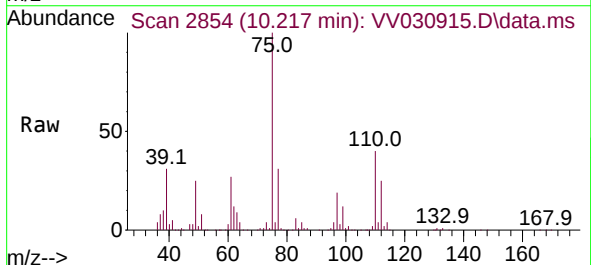
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

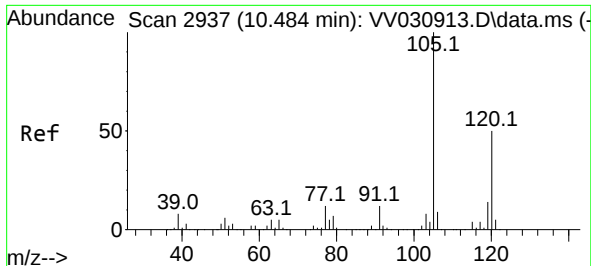
Tgt Ion:105 Resp: 1030532
Ion Ratio Lower Upper
105 100
120 26.7 22.2 33.4
77 16.3 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 19.443 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 75 Resp: 107954
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
110 40.6 34.0 51.0





#62

1,3,5-Trimethylbenzene

Concen: 22.273 ug/L

RT: 10.484 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

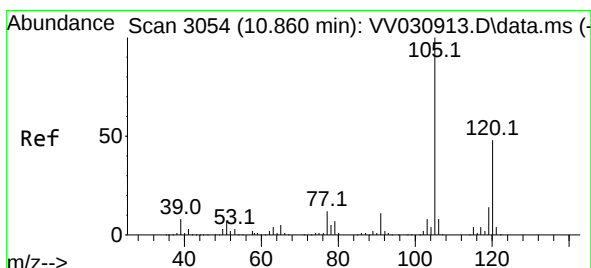
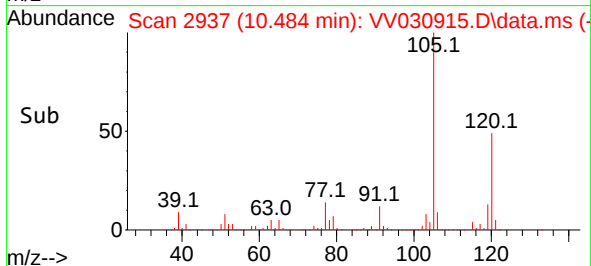
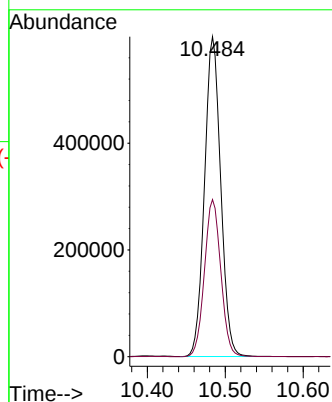
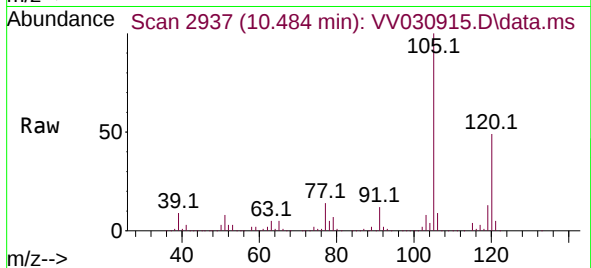
VSTD020237

Tgt Ion:105 Resp: 864052

Ion Ratio Lower Upper

105 100

120 49.6 40.2 60.4



#63

1,2,4-Trimethylbenzene

Concen: 22.720 ug/L

RT: 10.860 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VV030915.D

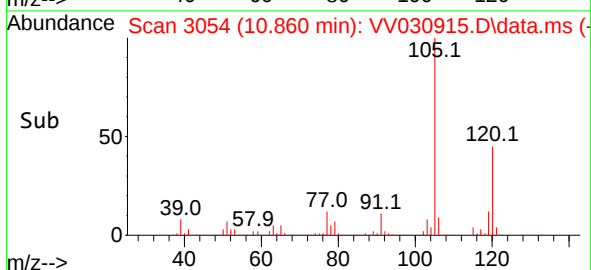
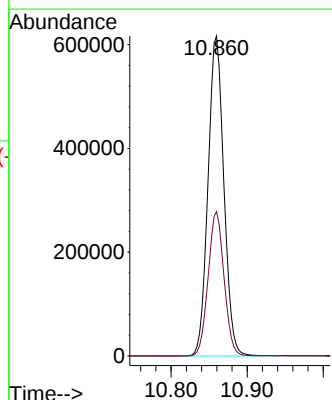
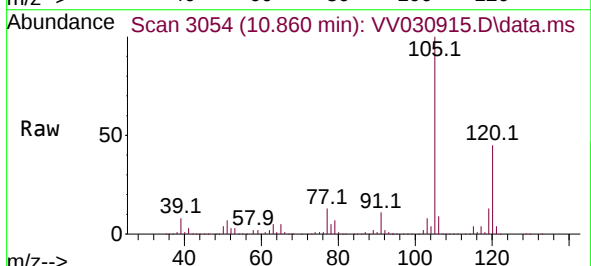
Acq: 28 Apr 2023 12:27

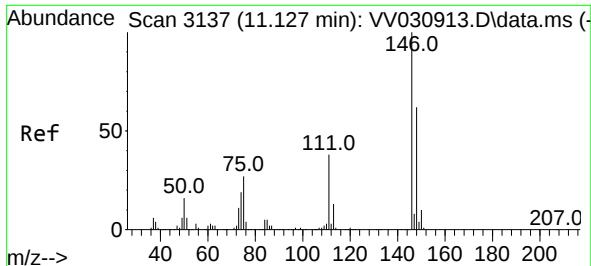
Tgt Ion:105 Resp: 893030

Ion Ratio Lower Upper

105 100

120 45.3 37.9 56.9

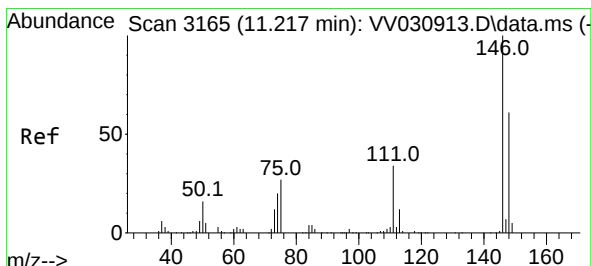
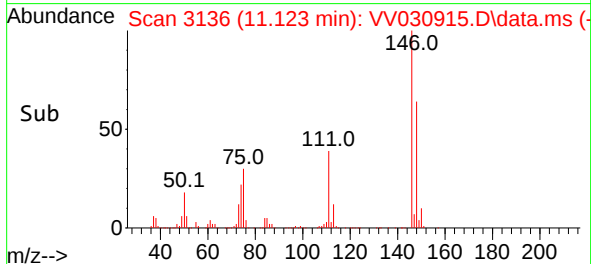
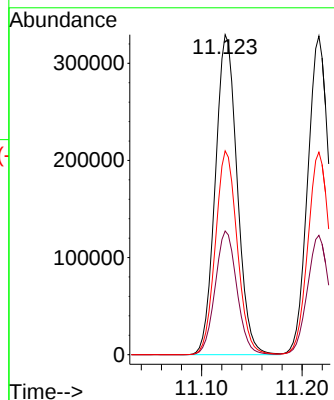
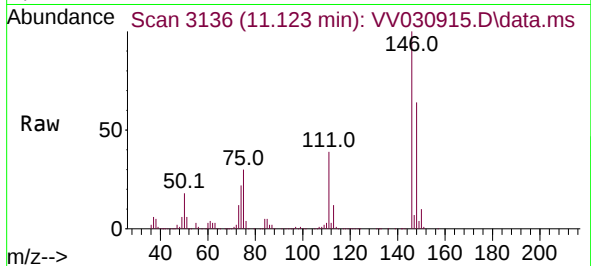




#64
1,3-Dichlorobenzene
Concen: 20.399 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

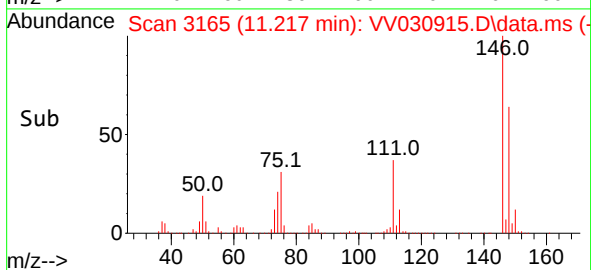
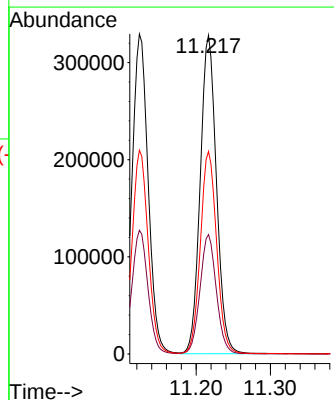
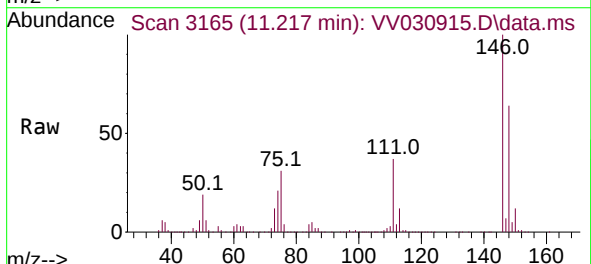
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

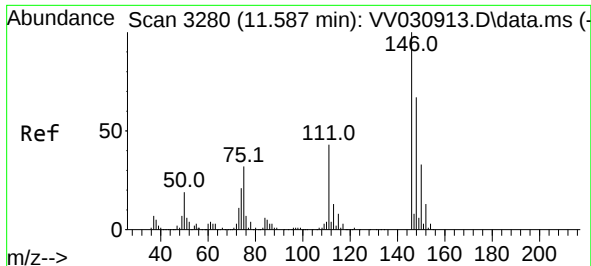
Tgt Ion:146 Resp: 499231
Ion Ratio Lower Upper
146 100
111 38.7 26.5 49.3
148 63.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 20.189 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion:146 Resp: 498459
Ion Ratio Lower Upper
146 100
111 37.5 23.9 44.5
148 63.5 42.8 79.6

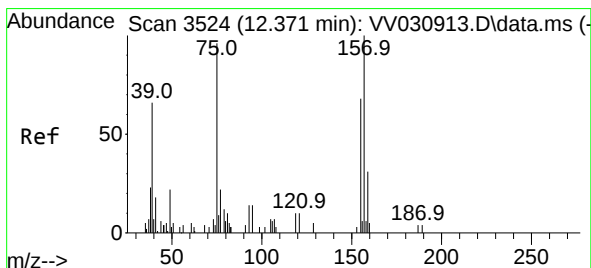
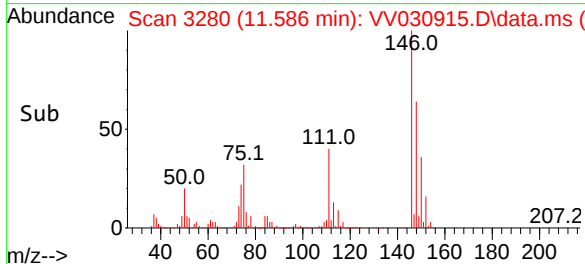
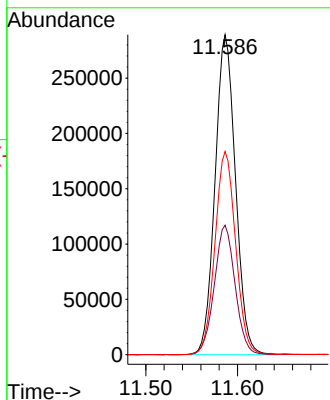
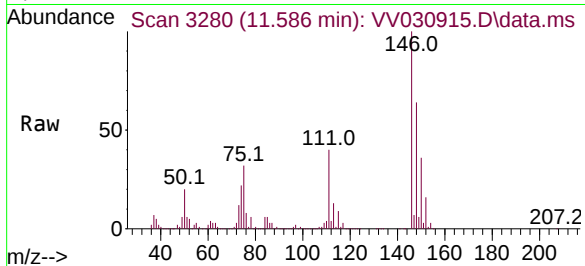




#67
1,2-Dichlorobenzene
Concen: 20.399 ug/L
RT: 11.586 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

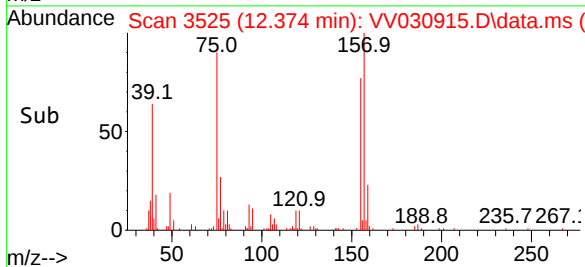
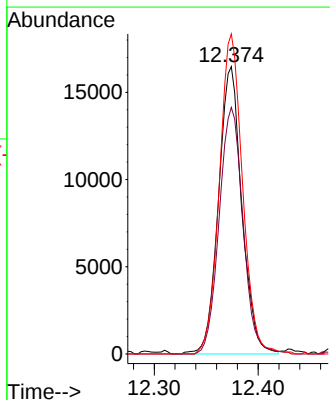
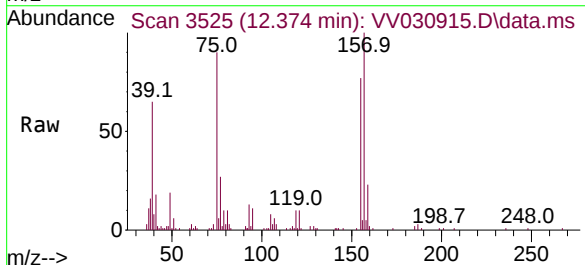
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

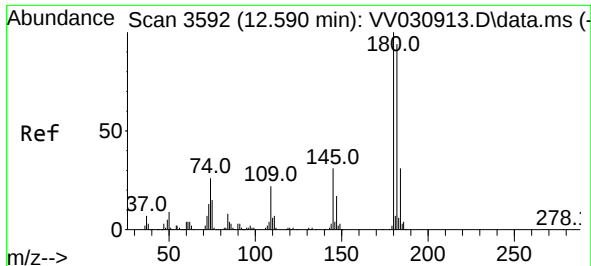
Tgt Ion:146 Resp: 448901
Ion Ratio Lower Upper
146 100
111 40.5 34.0 51.0
148 63.5 53.8 80.6



#68
1,2-Dibromo-3-chloropropane
Concen: 18.184 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. 0.003 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion: 75 Resp: 25630
Ion Ratio Lower Upper
75 100
155 85.8 56.2 84.4#
157 111.4 83.1 124.7

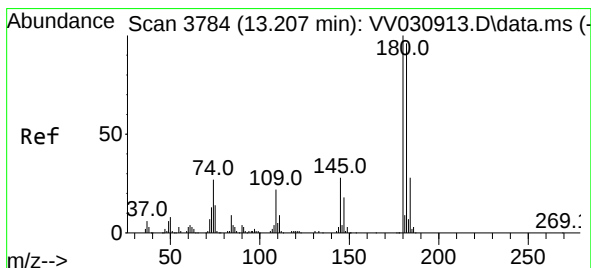
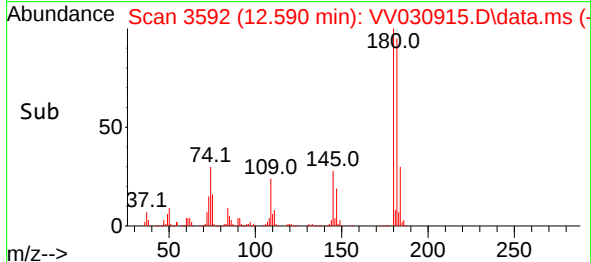
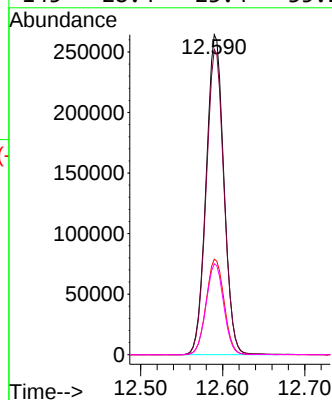
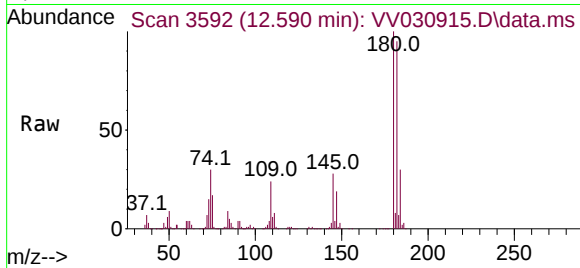




#69
1,3,5-Trichlorobenzene
Concen: 20.458 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

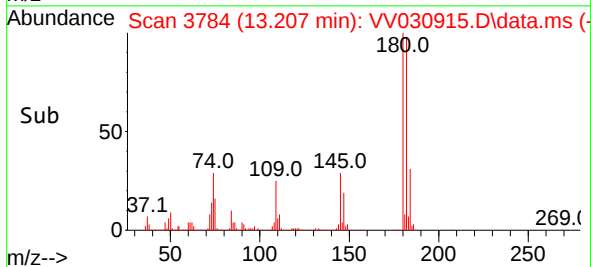
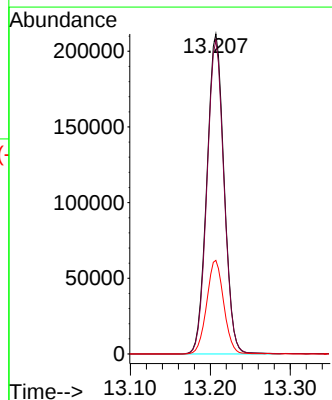
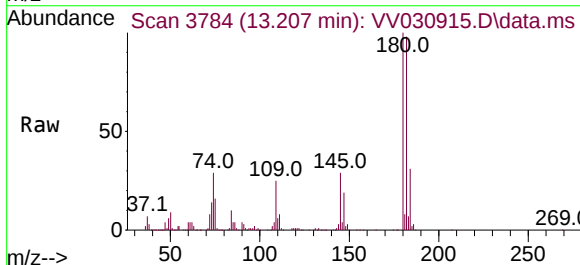
Instrument :
MSVOA_V
ClientSampleId :
VSTD020237

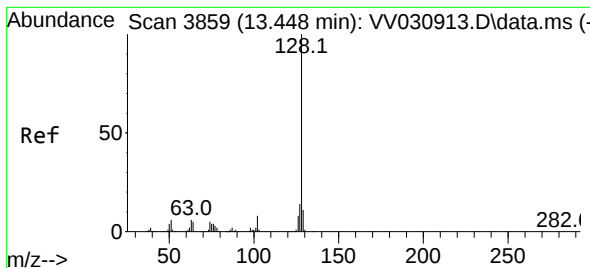
Tgt Ion:180	Resp:	396429	
Ion	Ratio	Lower	Upper
180	100		
182	95.6	75.1	112.7
184	30.2	24.1	36.1
145	28.4	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 21.273 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. -0.000 min
Lab File: VV030915.D
Acq: 28 Apr 2023 12:27

Tgt Ion:180	Resp:	316769	
Ion	Ratio	Lower	Upper
180	100		
182	97.0	76.0	114.0
145	29.0	22.9	34.3





#71

Naphthalene

Concen: 20.486 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Instrument :

MSVOA_V

ClientSampleId :

VSTD020237

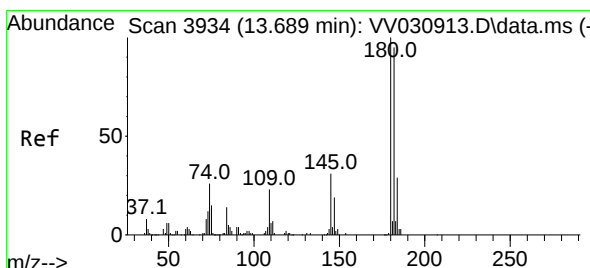
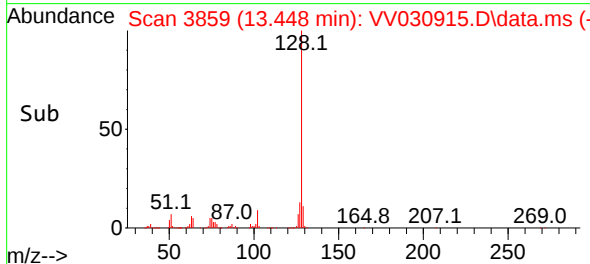
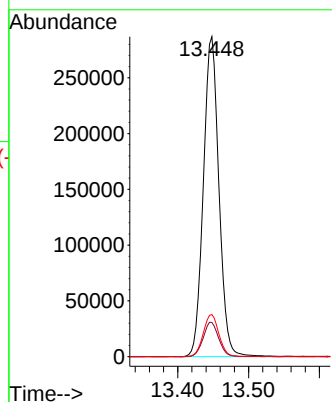
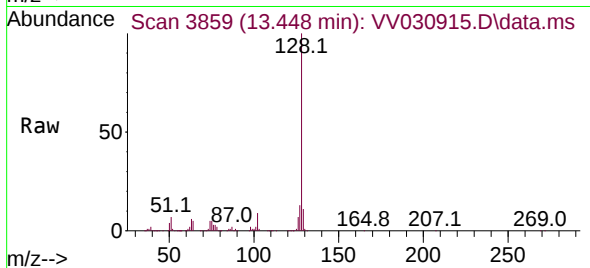
Tgt Ion:128 Resp: 437415

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.3 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 21.556 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. -0.000 min

Lab File: VV030915.D

Acq: 28 Apr 2023 12:27

Tgt Ion:180 Resp: 271712

Ion Ratio Lower Upper

180 100

182 96.1 77.3 115.9

145 30.9 24.7 37.1

