

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076571.D
 Acq On : 23 Jun 2023 21:33
 Operator : KP/SY
 Sample : 03361-23
 Misc : 13.44G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-SB-7-GRAB-5

Quant Time: Jun 24 01:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	83489	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	159075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	117429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	33108	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58604	70.060	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	140.120%	
35) Dibromofluoromethane	7.804	113	51584	54.585	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	109.180%	
50) Toluene-d8	10.269	98	180834	50.457	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	100.920%	
62) 4-Bromofluorobenzene	12.569	95	39710	34.140	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	68.280%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.075	59	80	1.108	ug/l	# 73
13) Acrolein	3.634	56	92	1.183	ug/l	# 15
15) Acrylonitrile	5.328	53	1087	4.637	ug/l	# 40
16) Acetone	4.022	43	17005	85.430	ug/l	# 82
20) Methylene Chloride	4.799	84	3405	Below Cal	#	74
25) 2-Butanone	7.081	43	4513	14.659	ug/l	# 64
28) Bromochloromethane	7.346	49	149	Below Cal	#	1
29) Tetrahydrofuran	7.440	42	1879	9.497	ug/l	# 62
31) Cyclohexane	7.851	56	38001	28.743	ug/l	# 36
36) 1,1-Dichloropropene	7.869	75	6751	5.101	ug/l	# 48
37) Ethyl Acetate	7.081	43	4513	5.885	ug/l	# 62
38) Carbon Tetrachloride	7.869	117	7948	6.720	ug/l	# 15
39) Methylcyclohexane	9.269	83	95288	61.357	ug/l	92
41) Methacrylonitrile	7.446	41	872	2.014	ug/l	# 14
43) Isopropyl Acetate	8.351	43	14181	9.768	ug/l	# 43
45) 1,2-Dichloropropane	9.275	63	1764	1.612	ug/l	# 1
47) Bromodichloromethane	9.569	83	7177	5.117	ug/l	# 25
48) Methyl methacrylate	9.328	41	19751	29.682	ug/l	# 25
51) 4-Methyl-2-Pentanone	10.198	43	6057	8.162	ug/l	# 86
52) Toluene	10.334	92	68078	26.882	ug/l	97
55) 1,1,2-Trichloroethane	10.710	97	53823	65.644	ug/l	# 22
56) Ethyl methacrylate	10.610	69	2439	2.278	ug/l	# 1
59) 2-Hexanone	10.892	43	40676	78.795	ug/l	# 21
60) Dibromochloromethane	10.810	129	6901	7.232	ug/l	# 12
64) Tetrachloroethene	10.810	164	8116	11.514	ug/l	95
67) Ethyl Benzene	11.686	91	329176	83.273	ug/l	98
68) m/p-Xylenes	11.792	106	938131	607.956	ug/l	90
69) o-Xylene	12.122	106	479854	326.679	ug/l	90
70) Styrene	12.128	104	49556	19.530	ug/l	# 1
73) Isopropylbenzene	12.422	105	119070	53.417	ug/l	100
74) N-amyl acetate	12.210	43	26935	41.275	ug/l	# 53
75) 1,1,2,2-Tetrachloroethane	12.657	83	1804	3.922	ug/l	# 28
76) 1,2,3-Trichloropropane	12.769	75	2933	8.926	ug/l	# 100
78) n-propylbenzene	12.763	91	425612	154.636	ug/l	96
79) 2-Chlorotoluene	12.828	91	424518	280.878	ug/l	# 37
80) 1,3,5-Trimethylbenzene	12.904	105	1577821	866.754	ug/l	96

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

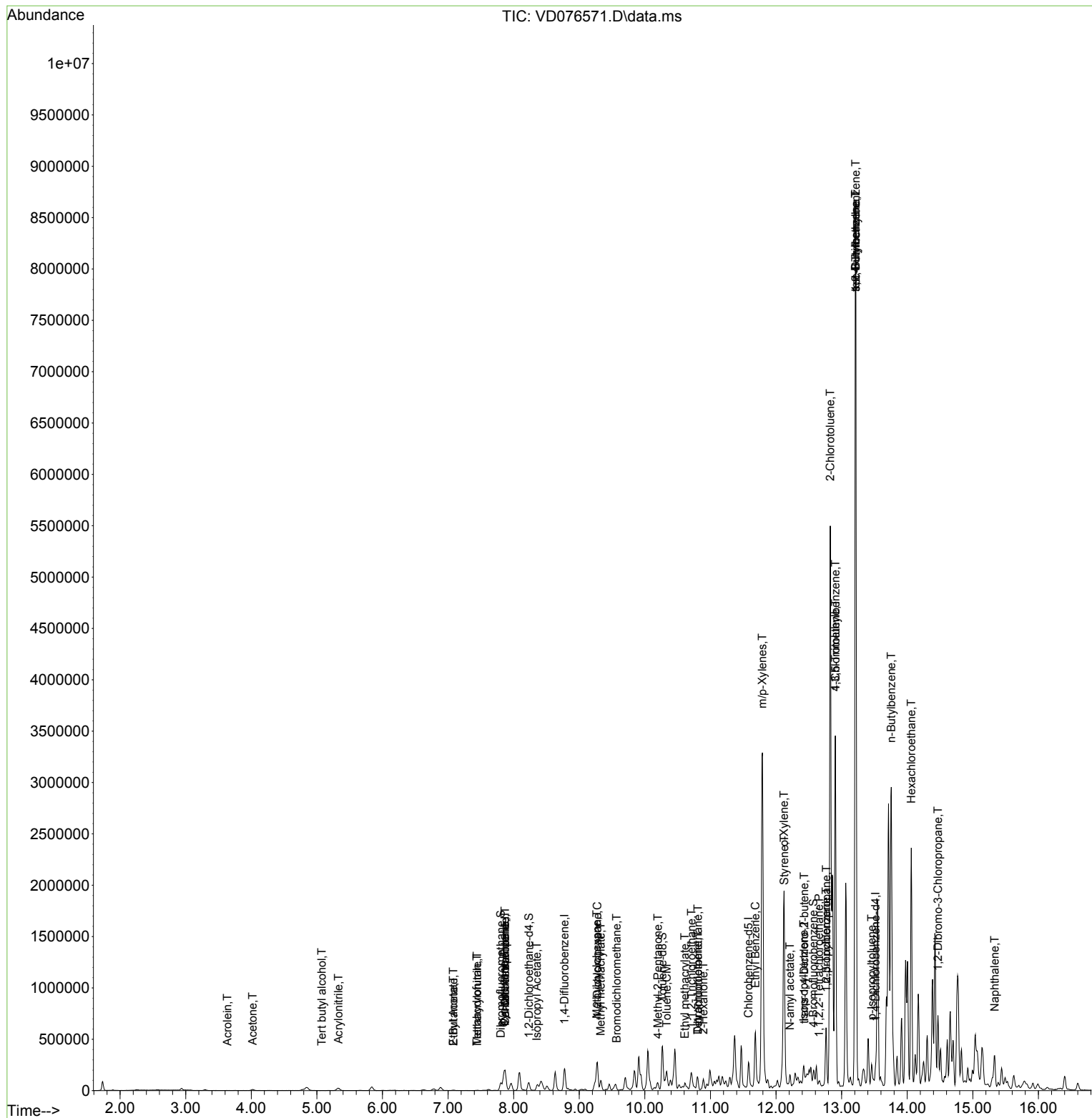
81) trans-1,4-Dichloro-2-b...	12.428	75	1512	10.083	ug/l #	56
82) 4-Chlorotoluene	12.904	91	173781	110.715	ug/l #	36
83) tert-Butylbenzene	13.210	119	553862	342.421	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.216	105	4449715	2425.616	ug/l	97
85) sec-Butylbenzene	13.216	105	4449715	1853.797	ug/l #	54
86) p-Isopropyltoluene	13.457	119	71931	35.864	ug/l	96
89) n-Butylbenzene	13.757	91	179417	91.714	ug/l #	1
90) Hexachloroethane	14.063	117	112869	304.949	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.469	75	2483	35.863	ug/l #	1
95) Naphthalene	15.333	128	217429	172.840	ug/l	98

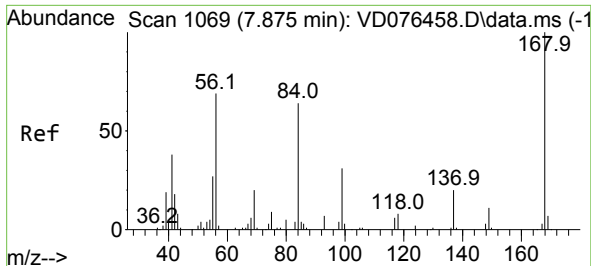
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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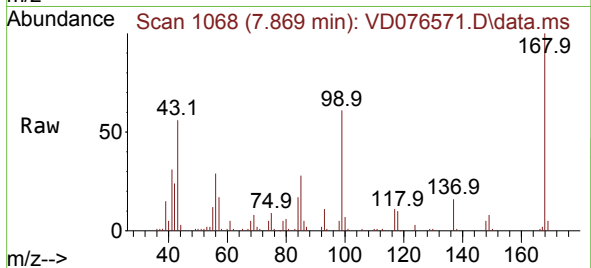
Quant Time: Jun 24 01:01:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
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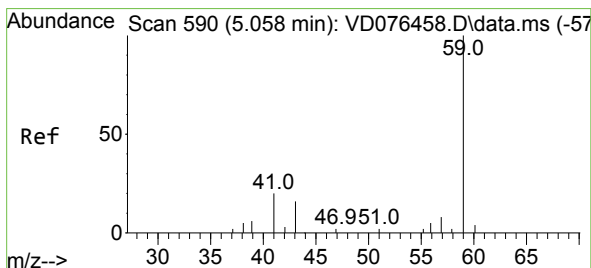
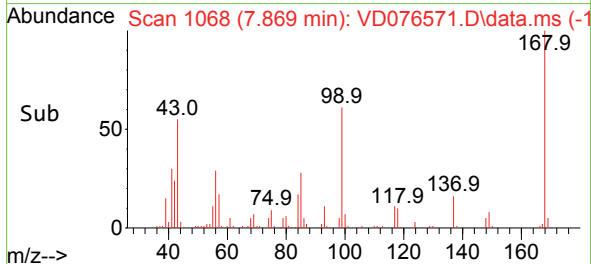
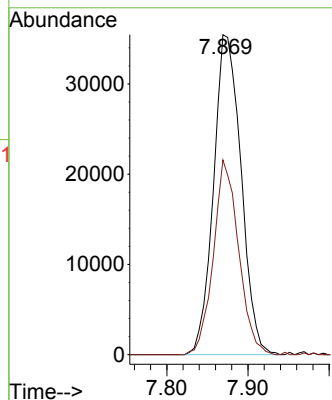


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

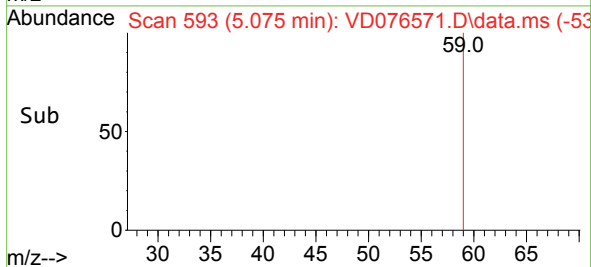
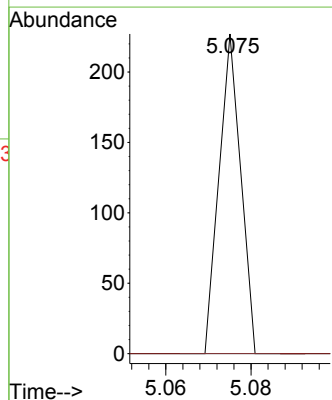
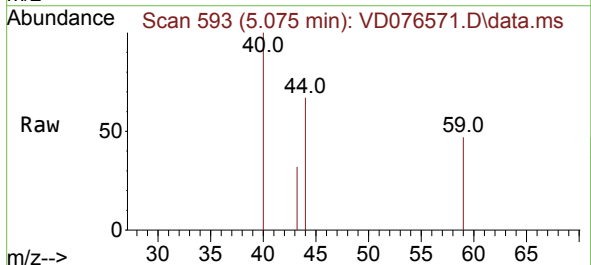


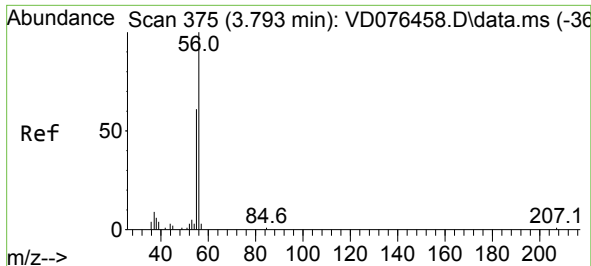
Tgt Ion:168 Resp: 83489
Ion Ratio Lower Upper
168 100
99 60.8 36.7 55.1#



#11
Tert butyl alcohol
Concen: 1.108 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.017 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

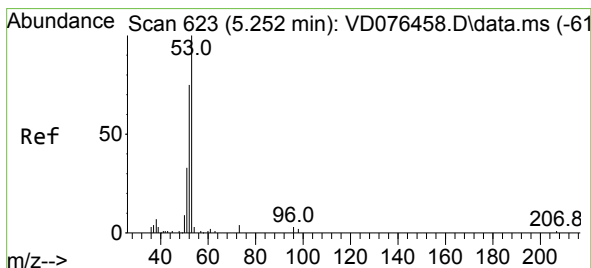
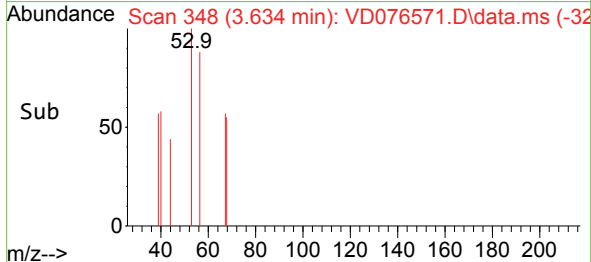
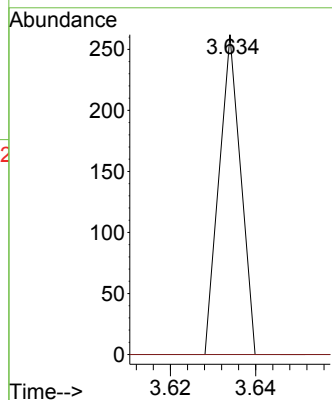
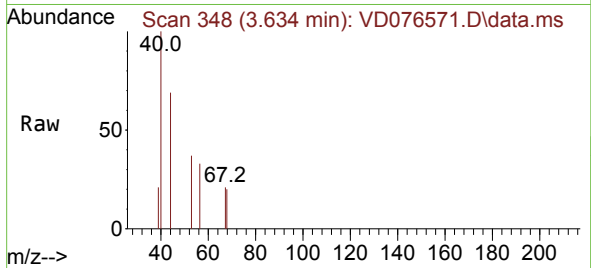




#13
Acrolein
Concen: 1.183 ug/l
RT: 3.634 min Scan# 34
Delta R.T. -0.159 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

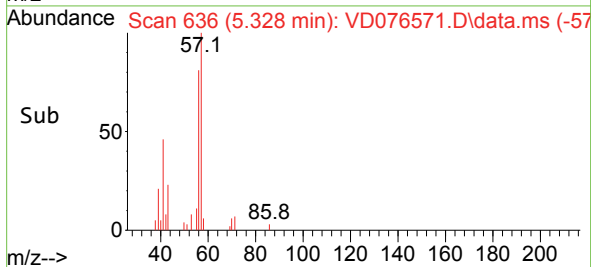
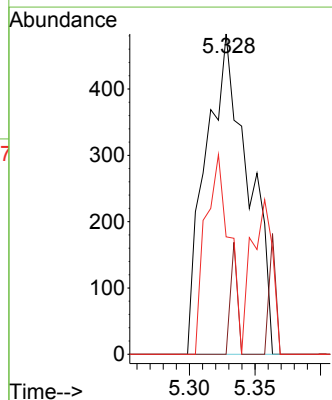
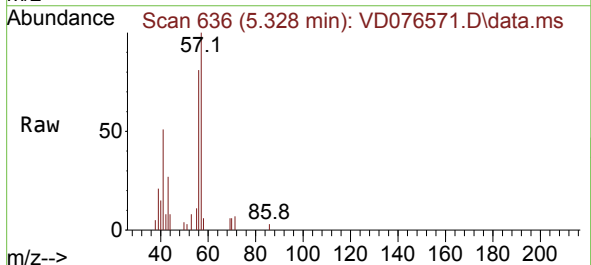
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

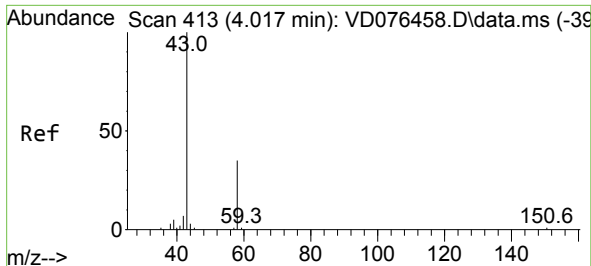
Tgt Ion: 56 Resp: 92
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#



#15
Acrylonitrile
Concen: 4.637 ug/l
RT: 5.328 min Scan# 636
Delta R.T. 0.076 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 53 Resp: 1087
Ion Ratio Lower Upper
53 100
52 5.5 65.0 97.4#
51 34.9 28.3 42.5





#16

Acetone

Concen: 85.430 ug/l

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

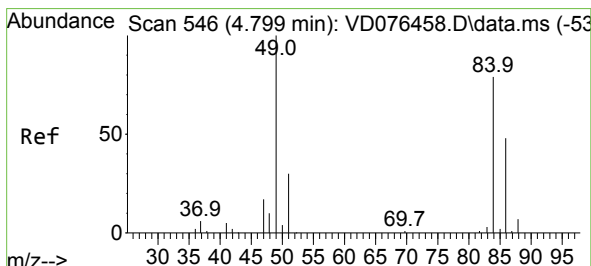
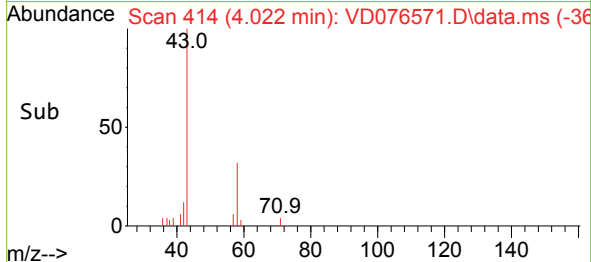
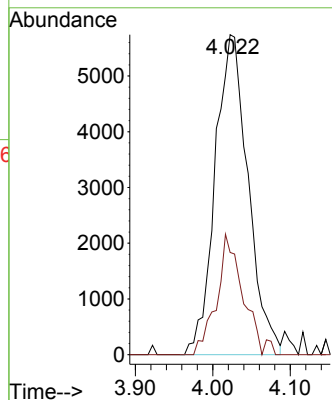
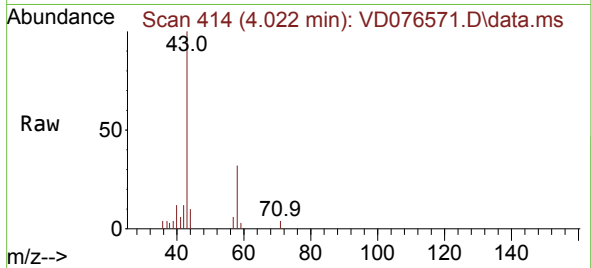
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 43 Resp: 17005

Ion Ratio Lower Upper

43 100

58 32.0 34.7 52.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Tgt Ion: 84 Resp: 3405

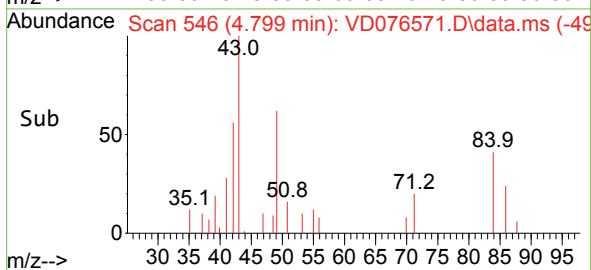
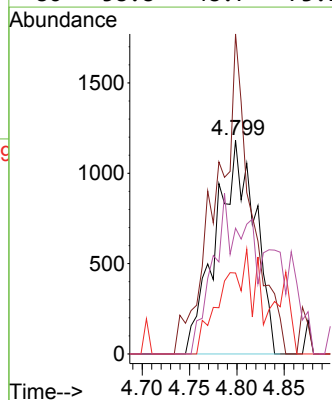
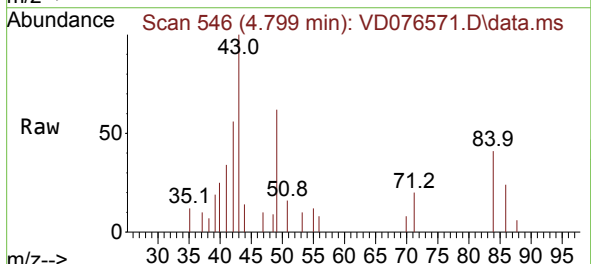
Ion Ratio Lower Upper

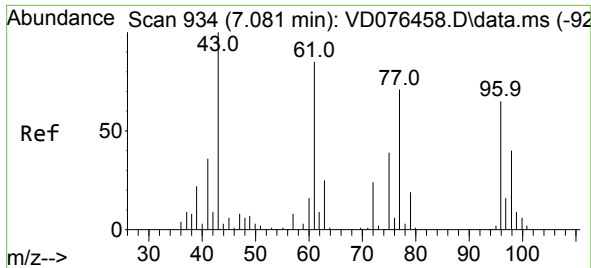
84 100

49 133.0 71.4 107.2#

51 37.9 24.5 36.7#

86 58.8 48.7 73.1

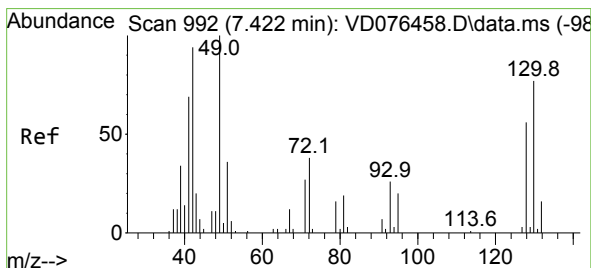
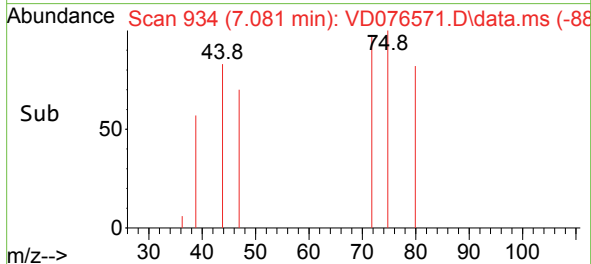
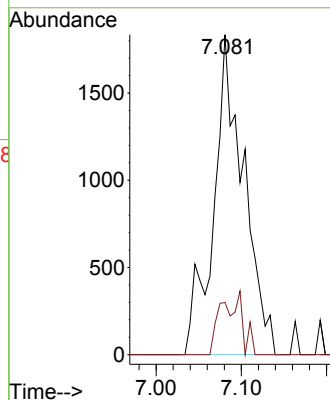
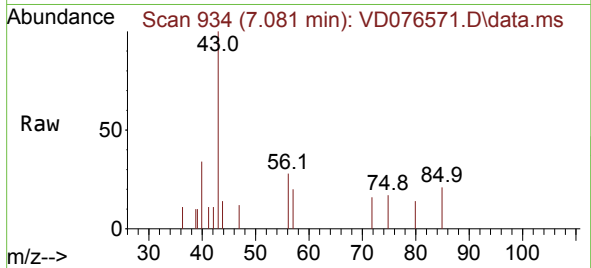




#25
2-Butanone
Concen: 14.659 ug/l
RT: 7.081 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

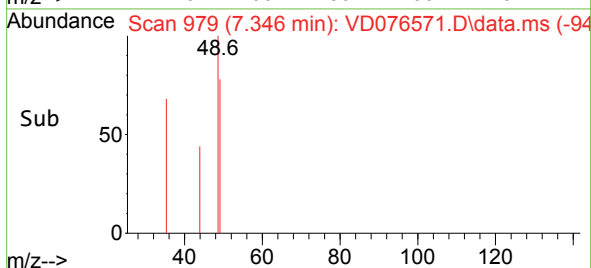
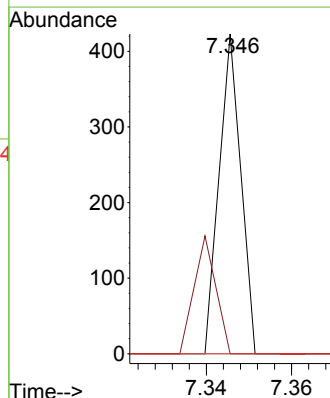
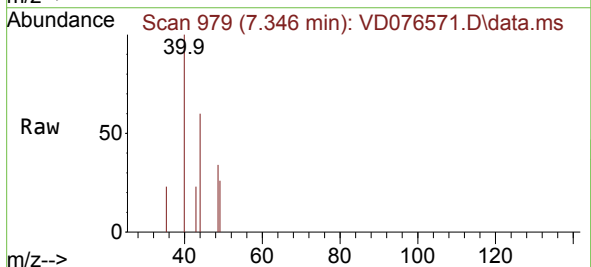
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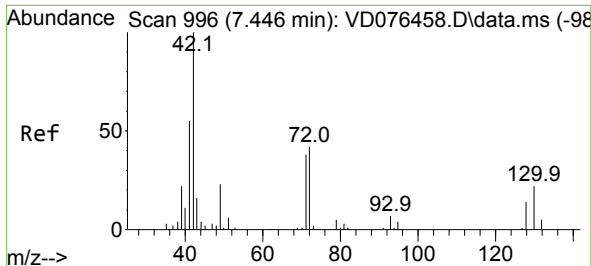
Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
72 16.3 30.7 46.1#



#28
Bromochloromethane
Concen: Below Cal
RT: 7.346 min Scan# 979
Delta R.T. -0.076 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 49 Resp: 149
Ion Ratio Lower Upper
49 100
129 36.9 0.0 6.0#
130 0.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 9.497 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5

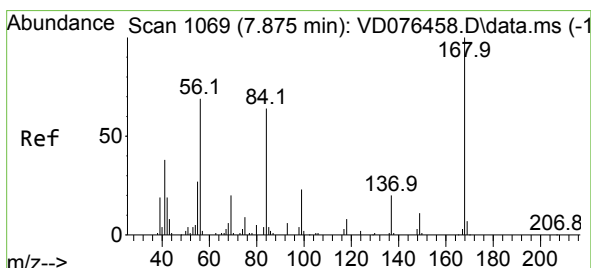
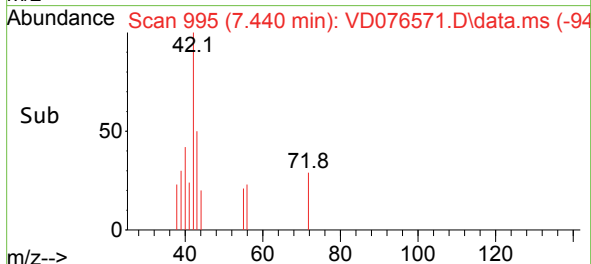
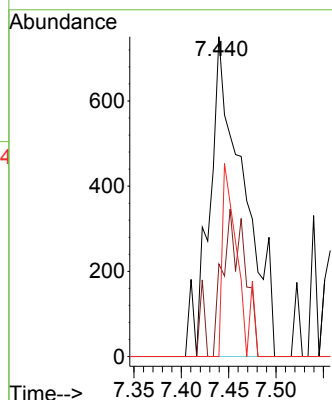
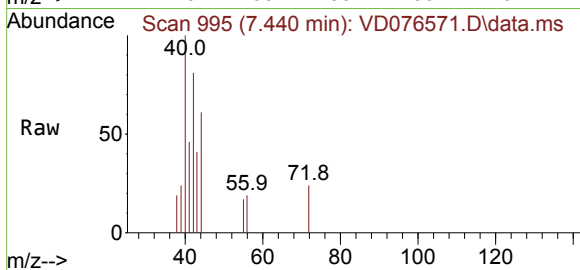
Tgt Ion: 42 Resp: 1879

Ion Ratio Lower Upper

42 100

72 30.1 46.5 69.7#

71 27.0 44.5 66.7#



#31

Cyclohexane

Concen: 28.743 ug/l

RT: 7.851 min Scan# 1065

Delta R.T. -0.024 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

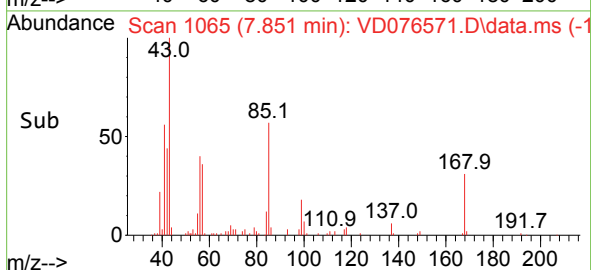
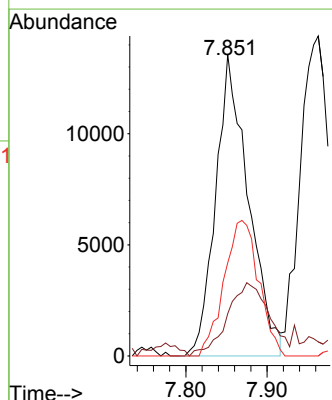
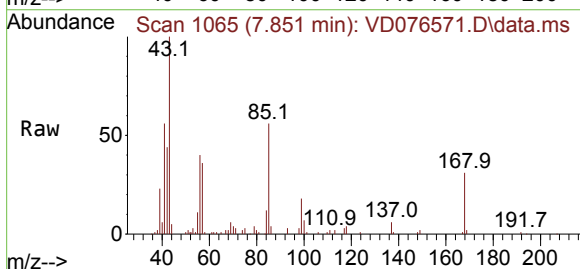
Tgt Ion: 56 Resp: 38001

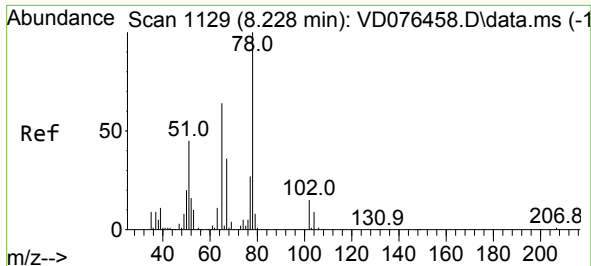
Ion Ratio Lower Upper

56 100

69 12.1 28.6 43.0#

84 30.9 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 70.060 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

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ClientSampleId :

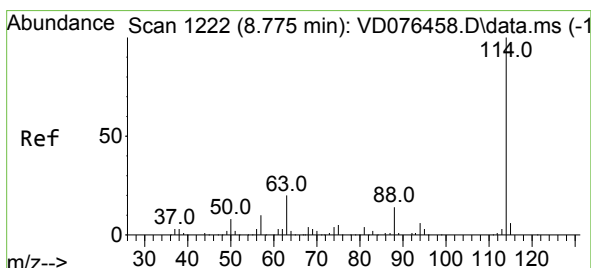
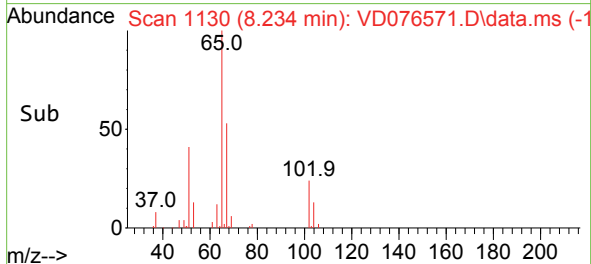
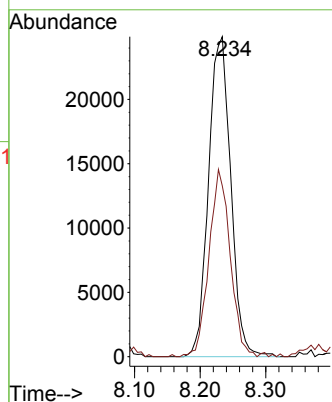
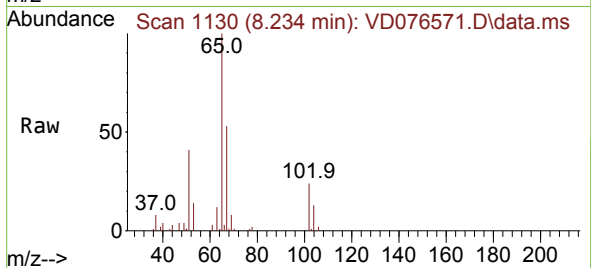
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 65 Resp: 58604

Ion Ratio Lower Upper

65 100

67 55.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

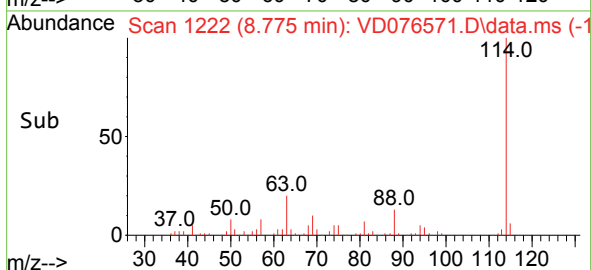
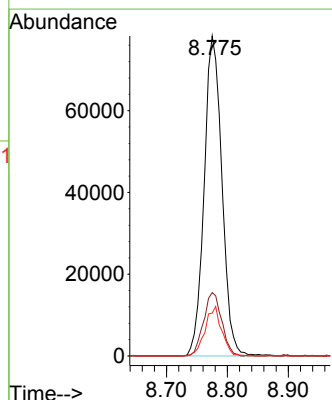
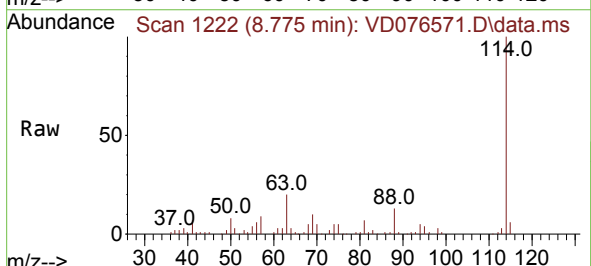
Tgt Ion: 114 Resp: 159075

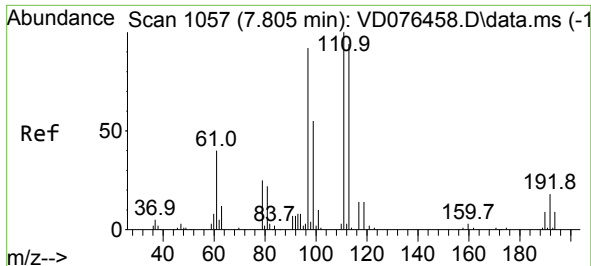
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 13.4 0.0 26.2

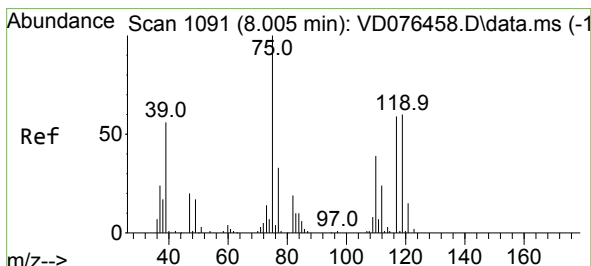
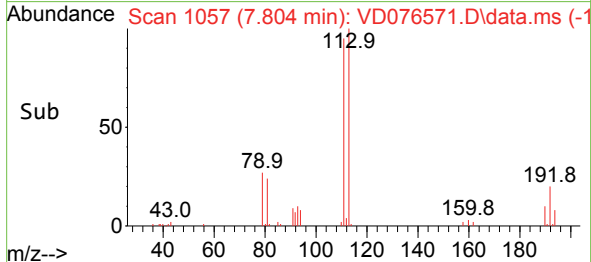
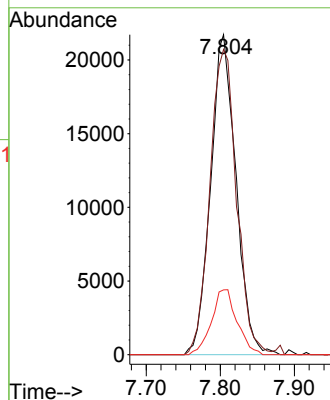
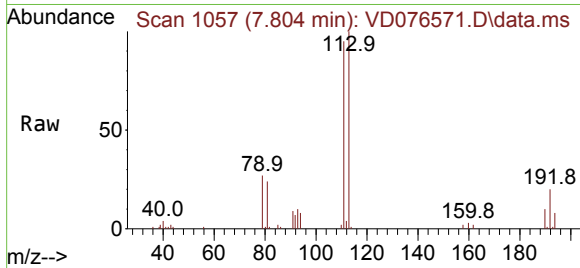




#35
Dibromofluoromethane
Concen: 54.585 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

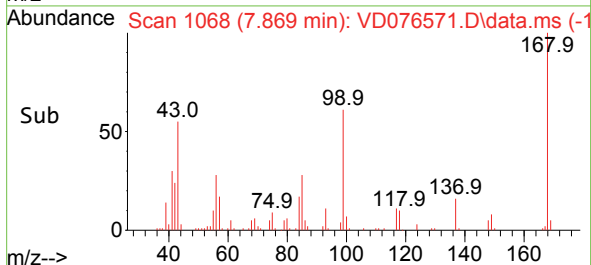
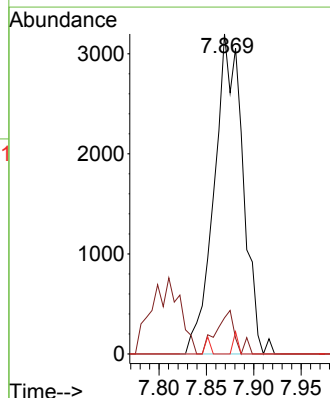
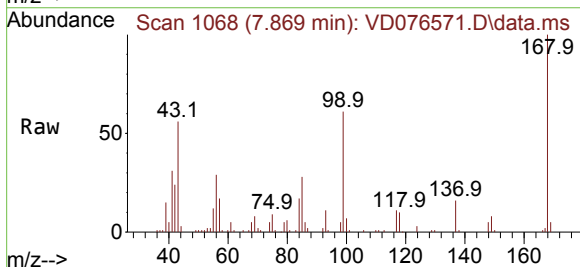
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

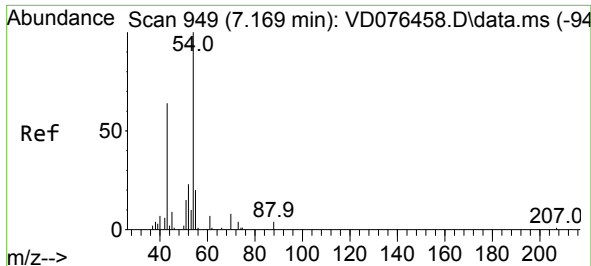
Tgt Ion:113 Resp: 51584
Ion Ratio Lower Upper
113 100
111 100.3 84.7 127.1
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.101 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 75 Resp: 6751
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 1.2 24.7 37.1#

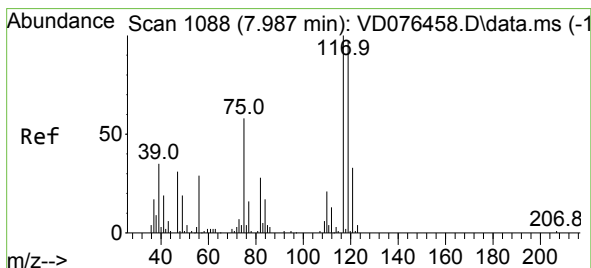
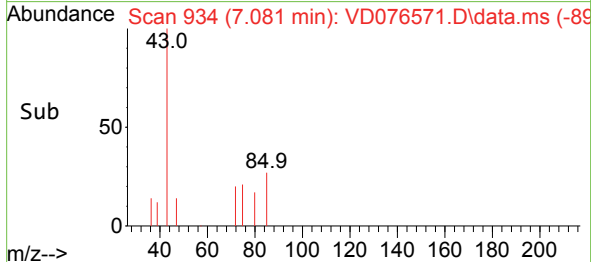
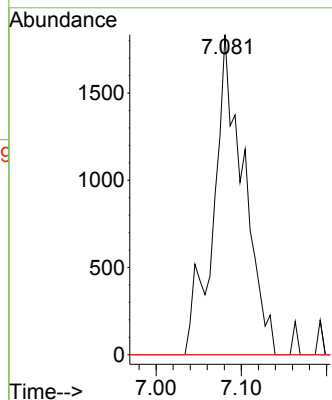
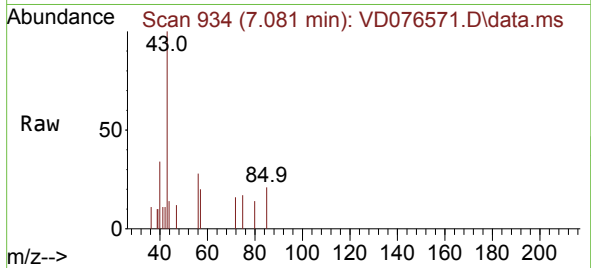




#37
Ethyl Acetate
Concen: 5.885 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

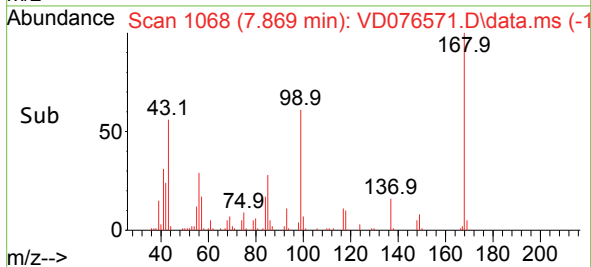
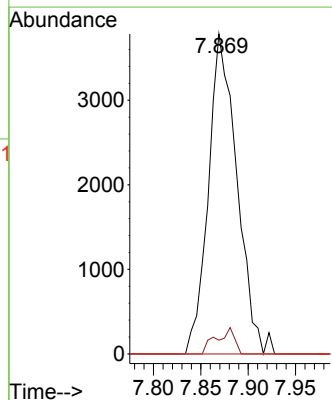
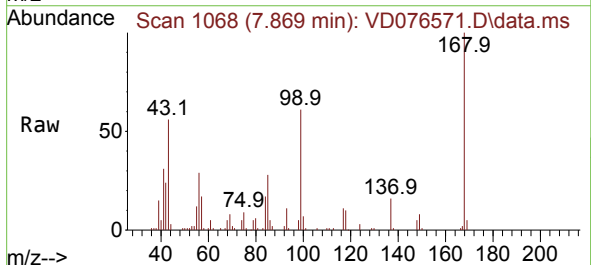
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

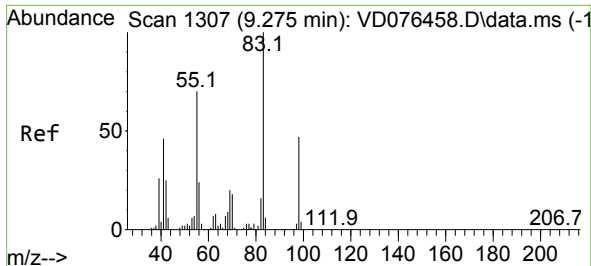
Tgt Ion: 43 Resp: 4513
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3#
70 0.0 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 6.720 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 117 Resp: 7948
Ion Ratio Lower Upper
117 100
119 4.3 78.0 117.0#
121 0.0 24.2 36.2#

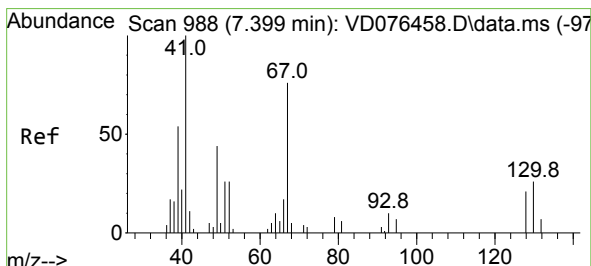
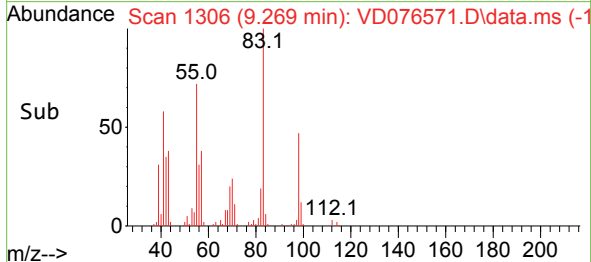
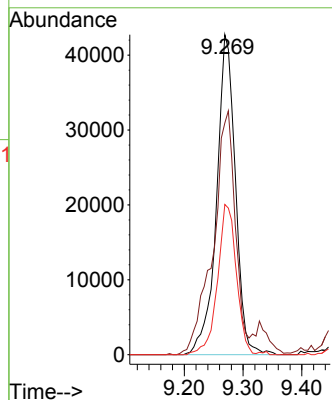
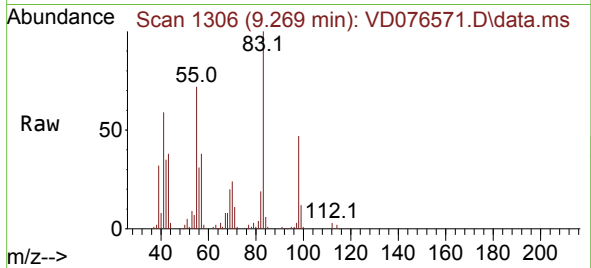




#39
Methylcyclohexane
Concen: 61.357 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

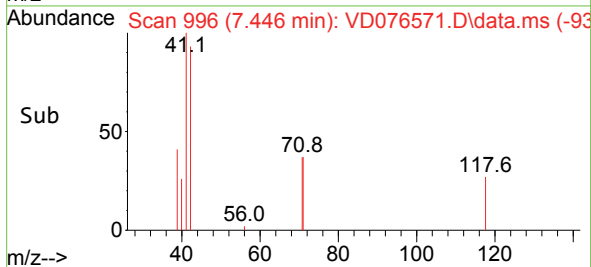
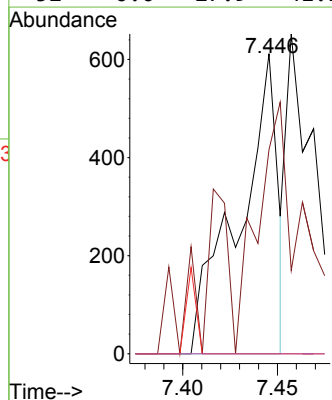
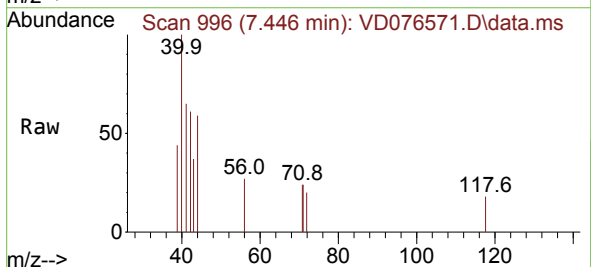
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

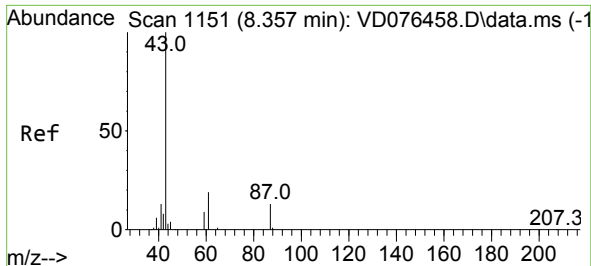
Tgt Ion: 83 Resp: 95288
Ion Ratio Lower Upper
83 100
55 72.0 49.4 74.0
98 46.9 38.4 57.6



#41
Methacrylonitrile
Concen: 2.014 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.047 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 41 Resp: 872
Ion Ratio Lower Upper
41 100
39 92.2 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#

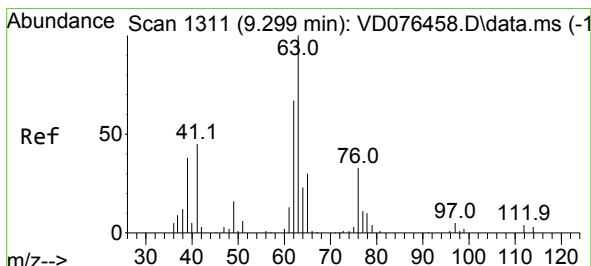
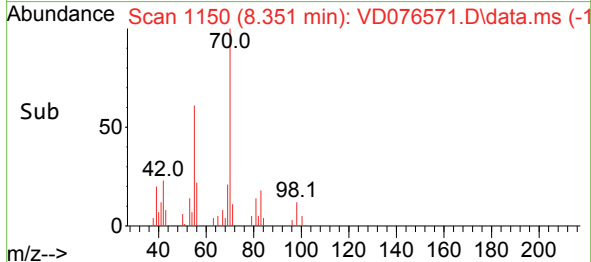
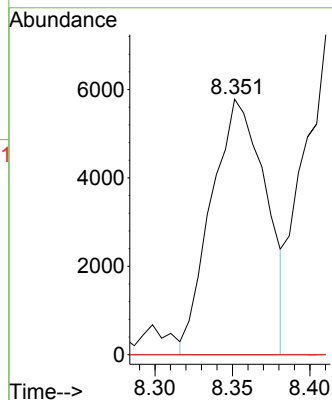
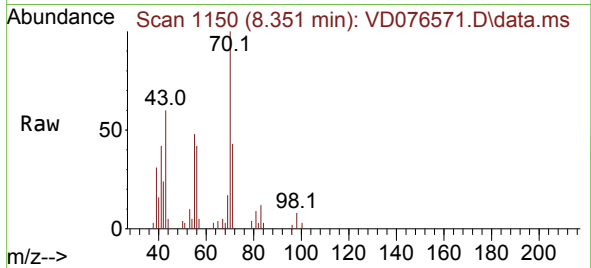




#43
Isopropyl Acetate
Concen: 9.768 ug/l
RT: 8.351 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

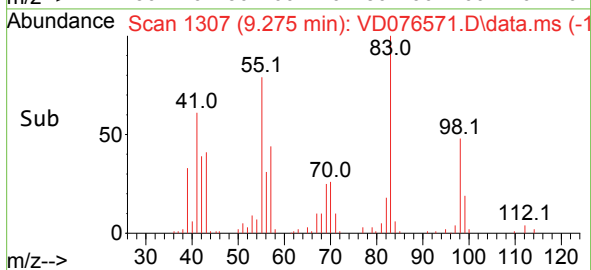
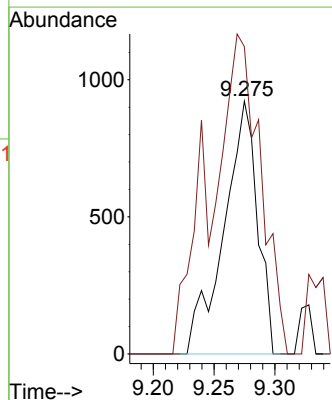
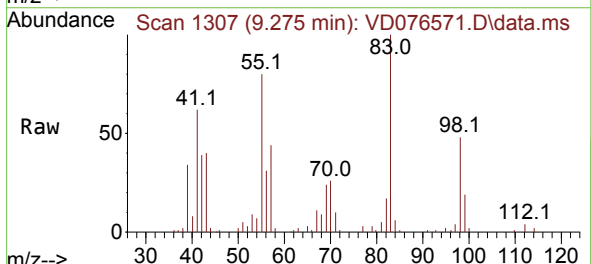
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

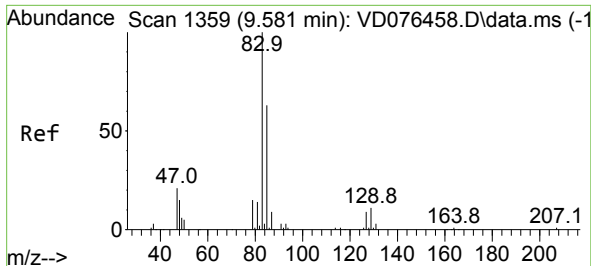
Tgt Ion: 43 Resp: 14181
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0#
87 0.0 14.9 22.3#



#45
1,2-Dichloropropane
Concen: 1.612 ug/l
RT: 9.275 min Scan# 1307
Delta R.T. -0.024 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 63 Resp: 1764
Ion Ratio Lower Upper
63 100
65 102.7 24.5 36.7#

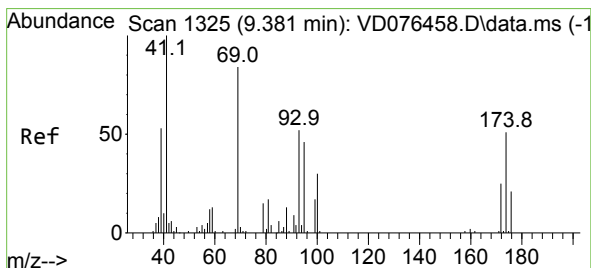
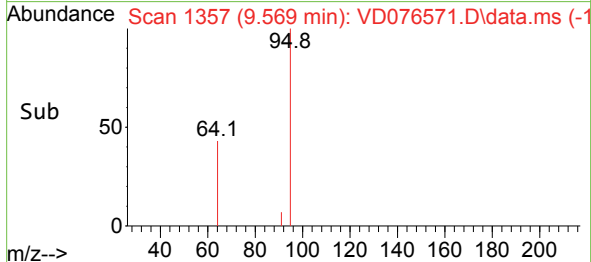
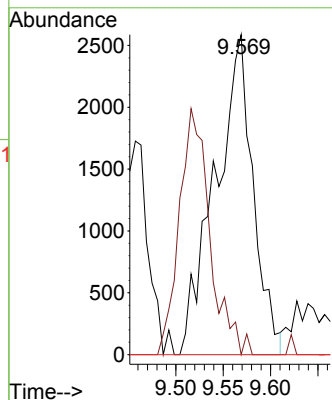
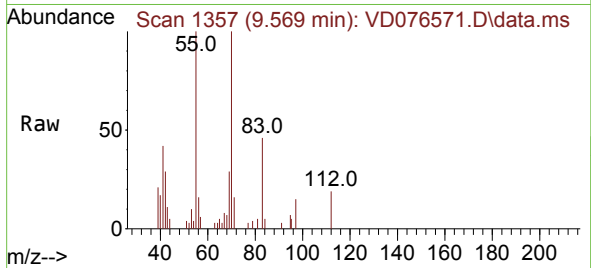




#47
Bromodichloromethane
Concen: 5.117 ug/l
RT: 9.569 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

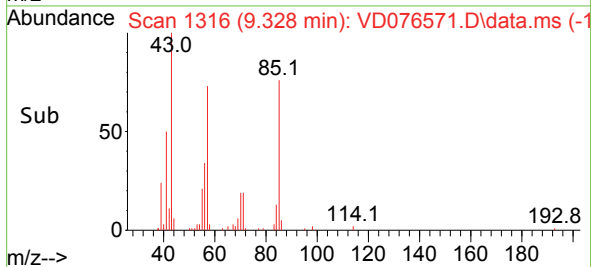
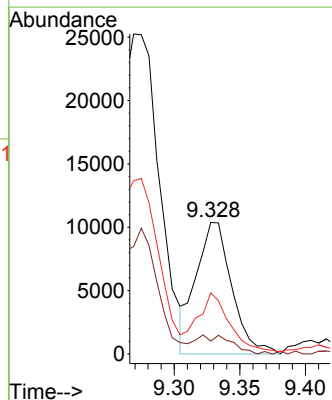
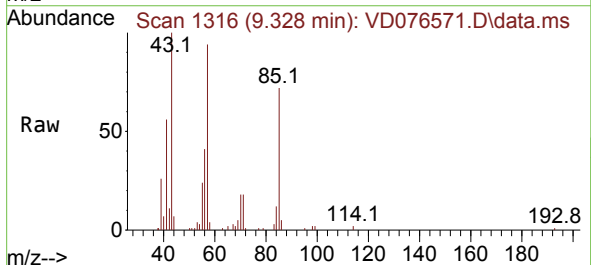
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

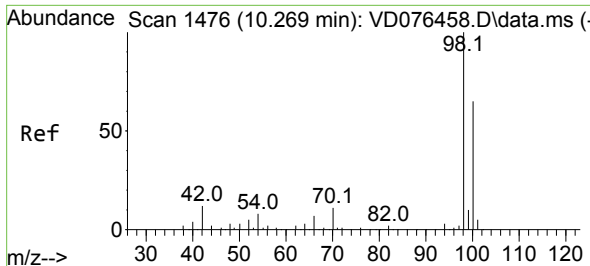
Tgt Ion: 83 Resp: 7177
Ion Ratio Lower Upper
83 100
85 0.0 50.2 75.4#
127 0.0 6.3 9.5#



#48
Methyl methacrylate
Concen: 29.682 ug/l
RT: 9.328 min Scan# 1316
Delta R.T. -0.053 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 41 Resp: 19751
Ion Ratio Lower Upper
41 100
69 13.8 102.2 153.2#
39 40.5 41.4 62.2#

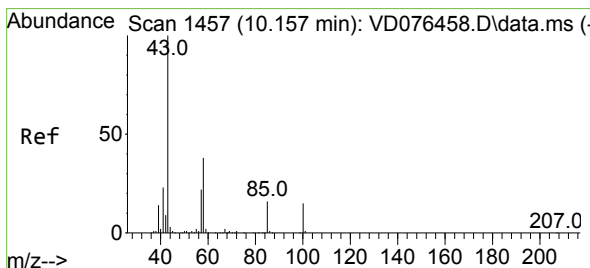
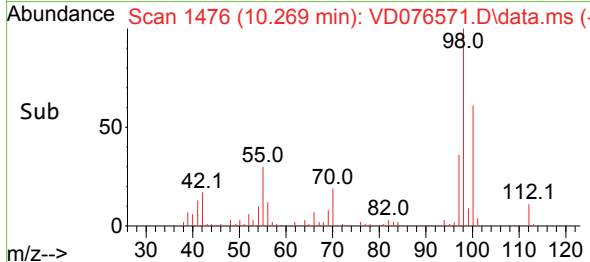
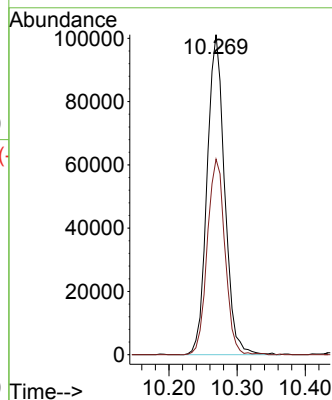
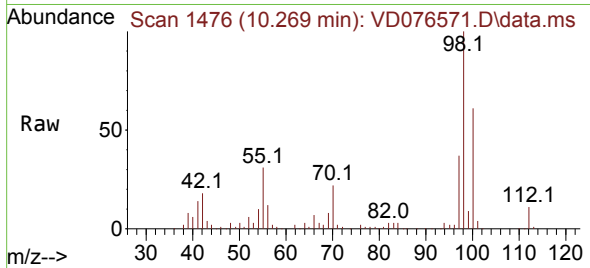




#50
Toluene-d8
Concen: 50.457 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

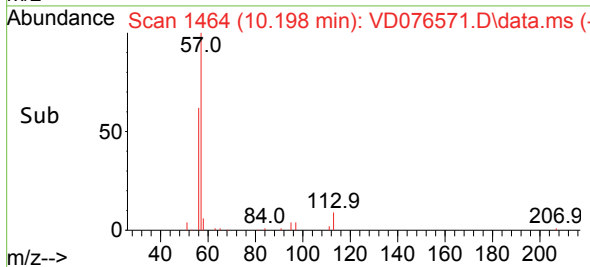
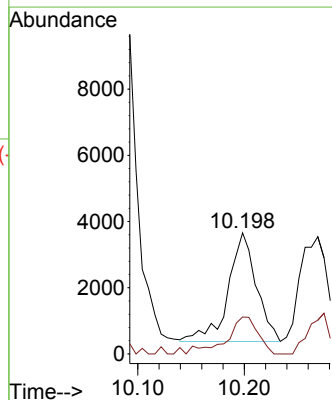
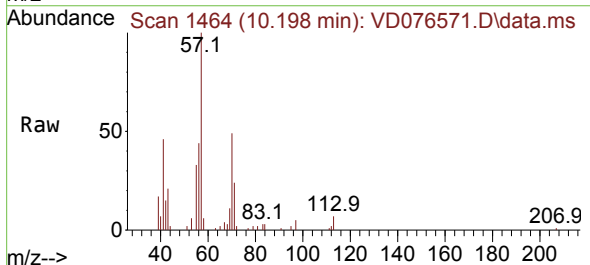
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

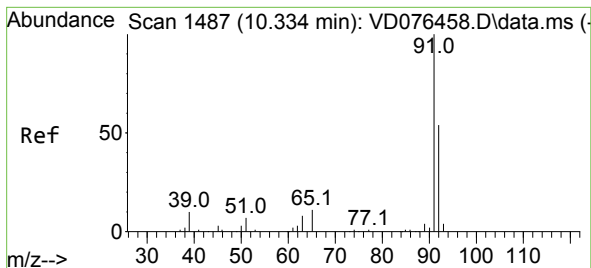
Tgt Ion: 98 Resp: 180834
Ion Ratio Lower Upper
98 100
100 61.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 8.162 ug/l
RT: 10.198 min Scan# 1464
Delta R.T. 0.041 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 43 Resp: 6057
Ion Ratio Lower Upper
43 100
58 38.8 38.9 58.3#





#52

Toluene

Concen: 26.882 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

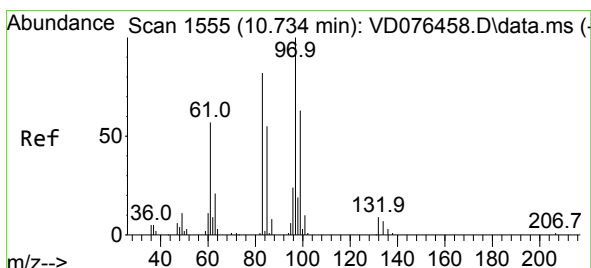
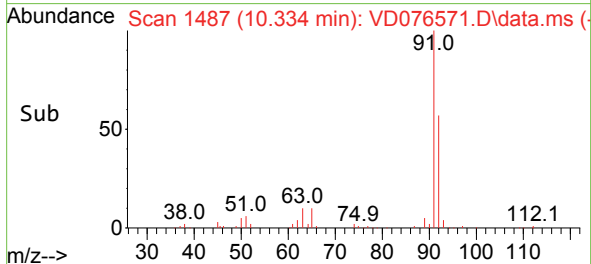
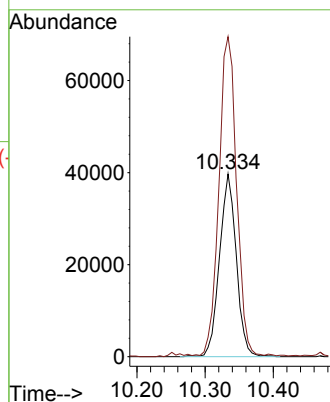
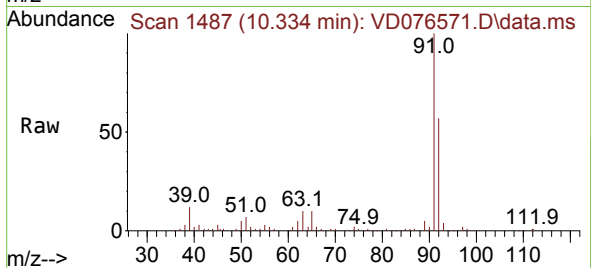
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 92 Resp: 68078

Ion Ratio Lower Upper

92 100

91 182.6 143.0 214.4



#55

1,1,2-Trichloroethane

Concen: 65.644 ug/l

RT: 10.710 min Scan# 1551

Delta R.T. -0.024 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Tgt Ion: 97 Resp: 53823

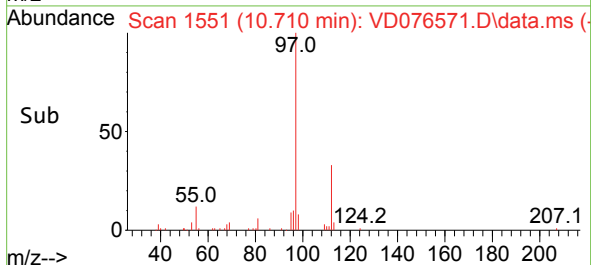
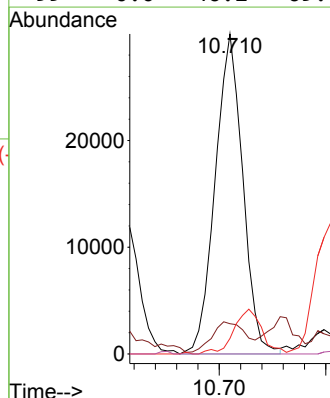
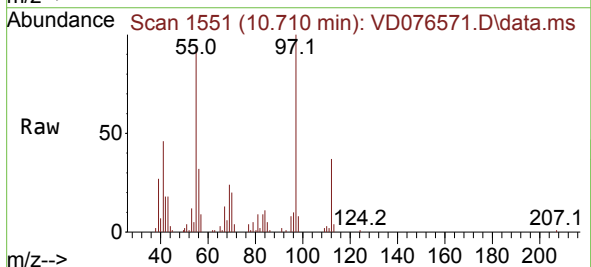
Ion Ratio Lower Upper

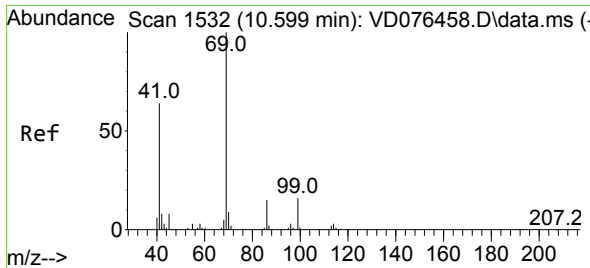
97 100

83 7.5 65.8 98.6#

85 4.8 45.7 68.5#

99 0.0 46.2 69.4#

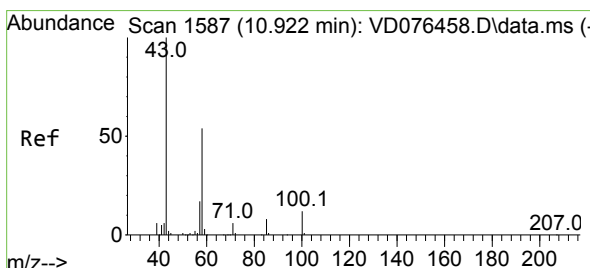
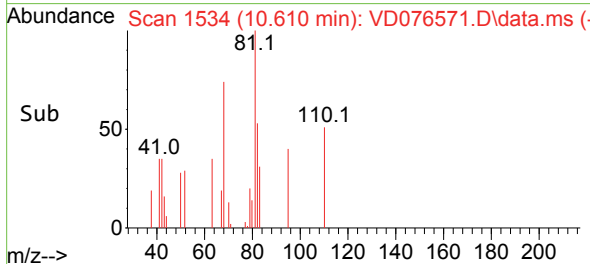
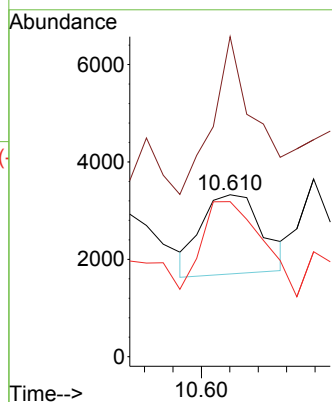
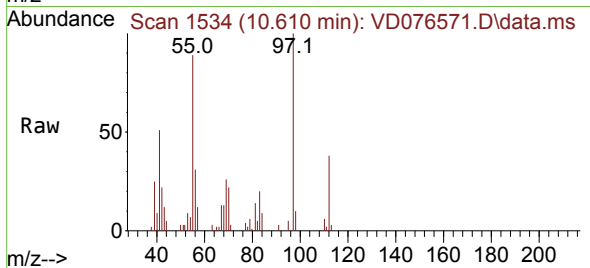




#56
Ethyl methacrylate
Concen: 2.278 ug/l
RT: 10.610 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

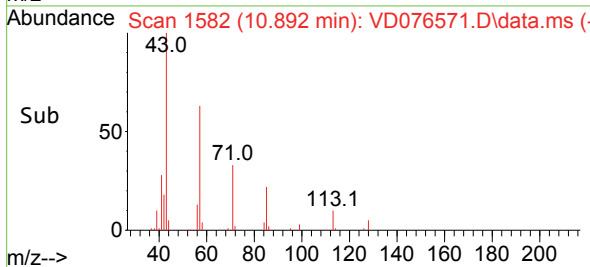
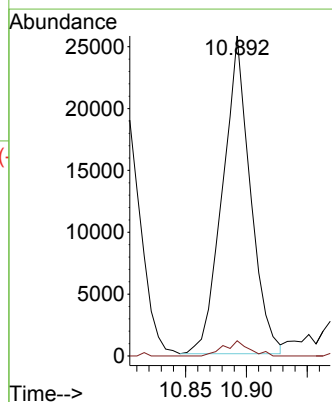
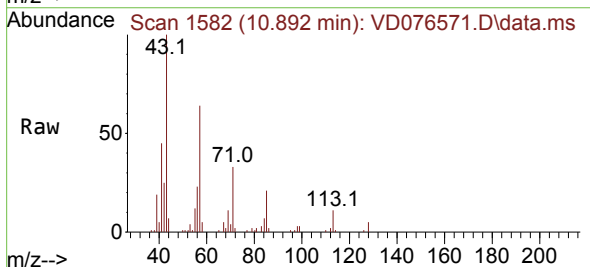
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

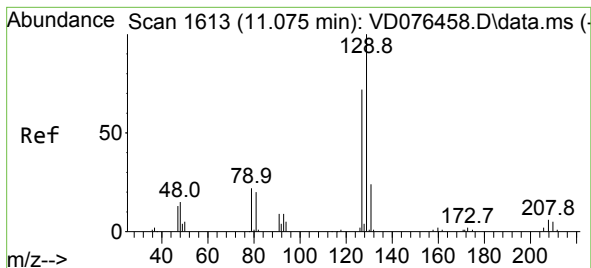
Tgt Ion: 69 Resp: 2439
Ion Ratio Lower Upper
69 100
41 134.5 39.1 58.7#
39 118.5 20.0 30.0#



#59
2-Hexanone
Concen: 78.795 ug/l
RT: 10.892 min Scan# 1582
Delta R.T. -0.030 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 43 Resp: 40676
Ion Ratio Lower Upper
43 100
58 4.3 34.1 102.2#





#60

Dibromochloromethane

Concen: 7.232 ug/l

RT: 10.810 min Scan# 1

Delta R.T. -0.265 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

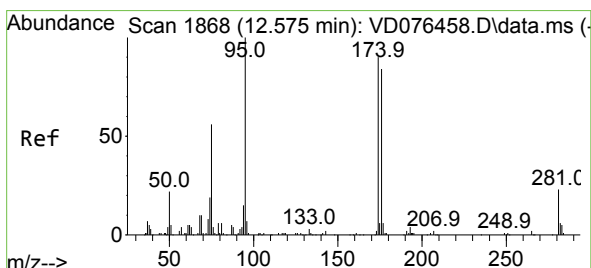
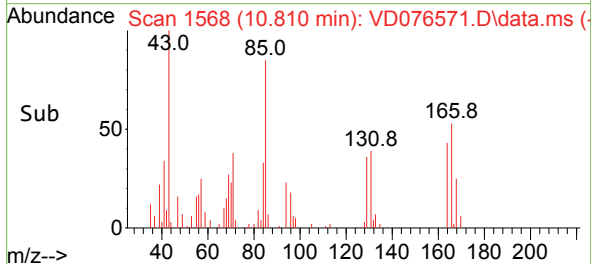
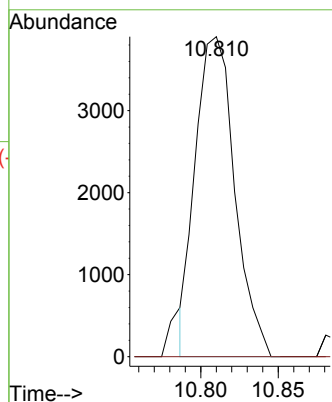
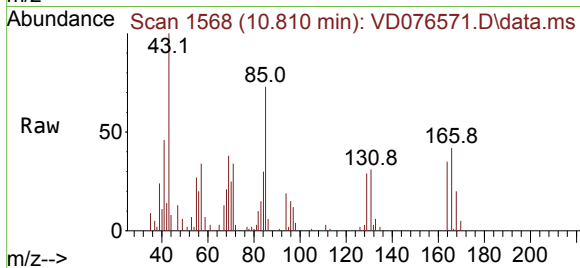
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion:129 Resp: 6901

Ion Ratio Lower Upper

129 100

127 0.0 37.1 111.5#



#62

4-Bromofluorobenzene

Concen: 34.140 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

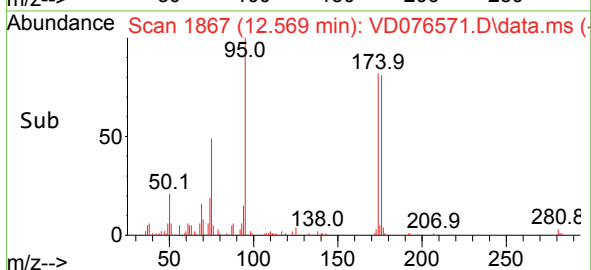
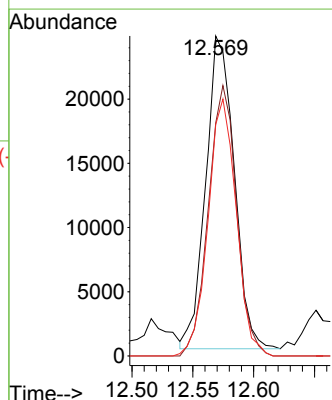
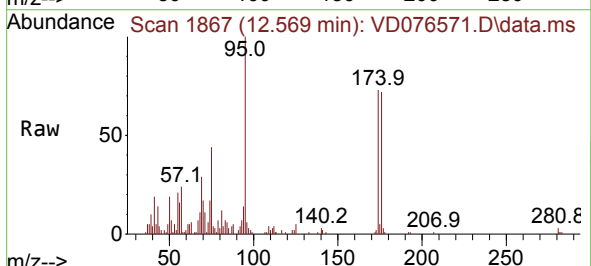
Tgt Ion: 95 Resp: 39710

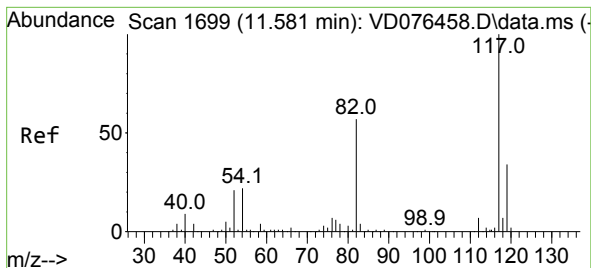
Ion Ratio Lower Upper

95 100

174 85.4 0.0 201.8

176 81.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5

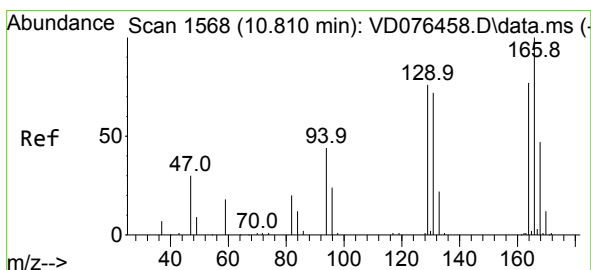
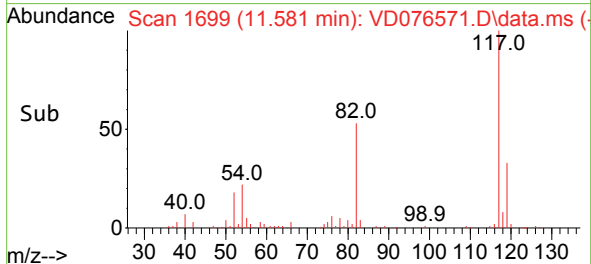
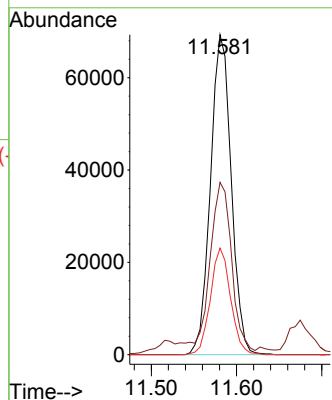
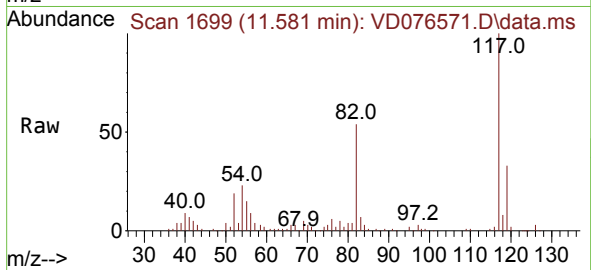
Tgt Ion:117 Resp: 117429

Ion Ratio Lower Upper

117 100

82 52.2 38.3 57.5

119 33.3 25.0 37.4



#64

Tetrachloroethene

Concen: 11.514 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Tgt Ion:164 Resp: 8116

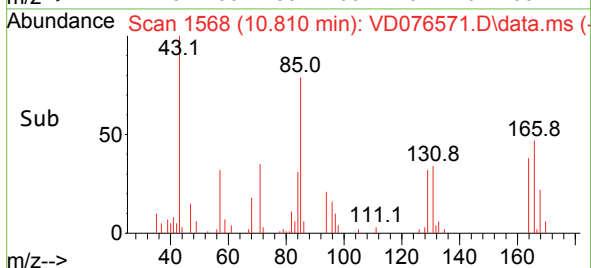
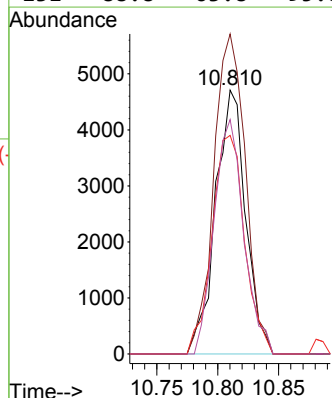
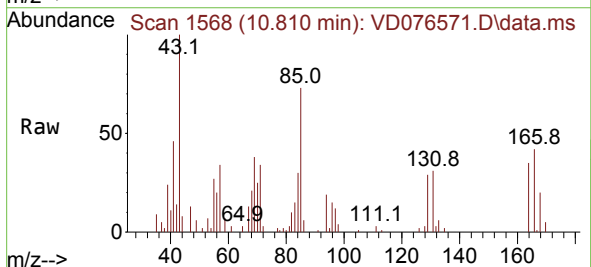
Ion Ratio Lower Upper

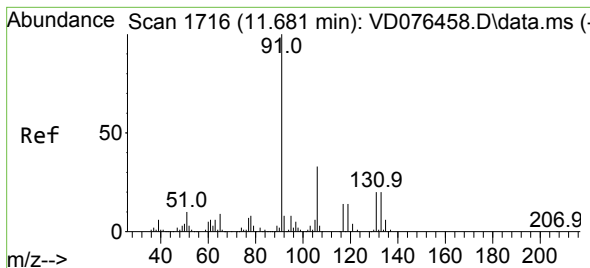
164 100

166 121.2 99.2 148.8

129 82.8 68.4 102.6

131 88.8 63.8 95.8





#67

Ethyl Benzene

Concen: 83.273 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

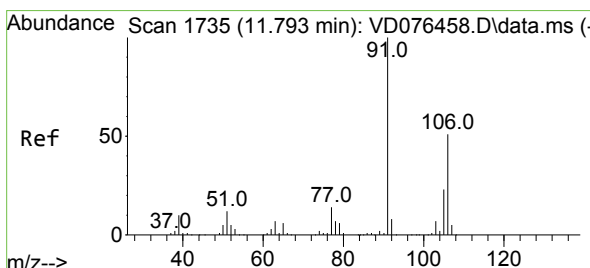
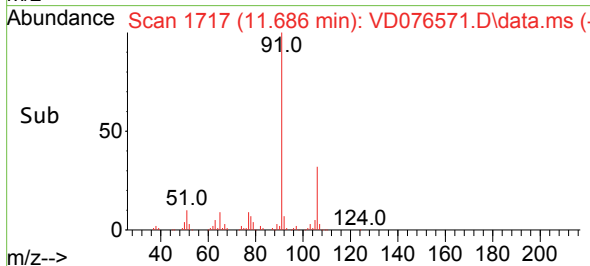
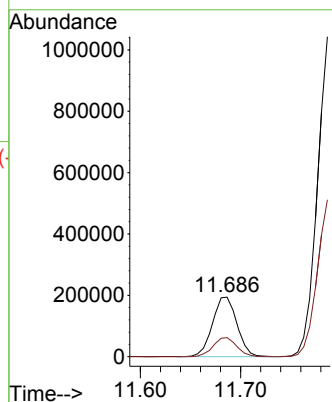
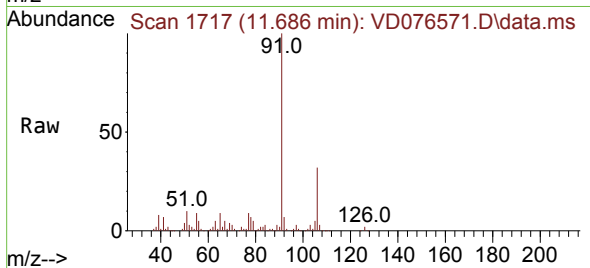
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 91 Resp: 329176

Ion Ratio Lower Upper

91 100

106 32.1 26.5 39.7



#68

m/p-Xylenes

Concen: 607.956 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD076571.D

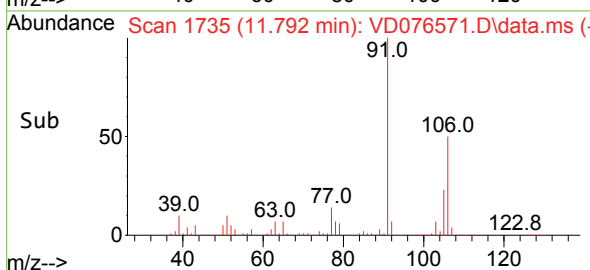
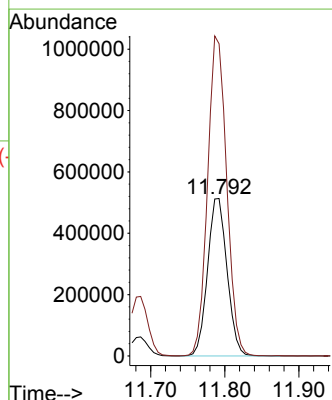
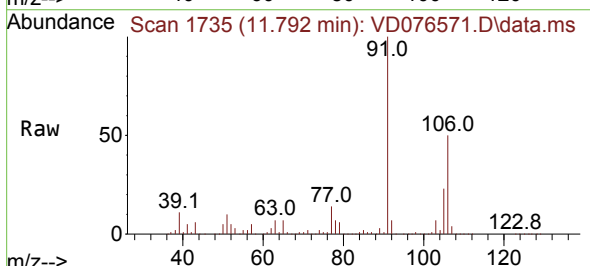
Acq: 23 Jun 2023 21:33

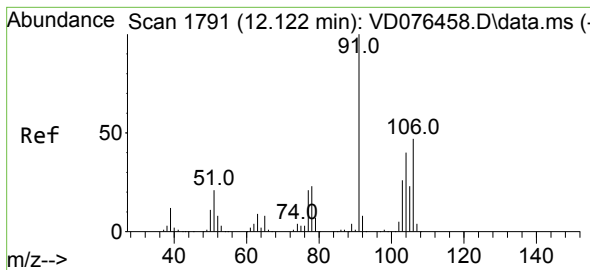
Tgt Ion:106 Resp: 938131

Ion Ratio Lower Upper

106 100

91 198.6 147.0 220.6

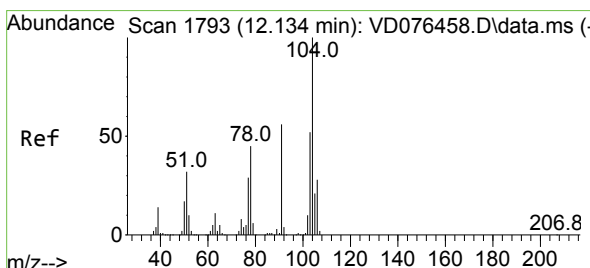
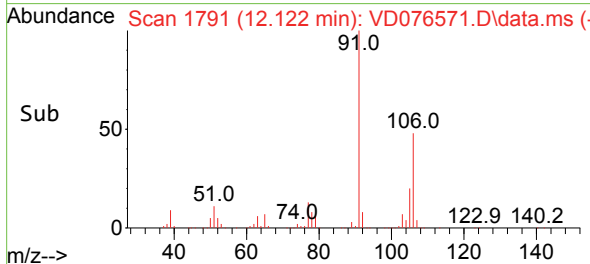
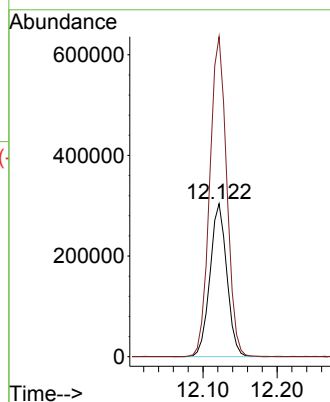
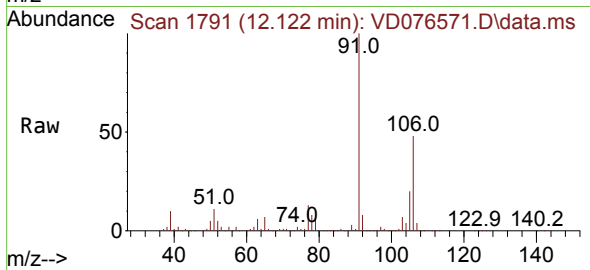




#69
o-Xylene
Concen: 326.679 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

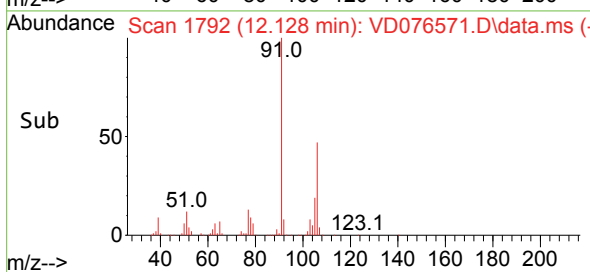
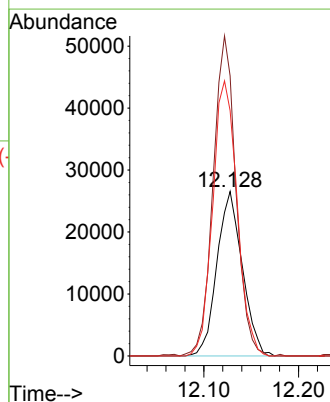
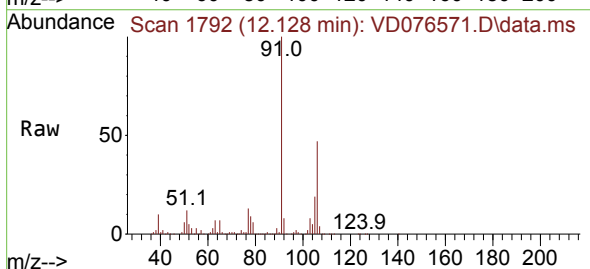
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

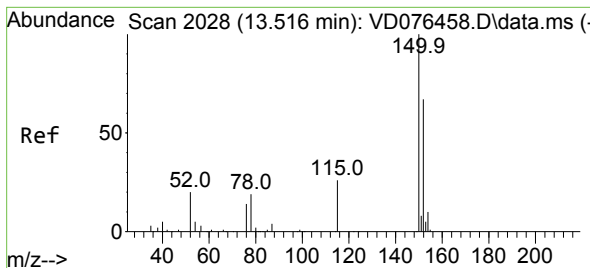
Tgt Ion:106 Resp: 479854
Ion Ratio Lower Upper
106 100
91 211.0 97.9 293.6



#70
Styrene
Concen: 19.530 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion:104 Resp: 49556
Ion Ratio Lower Upper
104 100
78 174.1 33.2 49.8#
103 161.0 43.6 65.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD076571.D

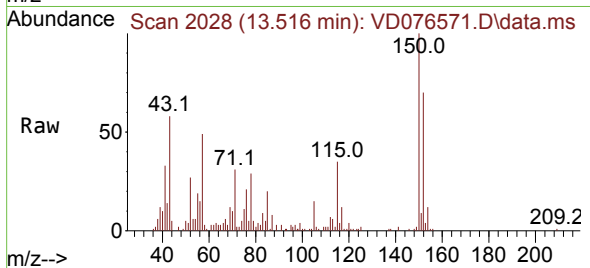
Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5



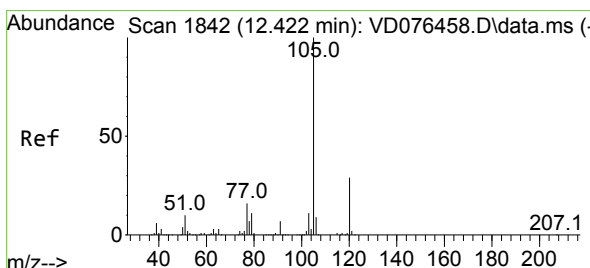
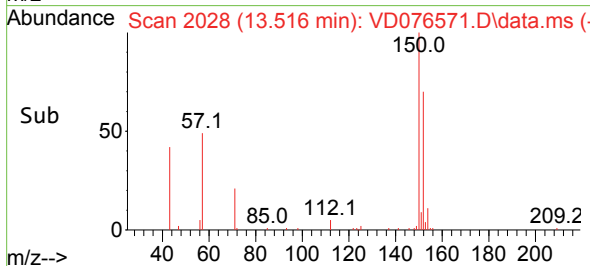
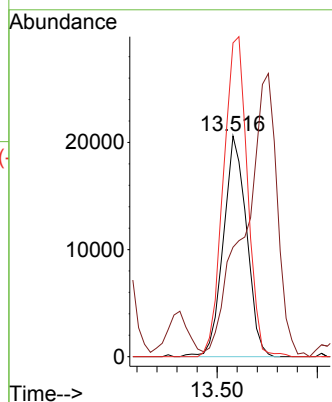
Tgt Ion:152 Resp: 33108

Ion Ratio Lower Upper

152 100

115 0.0 27.1 81.3#

150 150.3 0.0 353.6



#73

Isopropylbenzene

Concen: 53.417 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076571.D

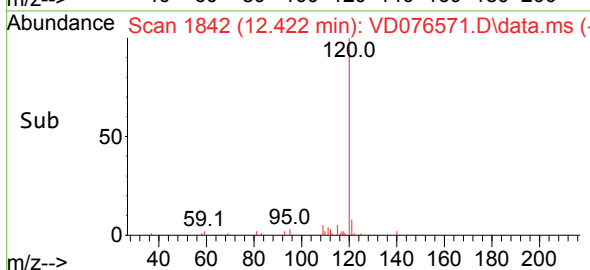
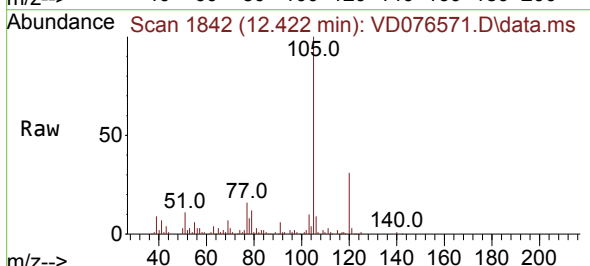
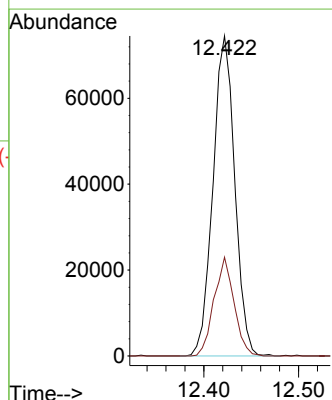
Acq: 23 Jun 2023 21:33

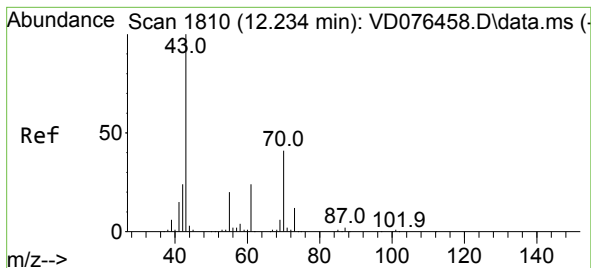
Tgt Ion:105 Resp: 119070

Ion Ratio Lower Upper

105 100

120 28.4 14.3 42.9





#74

N-ethyl acetate

Concen: 41.275 ug/l

RT: 12.210 min Scan# 1806

Delta R.T. -0.024 min

Lab File: VD076571.D

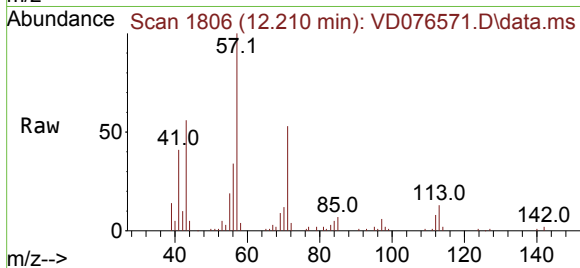
Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5



Tgt Ion: 43 Resp: 26935

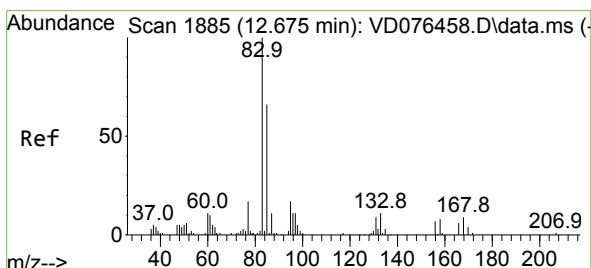
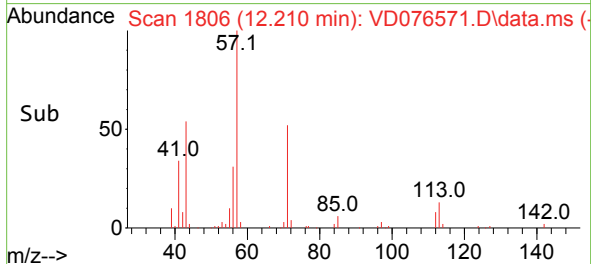
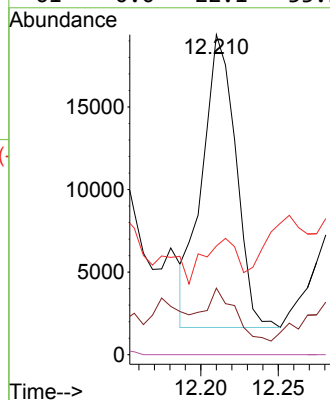
Ion Ratio Lower Upper

43 100

70 16.4 45.0 67.4#

55 15.0 23.8 35.6#

61 0.0 22.1 33.1#



#75

1,1,2,2-Tetrachloroethane

Concen: 3.922 ug/l

RT: 12.657 min Scan# 1882

Delta R.T. -0.018 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

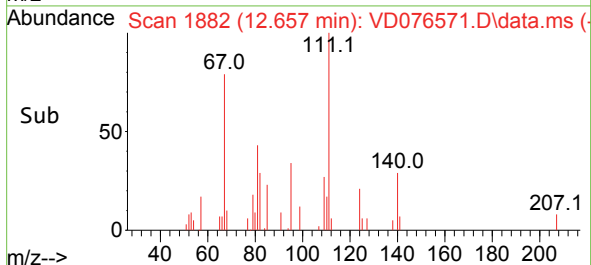
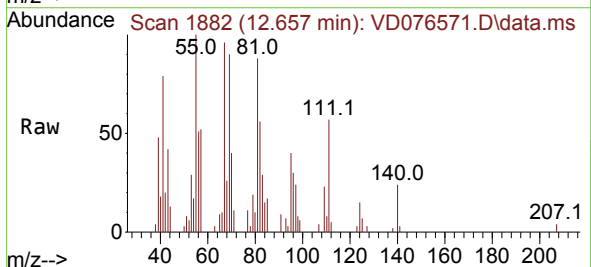
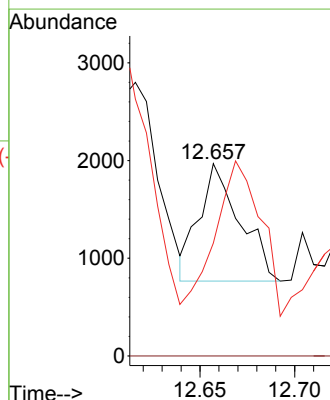
Tgt Ion: 83 Resp: 1804

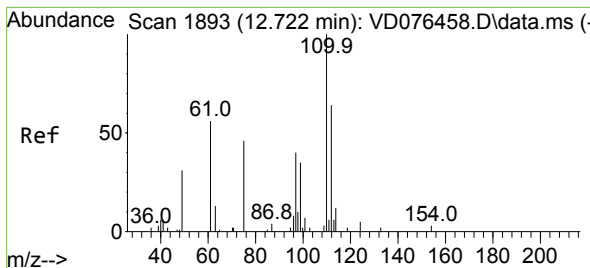
Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.3#

85 128.0 32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 8.926 ug/l

RT: 12.769 min Scan# 1901

Delta R.T. 0.047 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

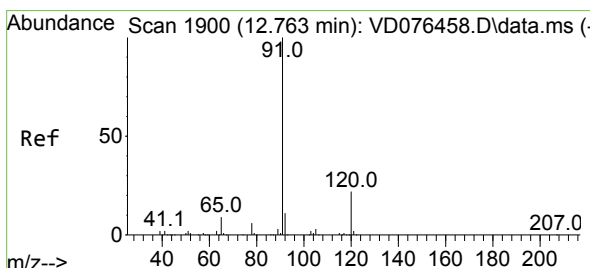
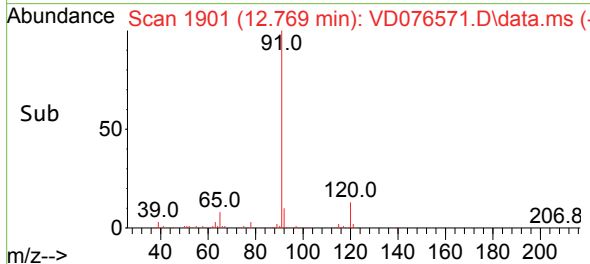
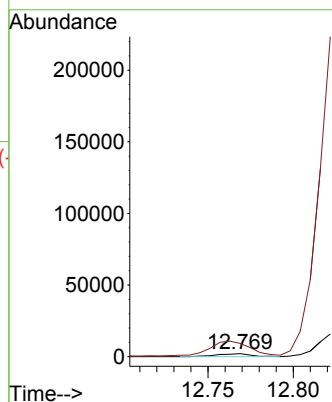
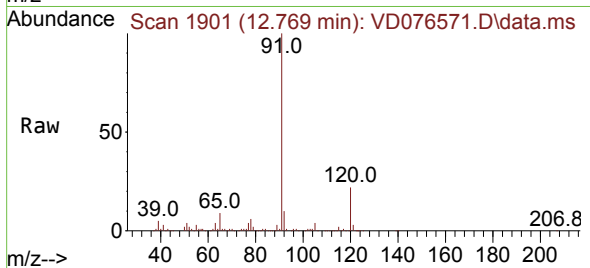
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 75 Resp: 2933

Ion Ratio Lower Upper

75 100

77 636.0 0.0 0.0#



#78

n-propylbenzene

Concen: 154.636 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD076571.D

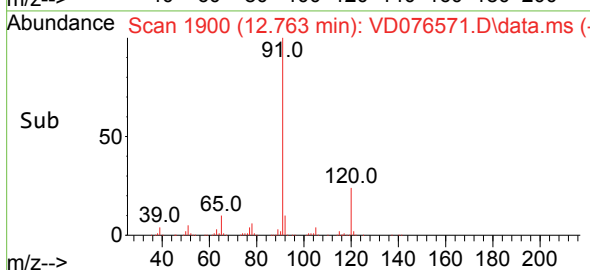
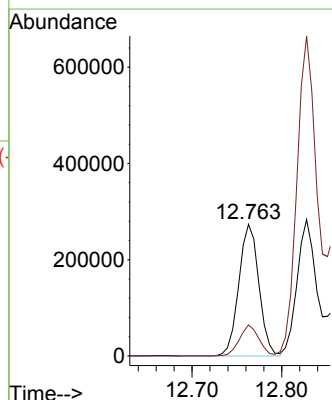
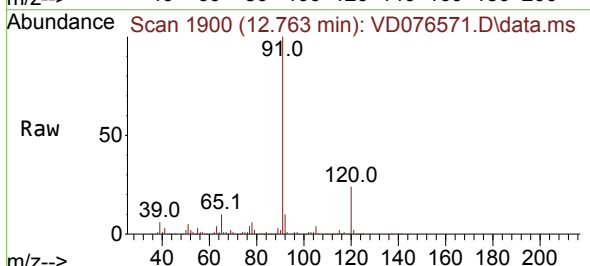
Acq: 23 Jun 2023 21:33

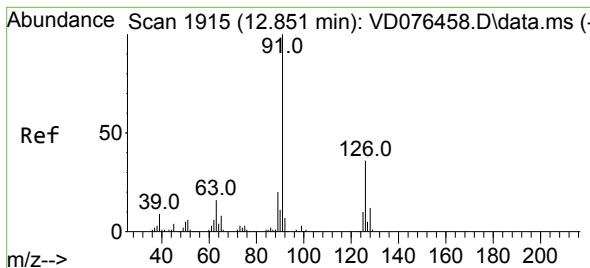
Tgt Ion: 91 Resp: 425612

Ion Ratio Lower Upper

91 100

120 22.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 280.878 ug/l

RT: 12.828 min Scan# 1911

Delta R.T. -0.024 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

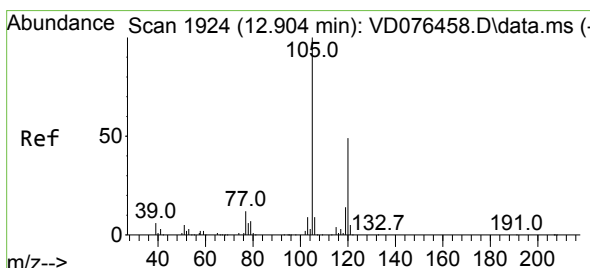
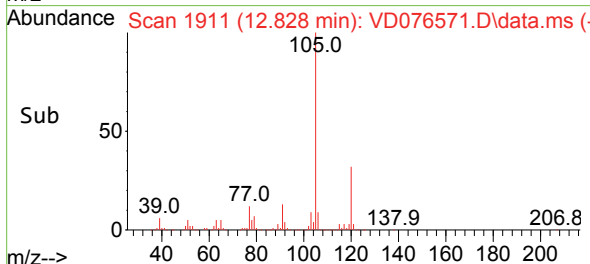
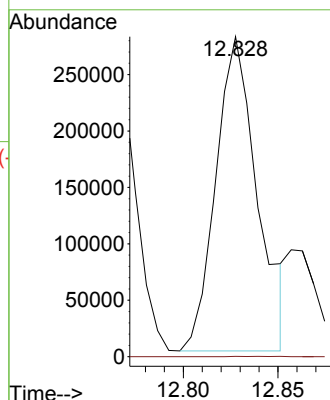
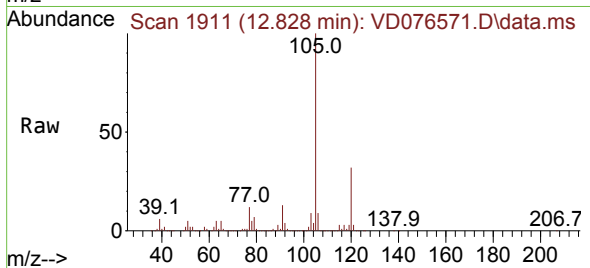
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 91 Resp: 424518

Ion Ratio Lower Upper

91 100

126 0.1 19.4 58.1#



#80

1,3,5-Trimethylbenzene

Concen: 866.754 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VD076571.D

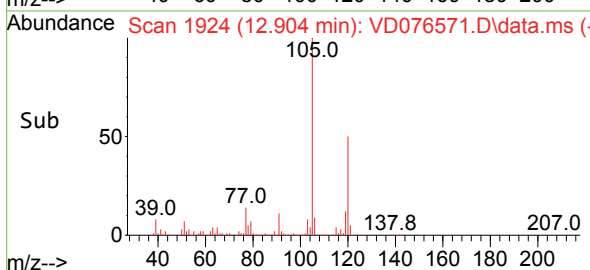
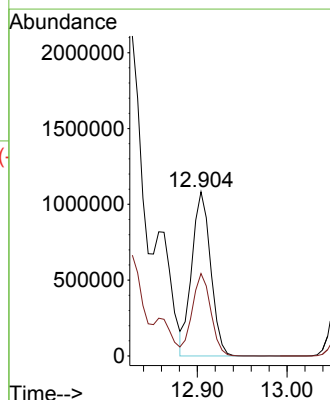
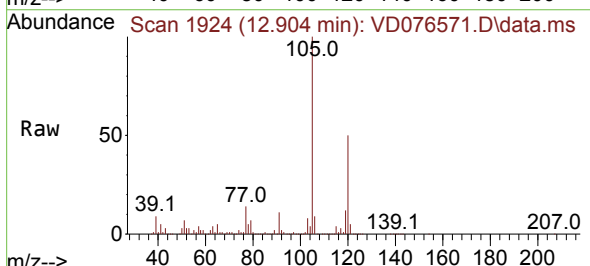
Acq: 23 Jun 2023 21:33

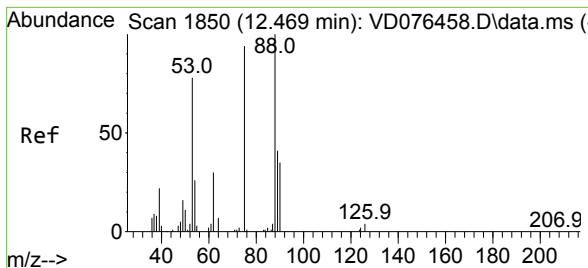
Tgt Ion:105 Resp: 1577821

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

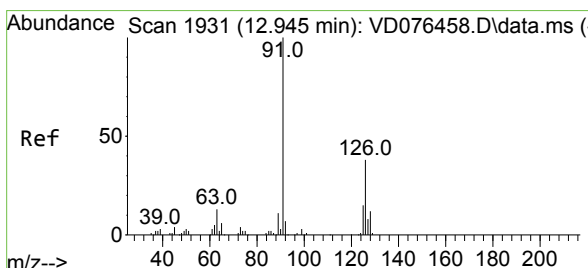
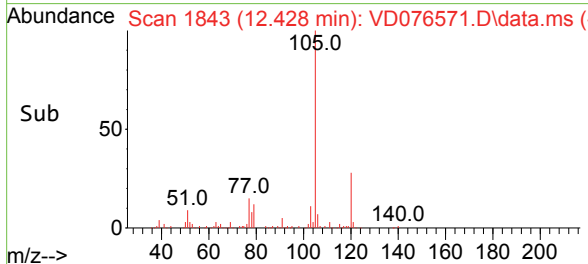
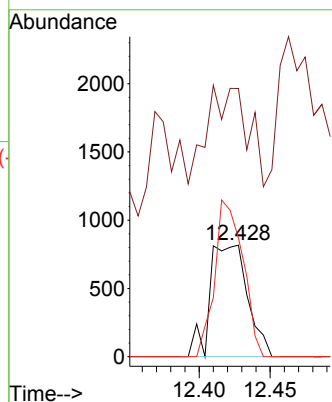
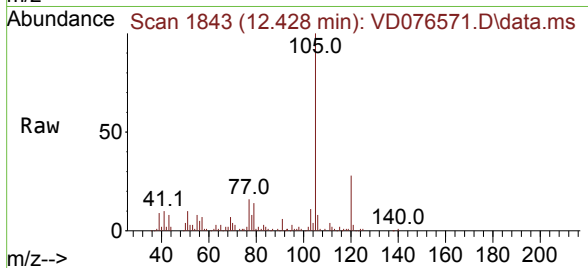




#81
trans-1,4-Dichloro-2-butene
Concen: 10.083 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. -0.041 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

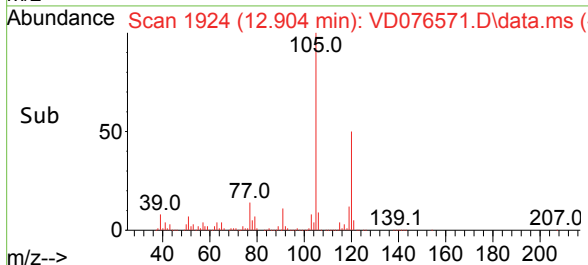
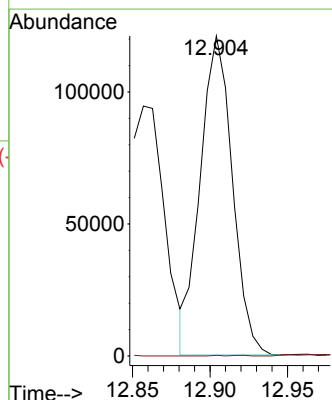
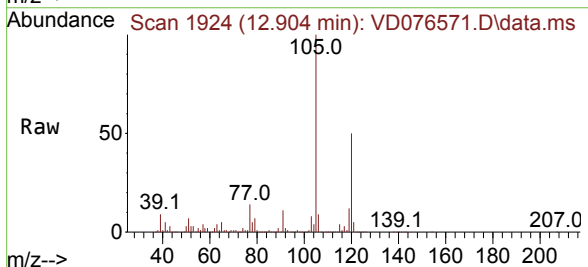
Instrument : MSVOA_D
ClientSampleId : TOTAL-VOC-SB-7-GRAB-5

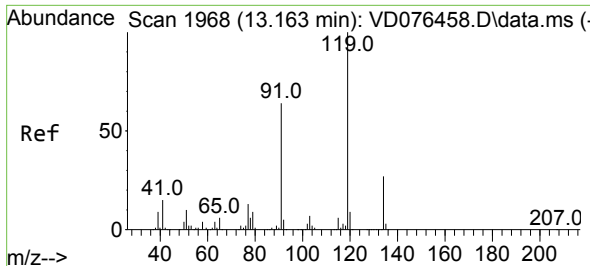
Tgt Ion: 75 Resp: 1512
Ion Ratio Lower Upper
75 100
53 95.3 63.0 94.4#
89 104.8 37.9 56.9#



#82
4-Chlorotoluene
Concen: 110.715 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.041 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion: 91 Resp: 173781
Ion Ratio Lower Upper
91 100
126 0.1 19.4 58.4#

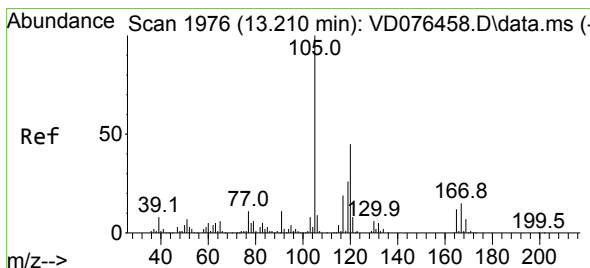
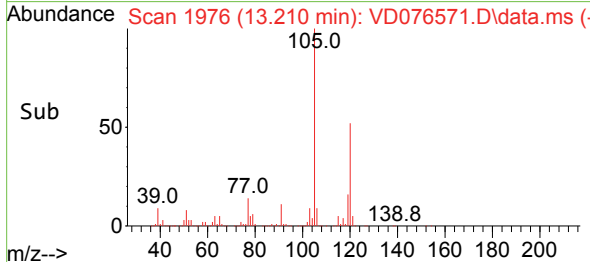
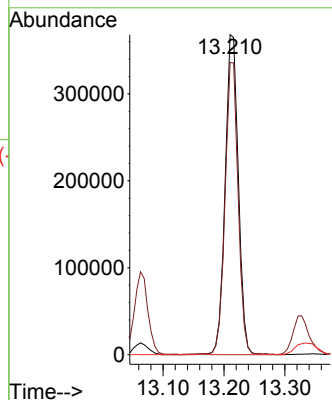
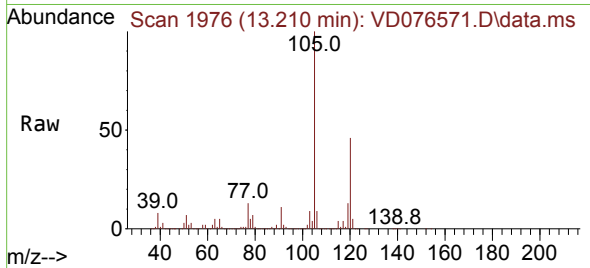




#83
tert-Butylbenzene
Concen: 342.421 ug/l
RT: 13.210 min Scan# 1968
Delta R.T. 0.047 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

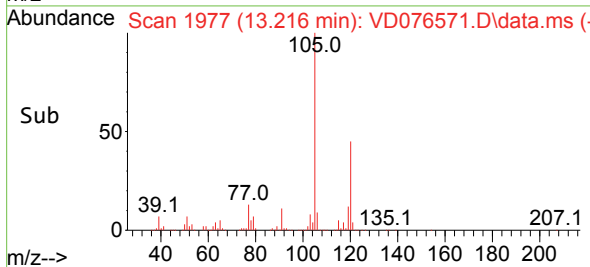
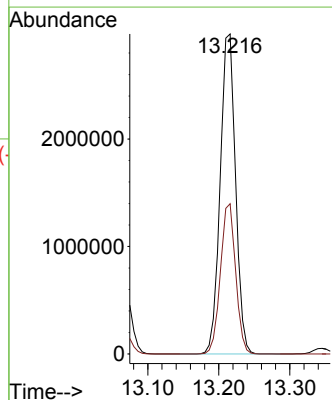
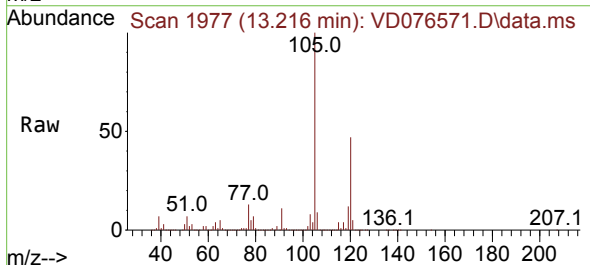
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

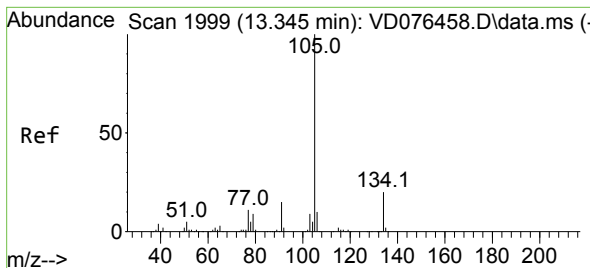
Tgt Ion:119 Resp: 553862
Ion Ratio Lower Upper
119 100
91 90.5 29.3 87.8#
134 0.0 14.1 42.3#



#84
1,2,4-Trimethylbenzene
Concen: 2425.616 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion:105 Resp: 4449715
Ion Ratio Lower Upper
105 100
120 46.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 1853.797 ug/l

RT: 13.216 min Scan# 1999

Delta R.T. -0.130 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

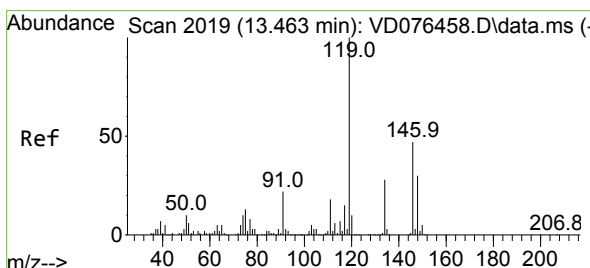
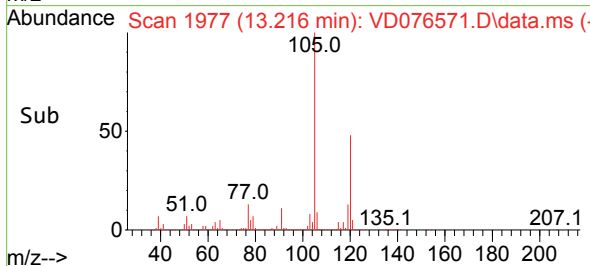
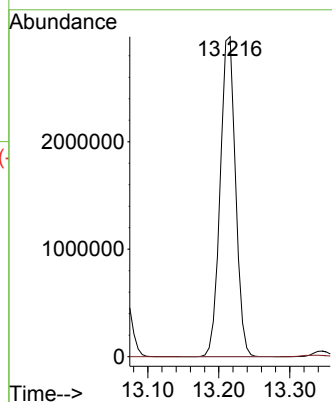
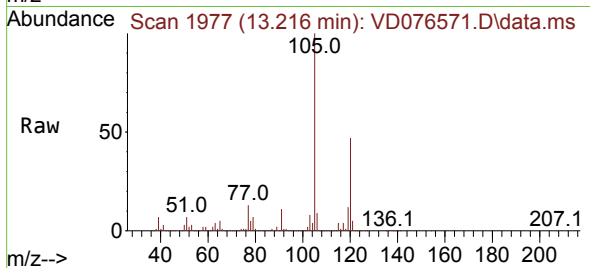
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion:105 Resp: 4449715

Ion Ratio Lower Upper

105 100

134 0.0 10.9 32.9#



#86

p-Isopropyltoluene

Concen: 35.864 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076571.D

Acq: 23 Jun 2023 21:33

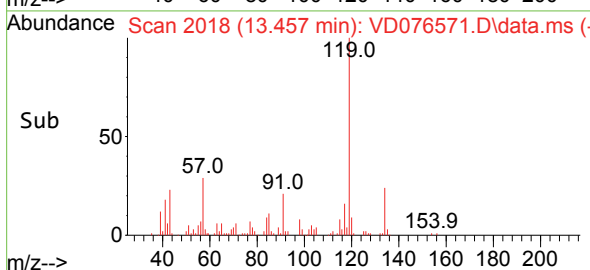
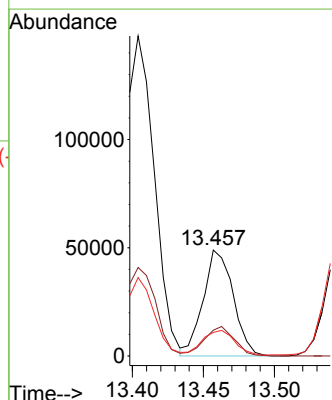
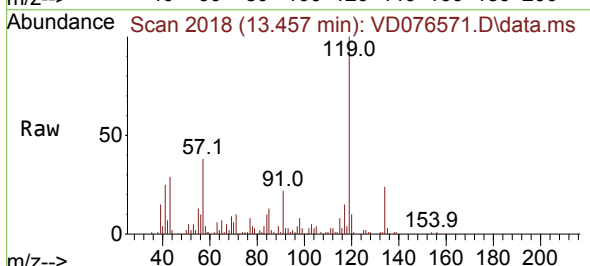
Tgt Ion:119 Resp: 71931

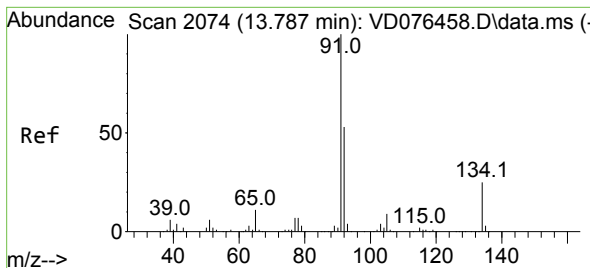
Ion Ratio Lower Upper

119 100

134 27.8 14.2 42.6

91 25.0 10.5 31.5





#89

n-Butylbenzene

Concen: 91.714 ug/l

RT: 13.757 min Scan# 2069

Delta R.T. -0.030 min

Lab File: VD076571.D

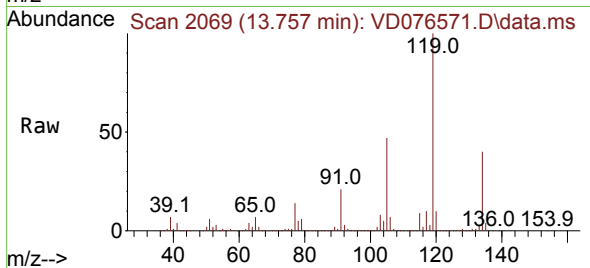
Acq: 23 Jun 2023 21:33

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-SB-7-GRAB-5



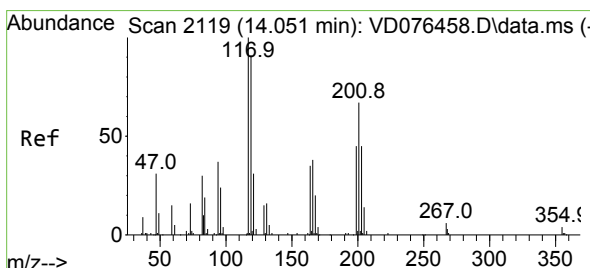
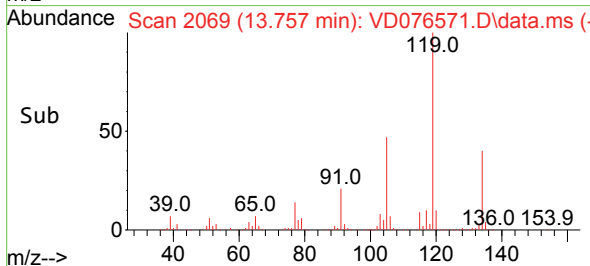
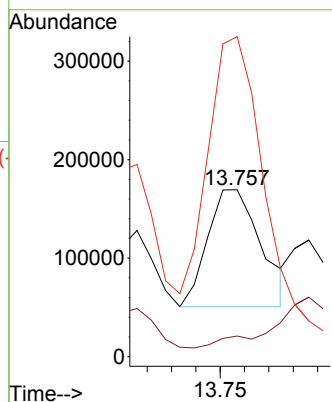
Tgt Ion: 91 Resp: 179417

Ion Ratio Lower Upper

91 100

92 0.0 26.5 79.5#

134 319.2 13.8 41.3#



#90

Hexachloroethane

Concen: 304.949 ug/l

RT: 14.063 min Scan# 2121

Delta R.T. 0.012 min

Lab File: VD076571.D

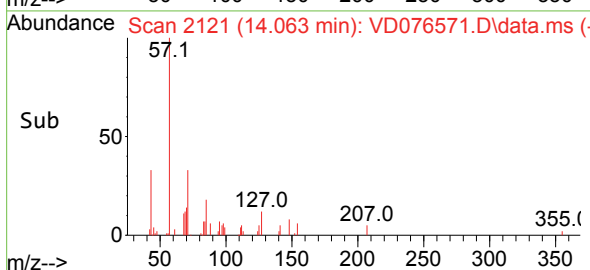
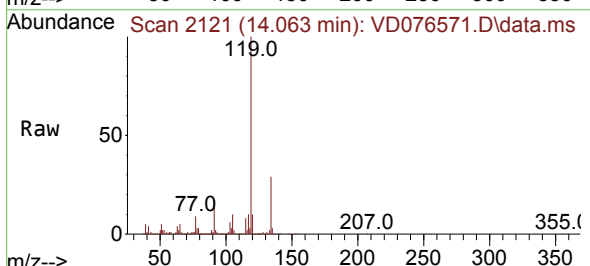
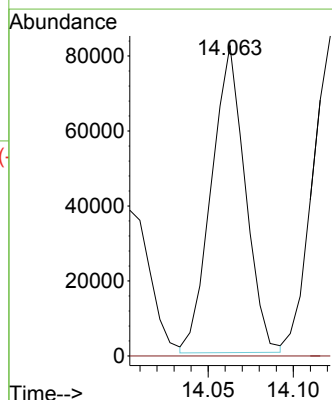
Acq: 23 Jun 2023 21:33

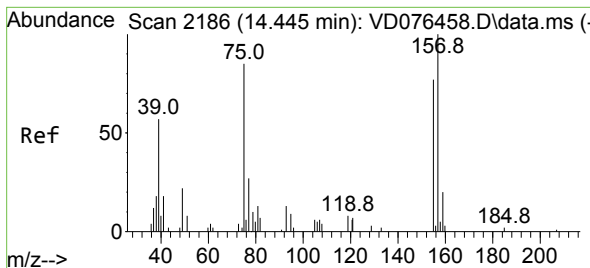
Tgt Ion: 117 Resp: 112869

Ion Ratio Lower Upper

117 100

201 0.0 38.5 115.5#

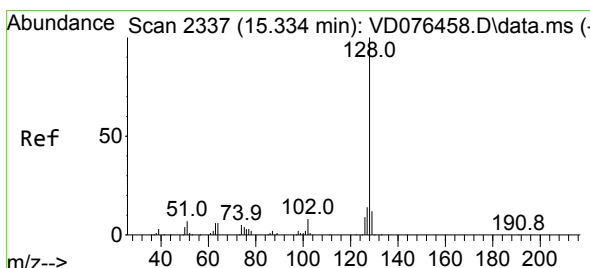
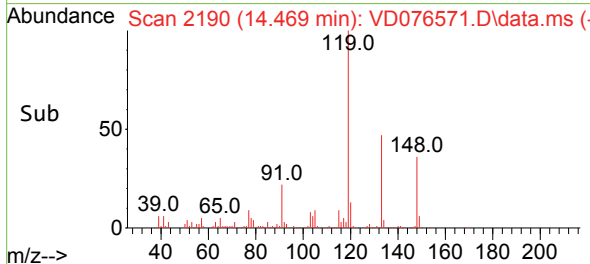
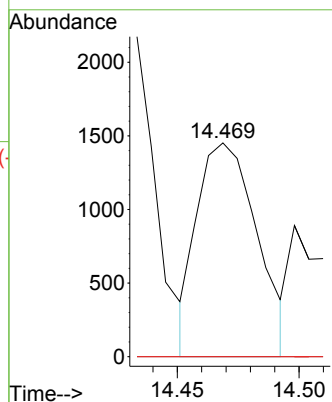
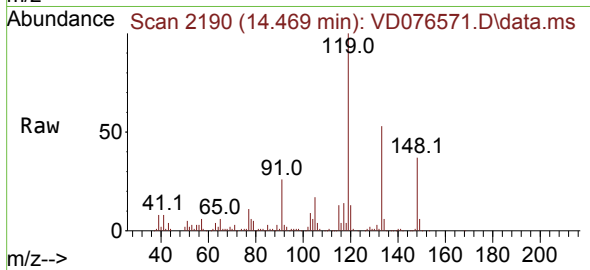




#92
1,2-Dibromo-3-Chloropropane
Concen: 35.863 ug/l
RT: 14.469 min Scan# 2186
Delta R.T. 0.023 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-SB-7-GRAB-5

Tgt Ion: 75 Resp: 2483
Ion Ratio Lower Upper
75 100
155 0.0 47.9 143.8#
157 0.0 59.9 179.7#



#95
Naphthalene
Concen: 172.840 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076571.D
Acq: 23 Jun 2023 21:33

Tgt Ion:128 Resp: 217429
Ion Ratio Lower Upper
128 100
127 14.0 10.5 15.7
129 11.9 8.7 13.1

