

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078445.D
 Acq On : 15 Feb 2024 19:33
 Operator : RP/MD
 Sample : P1505-07
 Misc : 5.12G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1D-VOC

Quant Time: Feb 16 02:40:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

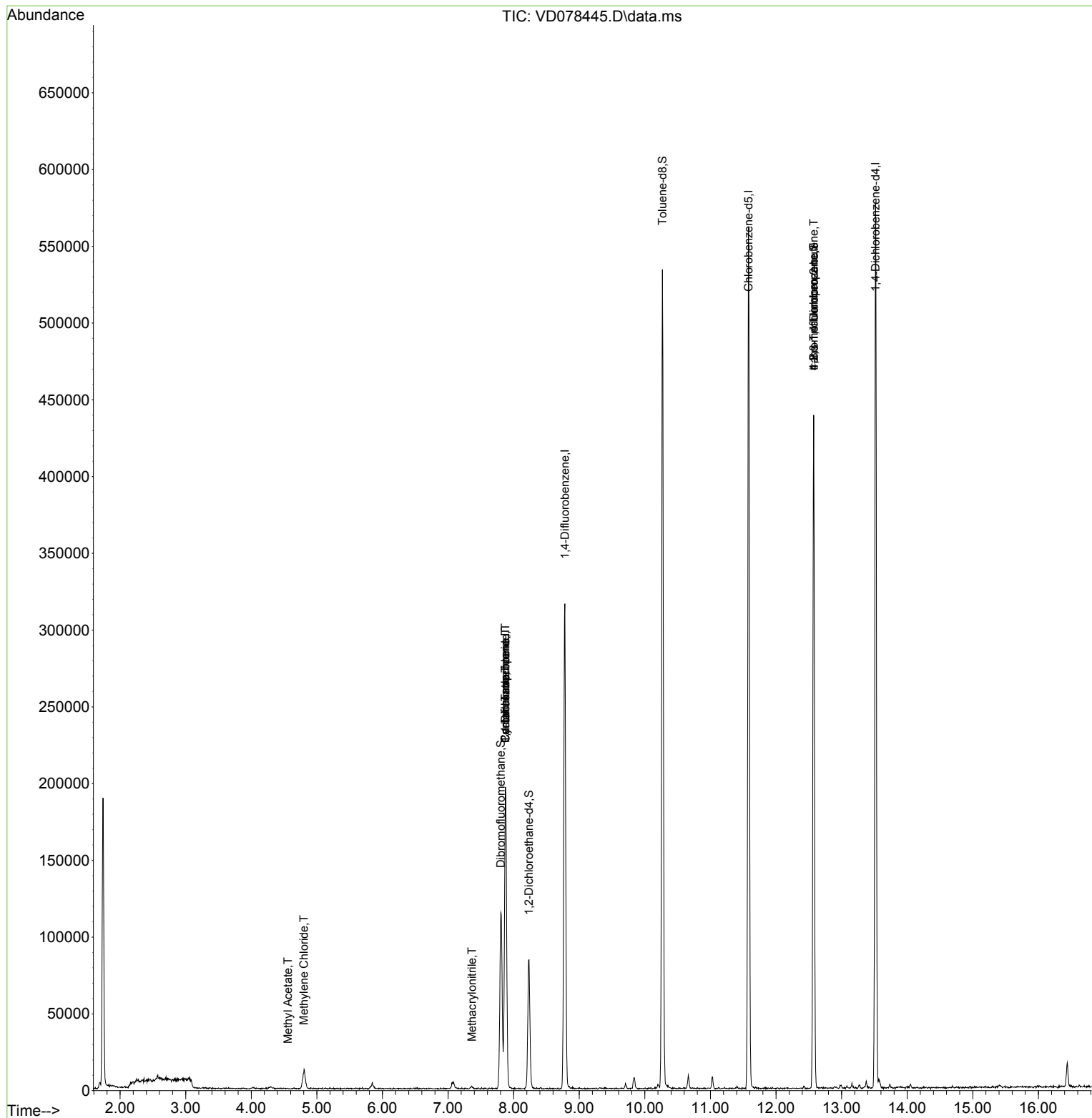
Internal Standards						
1) Pentafluorobenzene	7.875	168	154594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	291008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	330490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64007	38.292	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	76.580%		
35) Dibromofluoromethane	7.805	113	88353	47.796	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.600%		
50) Toluene-d8	10.269	98	373988	50.576	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.160%		
62) 4-Bromofluorobenzene	12.575	95	133180	61.890	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	123.780%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.111	59	54	Below Cal	#	73
16) Acetone	4.022	43	652	Below Cal	#	32
18) Methyl Acetate	4.558	43	57	3.984	ug/l #	42
20) Methylene Chloride	4.805	84	9084	1.820	ug/l	90
25) 2-Butanone	7.075	43	54	Below Cal	#	37
31) Cyclohexane	7.875	56	3536	1.251	ug/l #	71
36) 1,1-Dichloropropene	7.875	75	12522	4.361	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15394	5.413	ug/l #	14
41) Methacrylonitrile	7.363	41	607	1.159	ug/l #	32
76) 1,2,3-Trichloropropane	12.575	75	70471	52.887	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	70471	109.795	ug/l #	17

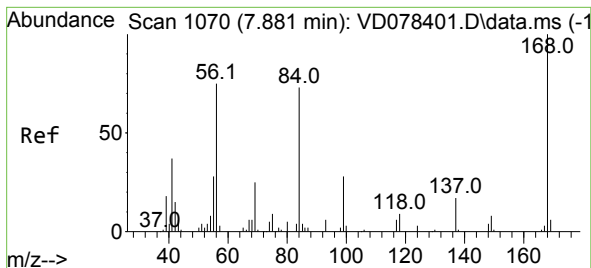
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1070

Delta R.T. -0.006 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

Instrument :

MSVOA_D

ClientSampleId :

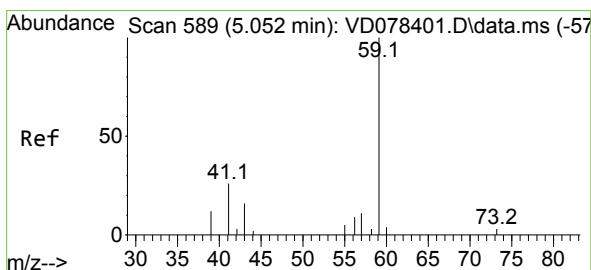
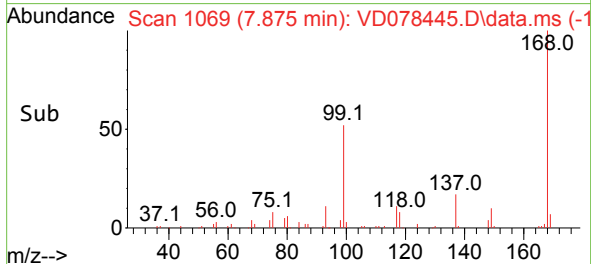
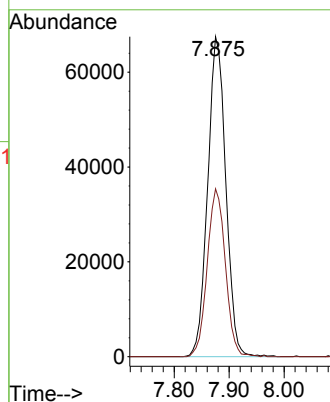
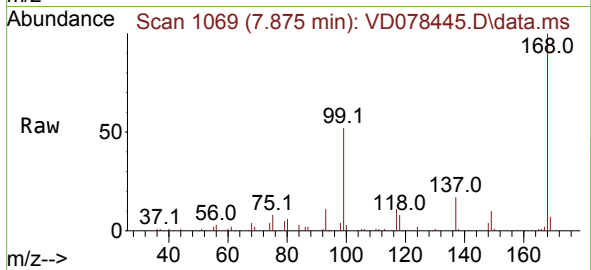
WC-1D-VOC

Tgt Ion:168 Resp: 154594

Ion Ratio Lower Upper

168 100

99 52.4 36.7 55.1



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.111 min Scan# 599

Delta R.T. 0.059 min

Lab File: VD078445.D

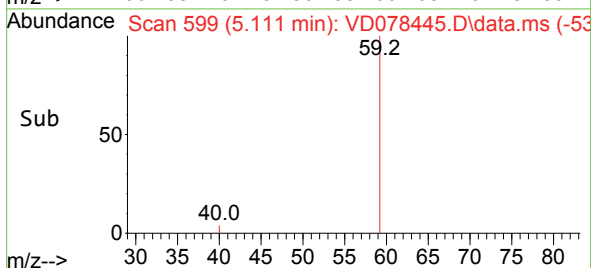
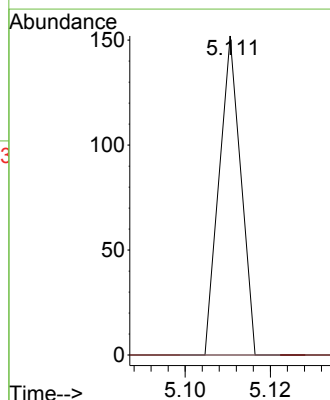
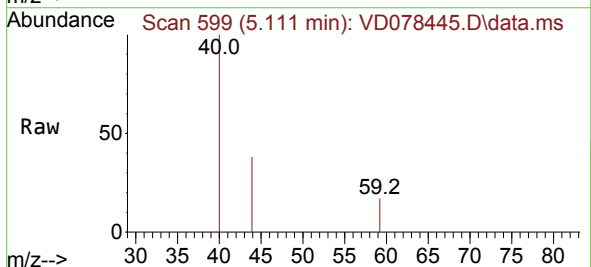
Acq: 15 Feb 2024 19:33

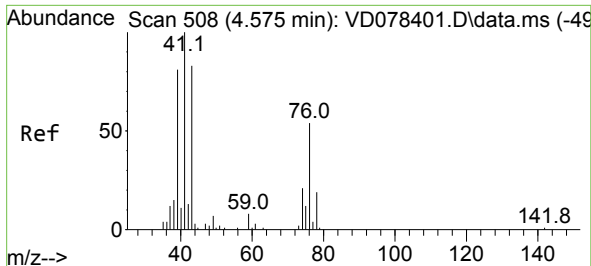
Tgt Ion: 59 Resp: 54

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

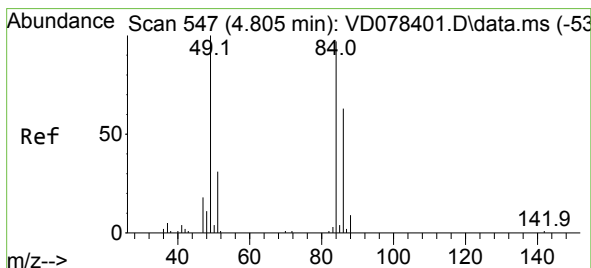
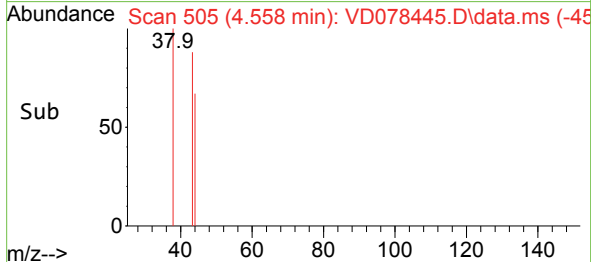
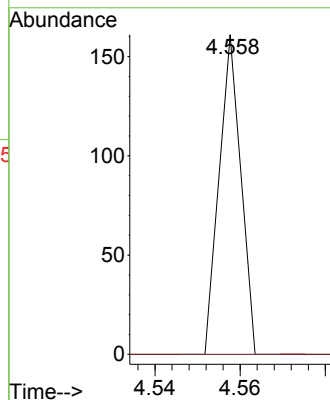
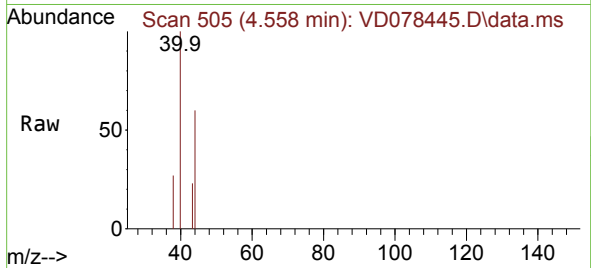




#18
Methyl Acetate
Concen: 3.984 ug/l
RT: 4.558 min Scan# 508
Delta R.T. -0.017 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

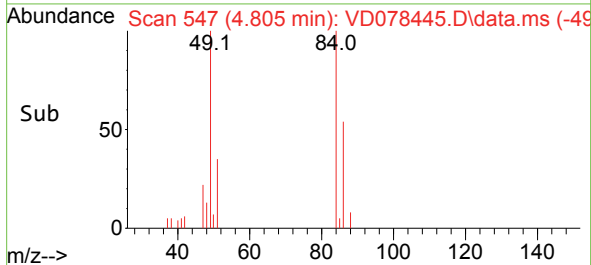
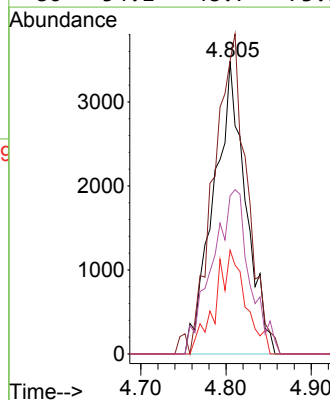
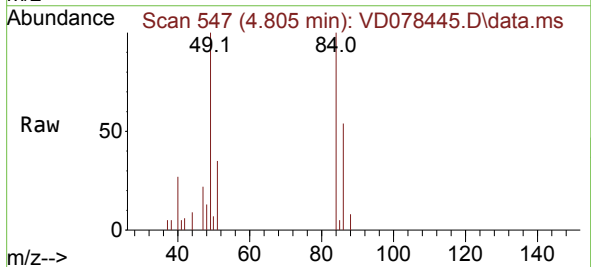
Instrument :
MSVOA_D
ClientSampleId :
WC-1D-VOC

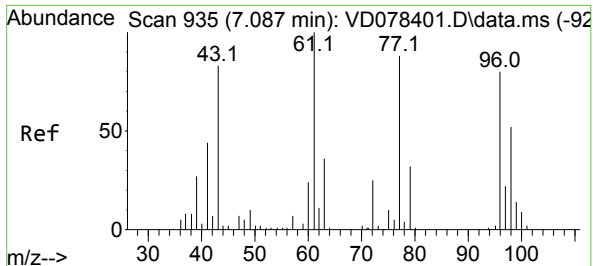
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#



#20
Methylene Chloride
Concen: 1.820 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Tgt Ion: 84 Resp: 9084
Ion Ratio Lower Upper
84 100
49 100.3 71.4 107.2
51 35.4 24.5 36.7
86 54.1 48.7 73.1





#25

2-Butanone

Concen: Below Cal

RT: 7.075 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD078445.D

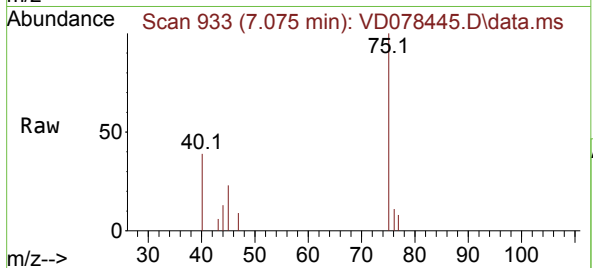
Acq: 15 Feb 2024 19:33

Instrument :

MSVOA_D

ClientSampleId :

WC-1D-VOC

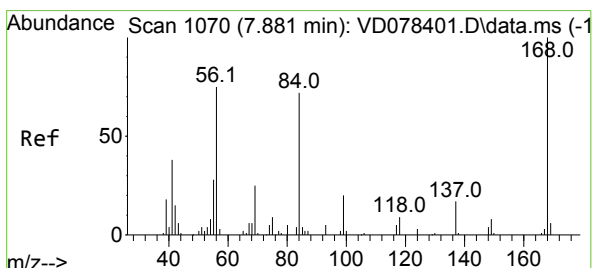
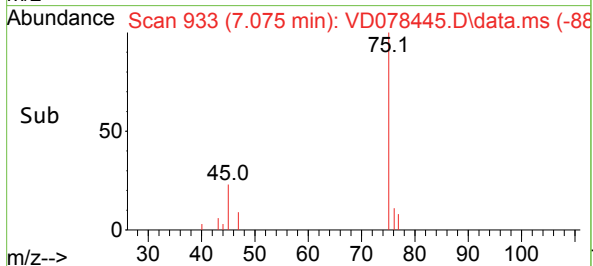
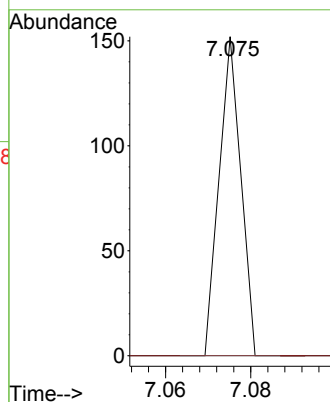


Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.251 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

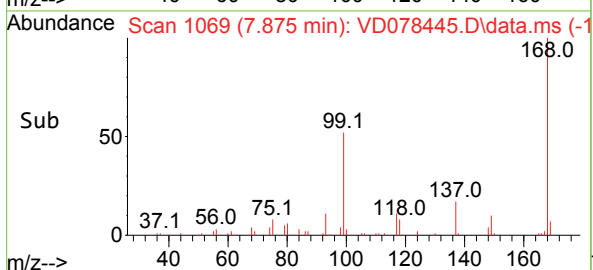
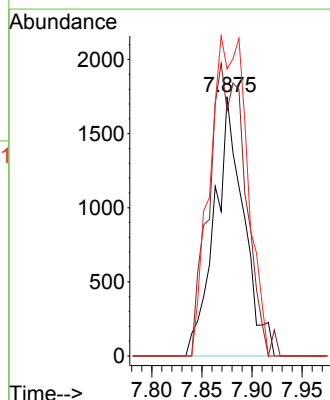
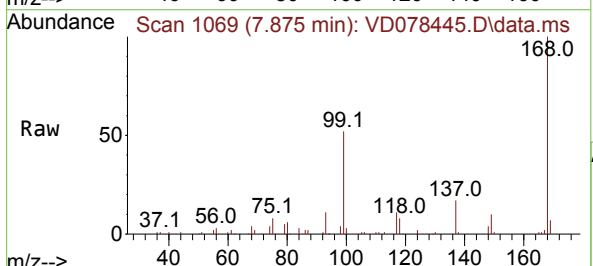
Tgt Ion: 56 Resp: 3536

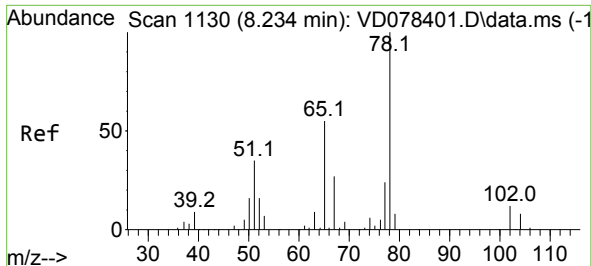
Ion Ratio Lower Upper

56 100

69 94.7 28.6 43.0#

84 110.7 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 38.292 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

Instrument :

MSVOA_D

ClientSampleId :

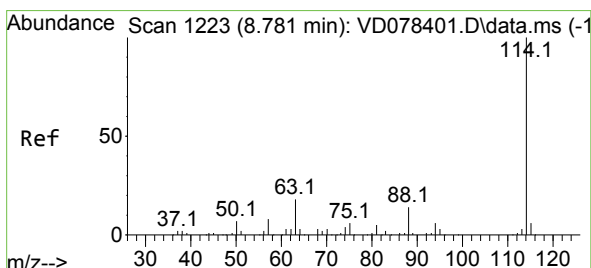
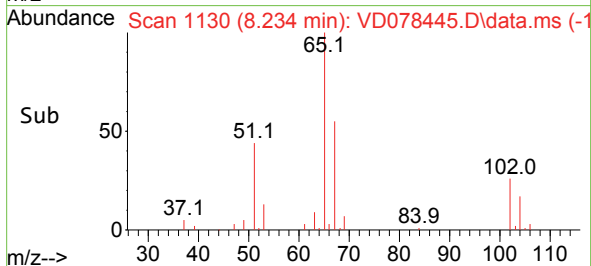
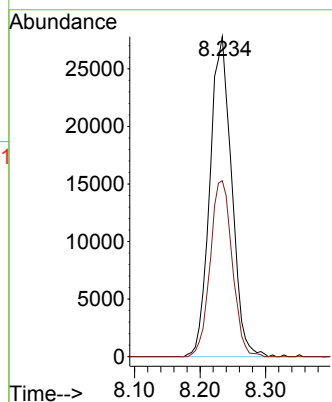
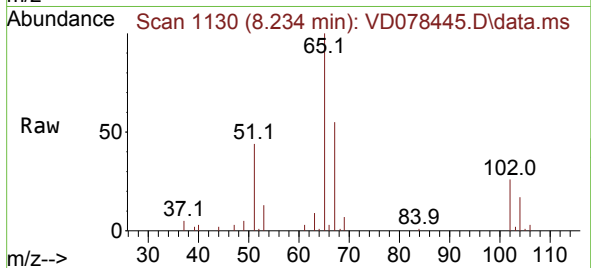
WC-1D-VOC

Tgt Ion: 65 Resp: 64007

Ion Ratio Lower Upper

65 100

67 55.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

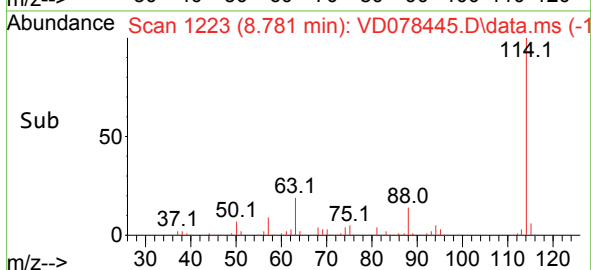
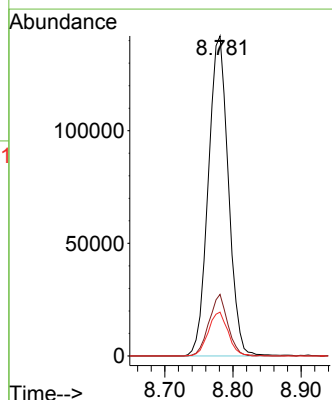
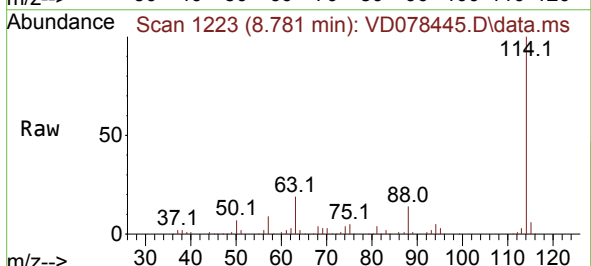
Tgt Ion: 114 Resp: 291008

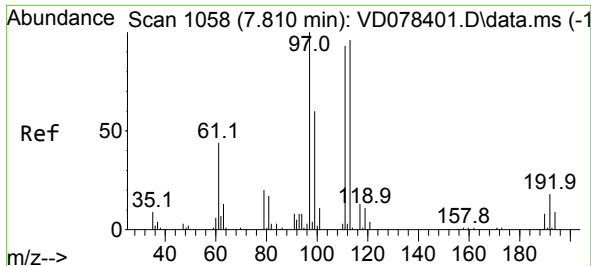
Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.796 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

Instrument :

MSVOA_D

ClientSampleId :

WC-1D-VOC

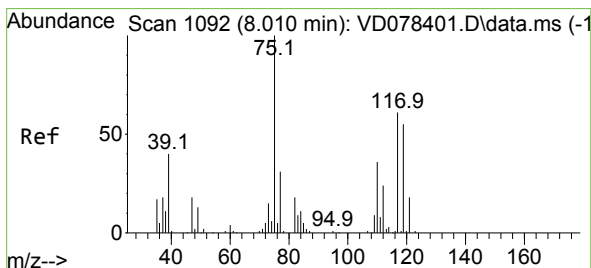
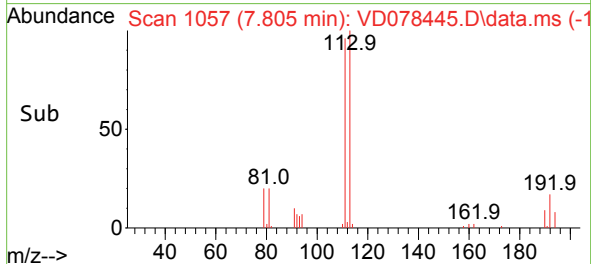
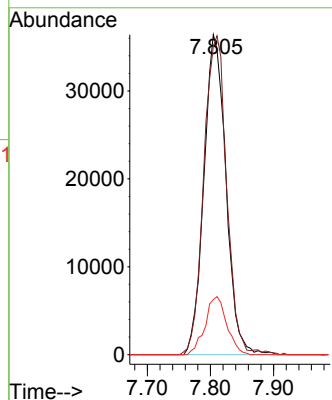
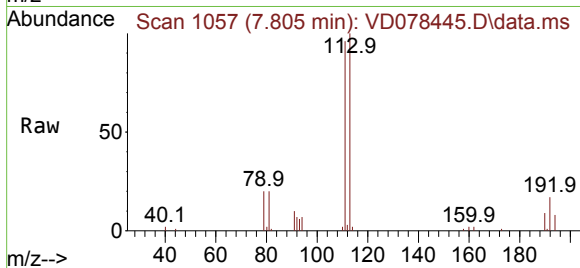
Tgt Ion:113 Resp: 88353

Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 17.8 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.361 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

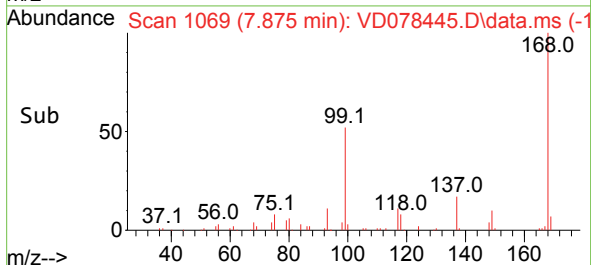
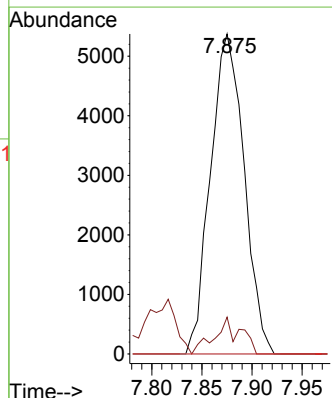
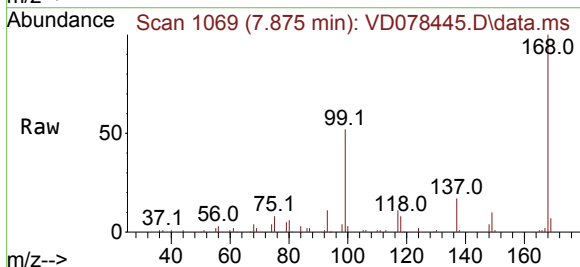
Tgt Ion: 75 Resp: 12522

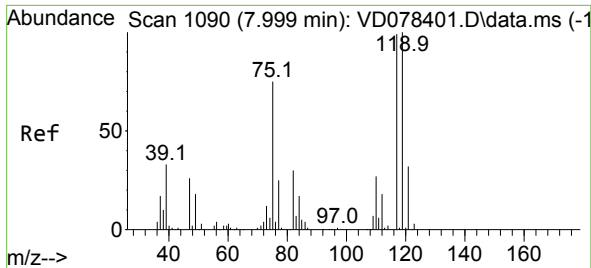
Ion Ratio Lower Upper

75 100

110 8.9 19.9 59.6#

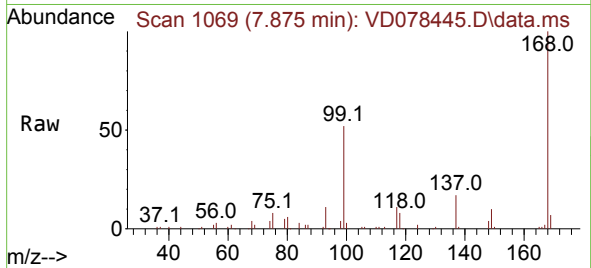
77 0.0 24.7 37.1#



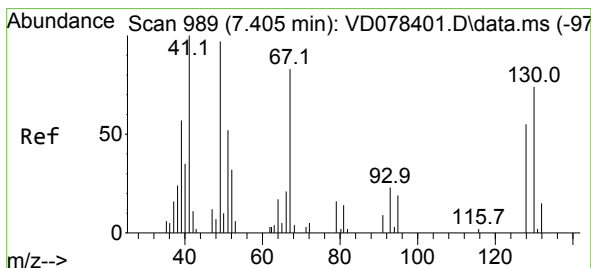
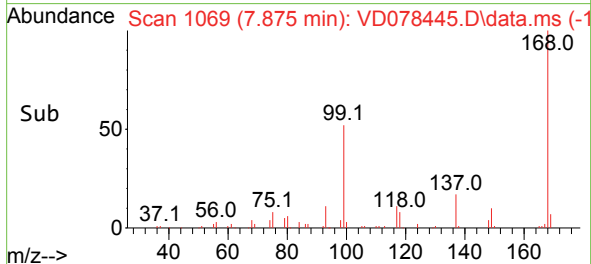
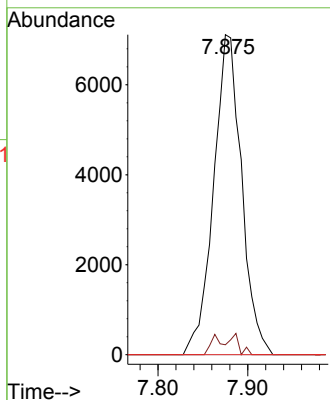


#38
Carbon Tetrachloride
Concen: 5.413 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-1D-VOC

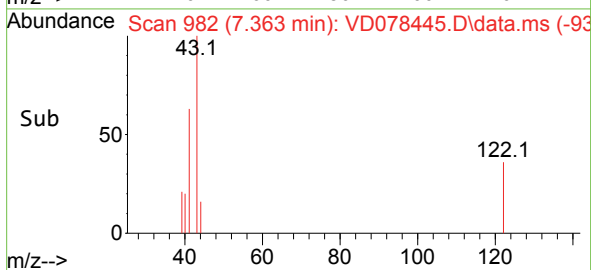
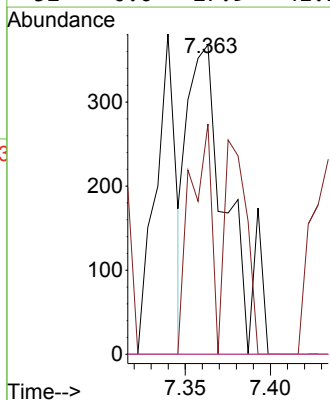
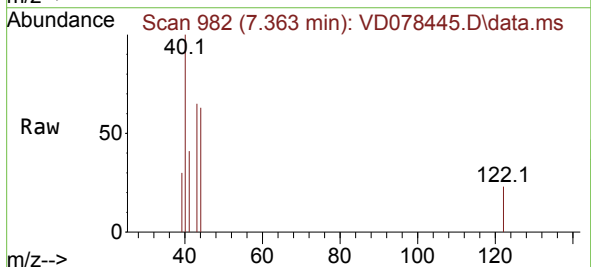


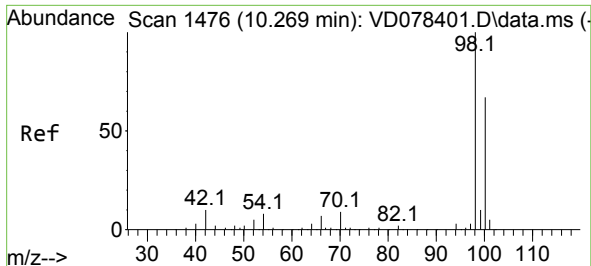
Tgt Ion:117 Resp: 15394
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: 1.159 ug/l
RT: 7.363 min Scan# 982
Delta R.T. -0.041 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Tgt Ion: 41 Resp: 607
Ion Ratio Lower Upper
41 100
39 39.2 34.0 51.0
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#

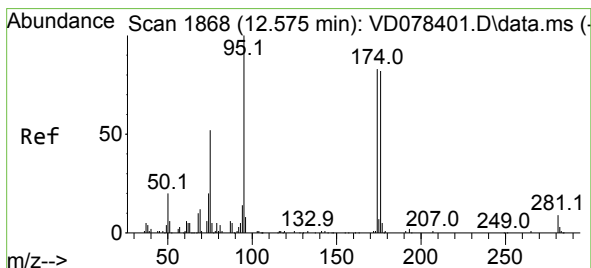
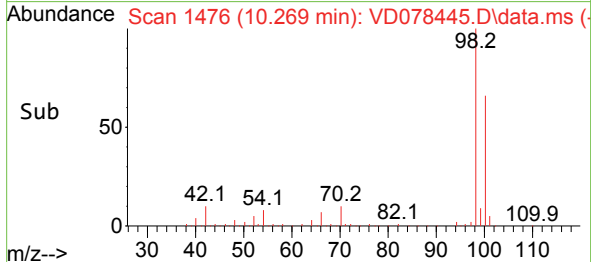
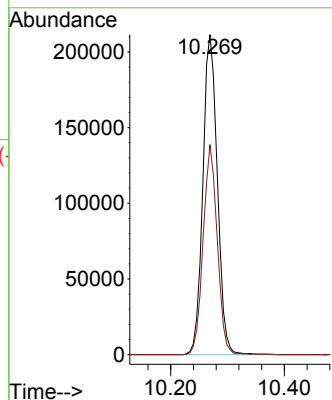
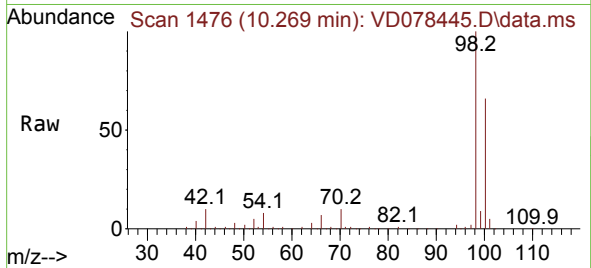




#50
Toluene-d8
Concen: 50.576 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

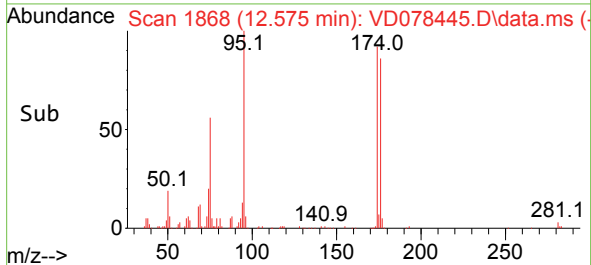
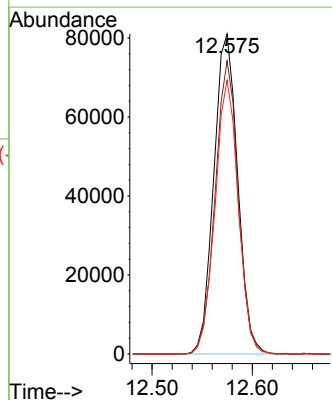
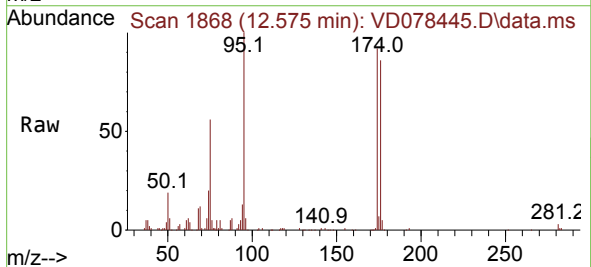
Instrument :
MSVOA_D
ClientSampleId :
WC-1D-VOC

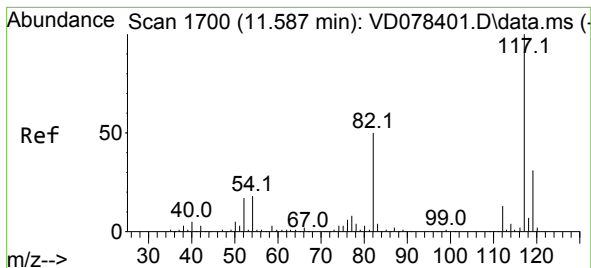
Tgt Ion: 98 Resp: 373988
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 61.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Tgt Ion: 95 Resp: 133180
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 83.6 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

Instrument :

MSVOA_D

ClientSampleId :

WC-1D-VOC

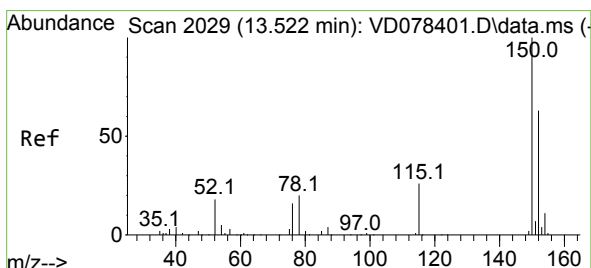
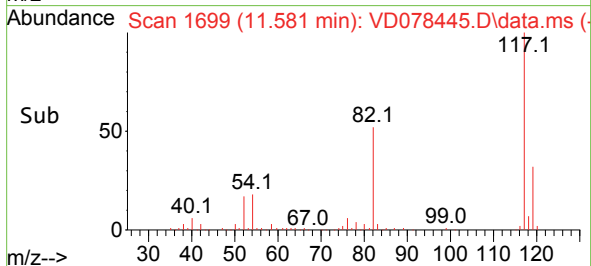
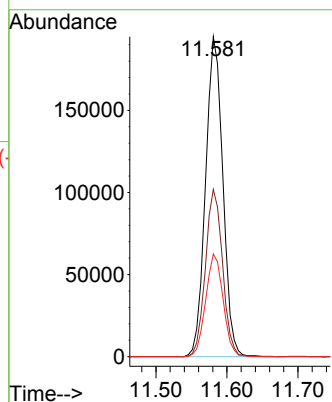
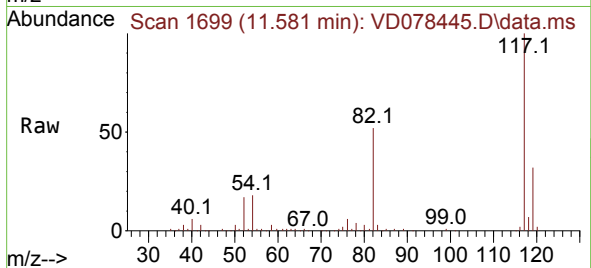
Tgt Ion:117 Resp: 330490

Ion Ratio Lower Upper

117 100

82 52.3 38.3 57.5

119 32.1 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078445.D

Acq: 15 Feb 2024 19:33

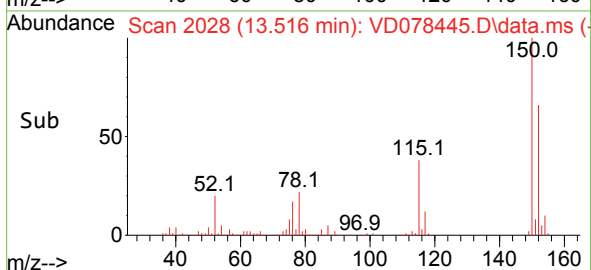
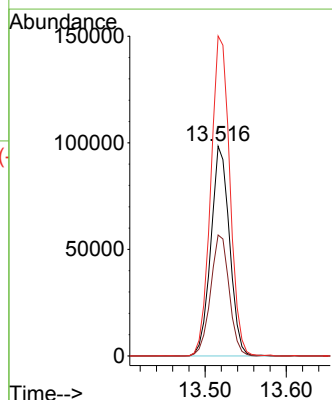
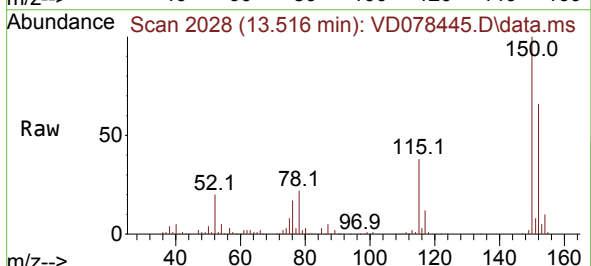
Tgt Ion:152 Resp: 156952

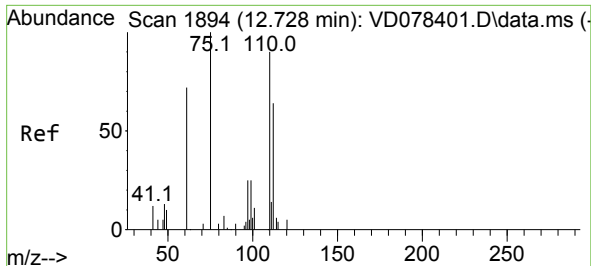
Ion Ratio Lower Upper

152 100

115 57.5 27.1 81.3

150 155.7 0.0 353.6

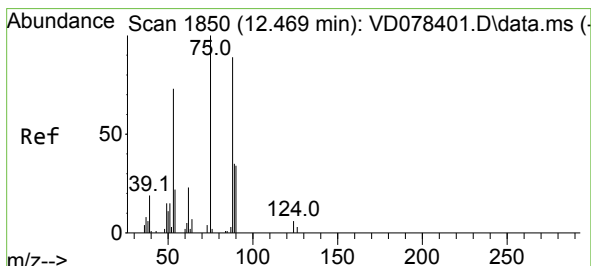
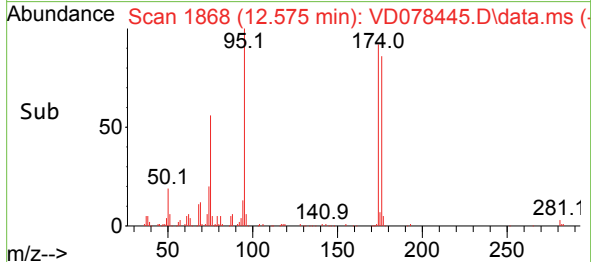
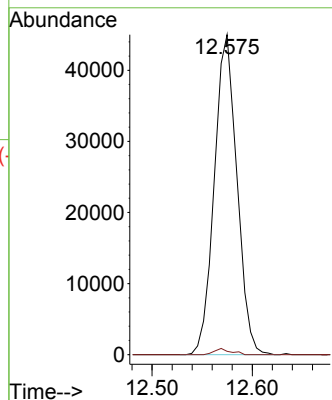
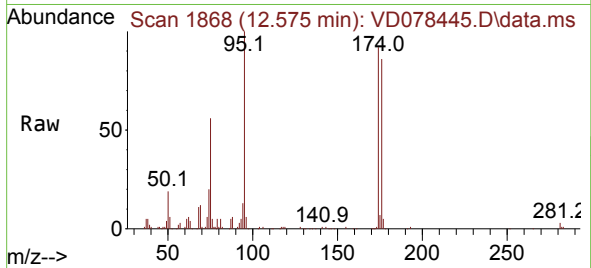




#76
1,2,3-Trichloropropane
Concen: 52.887 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Instrument :
MSVOA_D
ClientSampleId :
WC-1D-VOC

Tgt Ion: 75 Resp: 70471
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.795 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078445.D
Acq: 15 Feb 2024 19:33

Tgt Ion: 75 Resp: 70471
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

