

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021524\
 Data File : VD078444.D
 Acq On : 15 Feb 2024 19:05
 Operator : RP/MD
 Sample : P1505-11
 Misc : 4.57G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2S-VOC

Quant Time: Feb 16 02:39:42 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)

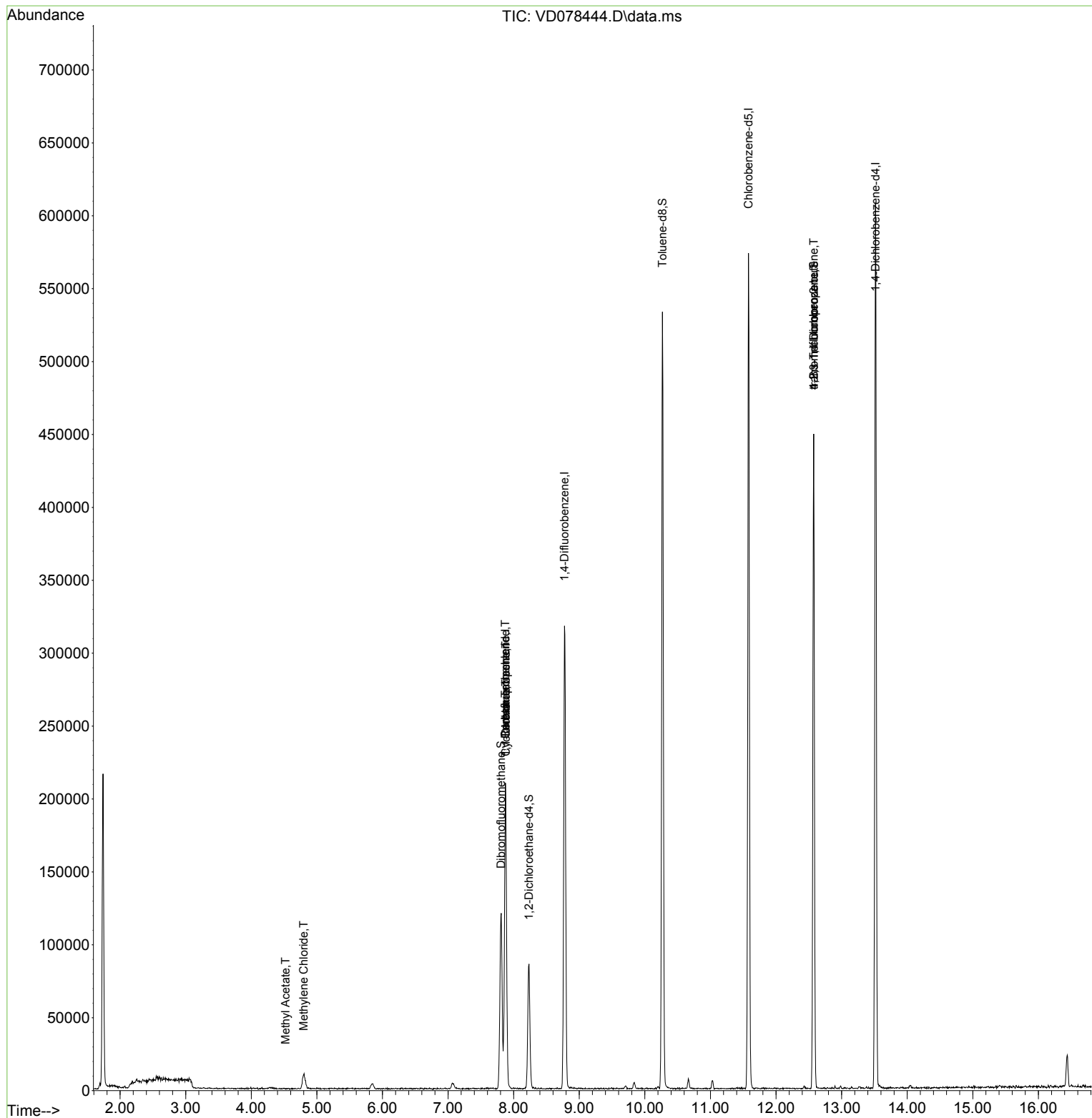
Internal Standards						
1) Pentafluorobenzene	7.875	168	155638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	296847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	337451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65954	39.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.380%
35) Dibromofluoromethane	7.810	113	88761	47.072	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.269	98	375735	49.813	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.620%
62) 4-Bromofluorobenzene	12.575	95	137659	62.713	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	125.420%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	425	Below Cal		94
18) Methyl Acetate	4.522	43	54	3.981 ug/l	#	42
20) Methylene Chloride	4.799	84	7830	1.085 ug/l	#	86
23) Vinyl Acetate	6.293	43	61	Below Cal	#	63
25) 2-Butanone	7.087	43	65	Below Cal	#	37
31) Cyclohexane	7.881	56	3726	1.309 ug/l	#	61
36) 1,1-Dichloropropene	7.881	75	12734	4.347 ug/l	#	46
38) Carbon Tetrachloride	7.875	117	15481	5.337 ug/l	#	14
76) 1,2,3-Trichloropropane	12.575	75	72065	51.102 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.575	75	72065	106.088 ug/l	#	17

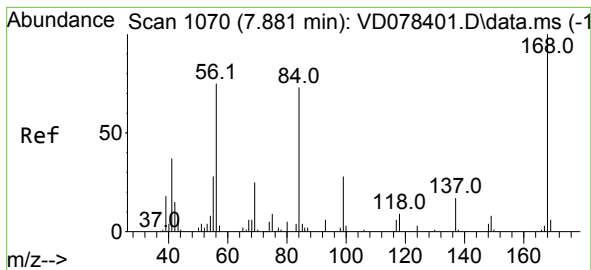
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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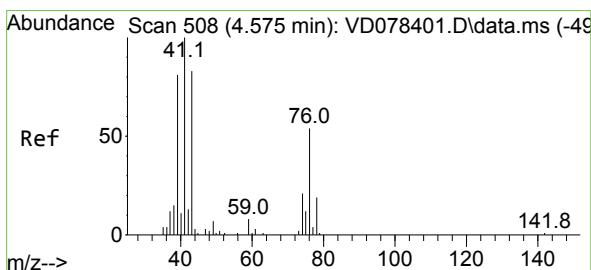
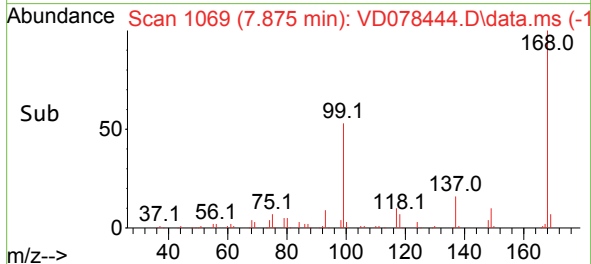
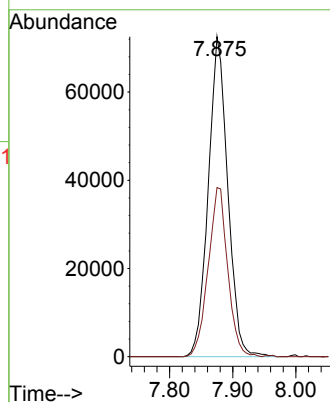
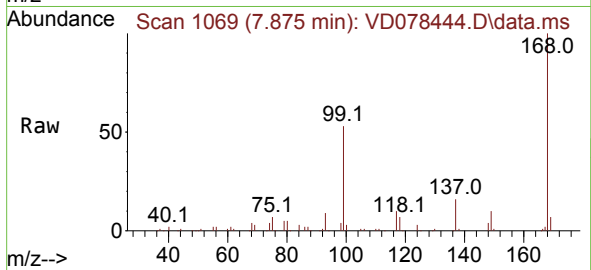




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

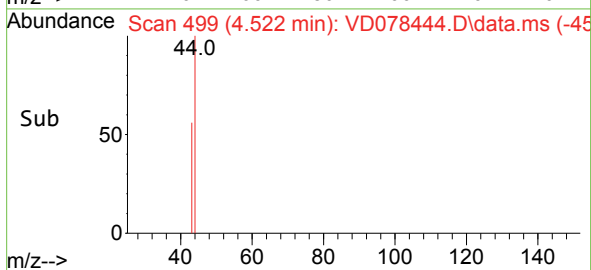
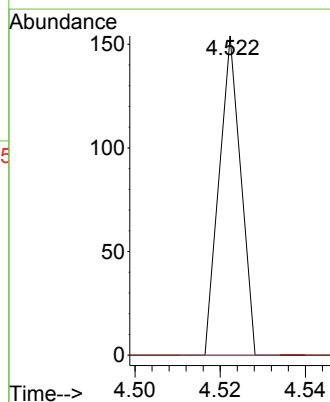
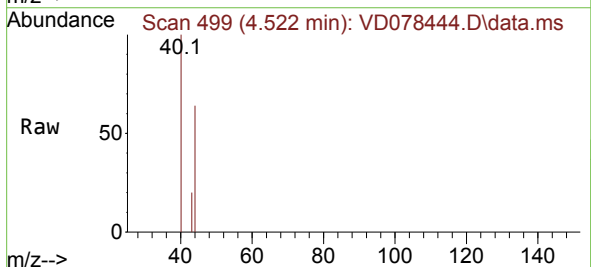
Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

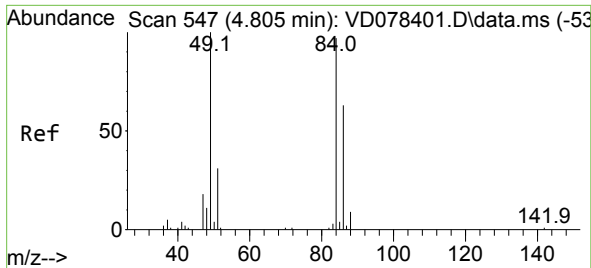
Tgt Ion:168 Resp: 155638
Ion Ratio Lower Upper
168 100
99 52.8 36.7 55.1



#18
Methyl Acetate
Concen: 3.981 ug/l
RT: 4.522 min Scan# 499
Delta R.T. -0.053 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 26.4 39.6#

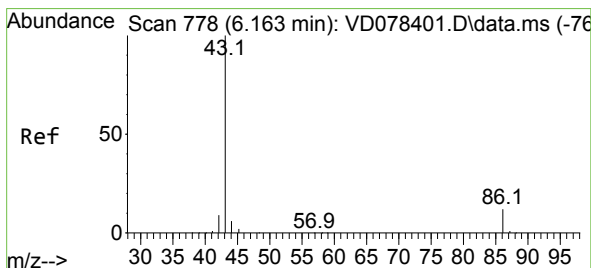
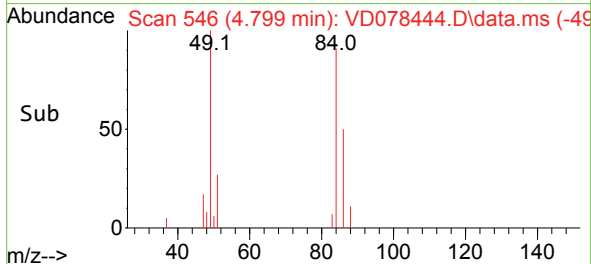
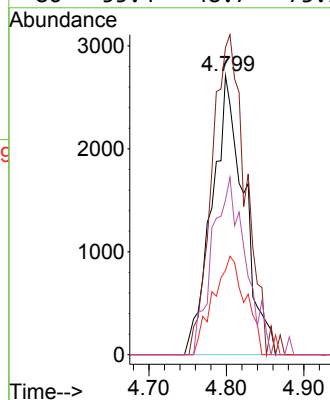
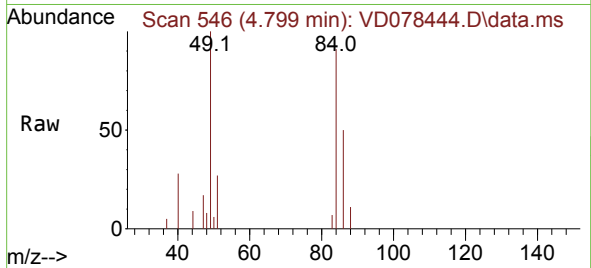




#20
Methylene Chloride
Concen: 1.085 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

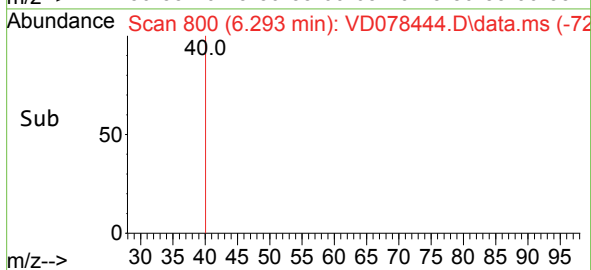
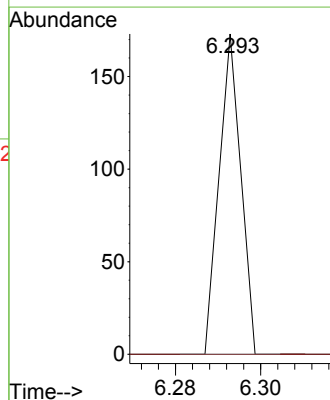
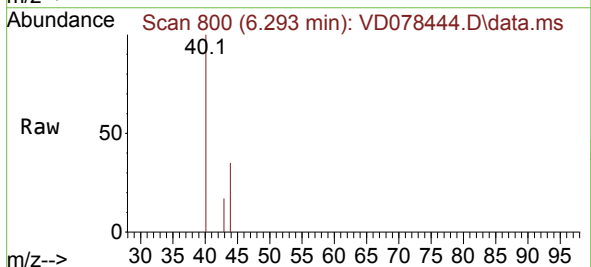
Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

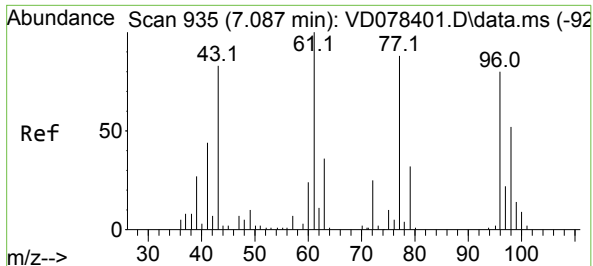
Tgt Ion:	84	Resp:	7830
Ion	Ratio	Lower	Upper
84	100		
49	110.2	71.4	107.2#
51	30.2	24.5	36.7
86	55.4	48.7	73.1



#23
Vinyl Acetate
Concen: Below Cal
RT: 6.293 min Scan# 800
Delta R.T. 0.130 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
86	0.0	12.5	18.7#





#25

2-Butanone

Concen: Below Cal

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

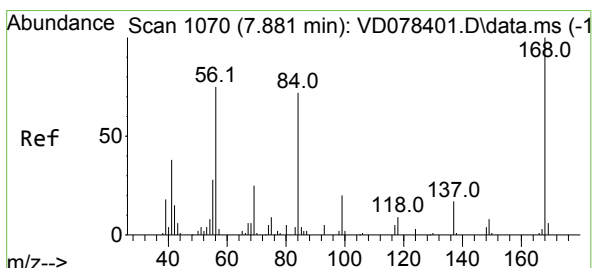
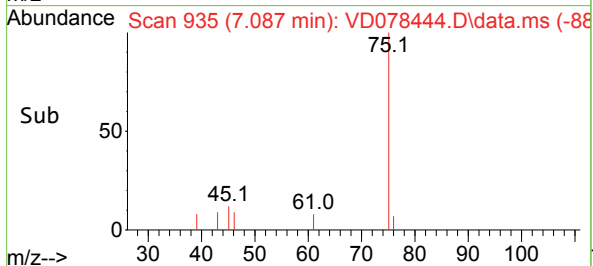
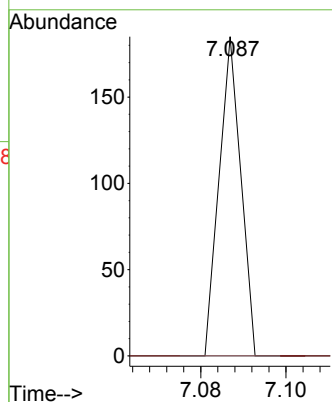
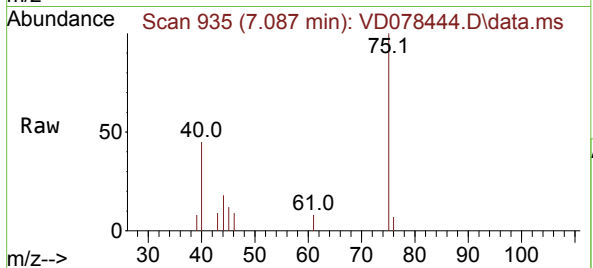
WC-2S-VOC

Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#31

Cyclohexane

Concen: 1.309 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

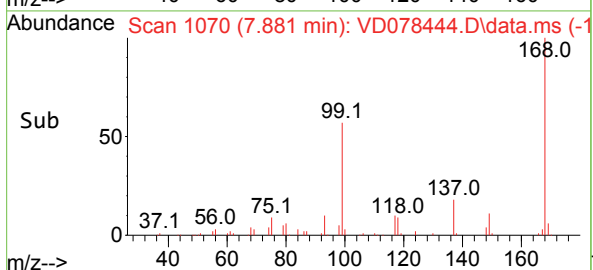
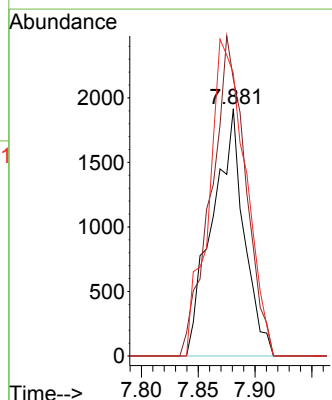
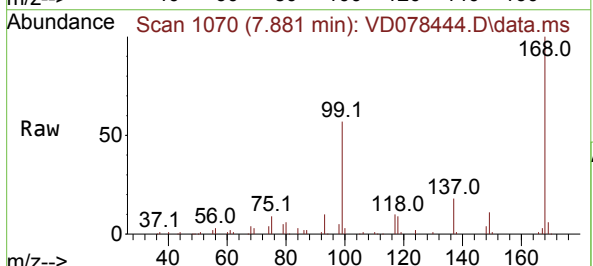
Tgt Ion: 56 Resp: 3726

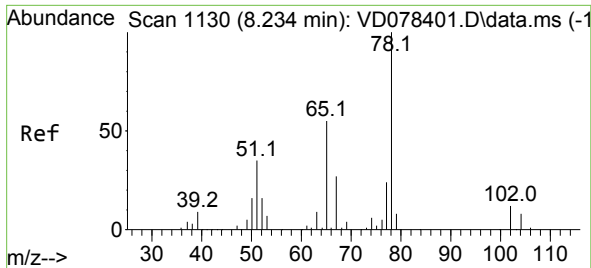
Ion Ratio Lower Upper

56 100

69 112.0 28.6 43.0#

84 114.4 84.8 127.2

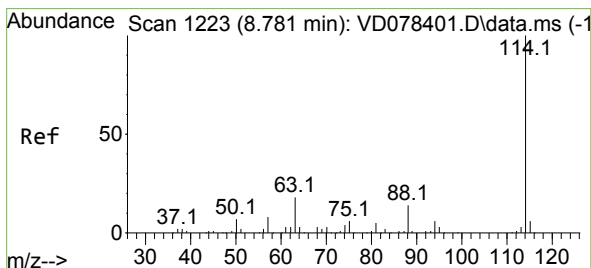
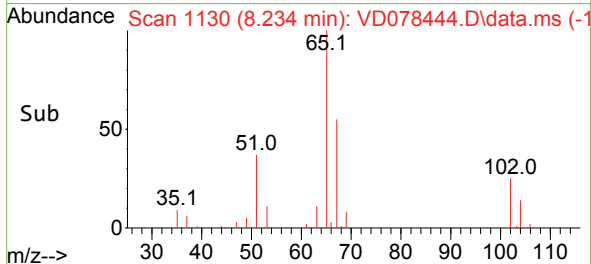
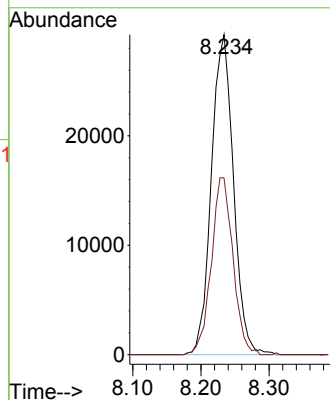
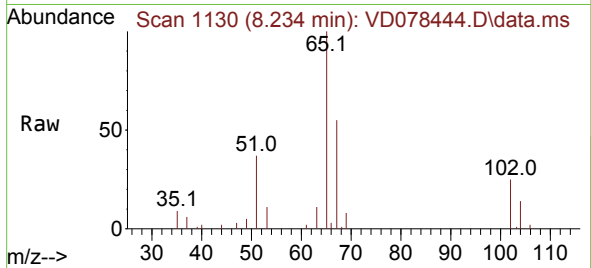




#33
1,2-Dichloroethane-d4
Concen: 39.192 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

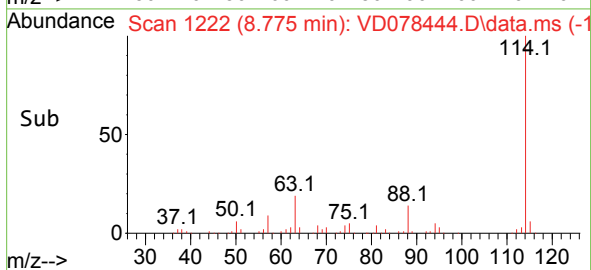
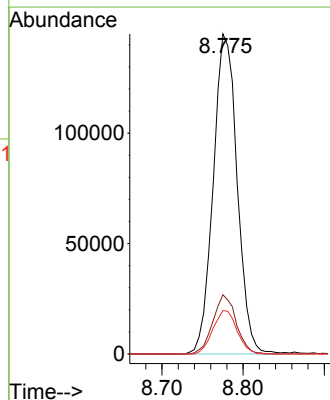
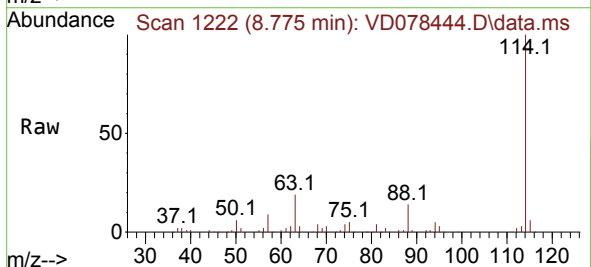
Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

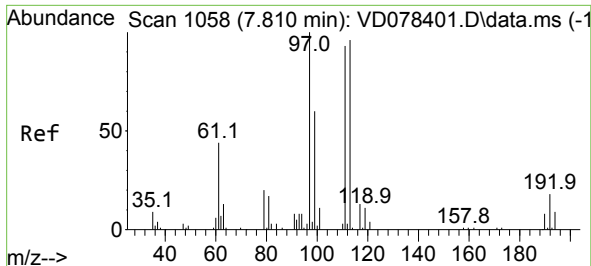
Tgt Ion: 65 Resp: 65954
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 114 Resp: 296847
Ion Ratio Lower Upper
114 100
63 18.5 0.0 33.4
88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 47.072 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

WC-2S-VOC

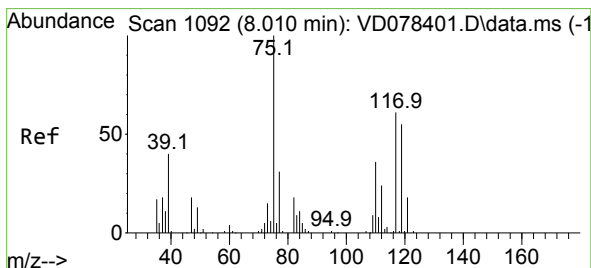
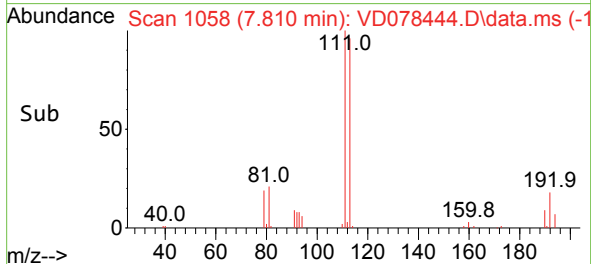
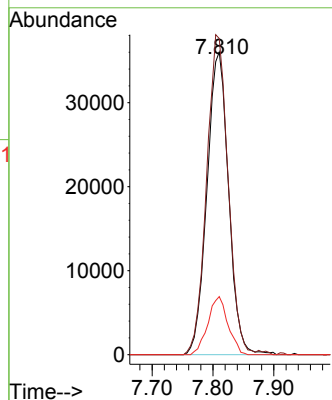
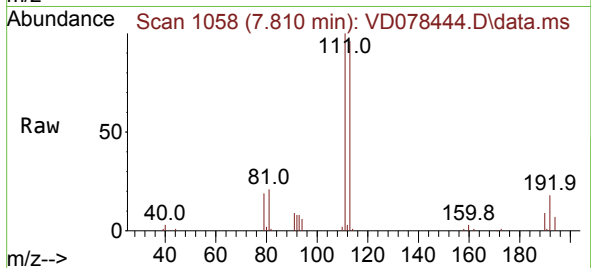
Tgt Ion:113 Resp: 88761

Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

192 17.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.347 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

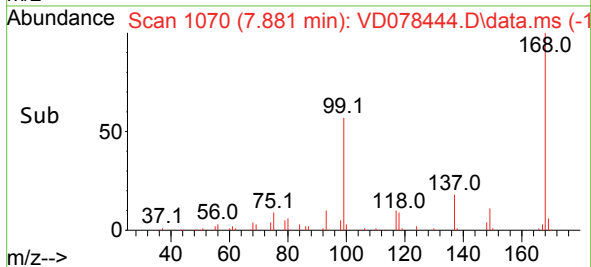
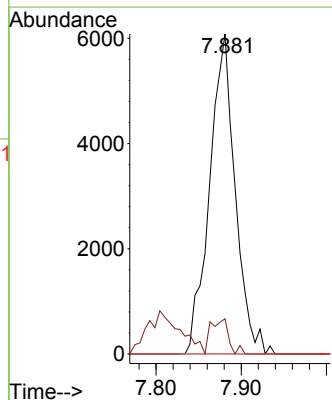
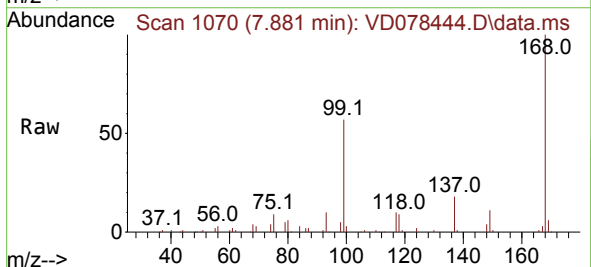
Tgt Ion: 75 Resp: 12734

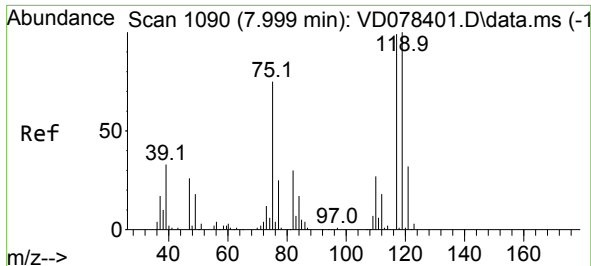
Ion Ratio Lower Upper

75 100

110 7.7 19.9 59.6#

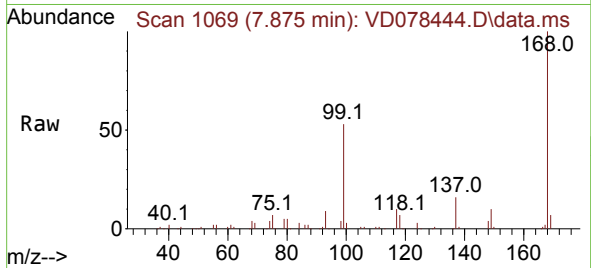
77 0.0 24.7 37.1#



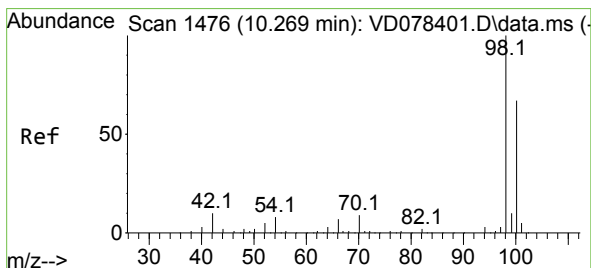
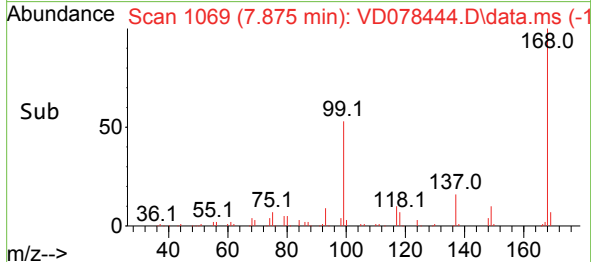
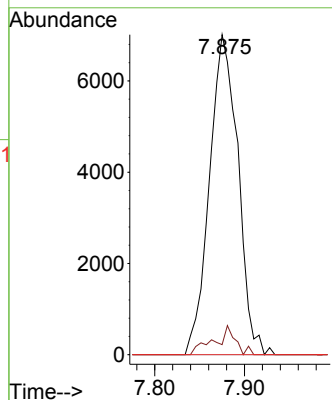


#38
Carbon Tetrachloride
Concen: 5.337 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.124 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

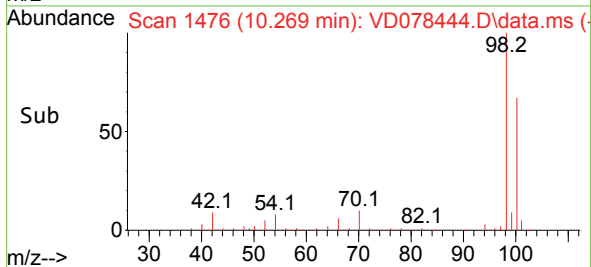
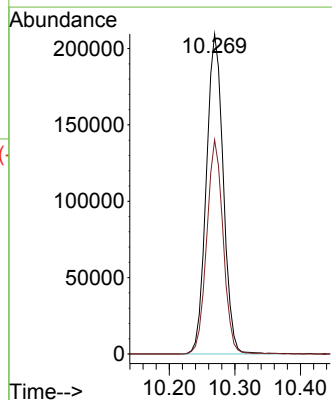
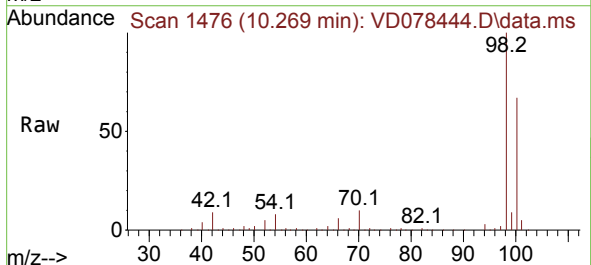


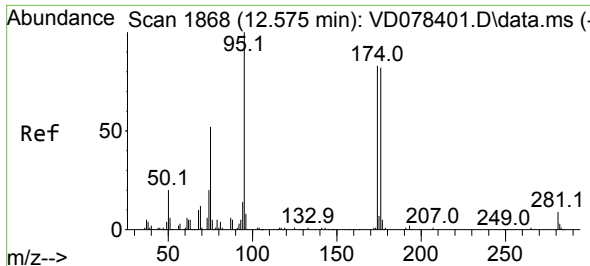
Tgt Ion:117 Resp: 15481
Ion Ratio Lower Upper
117 100
119 3.2 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.813 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 98 Resp: 375735
Ion Ratio Lower Upper
98 100
100 64.8 50.3 75.5

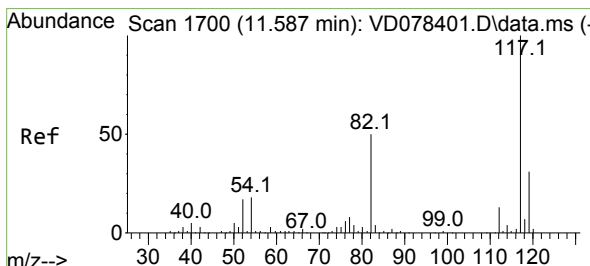
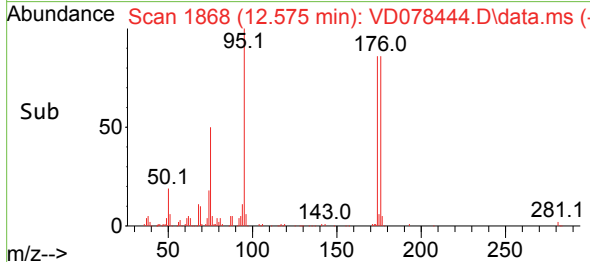
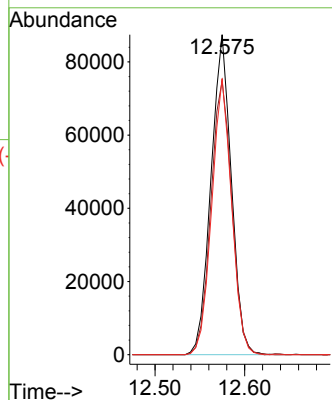
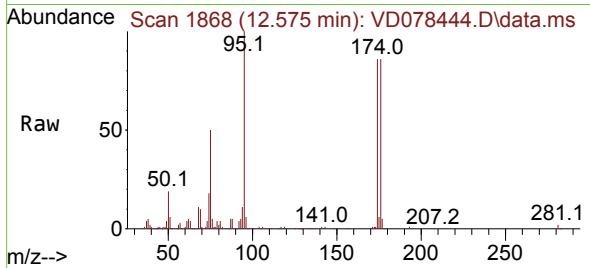




#62
4-Bromofluorobenzene
Concen: 62.713 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

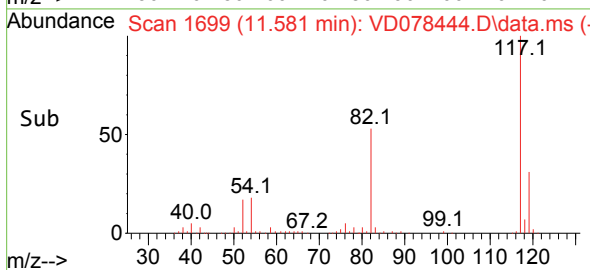
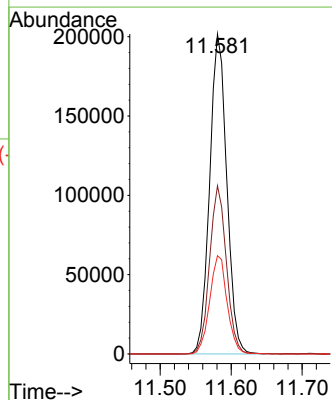
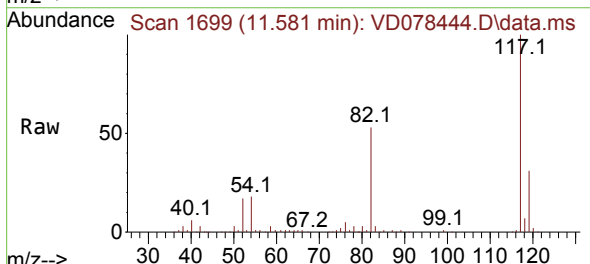
Instrument :
MSVOA_D
ClientSampleId :
WC-2S-VOC

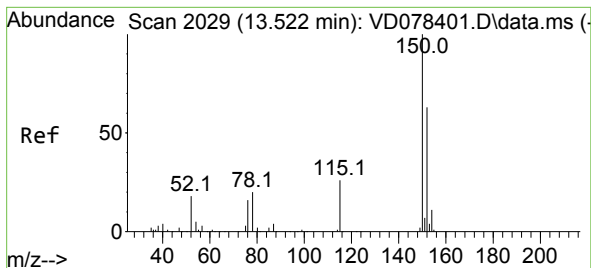
Tgt Ion: 95 Resp: 137659
Ion Ratio Lower Upper
95 100
174 88.5 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078444.D
Acq: 15 Feb 2024 19:05

Tgt Ion: 117 Resp: 337451
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 30.7 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD078444.D

Acq: 15 Feb 2024 19:05

Instrument :

MSVOA_D

ClientSampleId :

WC-2S-VOC

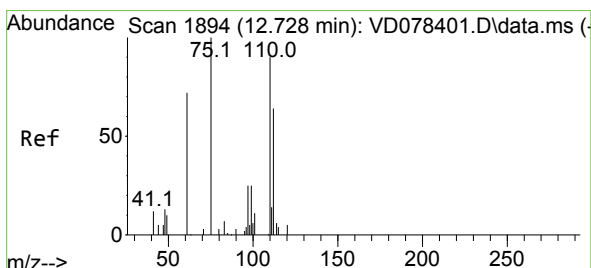
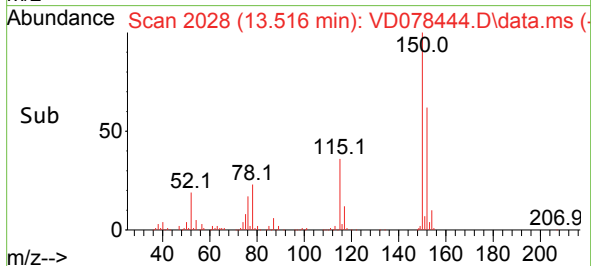
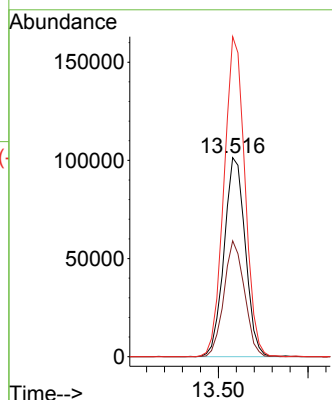
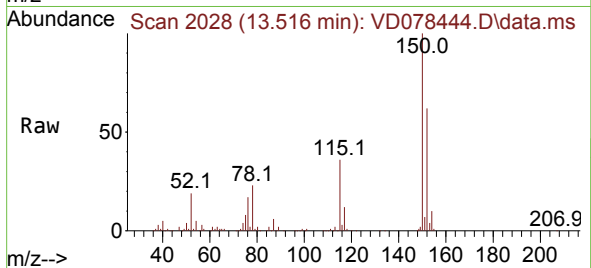
Tgt Ion:152 Resp: 166111

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 158.8 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 51.102 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.153 min

Lab File: VD078444.D

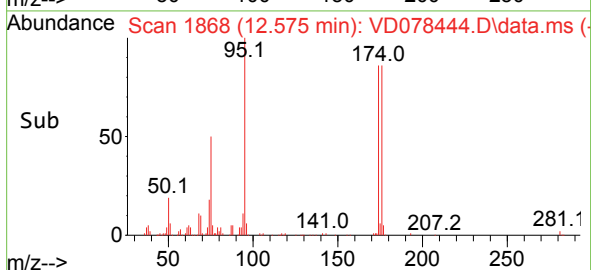
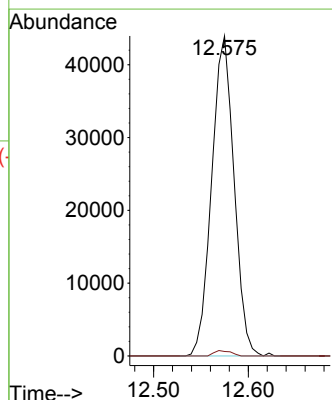
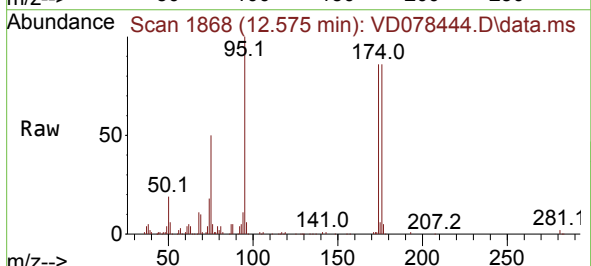
Acq: 15 Feb 2024 19:05

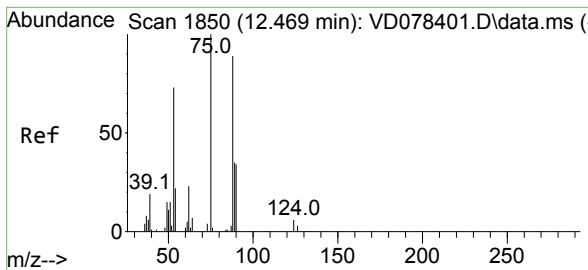
Tgt Ion: 75 Resp: 72065

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.088 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078444.D
 Acq: 15 Feb 2024 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-2S-VOC

Tgt Ion:	75	Resp:	72065
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

