

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078934.D
 Acq On : 15 May 2024 17:11
 Operator : RP/MD
 Sample : P2486-03
 Misc : 6.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WCS-TPK-VOC

Quant Time: May 16 01:26:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	96899	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	237493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104950	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	61553	67.722	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.440%
35) Dibromofluoromethane	7.810	113	82264	52.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.080%
50) Toluene-d8	10.269	98	307735	51.924	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.840%
62) 4-Bromofluorobenzene	12.575	95	79167	47.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.100%

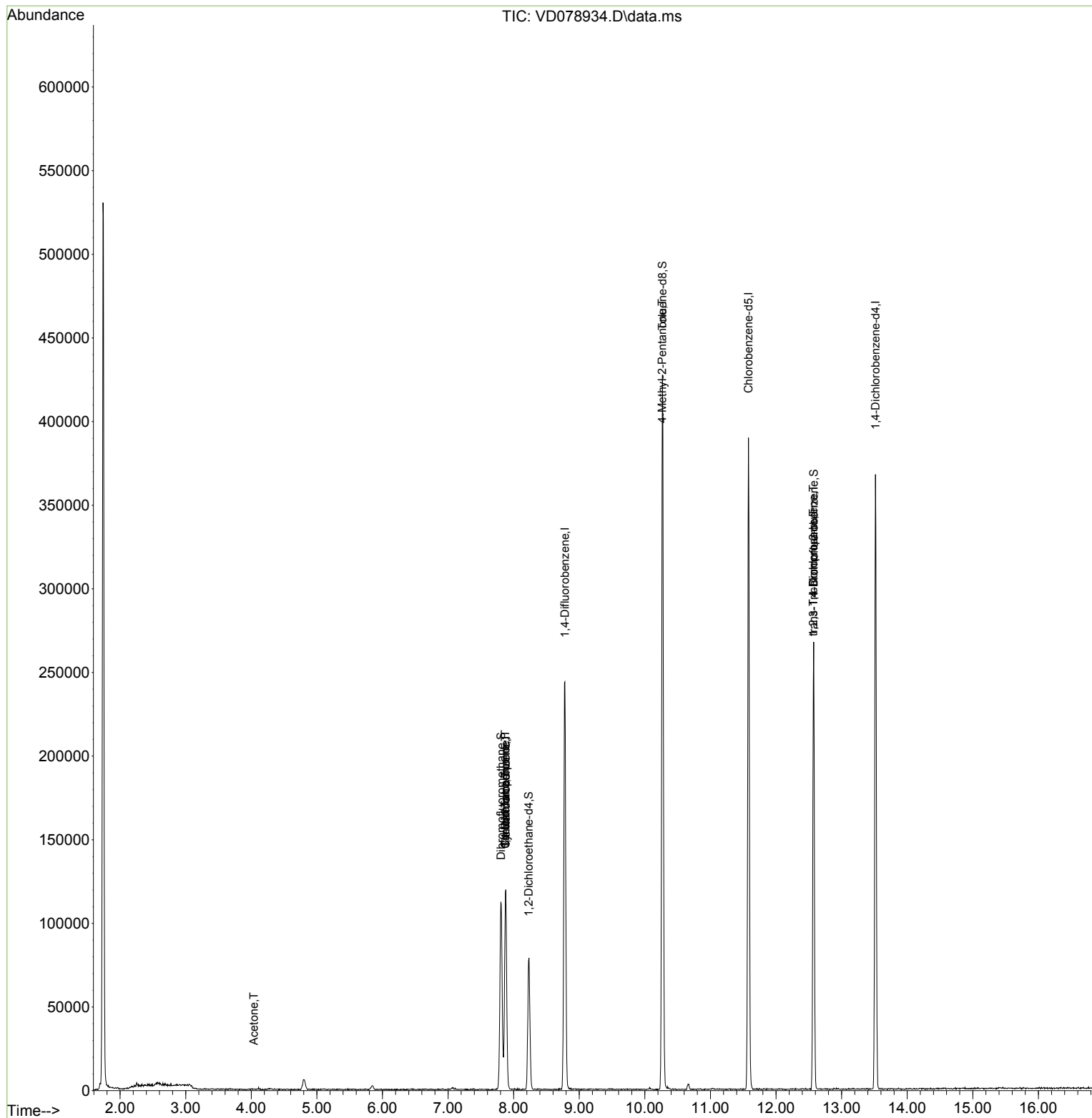
Target Compounds					Qvalue	
3) Chloromethane	2.146	50	151	Below Cal	#	40
16) Acetone	4.040	43	269	1.856	ug/l #	37
17) Carbon Disulfide	4.281	76	653	Below Cal	#	76
20) Methylene Chloride	4.810	84	5194	Below Cal	#	91
31) Cyclohexane	7.875	56	1624	1.223	ug/l #	55
36) 1,1-Dichloropropene	7.875	75	7214	3.667	ug/l #	43
38) Carbon Tetrachloride	7.875	117	9226	4.007	ug/l #	13
51) 4-Methyl-2-Pentanone	10.263	43	985	1.555	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	40412	54.696	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40412	108.463	ug/l #	19

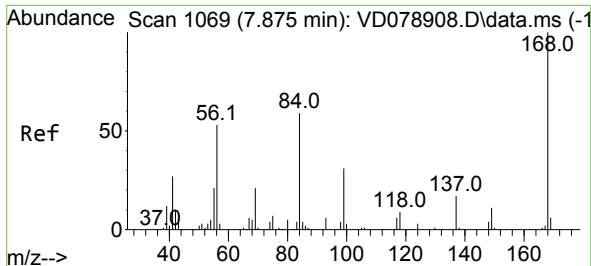
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

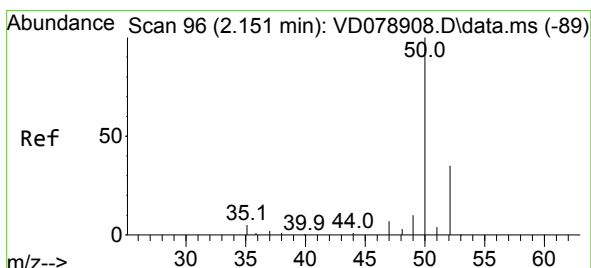
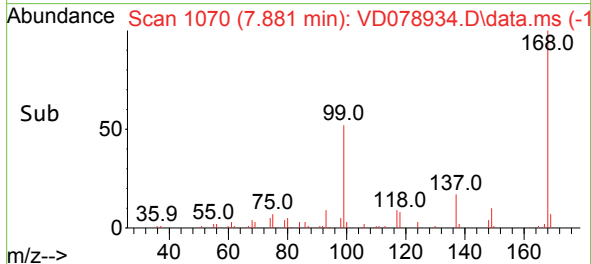
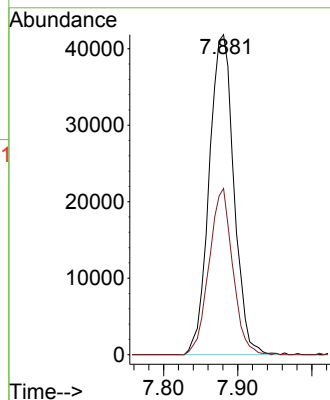
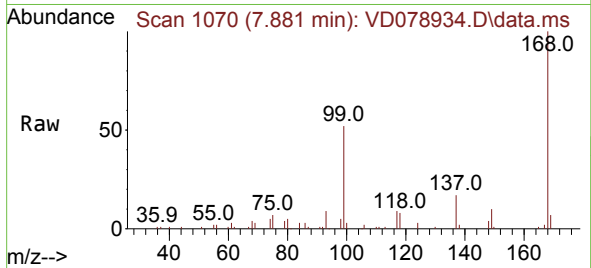




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

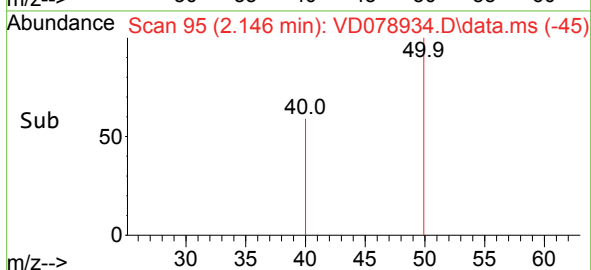
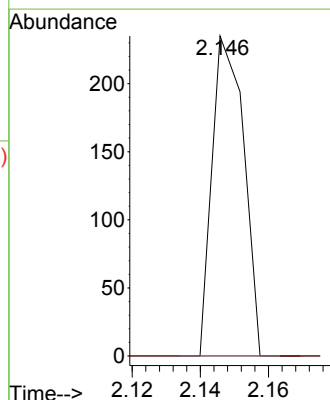
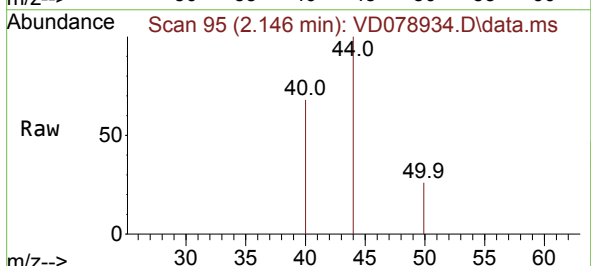
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

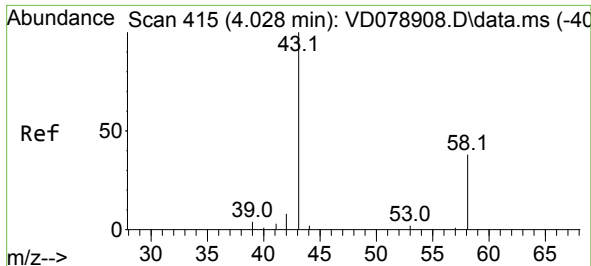
Tgt Ion:168 Resp: 96899
Ion Ratio Lower Upper
168 100
99 52.0 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.005 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 50 Resp: 151
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#





#16

Acetone

Concen: 1.856 ug/l

RT: 4.040 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD078934.D

Acq: 15 May 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

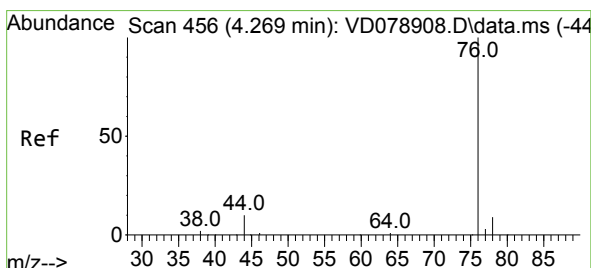
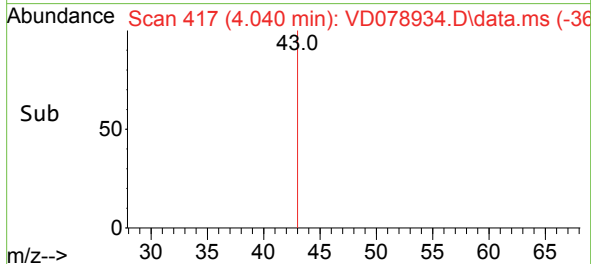
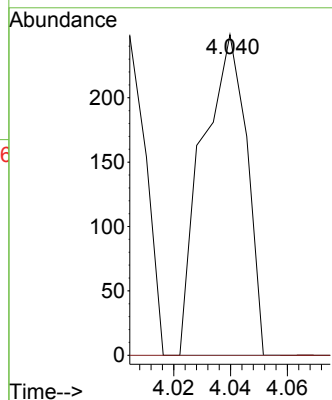
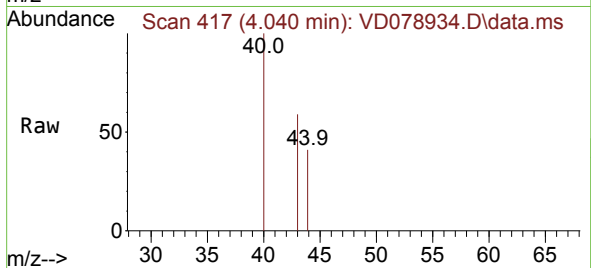
WCS-TPK-VOC

Tgt Ion: 43 Resp: 269

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.281 min Scan# 458

Delta R.T. 0.012 min

Lab File: VD078934.D

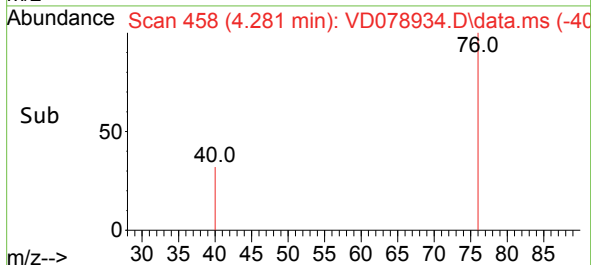
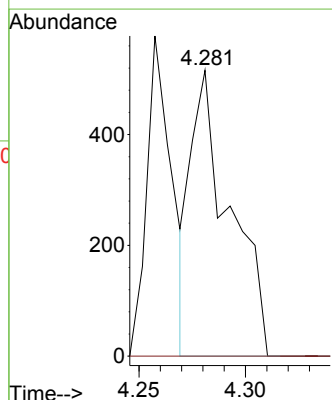
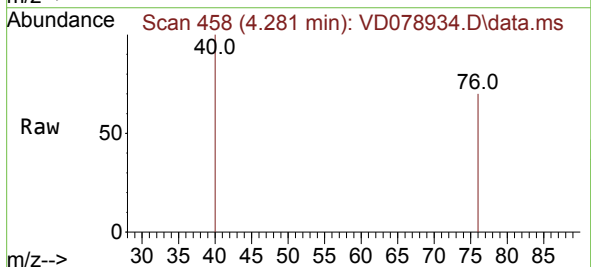
Acq: 15 May 2024 17:11

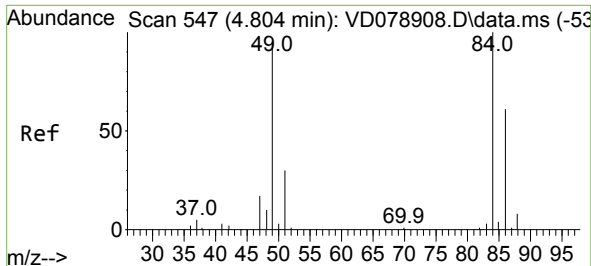
Tgt Ion: 76 Resp: 653

Ion Ratio Lower Upper

76 100

78 0.0 6.9 10.3#



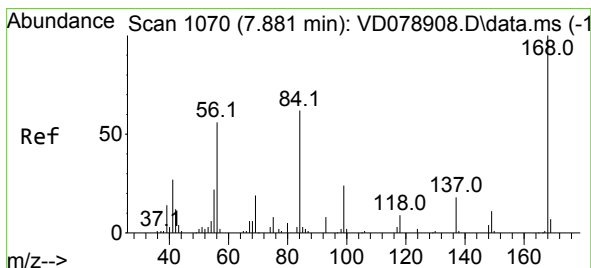
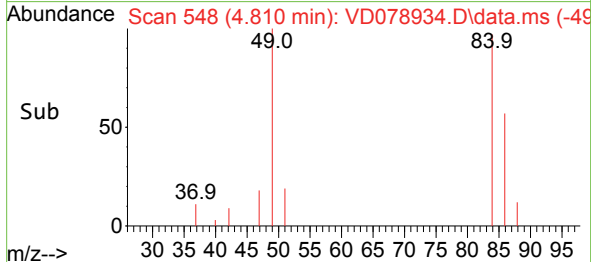
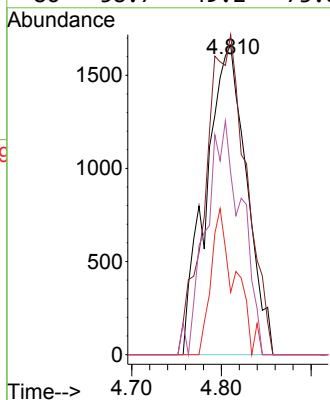
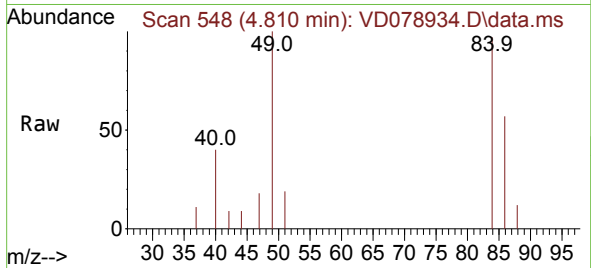


#20
Methylene Chloride
Concen: Below Cal
RT: 4.810 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

Tgt Ion: 84 Resp: 5194

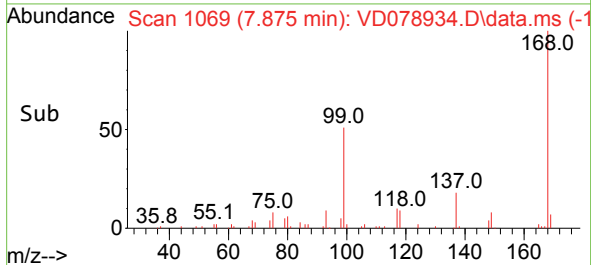
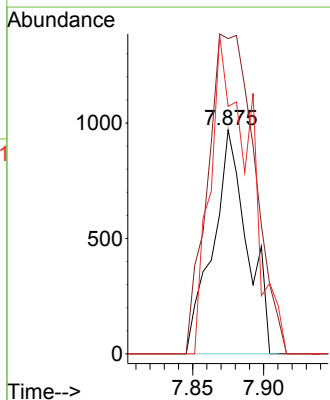
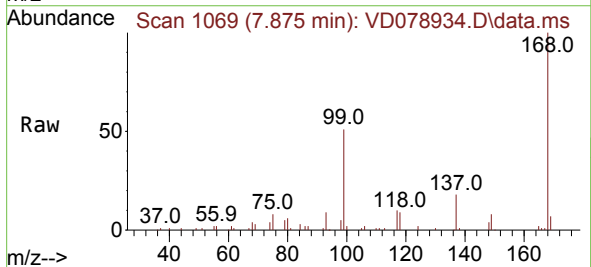
Ion	Ratio	Lower	Upper
84	100		
49	103.3	75.6	113.4
51	20.1	24.2	36.2#
86	58.7	49.2	73.8

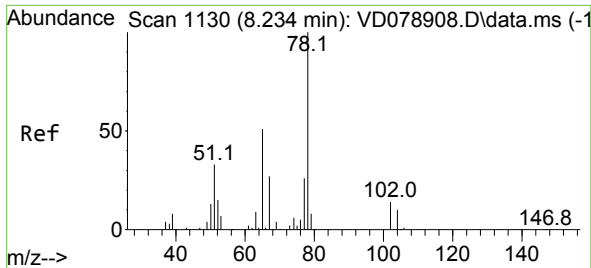


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 56 Resp: 1624

Ion	Ratio	Lower	Upper
56	100		
69	140.8	28.0	42.0#
84	110.5	87.4	131.0





#33

1,2-Dichloroethane-d4

Concen: 67.722 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078934.D

Acq: 15 May 2024 17:11

Instrument :

MSVOA_D

ClientSampleId :

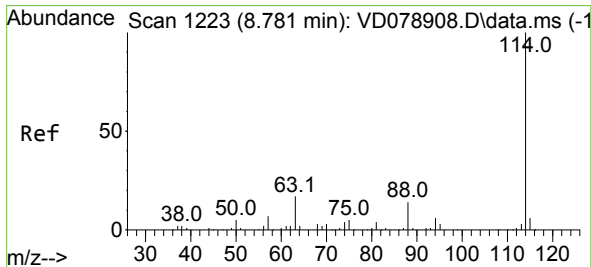
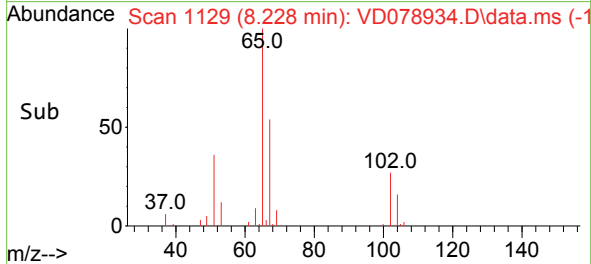
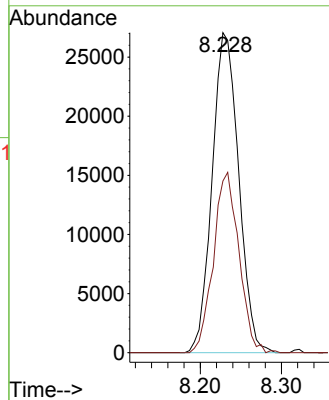
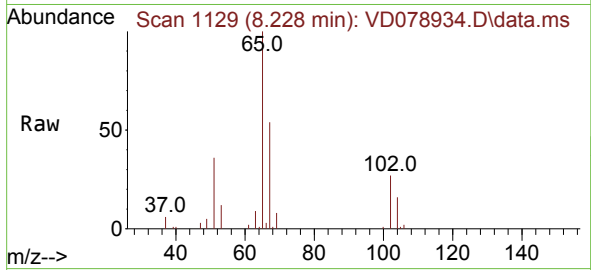
WCS-TPK-VOC

Tgt Ion: 65 Resp: 61553

Ion Ratio Lower Upper

65 100

67 54.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078934.D

Acq: 15 May 2024 17:11

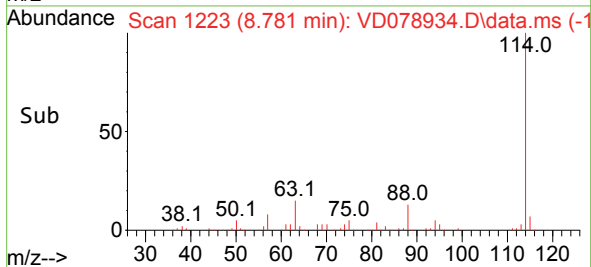
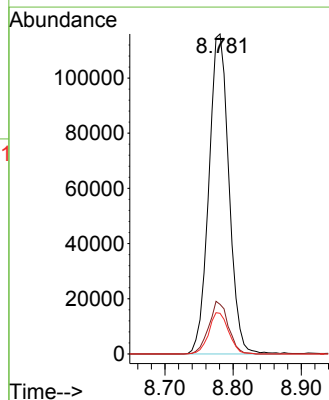
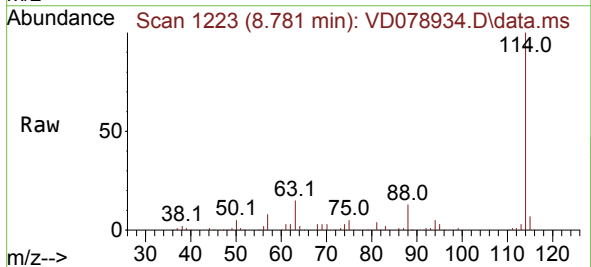
Tgt Ion: 114 Resp: 237493

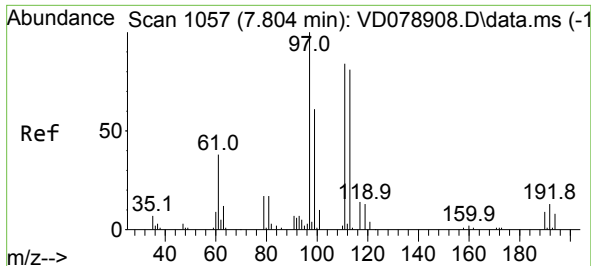
Ion Ratio Lower Upper

114 100

63 15.5 0.0 34.0

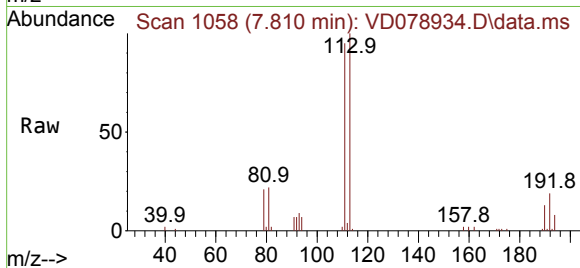
88 12.7 0.0 27.2



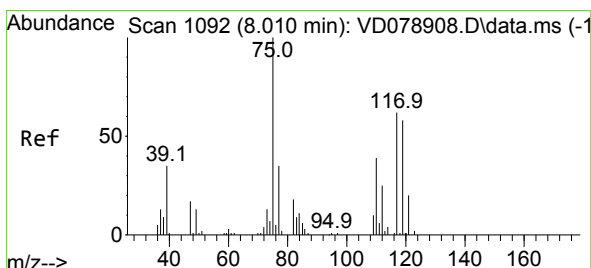
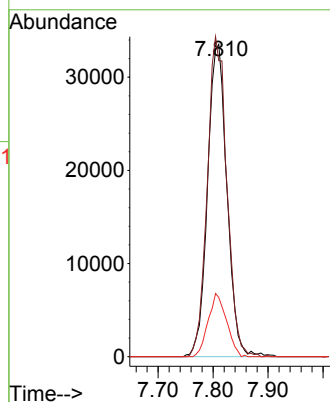
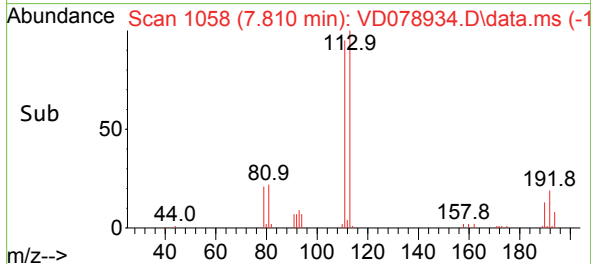


#35
Dibromofluoromethane
Concen: 52.036 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

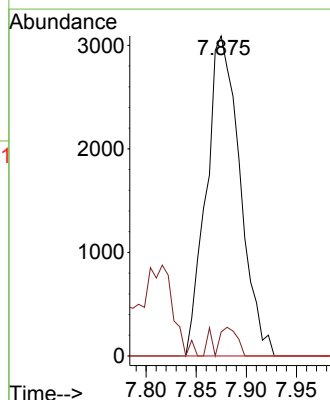
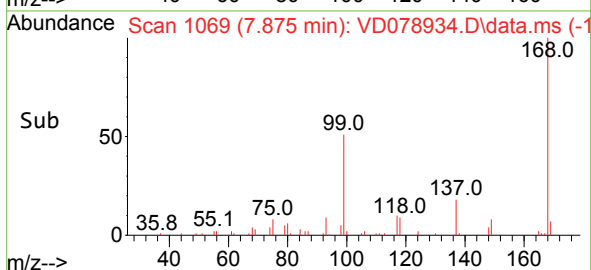
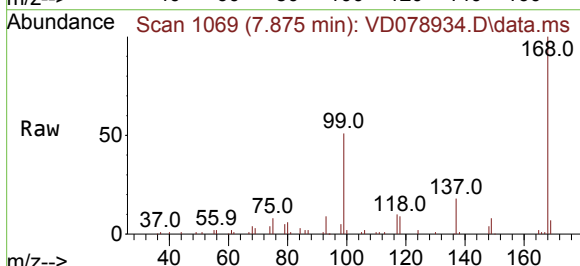


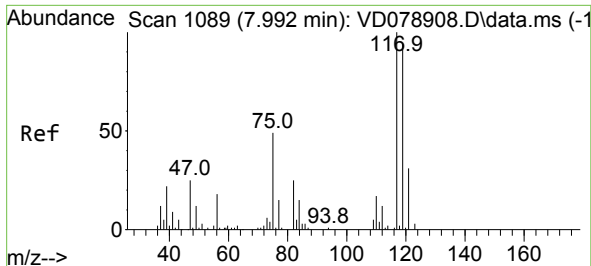
Tgt Ion:113 Resp: 82264
Ion Ratio Lower Upper
113 100
111 103.1 84.0 126.0
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.667 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

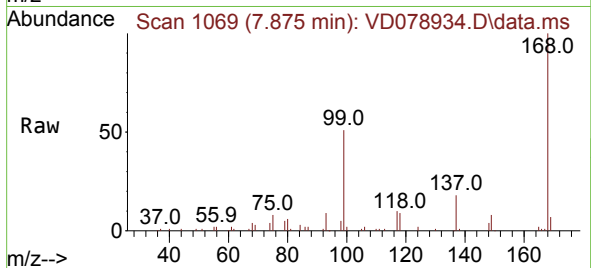
Tgt Ion: 75 Resp: 7214
Ion Ratio Lower Upper
75 100
110 4.4 19.6 58.7#
77 0.0 26.1 39.1#



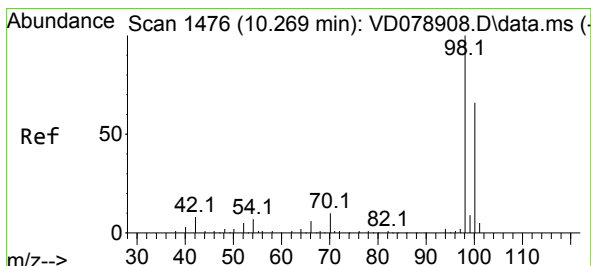
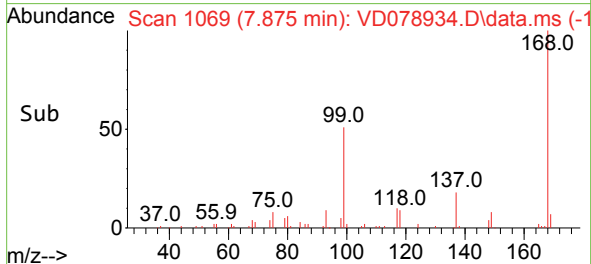
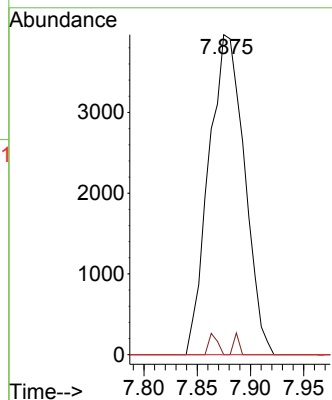


#38
Carbon Tetrachloride
Concen: 4.007 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

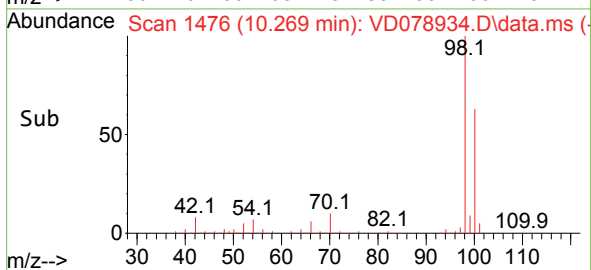
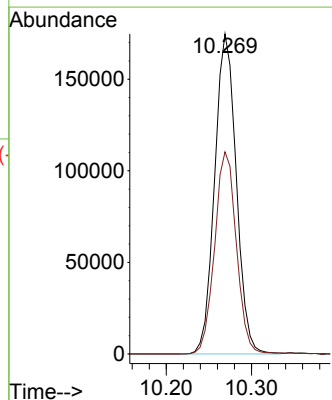
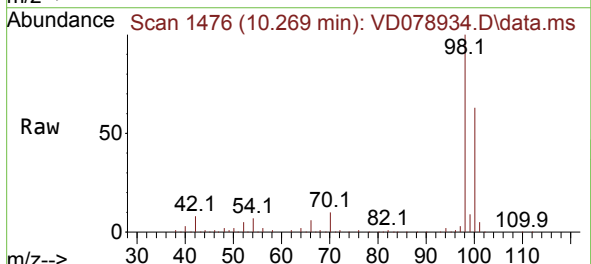


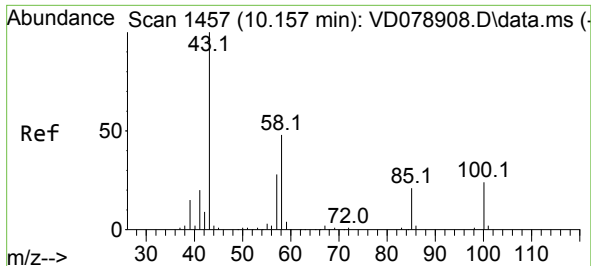
Tgt Ion:117 Resp: 9226
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 51.924 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 98 Resp: 307735
Ion Ratio Lower Upper
98 100
100 63.8 51.6 77.4

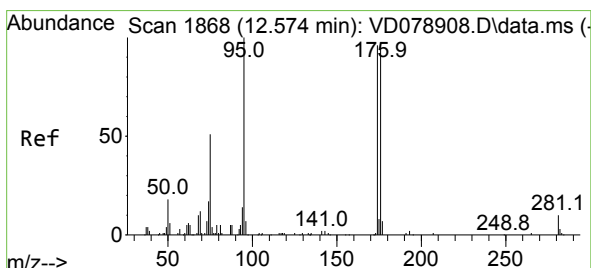
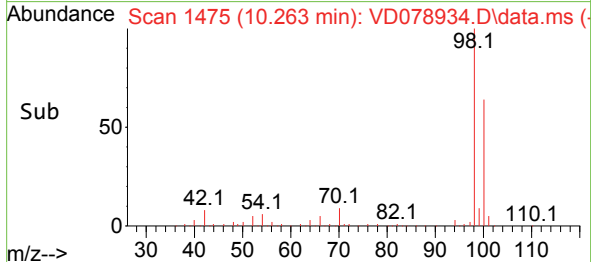
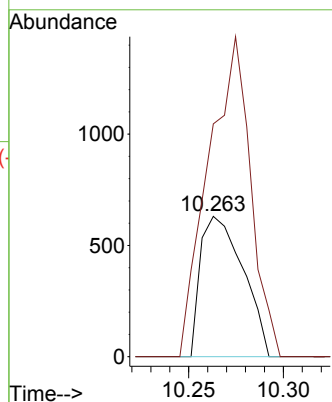
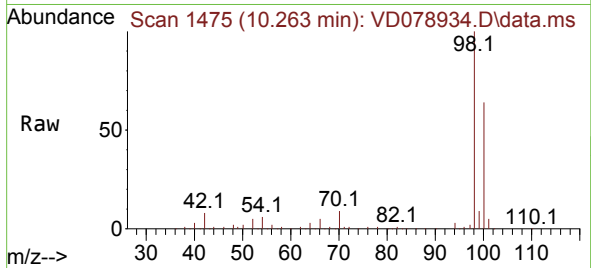




#51
4-Methyl-2-Pentanone
Concen: 1.555 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

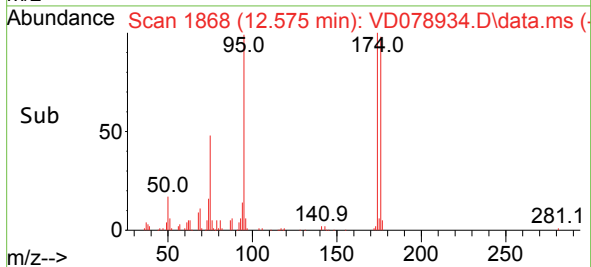
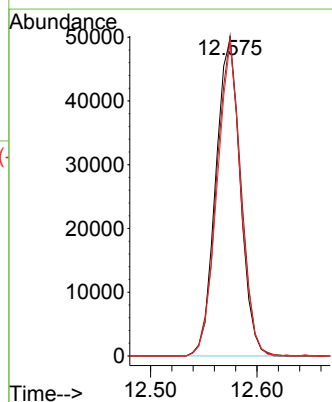
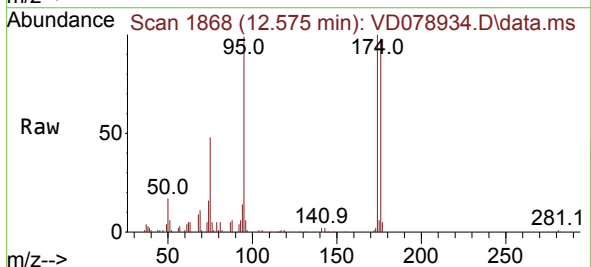
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

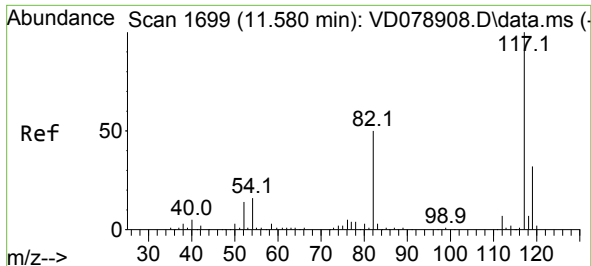
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 225.6 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 47.550 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 95 Resp: 79167
Ion Ratio Lower Upper
95 100
174 99.8 0.0 195.4
176 95.3 0.0 192.6

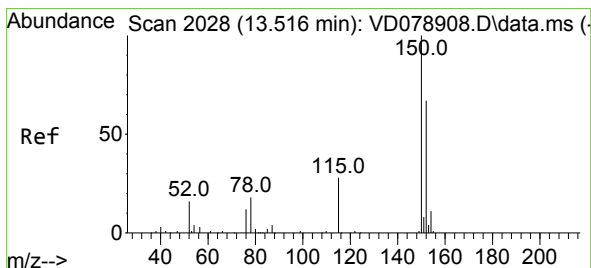
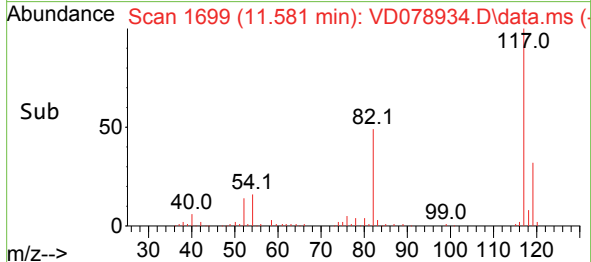
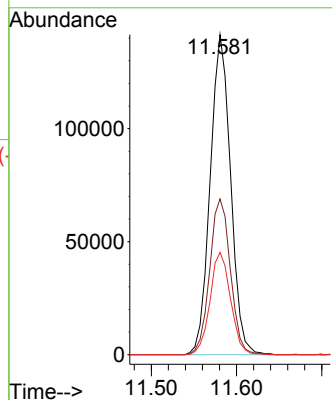
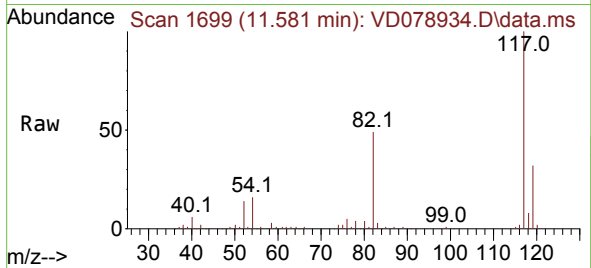




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

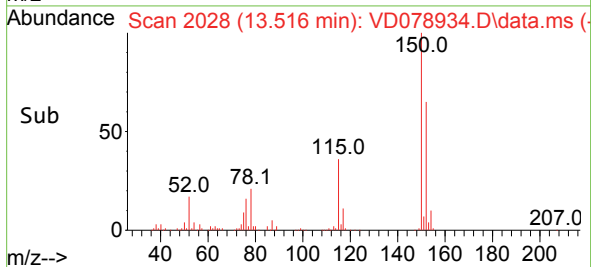
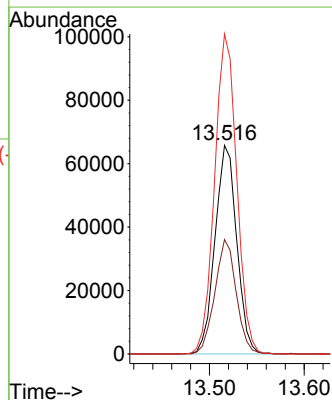
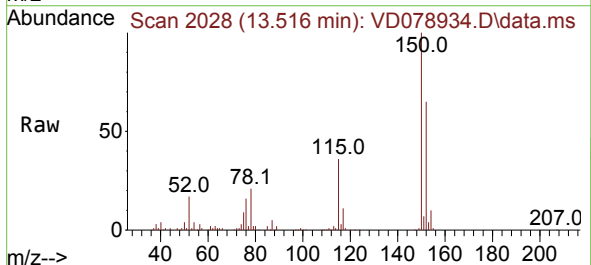
Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

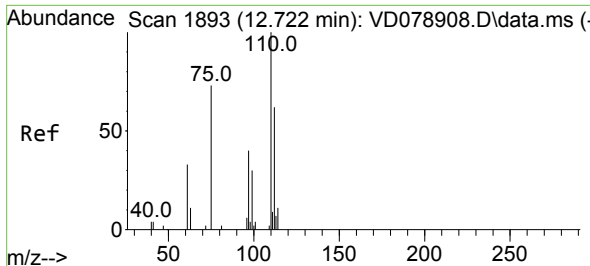
Tgt Ion:117 Resp: 235814
Ion Ratio Lower Upper
117 100
82 48.6 39.8 59.6
119 31.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion:152 Resp: 104950
Ion Ratio Lower Upper
152 100
115 54.1 26.5 79.5
150 156.1 0.0 341.6

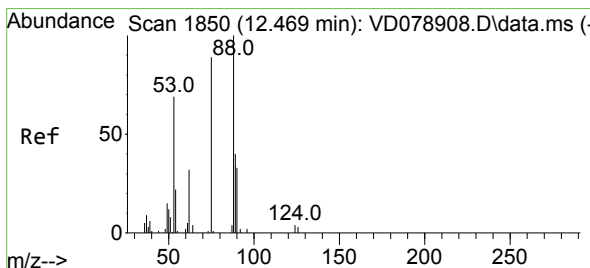
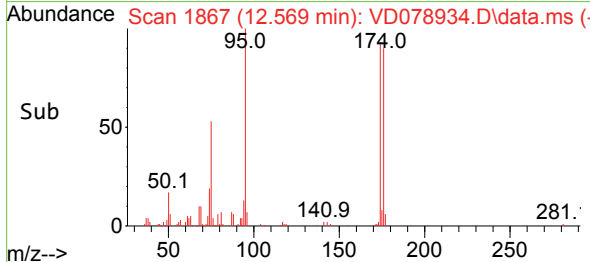
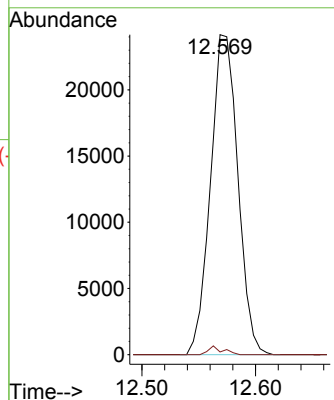
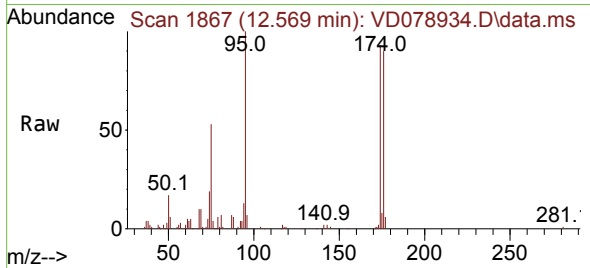




#76
1,2,3-Trichloropropane
Concen: 54.696 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Instrument :
MSVOA_D
ClientSampleId :
WCS-TPK-VOC

Tgt Ion: 75 Resp: 40412
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.463 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078934.D
Acq: 15 May 2024 17:11

Tgt Ion: 75 Resp: 40412
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

