

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
 Data File : VD078594.D
 Acq On : 04 Mar 2024 18:31
 Operator : RP/MD
 Sample : P1669-11
 Misc : 4.88G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6-VOC

Quant Time: Mar 05 04:16:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 03:50:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	122869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	87695	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76247	62.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.200%
35) Dibromofluoromethane	7.804	113	85165	54.973	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.940%
50) Toluene-d8	10.269	98	302884	50.314	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.575	95	77265	44.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.880%

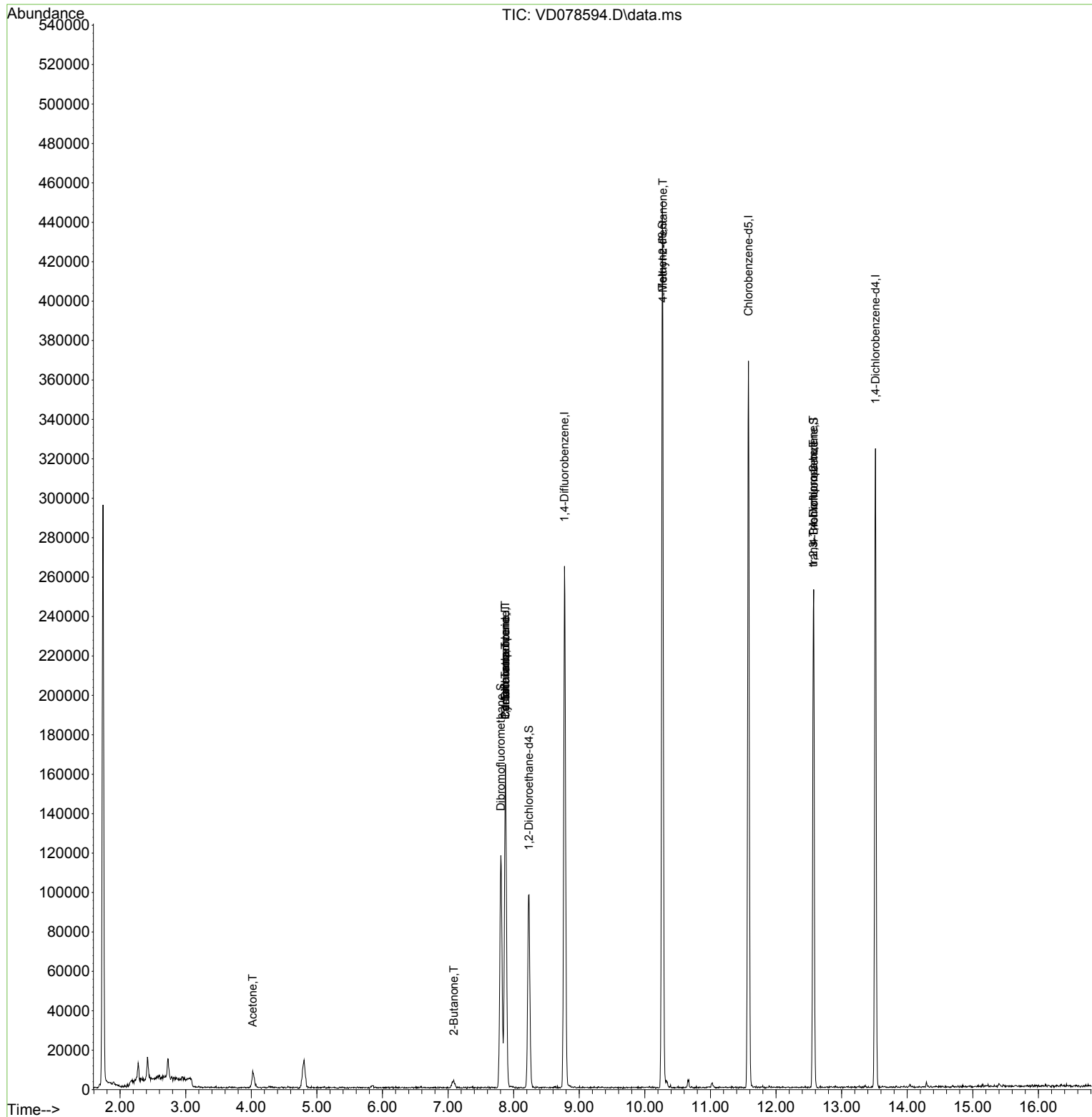
Target Compounds			Qvalue			
3) Chloromethane	2.169	50	367	Below Cal	#	41
16) Acetone	4.022	43	13132	56.277	ug/l	96
20) Methylene Chloride	4.805	84	11462	Below Cal		92
25) 2-Butanone	7.087	43	2438	8.283	ug/l	99
31) Cyclohexane	7.875	56	2782	1.459	ug/l #	62
36) 1,1-Dichloropropene	7.875	75	10530	4.912	ug/l #	48
38) Carbon Tetrachloride	7.875	117	12678	5.654	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1197	1.741	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	39911	59.590	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39911	127.548	ug/l #	17

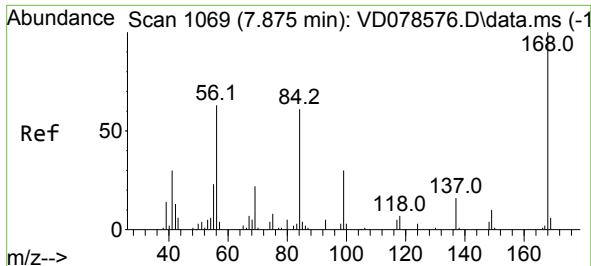
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030424\
Data File : VD078594.D
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TP-6-VOC

Quant Time: Mar 05 04:16:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030124S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 03:50:17 2024
Response via : Initial Calibration

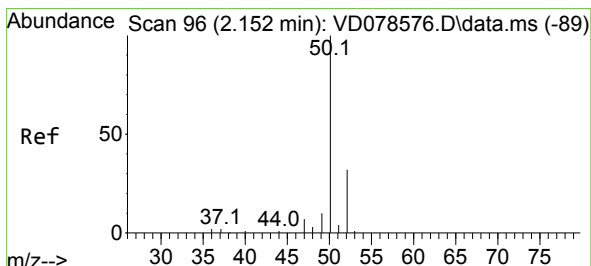
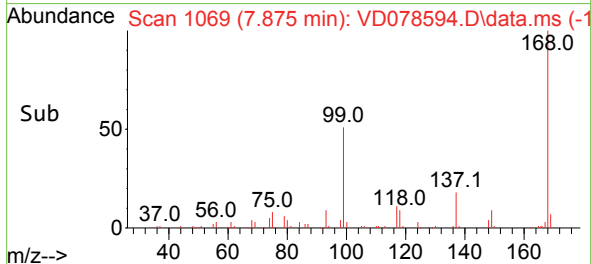
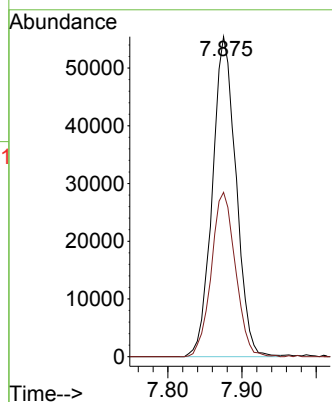
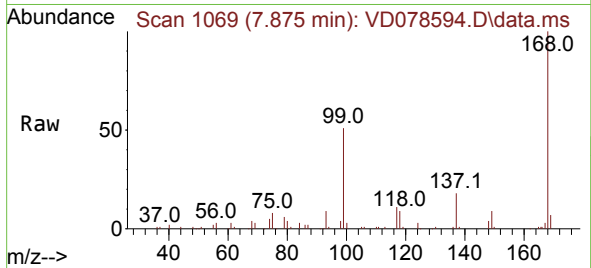




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

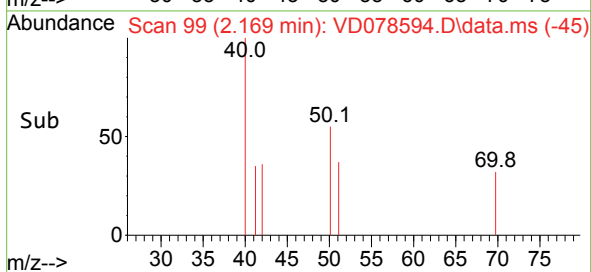
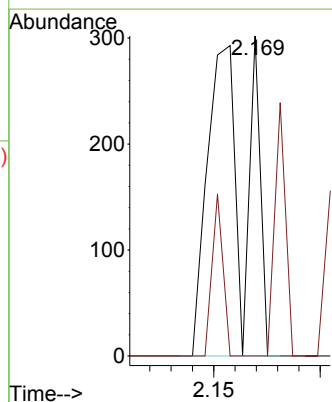
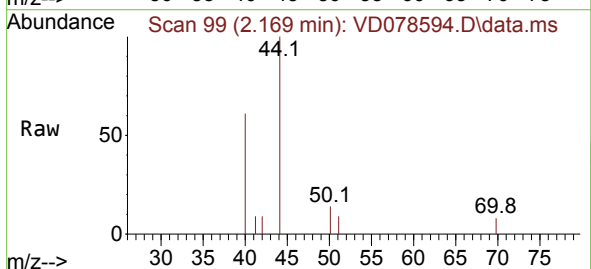
Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

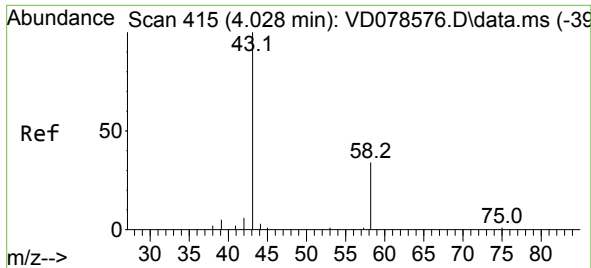
Tgt Ion:168 Resp: 122869
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.169 min Scan# 99
Delta R.T. 0.017 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#16

Acetone

Concen: 56.277 ug/l

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078594.D

Acq: 04 Mar 2024 18:31

Instrument :

MSVOA_D

ClientSampleId :

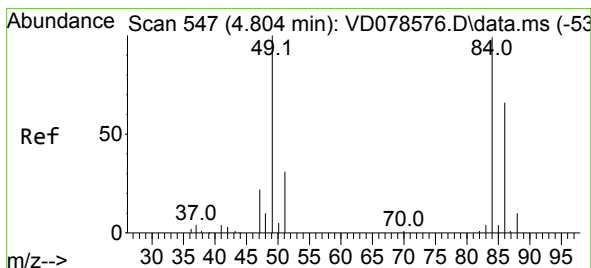
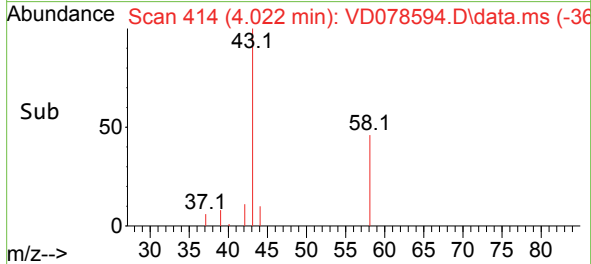
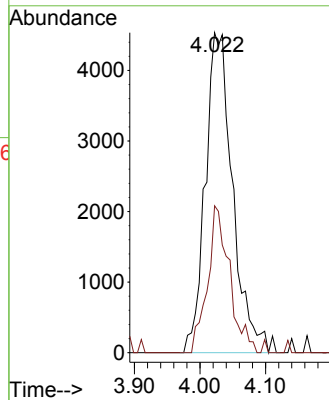
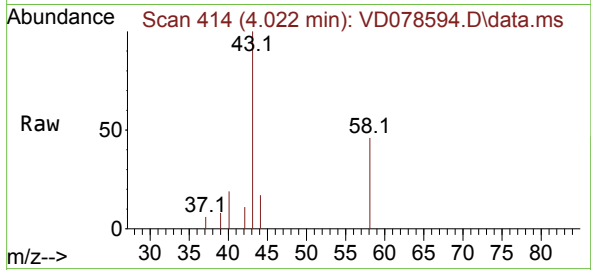
TP-6-VOC

Tgt Ion: 43 Resp: 13132

Ion Ratio Lower Upper

43 100

58 45.9 34.7 52.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.805 min Scan# 547

Delta R.T. 0.001 min

Lab File: VD078594.D

Acq: 04 Mar 2024 18:31

Tgt Ion: 84 Resp: 11462

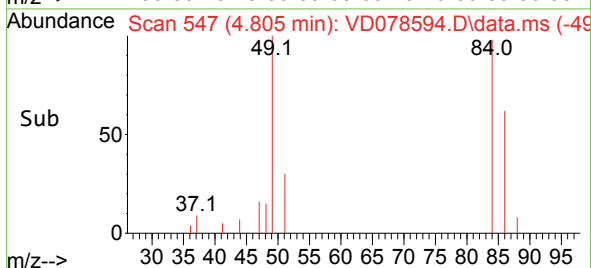
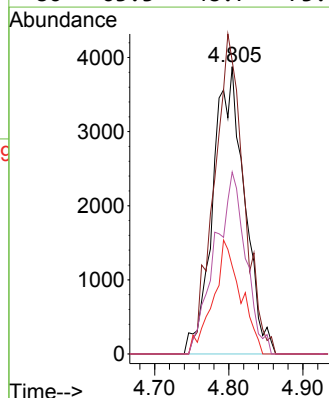
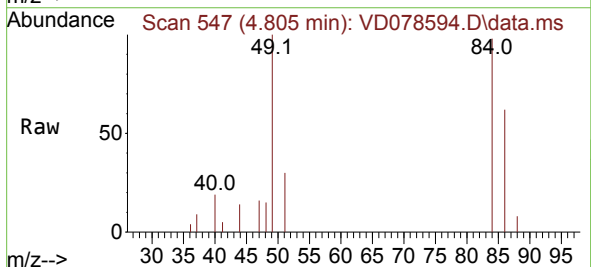
Ion Ratio Lower Upper

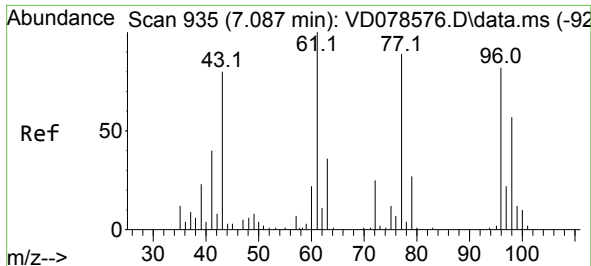
84 100

49 102.0 71.4 107.2

51 30.6 24.5 36.7

86 63.3 48.7 73.1





#25

2-Butanone

Concen: 8.283 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078594.D

Acq: 04 Mar 2024 18:31

Instrument :

MSVOA_D

ClientSampleId :

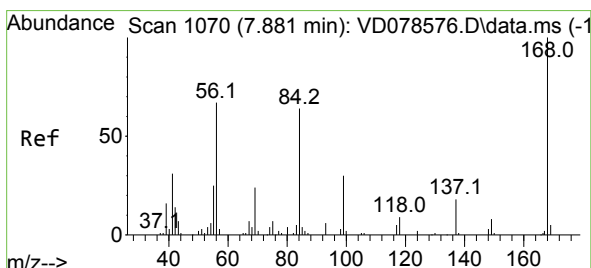
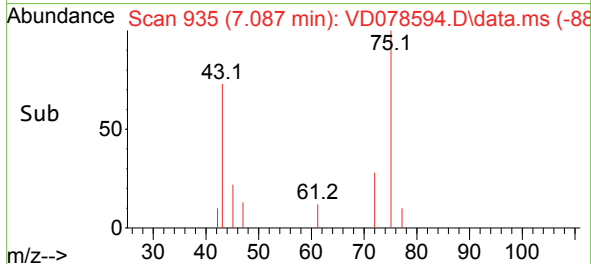
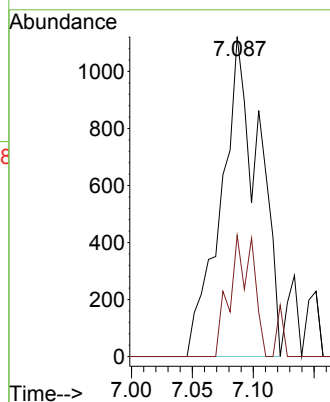
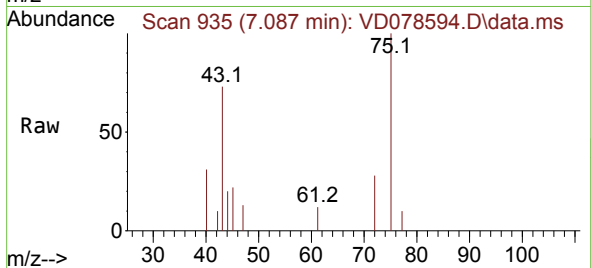
TP-6-VOC

Tgt Ion: 43 Resp: 2438

Ion Ratio Lower Upper

43 100

72 37.9 30.7 46.1



#31

Cyclohexane

Concen: 1.459 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078594.D

Acq: 04 Mar 2024 18:31

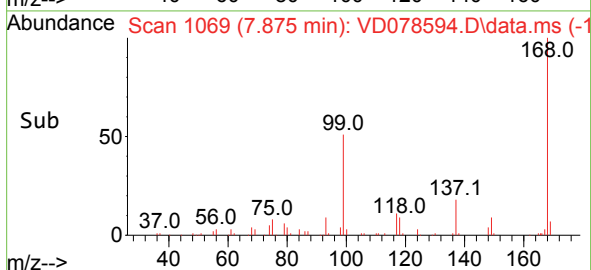
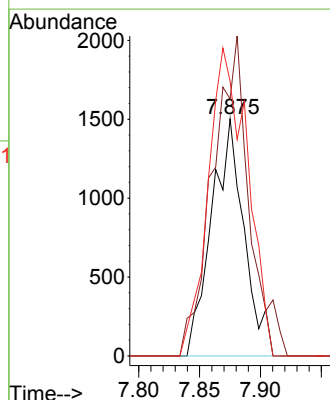
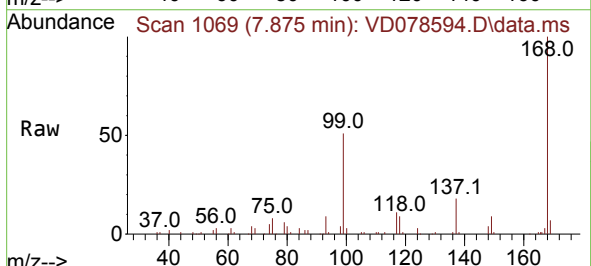
Tgt Ion: 56 Resp: 2782

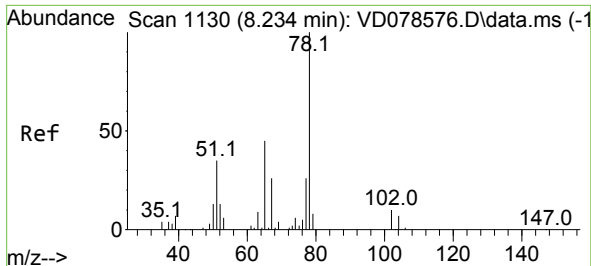
Ion Ratio Lower Upper

56 100

69 108.4 28.6 43.0#

84 115.8 84.8 127.2





#33

1,2-Dichloroethane-d4

Concen: 62.601 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078594.D

Acq: 04 Mar 2024 18:31

Instrument :

MSVOA_D

ClientSampleId :

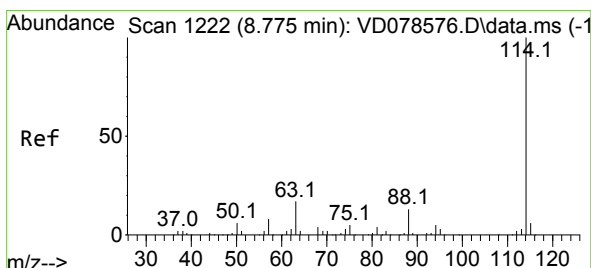
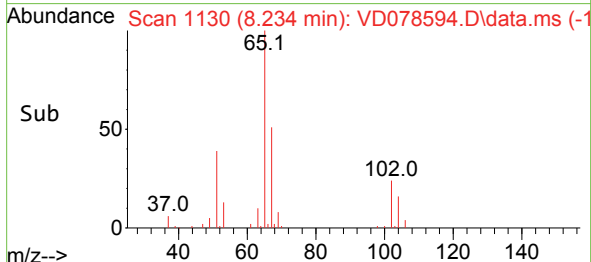
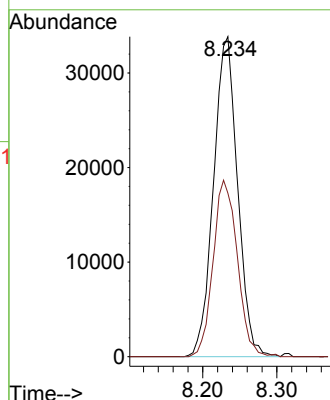
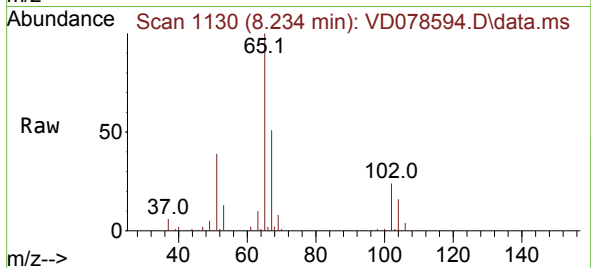
TP-6-VOC

Tgt Ion: 65 Resp: 76247

Ion Ratio Lower Upper

65 100

67 55.6 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: VD078594.D

Acq: 04 Mar 2024 18:31

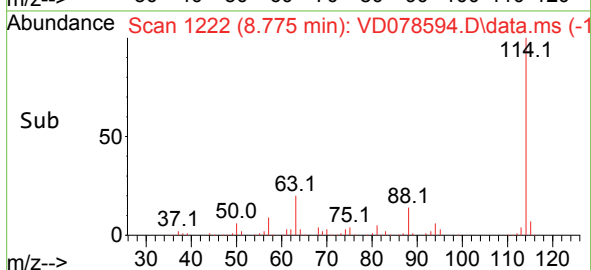
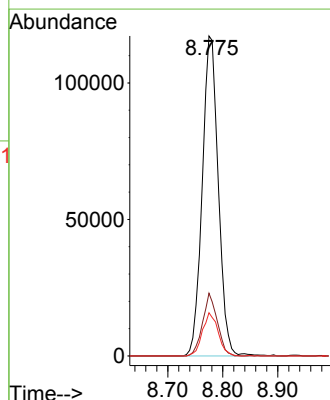
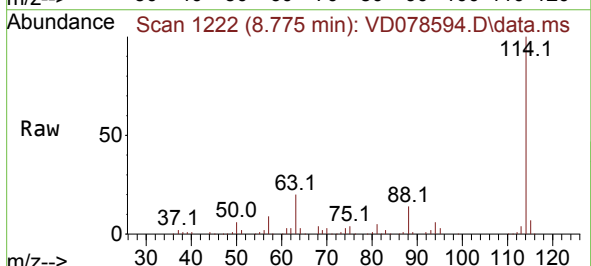
Tgt Ion: 114 Resp: 238158

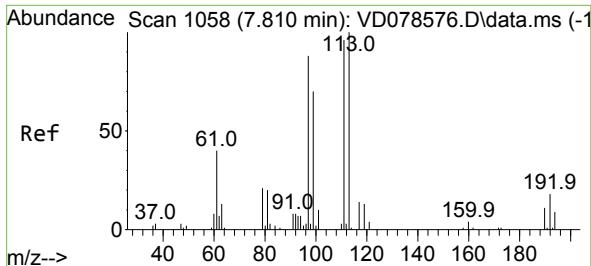
Ion Ratio Lower Upper

114 100

63 19.6 0.0 33.4

88 13.5 0.0 26.2

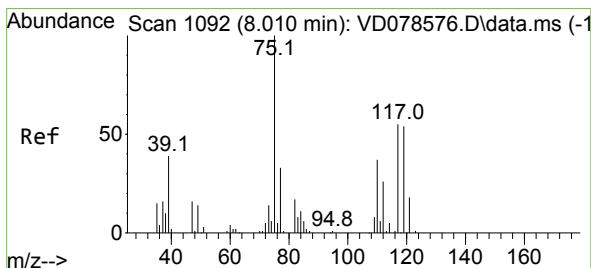
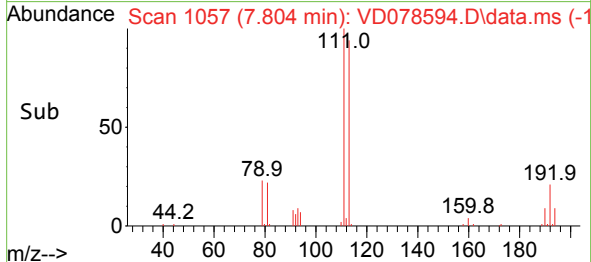
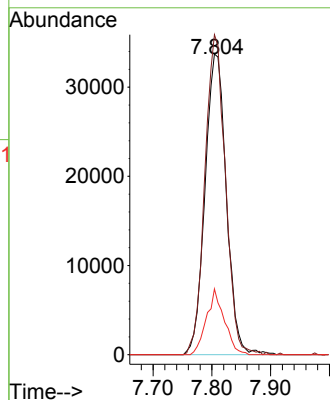
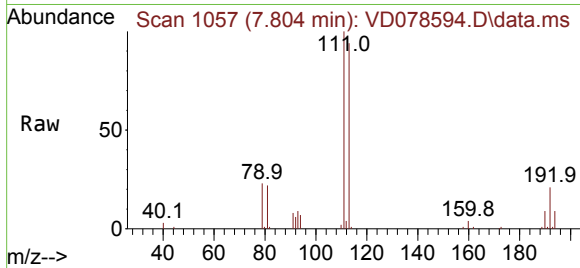




#35
Dibromofluoromethane
Concen: 54.973 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

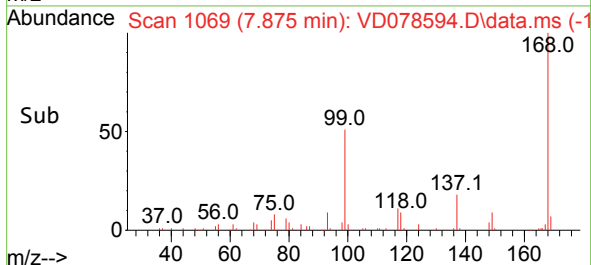
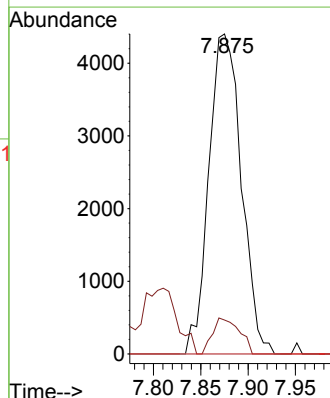
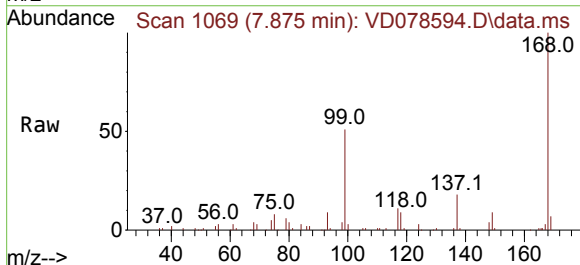
Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

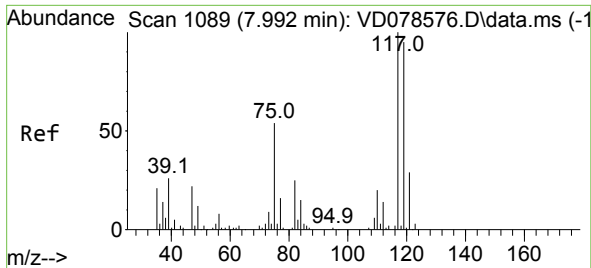
Tgt Ion:113 Resp: 85165
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 18.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

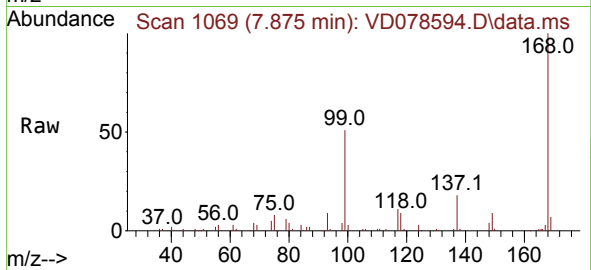
Tgt Ion: 75 Resp: 10530
Ion Ratio Lower Upper
75 100
110 9.2 19.9 59.6#
77 0.0 24.7 37.1#



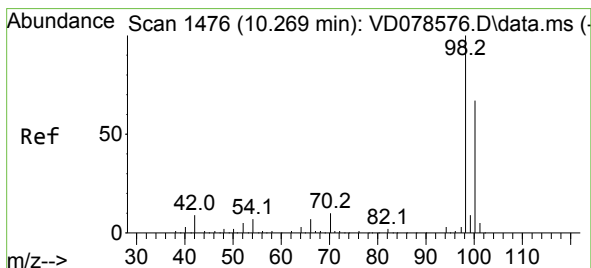
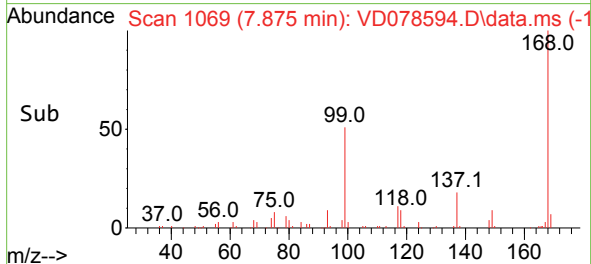
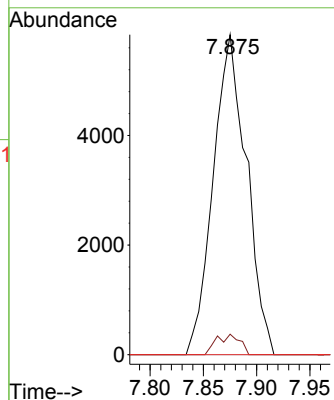


#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

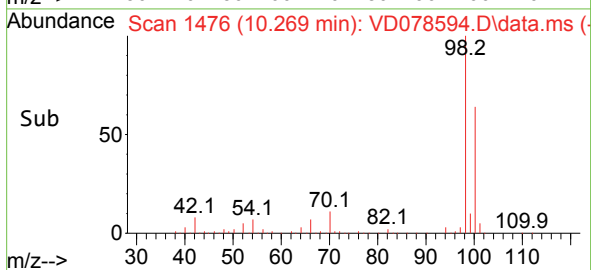
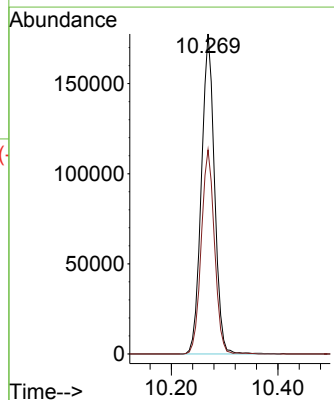
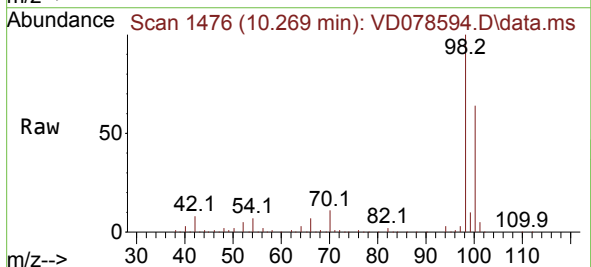


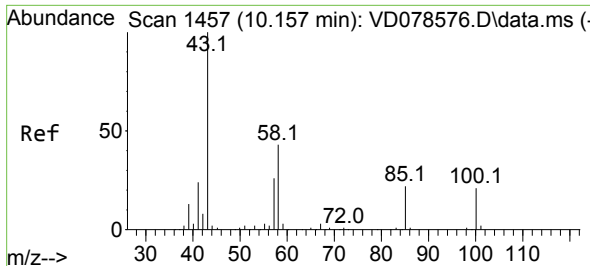
Tgt Ion:117 Resp: 12678
Ion Ratio Lower Upper
117 100
119 6.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 50.314 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Tgt Ion: 98 Resp: 302884
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

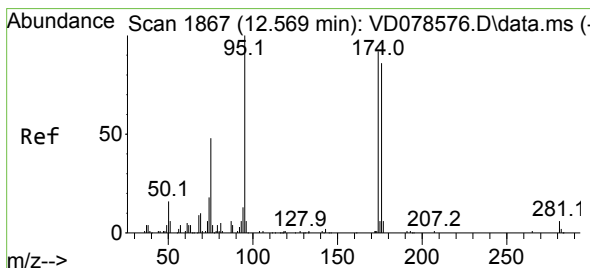
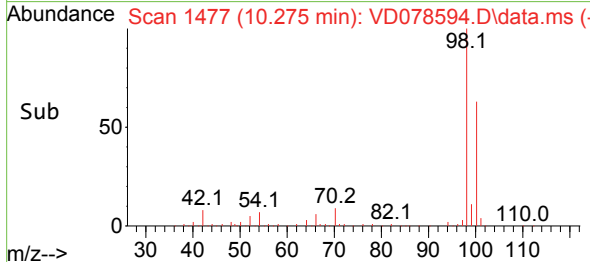
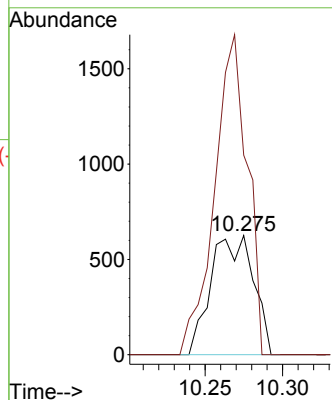
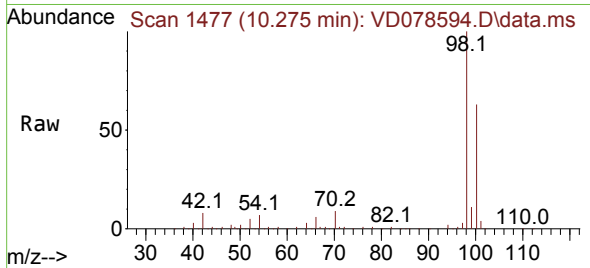




#51
4-Methyl-2-Pentanone
Concen: 1.741 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

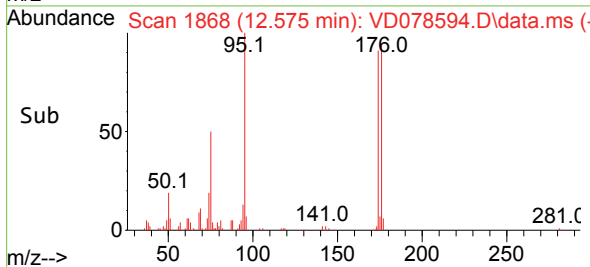
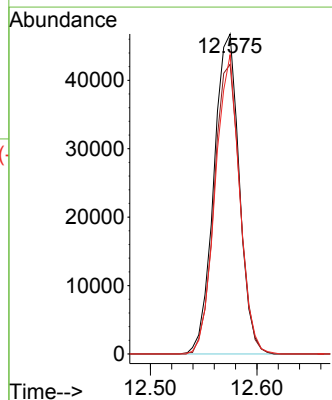
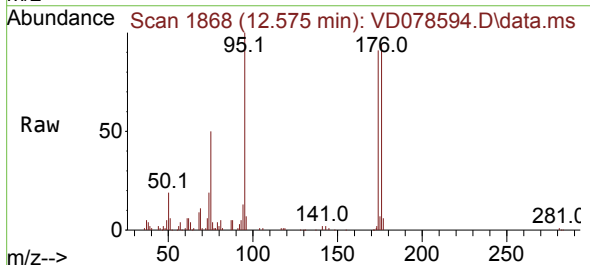
Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

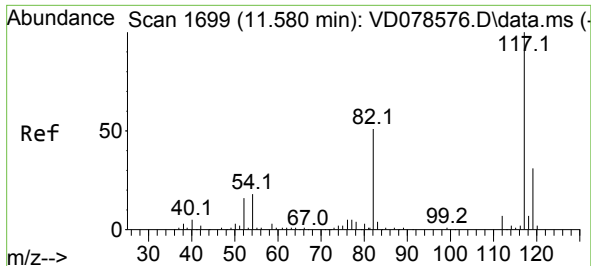
Tgt Ion: 43 Resp: 1197
Ion Ratio Lower Upper
43 100
58 206.0 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 44.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Tgt Ion: 95 Resp: 77265
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 89.7 0.0 191.8

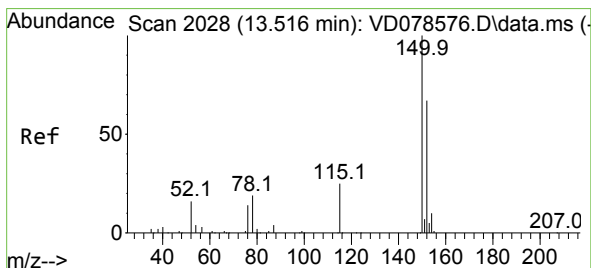
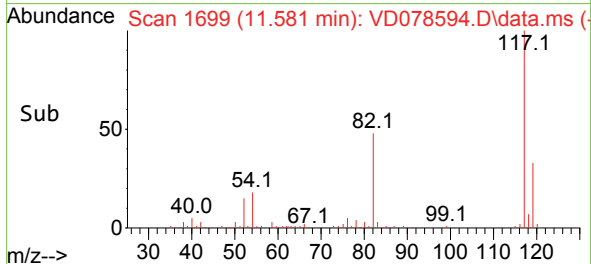
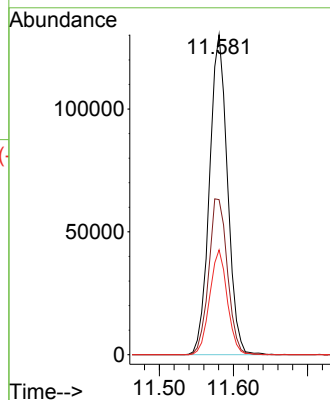
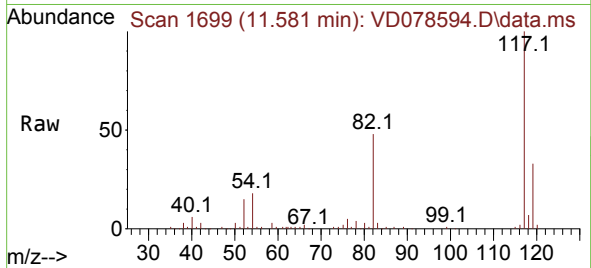




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

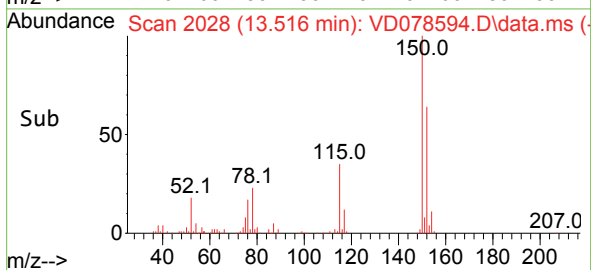
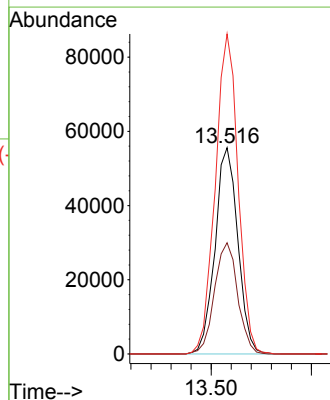
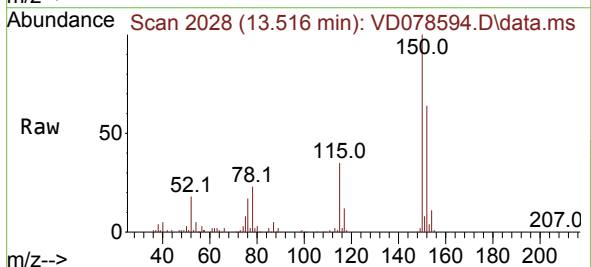
Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

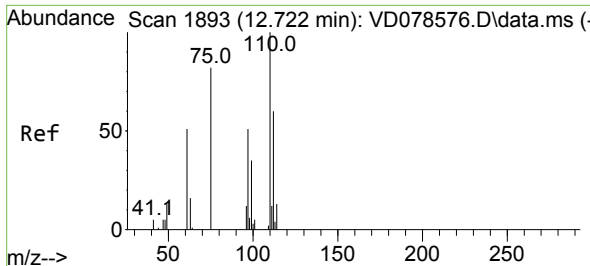
Tgt Ion:117 Resp: 219527
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 32.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Tgt Ion:152 Resp: 87695
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 154.7 0.0 353.6

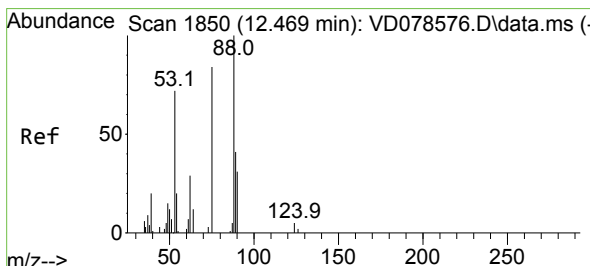
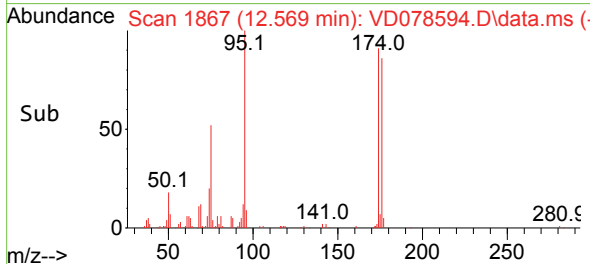
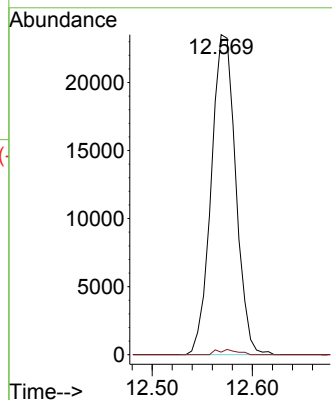
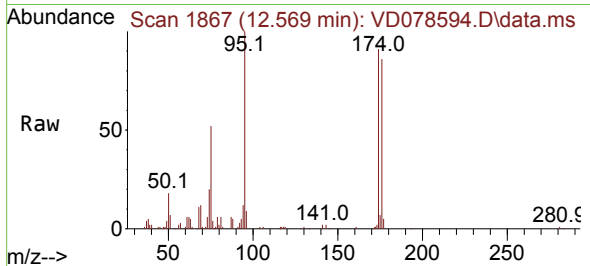




#76
1,2,3-Trichloropropane
Concen: 59.590 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Instrument :
MSVOA_D
ClientSampleId :
TP-6-VOC

Tgt Ion: 75 Resp: 39911
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.548 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078594.D
Acq: 04 Mar 2024 18:31

Tgt Ion: 75 Resp: 39911
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

