

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078393.D
 Acq On : 09 Feb 2024 18:52
 Operator : RP/MD
 Sample : P1453-07
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

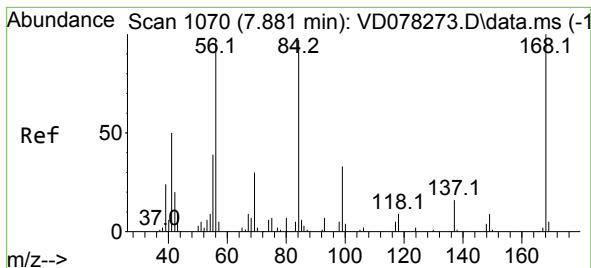
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC

Quant Time: Feb 09 23:03:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	90817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	206150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	106608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60020	53.386	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 106.780%		
35) Dibromofluoromethane	7.805	113	71011	48.385	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 96.760%		
50) Toluene-d8	10.269	98	283080	50.945	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 101.900%		
62) 4-Bromofluorobenzene	12.575	95	97415	58.542	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 117.080%		
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1510	Below Cal	#	86
31) Cyclohexane	7.869	56	2344	1.113	ug/l #	61
36) 1,1-Dichloropropene	7.875	75	7902	3.247	ug/l #	46
38) Carbon Tetrachloride	7.881	117	9826	4.106	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	52572	47.181	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	52572	93.834	ug/l #	17

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.006 min

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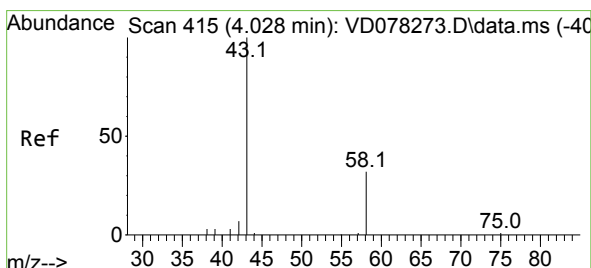
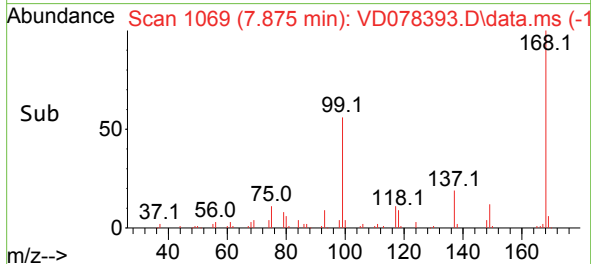
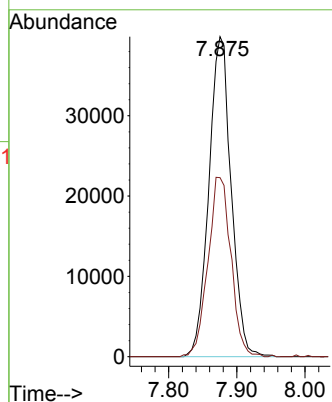
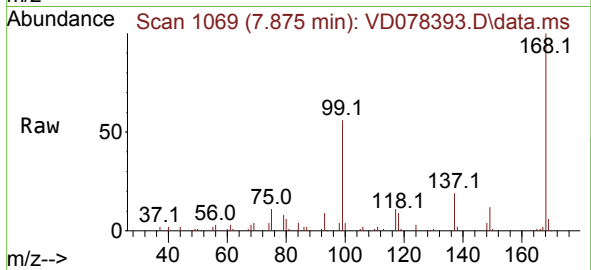
TP-2-VOC

Tgt Ion:168 Resp: 90817

Ion Ratio Lower Upper

168 100

99 56.0 36.7 55.1#



#16

Acetone

Concen: Below Cal

RT: 4.034 min Scan# 416

Delta R.T. 0.006 min

Lab File: VD078393.D

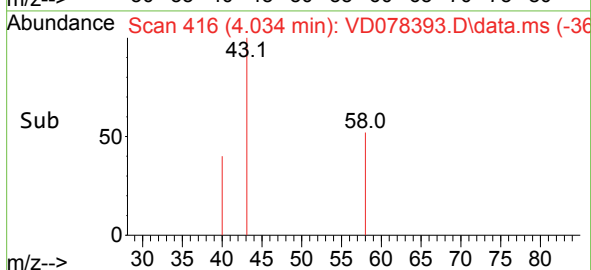
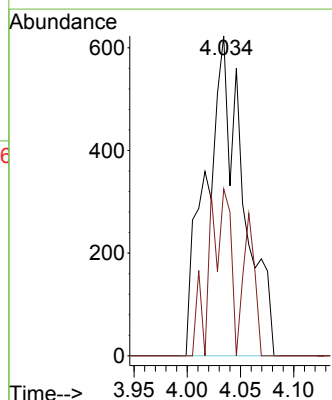
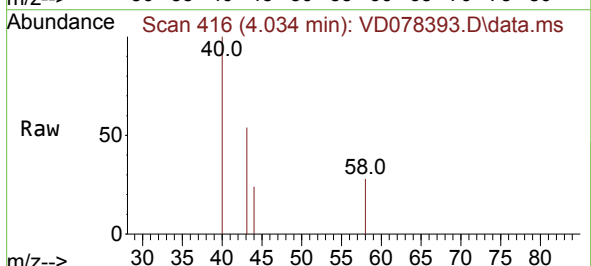
Acq: 09 Feb 2024 18:52

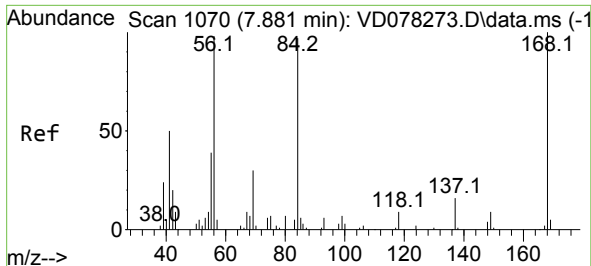
Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

58 52.2 34.7 52.1#

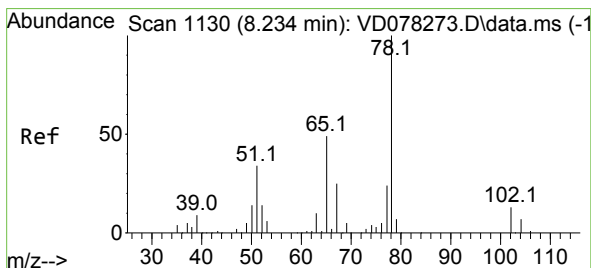
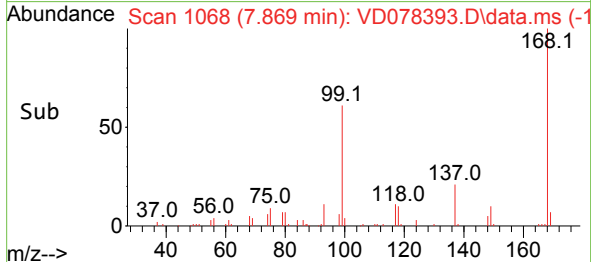
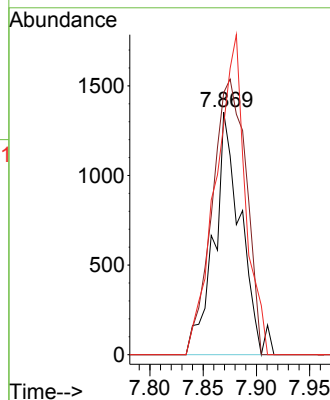
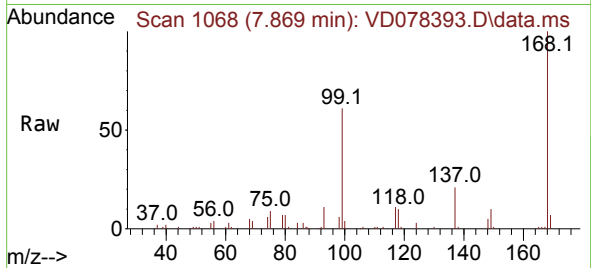




#31
Cyclohexane
Concen: 1.113 ug/l
RT: 7.869 min Scan# 1106
Delta R.T. -0.012 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

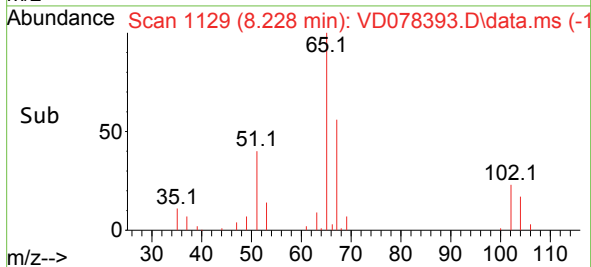
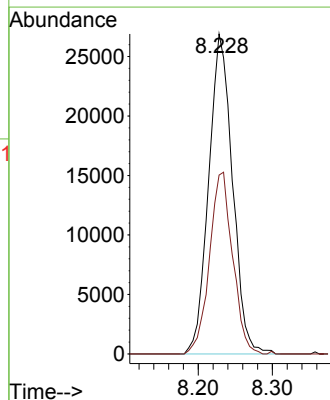
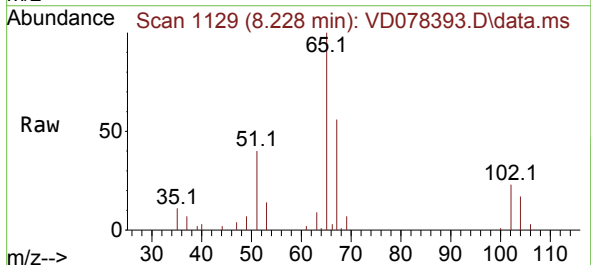
Instrument :
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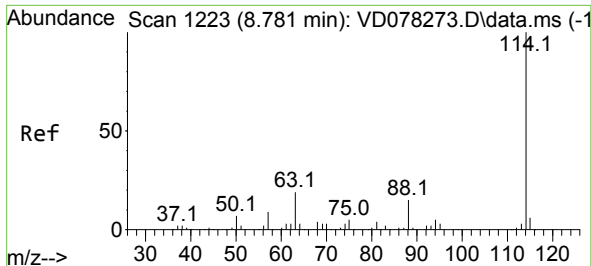
Tgt Ion: 56 Resp: 2344
Ion Ratio Lower Upper
56 100
69 108.1 28.6 43.0#
84 94.9 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 53.386 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078393.D
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Tgt Ion: 65 Resp: 60020
Ion Ratio Lower Upper
65 100
67 55.1 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078393.D

Acq: 09 Feb 2024 18:52

Instrument :

MSVOA_D

ClientSampleId :

TP-2-VOC

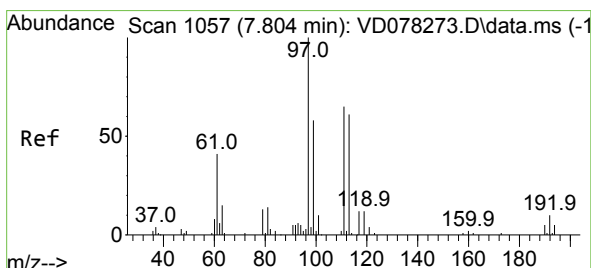
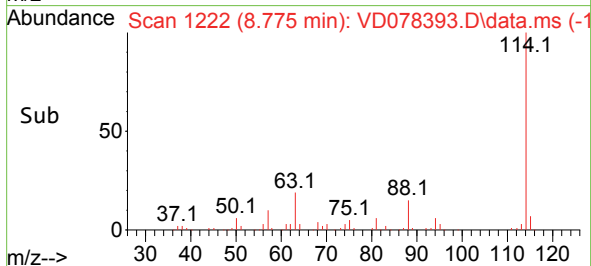
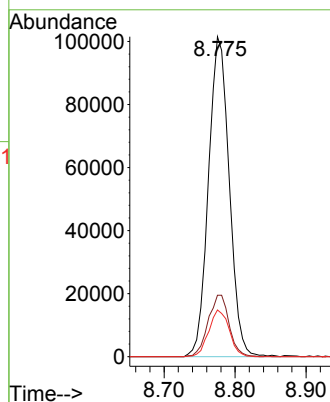
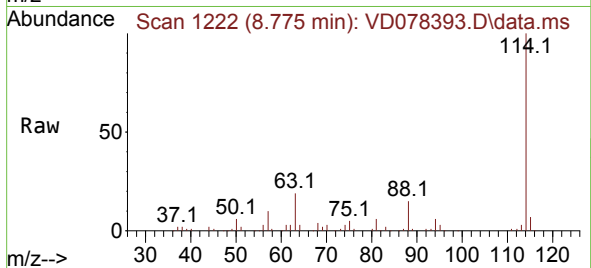
Tgt Ion:114 Resp: 206150

Ion Ratio Lower Upper

114 100

63 19.2 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.385 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078393.D

Acq: 09 Feb 2024 18:52

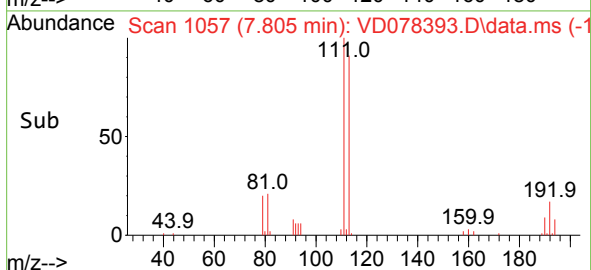
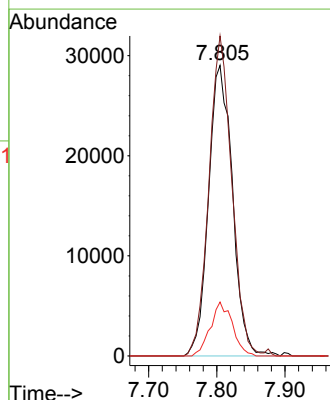
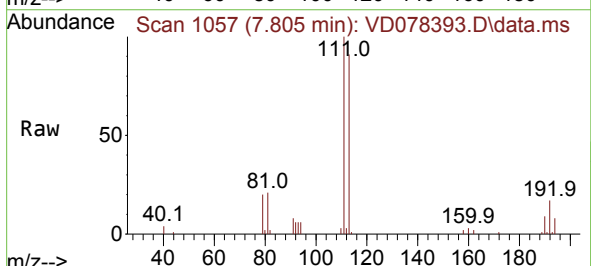
Tgt Ion:113 Resp: 71011

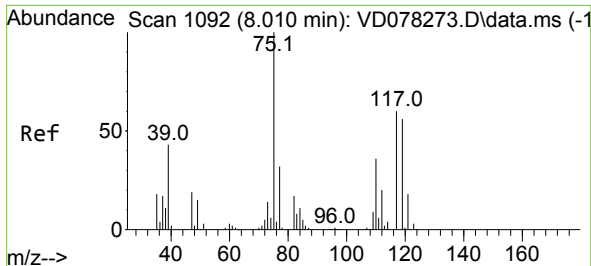
Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

192 17.1 16.8 25.2

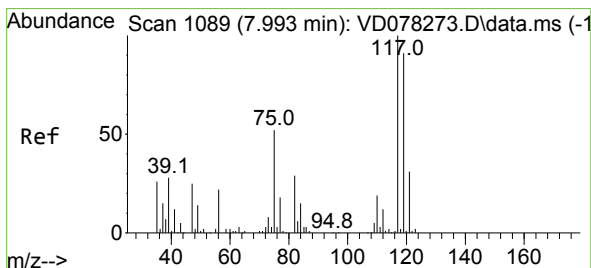
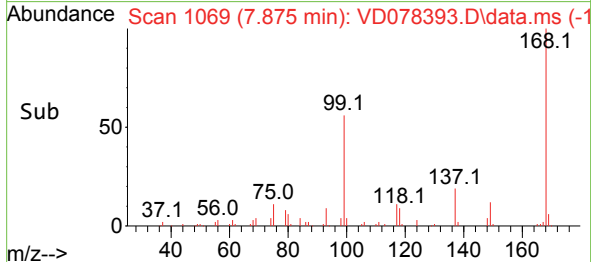
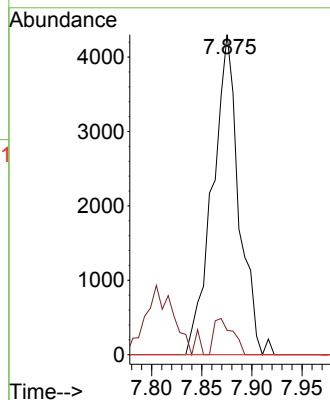
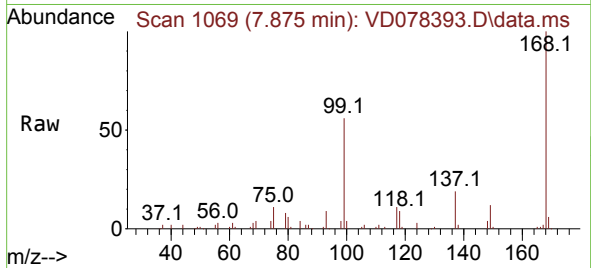




#36
 1,1-Dichloropropene
 Concen: 3.247 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD078393.D
 Acq: 09 Feb 2024 18:52

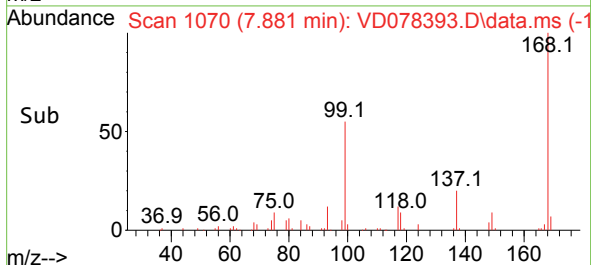
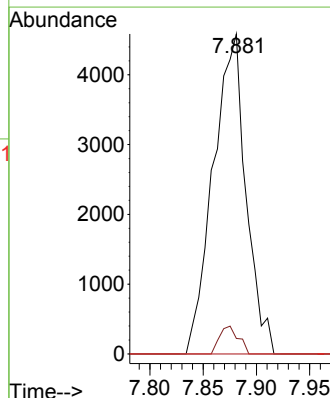
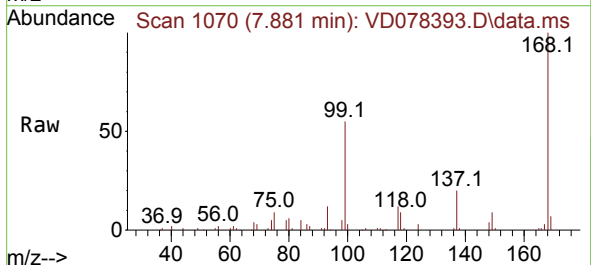
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-VOC

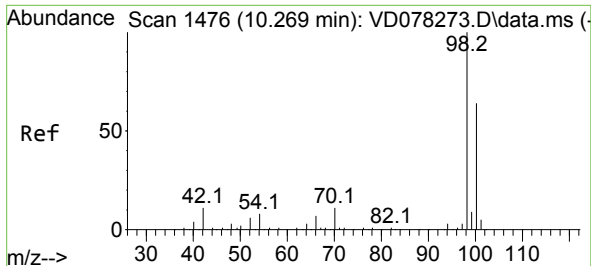
Tgt Ion: 75 Resp: 7902
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.9 59.6#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.106 ug/l
 RT: 7.881 min Scan# 1070
 Delta R.T. -0.112 min
 Lab File: VD078393.D
 Acq: 09 Feb 2024 18:52

Tgt Ion: 117 Resp: 9826
 Ion Ratio Lower Upper
 117 100
 119 4.8 78.0 117.0#
 121 0.0 24.2 36.2#

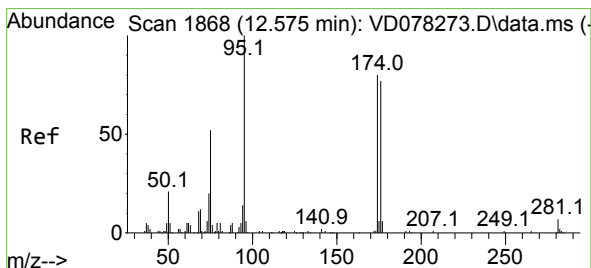
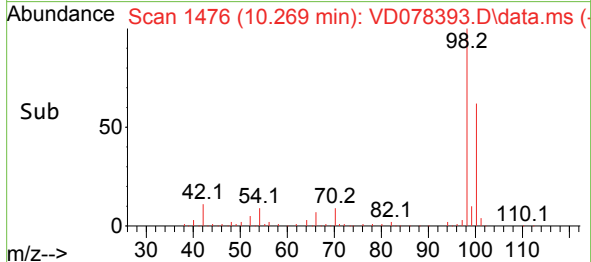
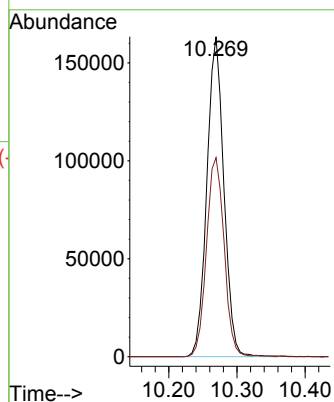
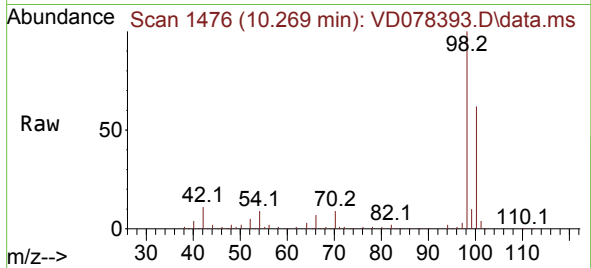




#50
Toluene-d8
Concen: 50.945 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

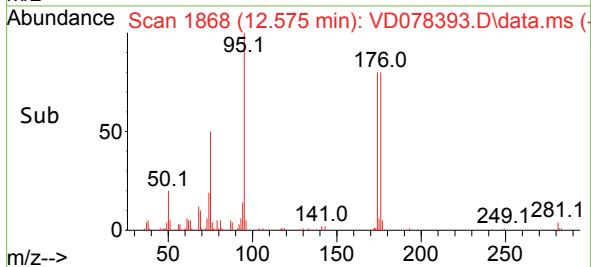
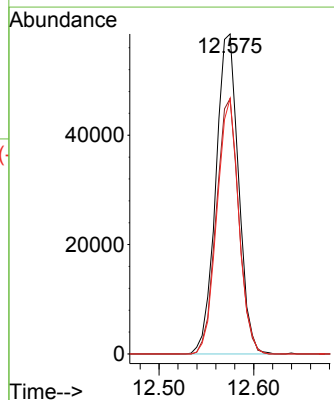
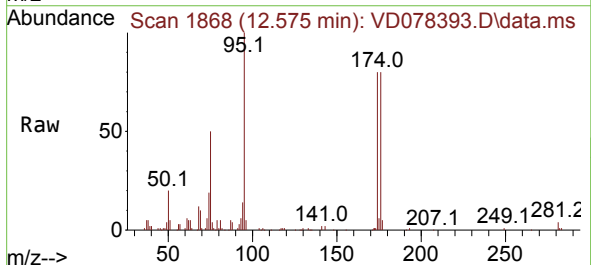
Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

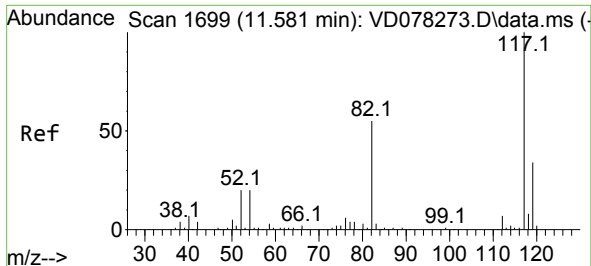
Tgt Ion: 98 Resp: 283080
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 58.542 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 95 Resp: 97415
Ion Ratio Lower Upper
95 100
174 78.7 0.0 201.8
176 76.7 0.0 191.8

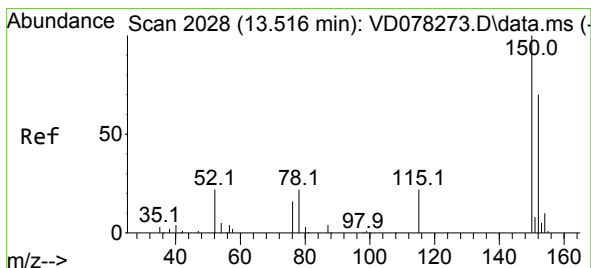
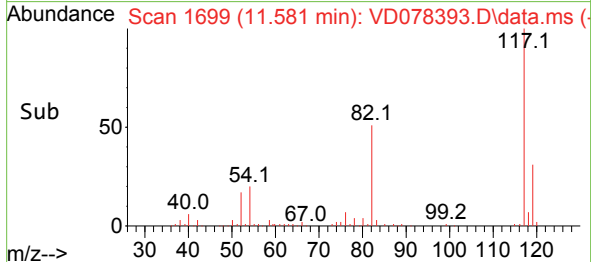
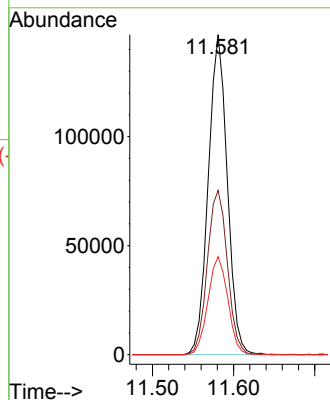
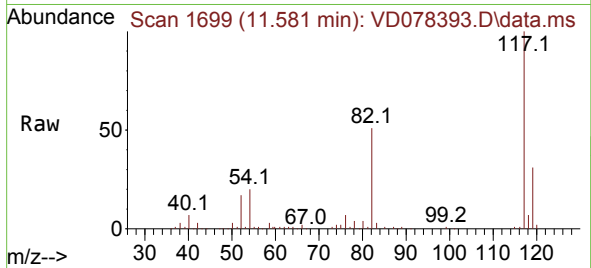




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

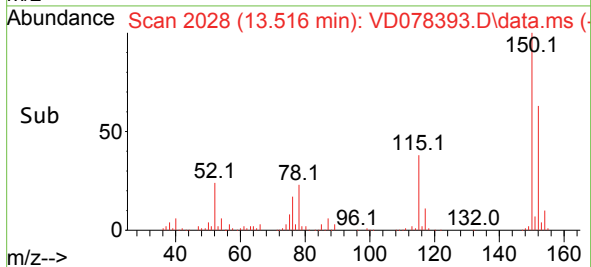
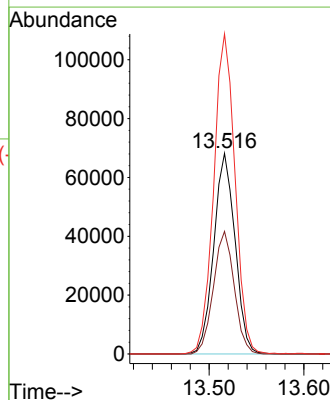
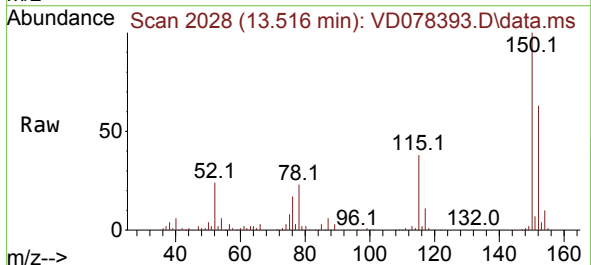
Instrument :
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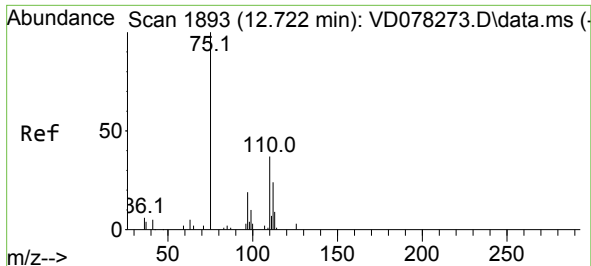
Tgt Ion:117 Resp: 238758
Ion Ratio Lower Upper
117 100
82 51.4 38.3 57.5
119 30.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Tgt Ion:152 Resp: 106608
Ion Ratio Lower Upper
152 100
115 59.8 27.1 81.3
150 159.9 0.0 353.6

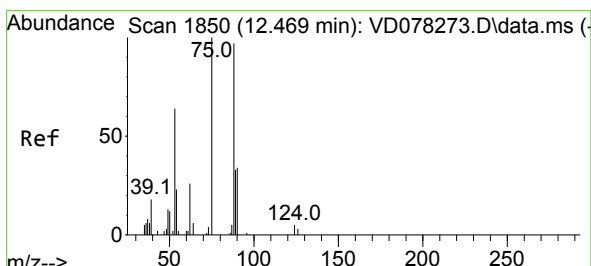
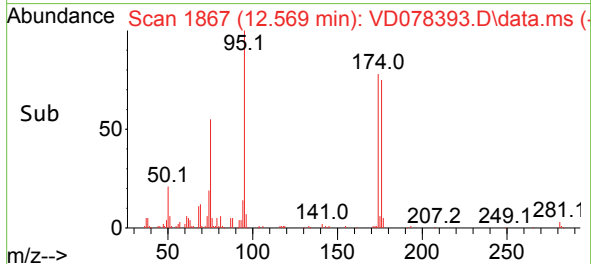
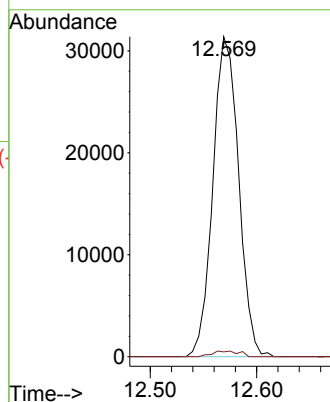
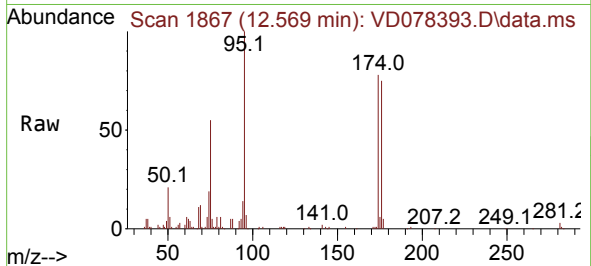




#76
1,2,3-Trichloropropane
Concen: 47.181 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Instrument :
MSVOA_D
ClientSampleId :
TP-2-VOC

Tgt Ion: 75 Resp: 52572
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.834 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078393.D
Acq: 09 Feb 2024 18:52

Tgt Ion: 75 Resp: 52572
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

