

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078372.D
 Acq On : 08 Feb 2024 16:33
 Operator : RP/MD
 Sample : P1389-11
 Misc : 4.58G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3-VOC

Quant Time: Feb 09 03:11:30 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)

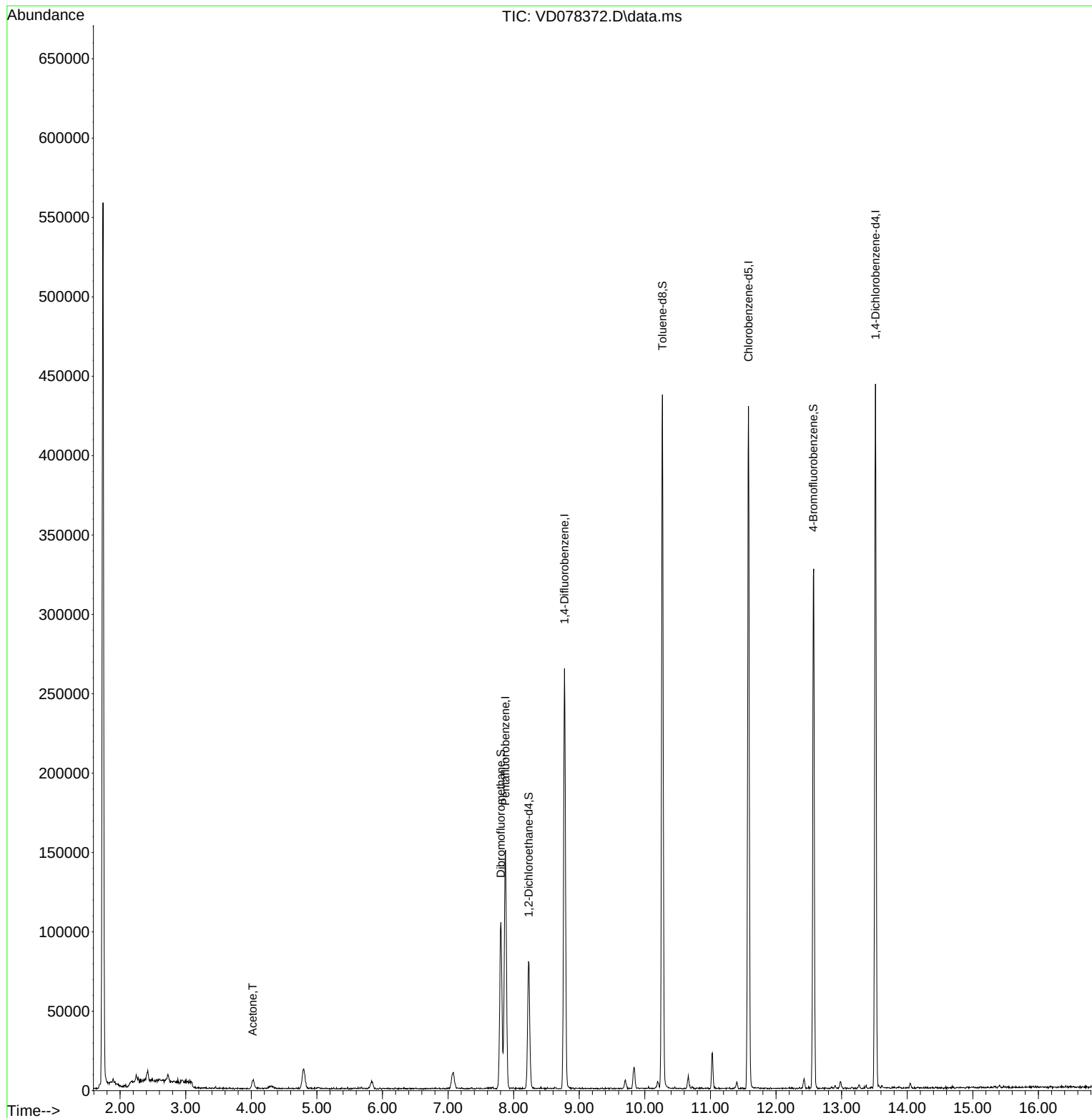
Internal Standards						
1) Pentafluorobenzene	7.875	168	112716	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	233100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	248144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63652	45.617	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.240%
35) Dibromofluoromethane	7.804	113	75275	45.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.720%
50) Toluene-d8	10.269	98	296057	47.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.240%
62) 4-Bromofluorobenzene	12.569	95	98195	52.188	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.380%
Target Compounds						
16) Acetone	4.022	43	9484	15.167	ug/l	# 86

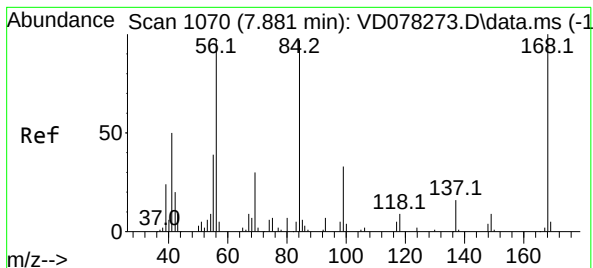
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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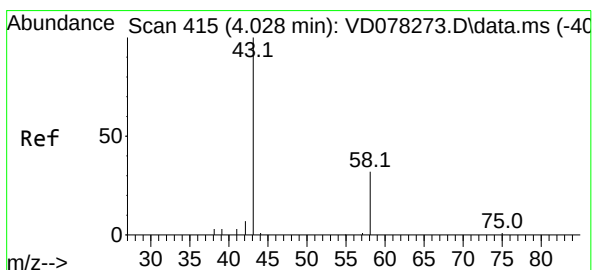
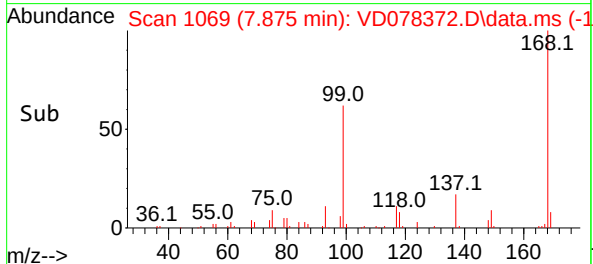
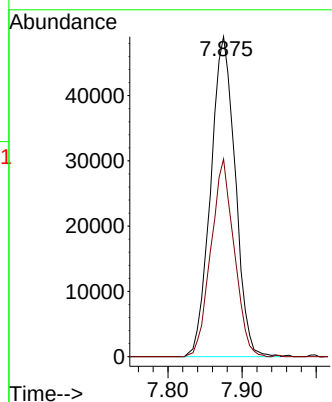
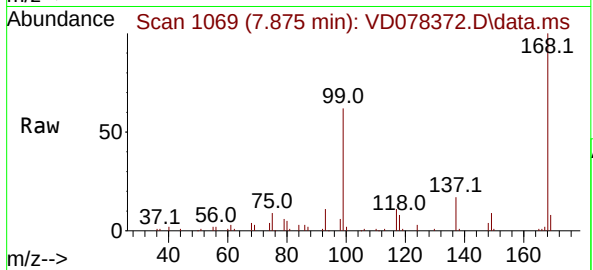




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

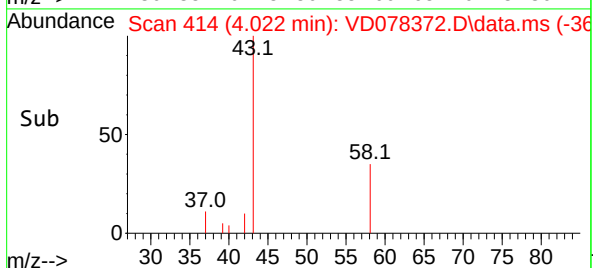
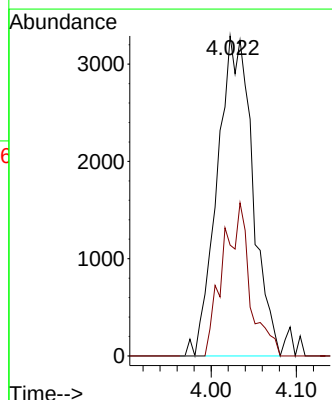
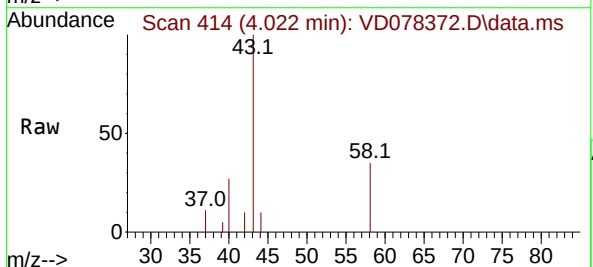
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

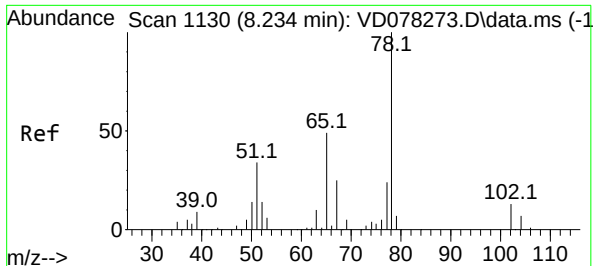
Tgt Ion:168 Resp: 112716
Ion Ratio Lower Upper
168 100
99 61.7 36.7 55.1#



#16
Acetone
Concen: 15.167 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

Tgt Ion: 43 Resp: 9484
Ion Ratio Lower Upper
43 100
58 34.7 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 45.617 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078372.D

Acq: 08 Feb 2024 16:33

Instrument :

MSVOA_D

ClientSampleId :

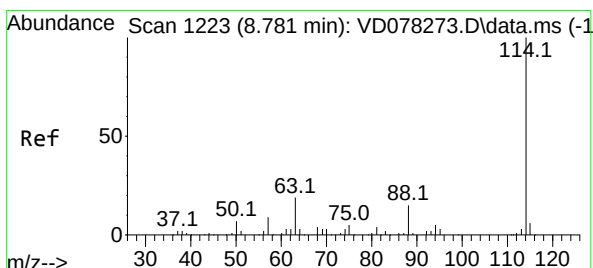
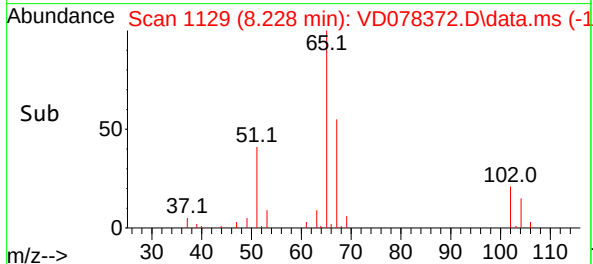
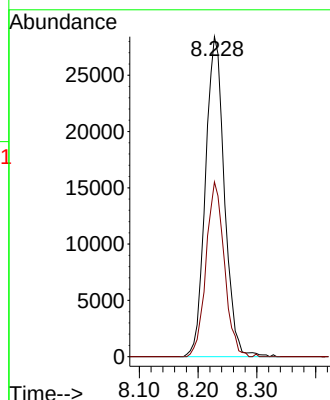
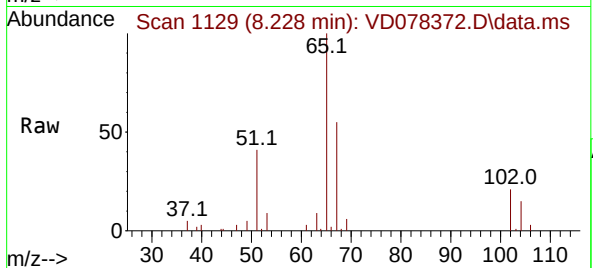
WC-3-VOC

Tgt Ion: 65 Resp: 63652

Ion Ratio Lower Upper

65 100

67 52.6 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: VD078372.D

Acq: 08 Feb 2024 16:33

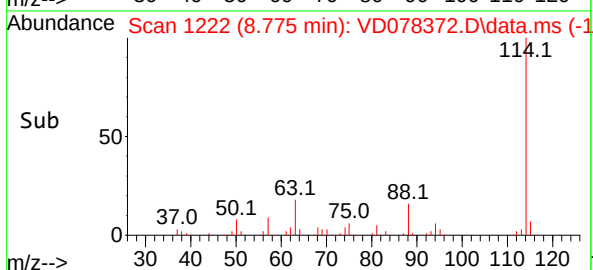
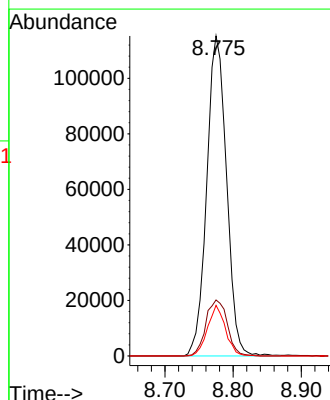
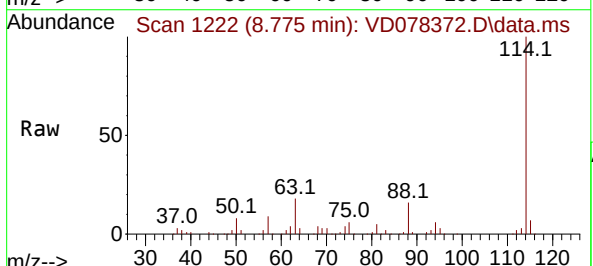
Tgt Ion: 114 Resp: 233100

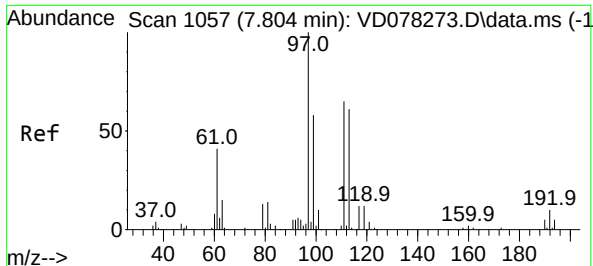
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 15.8 0.0 26.2

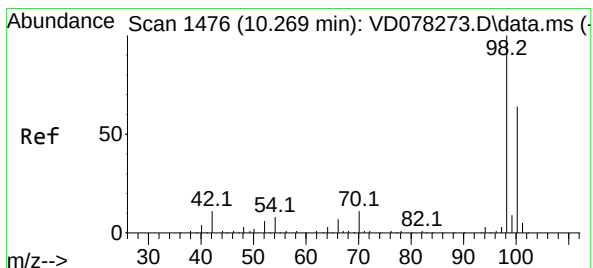
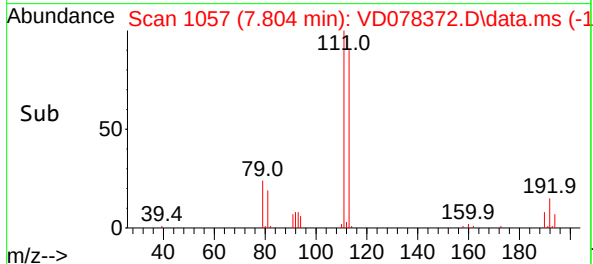
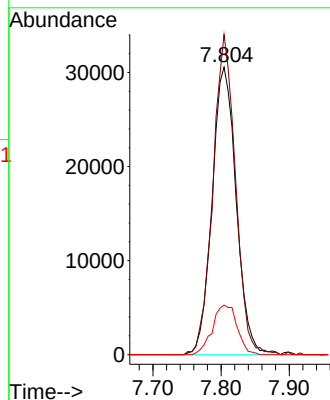
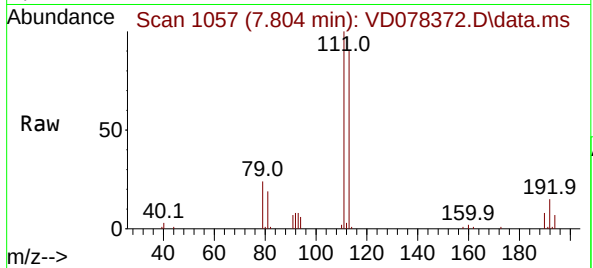




#35
Dibromofluoromethane
Concen: 45.360 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

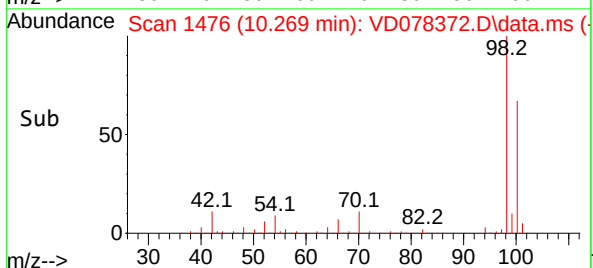
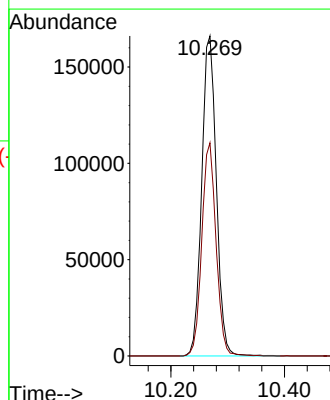
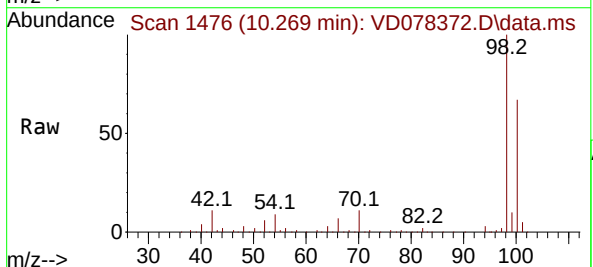
Instrument :
MSVOA_D
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WC-3-VOC

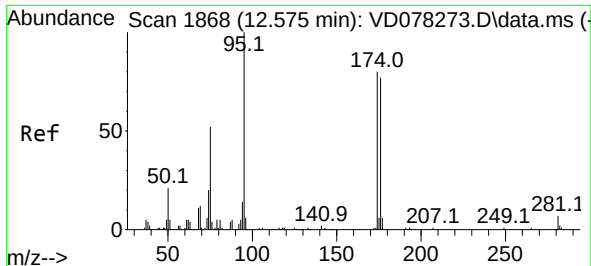
Tgt Ion:113 Resp: 75275
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 17.7 16.8 25.2



#50
Toluene-d8
Concen: 47.121 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

Tgt Ion: 98 Resp: 296057
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

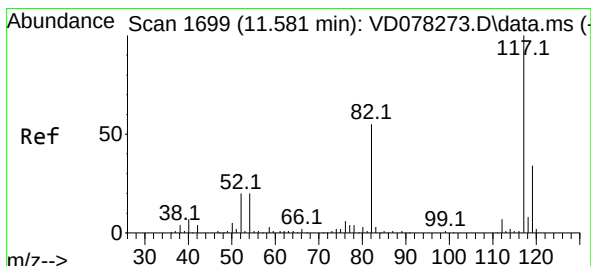
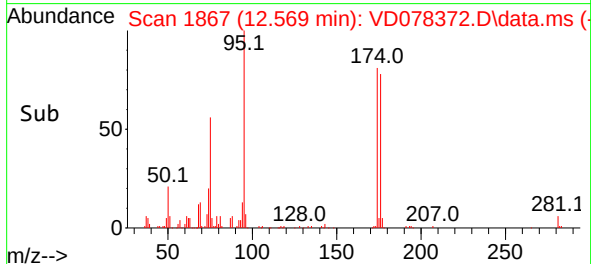
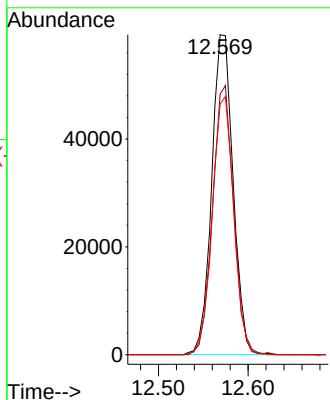
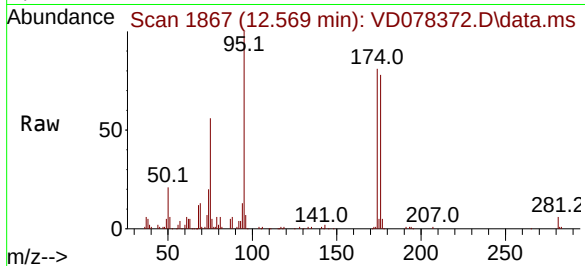




#62
4-Bromofluorobenzene
Concen: 52.188 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

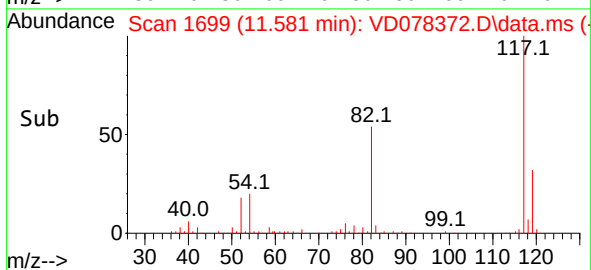
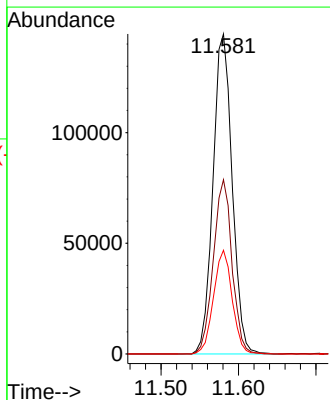
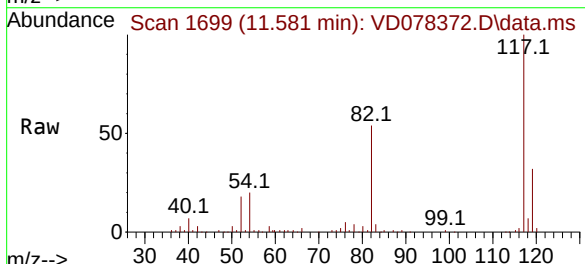
Instrument :
MSVOA_D
ClientSampleId :
WC-3-VOC

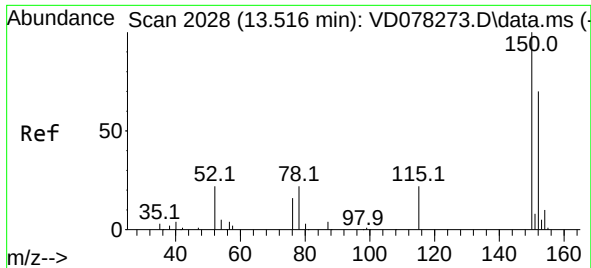
Tgt Ion:	95	Resp:	98195
Ion Ratio	Lower	Upper	
95	100		
174	83.0	0.0	201.8
176	80.8	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078372.D
Acq: 08 Feb 2024 16:33

Tgt Ion:	117	Resp:	248144
Ion Ratio	Lower	Upper	
117	100		
82	54.5	38.3	57.5
119	32.4	25.0	37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD078372.D

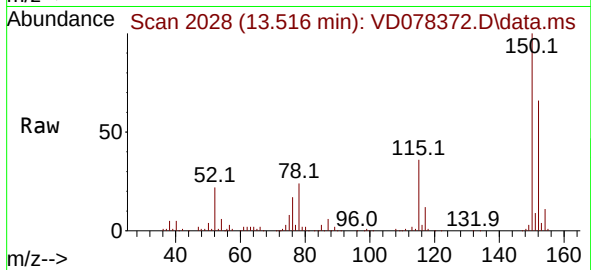
Acq: 08 Feb 2024 16:33

Instrument :

MSVOA_D

ClientSampleId :

WC-3-VOC



Tgt Ion:152 Resp: 114384

Ion Ratio Lower Upper

152 100

115 58.7 27.1 81.3

150 156.6 0.0 353.6

