

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102522\
 Data File : VD074630.D
 Acq On : 25 Oct 2022 14:01
 Operator : VA/SY
 Sample : N5218-11RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2RE

Quant Time: Oct 27 01:21:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 20 06:41:20 2022
 Response via : Initial Calibration

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

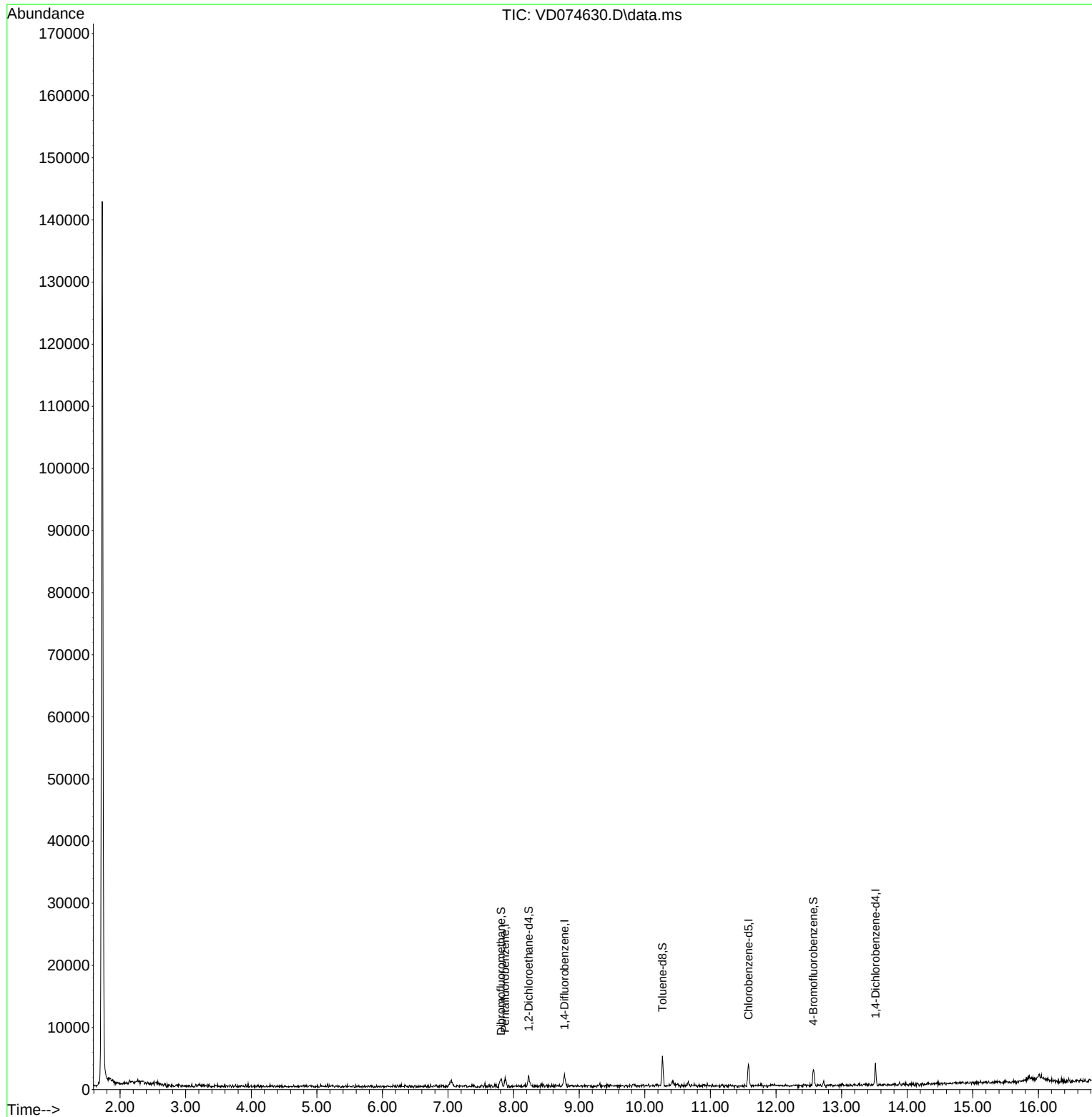
Internal Standards						
1) Pentafluorobenzene	7.869	168	1664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	3018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	1334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1369	107.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 215.520%#	
35) Dibromofluoromethane	7.810	113	1259	75.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 151.720%#	
50) Toluene-d8	10.269	98	3830	63.404	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 126.800%	
62) 4-Bromofluorobenzene	12.569	95	1066	61.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.600%	
Target Compounds						Qvalue
20) Methylene Chloride	4.822	84	56	Below Cal	#	18

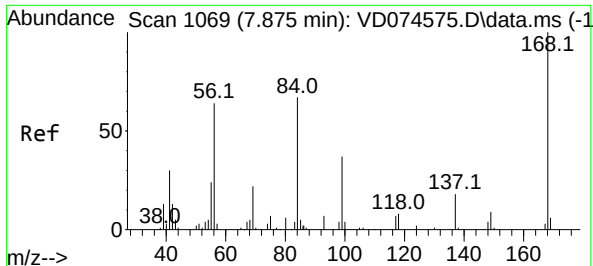
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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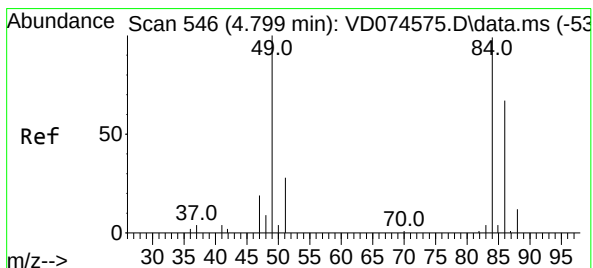
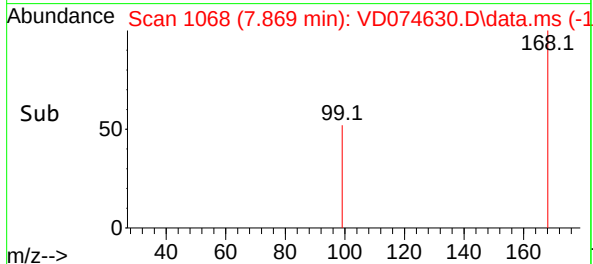
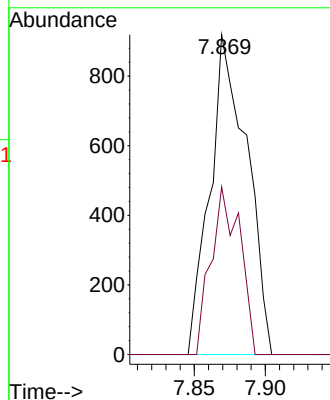
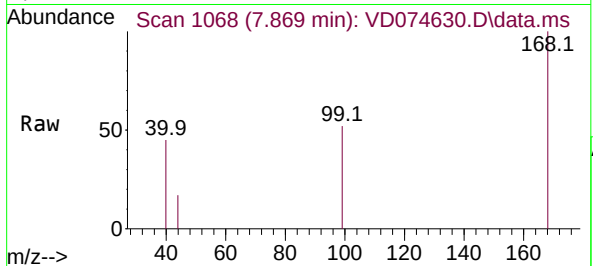




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

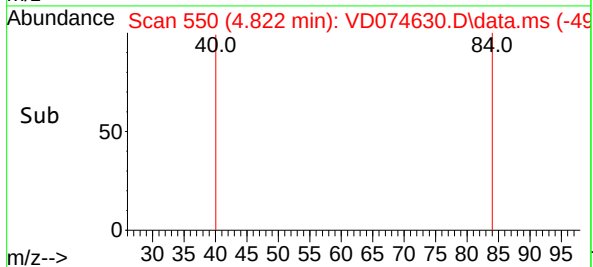
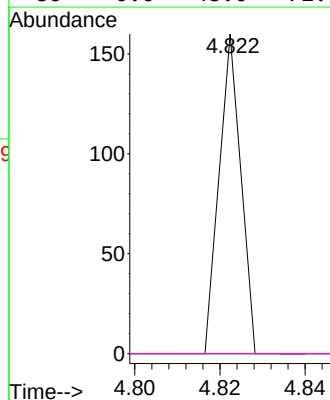
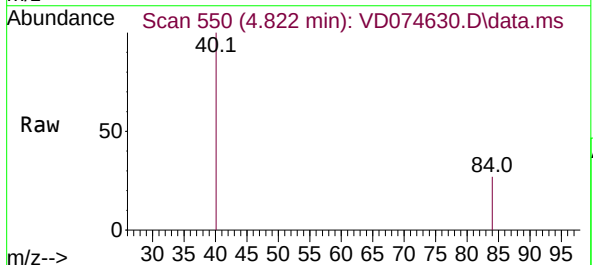
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

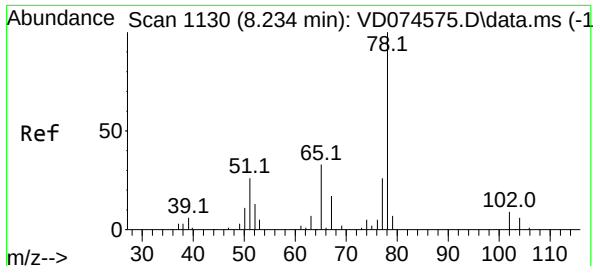
Tgt Ion:168 Resp: 1664
Ion Ratio Lower Upper
168 100
99 52.4 40.9 61.3



#20
Methylene Chloride
Concen: Below Cal
RT: 4.822 min Scan# 550
Delta R.T. 0.023 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 84 Resp: 56
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#





#33

1,2-Dichloroethane-d4

Concen: 107.758 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074630.D

Acq: 25 Oct 2022 14:01

Instrument :

MSVOA_D

ClientSampleId :

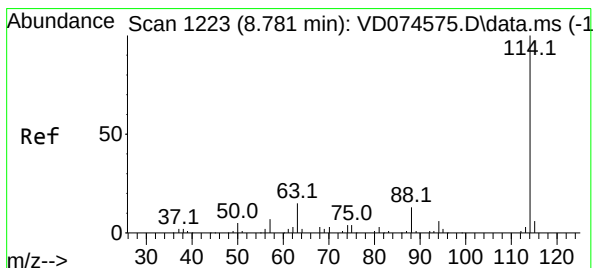
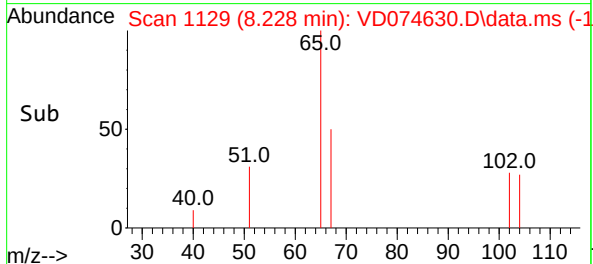
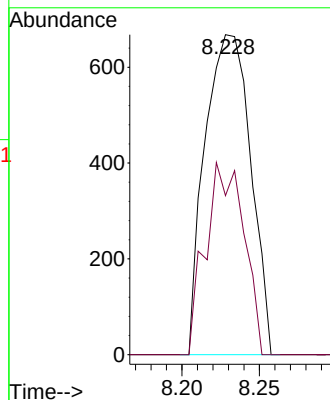
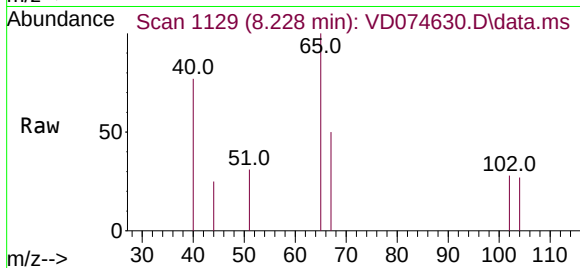
SP-2RE

Tgt Ion: 65 Resp: 1369

Ion Ratio Lower Upper

65 100

67 50.3 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074630.D

Acq: 25 Oct 2022 14:01

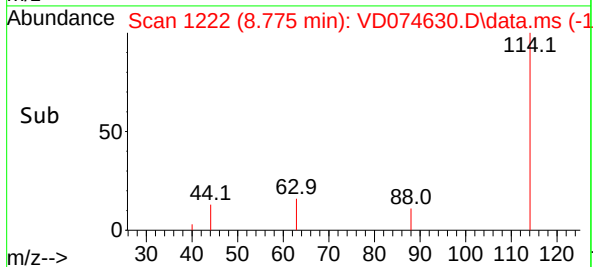
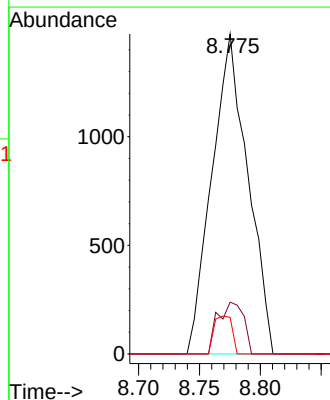
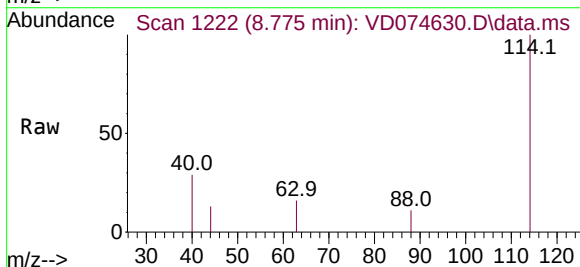
Tgt Ion: 114 Resp: 3018

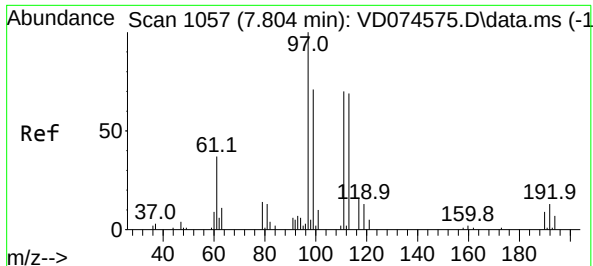
Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.2

88 11.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 75.865 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074630.D

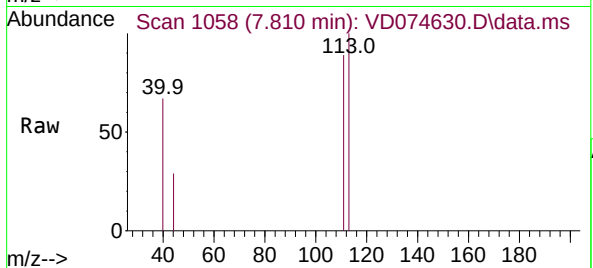
Acq: 25 Oct 2022 14:01

Instrument :

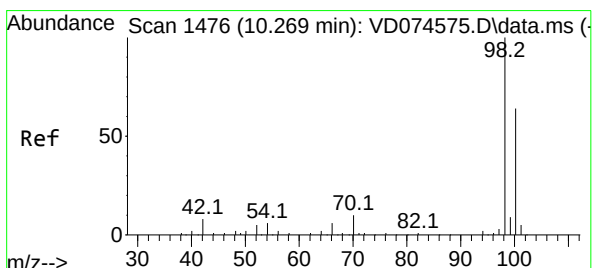
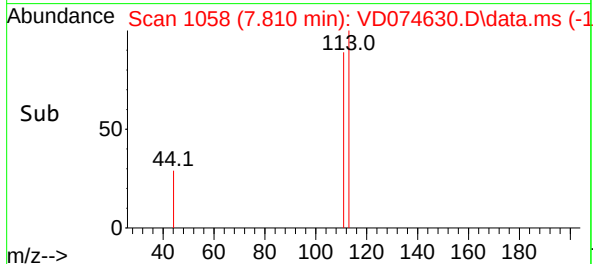
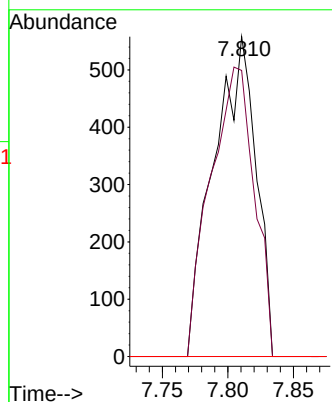
MSVOA_D

ClientSampleId :

SP-2RE



Tgt Ion:	113	Resp:	1259
Ion	Ratio	Lower	Upper
113	100		
111	93.5	82.3	123.5
192	0.0	16.4	24.6#



#50

Toluene-d8

Concen: 63.404 ug/l

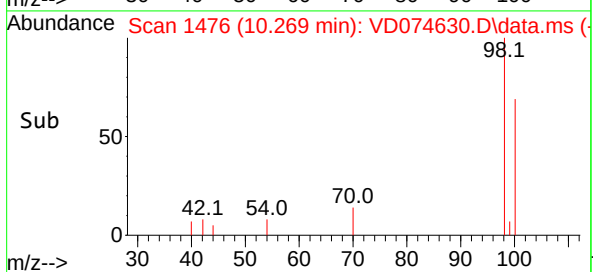
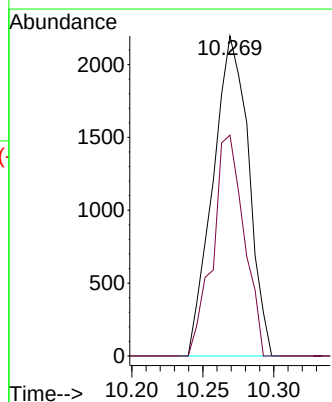
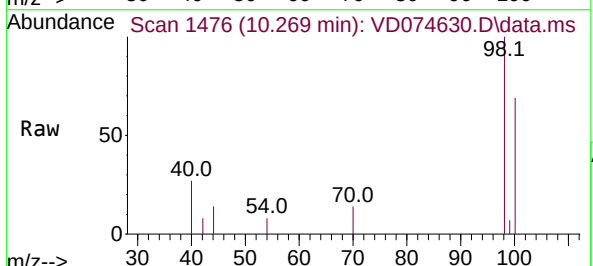
RT: 10.269 min Scan# 1476

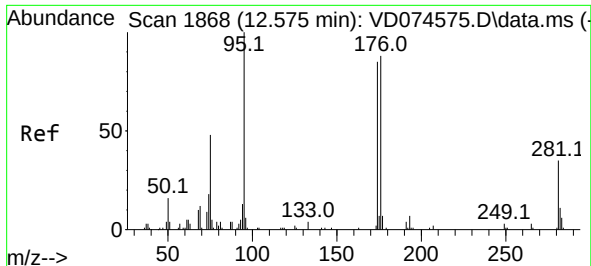
Delta R.T. 0.000 min

Lab File: VD074630.D

Acq: 25 Oct 2022 14:01

Tgt Ion:	98	Resp:	3830
Ion	Ratio	Lower	Upper
98	100		
100	60.6	51.4	77.0

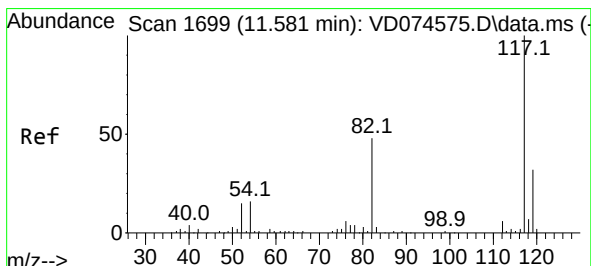
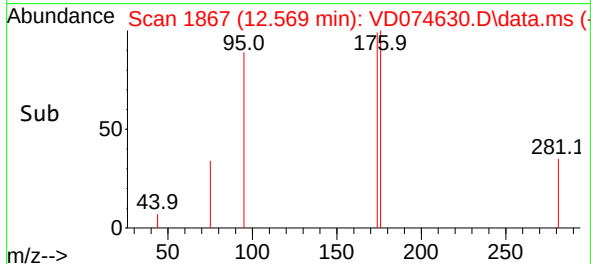
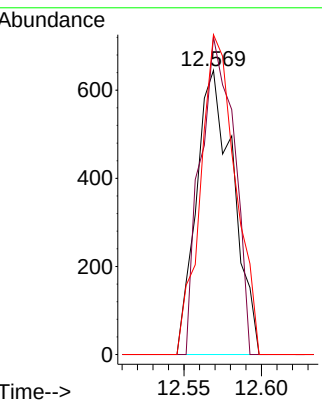
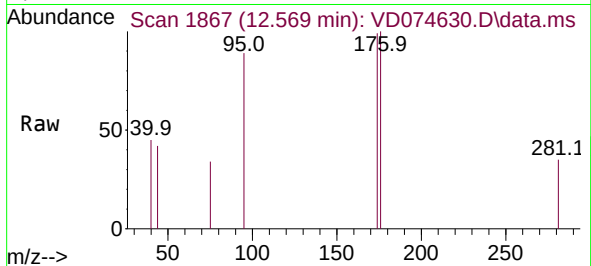




#62
4-Bromofluorobenzene
Concen: 61.800 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

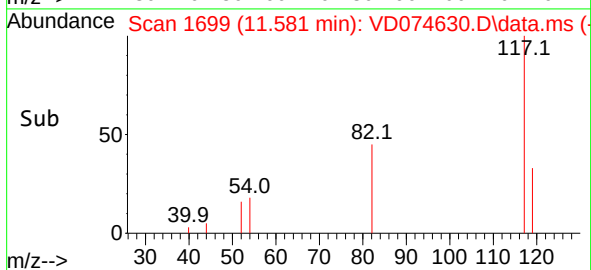
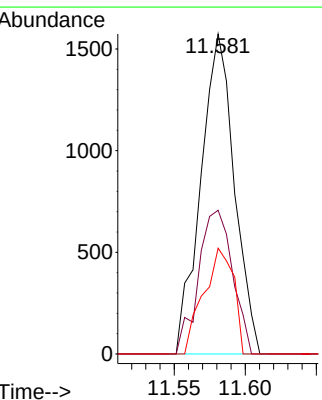
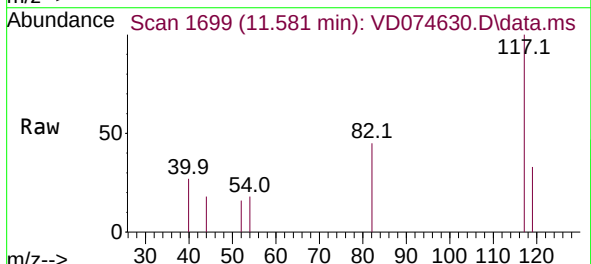
Instrument :
MSVOA_D
ClientSampleId :
SP-2RE

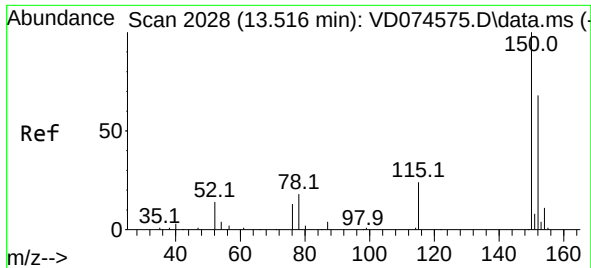
Tgt Ion: 95	Resp: 1066
Ion Ratio	Lower Upper
95 100	
174 102.1	0.0 197.0
176 107.1	0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074630.D
Acq: 25 Oct 2022 14:01

Tgt Ion: 117	Resp: 2589
Ion Ratio	Lower Upper
117 100	
82 44.9	41.6 62.4
119 33.0	25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD074630.D

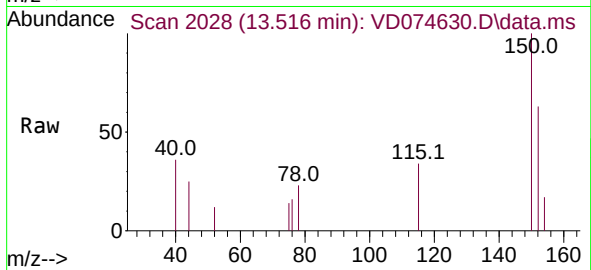
Acq: 25 Oct 2022 14:01

Instrument :

MSVOA_D

ClientSampleId :

SP-2RE



Tgt Ion:152 Resp: 1334

Ion Ratio Lower Upper

152 100

115 48.2 26.8 80.4

150 142.8 0.0 348.2

