

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022124\
 Data File : VD078505.D
 Acq On : 21 Feb 2024 18:04
 Operator : RP/MD
 Sample : P1545-02
 Misc : 5.05G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 287

Quant Time: Feb 22 00:06:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

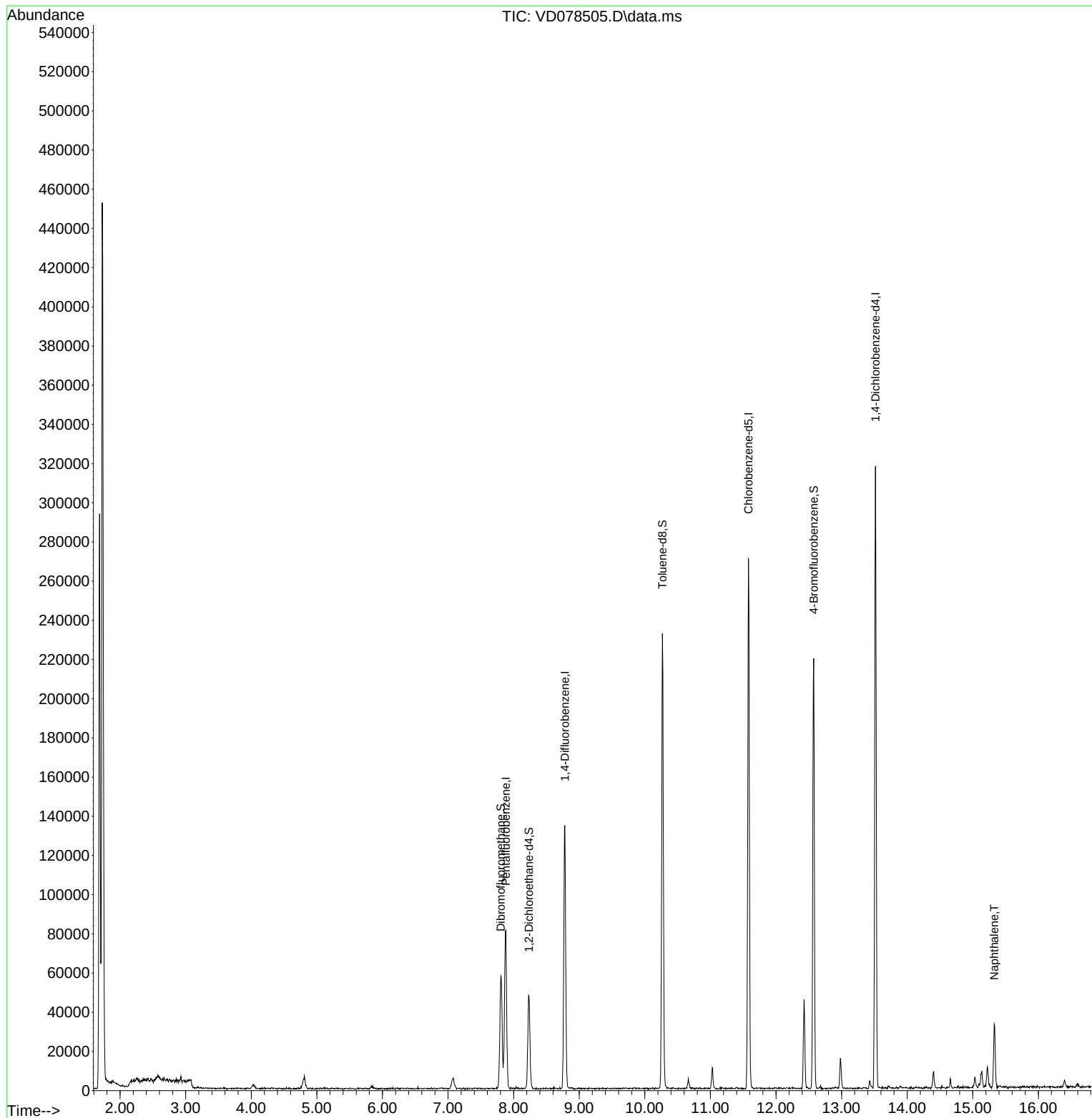
Internal Standards						
1) Pentafluorobenzene	7.881	168	62050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	122117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	160591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	85727	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37237	55.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.805	113	42615	54.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.880%
50) Toluene-d8	10.269	98	162285	52.299	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.575	95	67680	74.950	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	149.900%#
Target Compounds						
						Qvalue
95) Naphthalene	15.328	128	30096	11.387	ug/l #	95

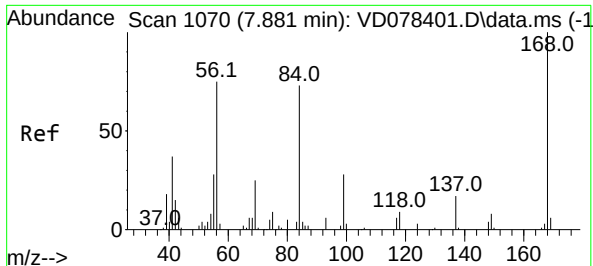
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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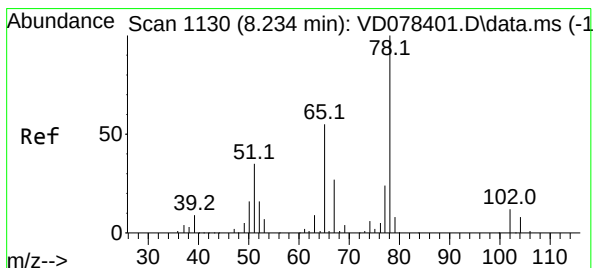
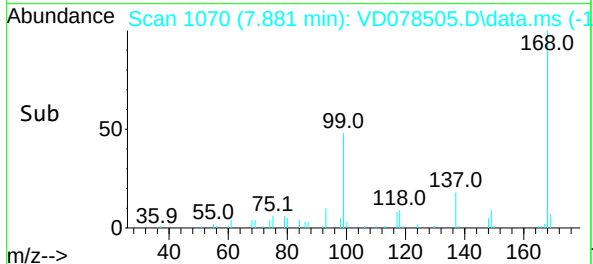
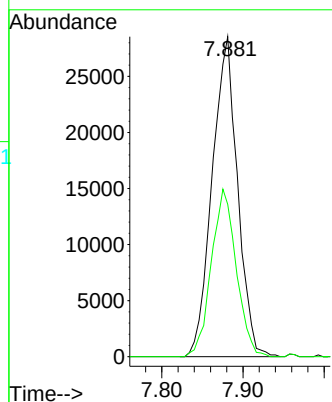
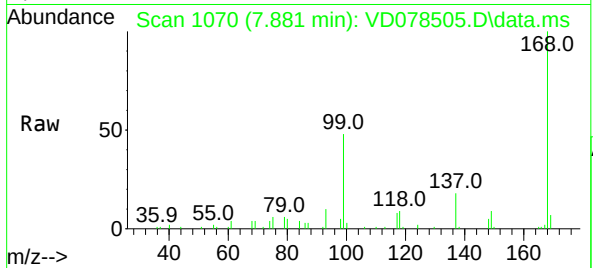




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

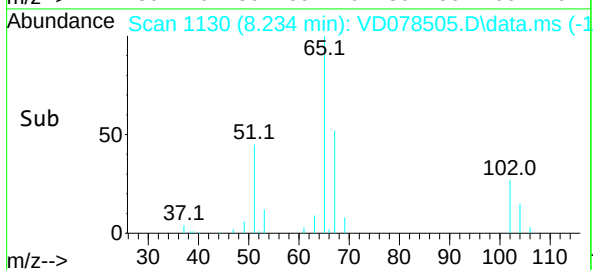
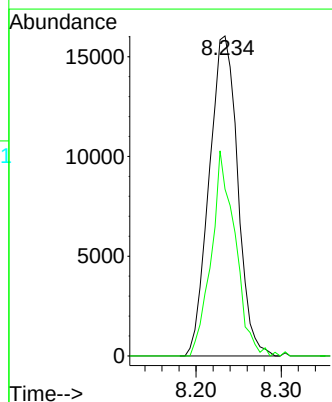
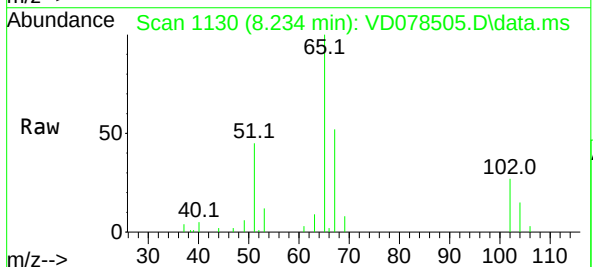
Instrument :
MSVOA_D
ClientSampleId :
287

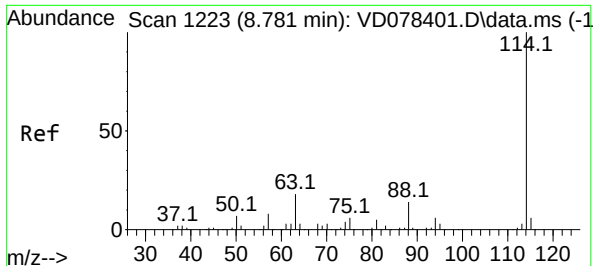
Tgt Ion:168 Resp: 62050
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 55.502 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

Tgt Ion: 65 Resp: 37237
Ion Ratio Lower Upper
65 100
67 53.9 0.0 115.0

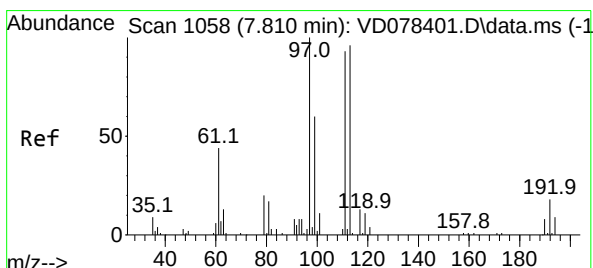
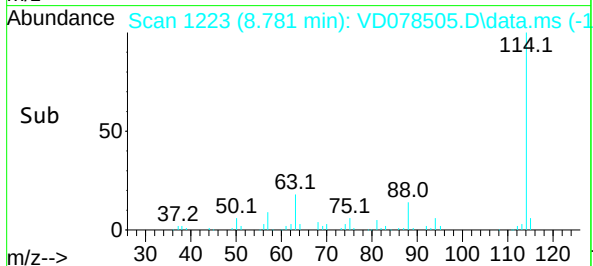
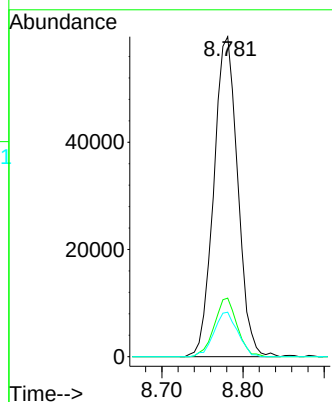
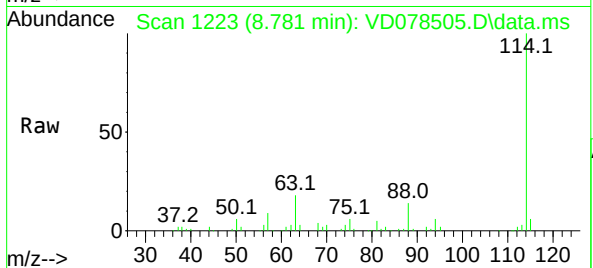




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

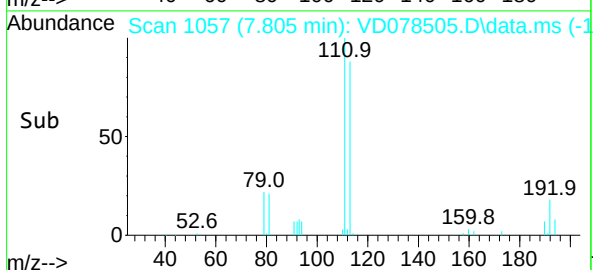
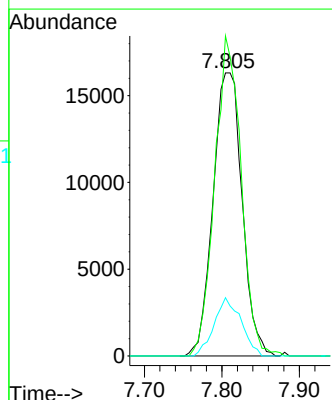
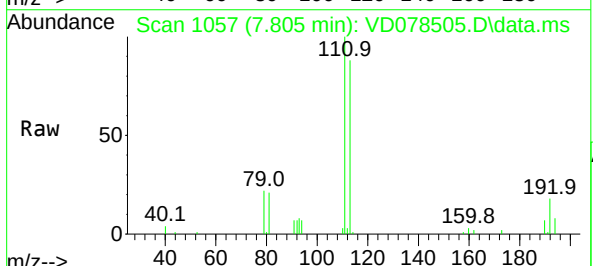
Instrument :
MSVOA_D
ClientSampleId :
287

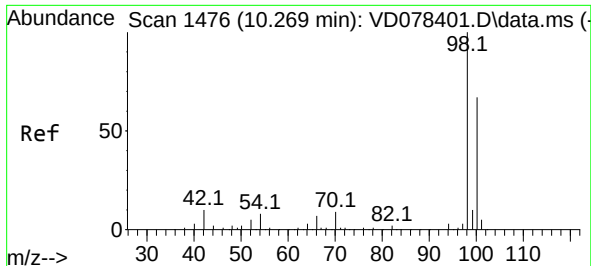
Tgt Ion:114 Resp: 122117
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 13.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 54.937 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

Tgt Ion:113 Resp: 42615
Ion Ratio Lower Upper
113 100
111 102.6 84.7 127.1
192 19.0 16.8 25.2

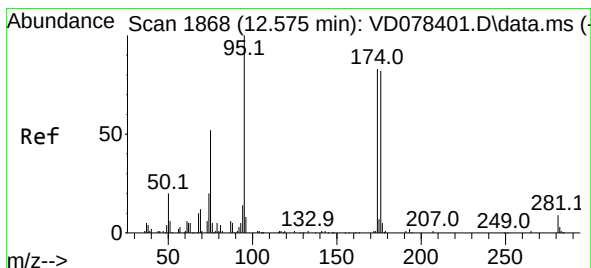
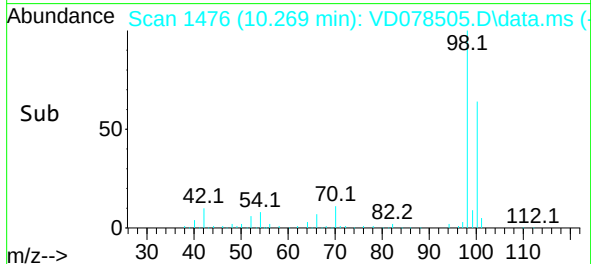
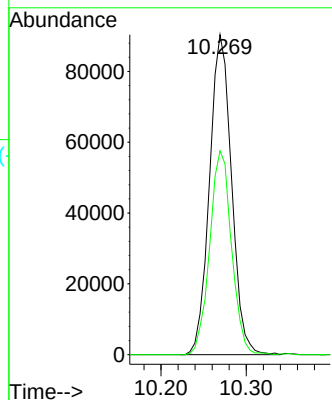
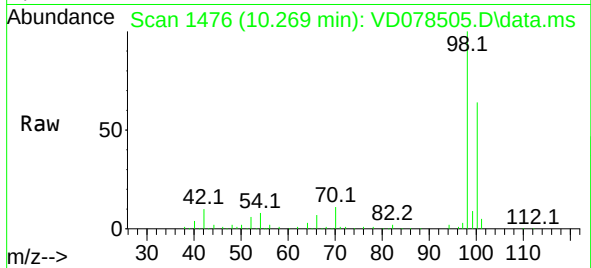




#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

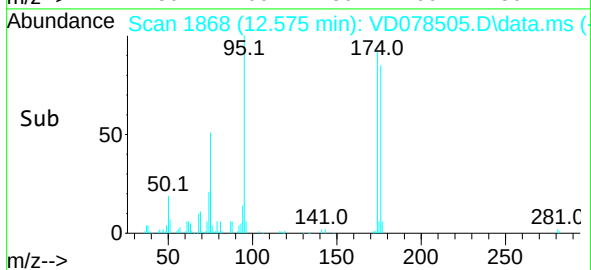
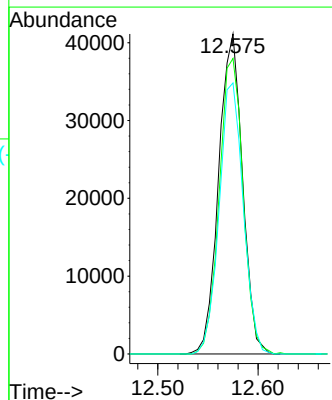
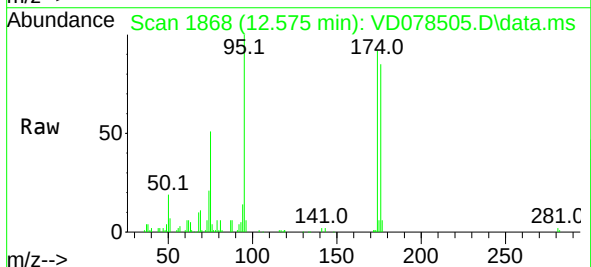
Instrument :
MSVOA_D
ClientSampleId :
287

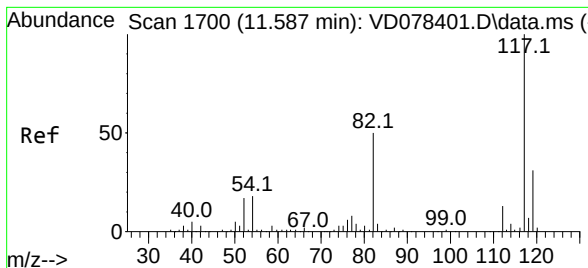
Tgt Ion: 98 Resp: 162285
Ion Ratio Lower Upper
98 100
100 63.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 74.950 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

Tgt Ion: 95 Resp: 67680
Ion Ratio Lower Upper
95 100
174 92.6 0.0 201.8
176 85.6 0.0 191.8

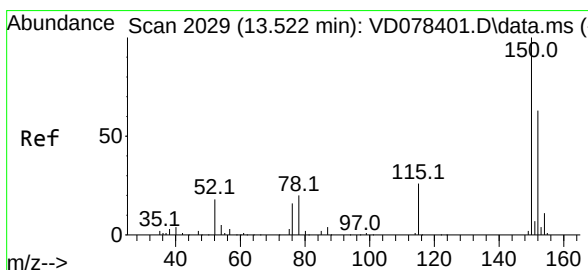
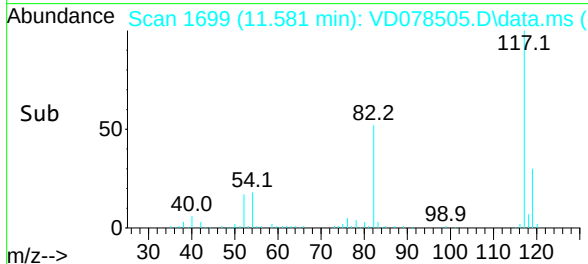
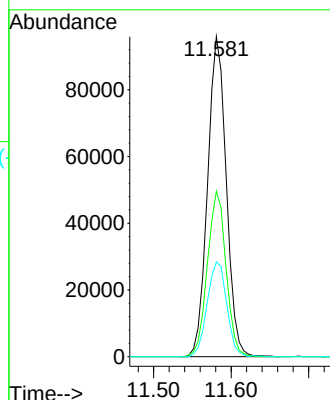
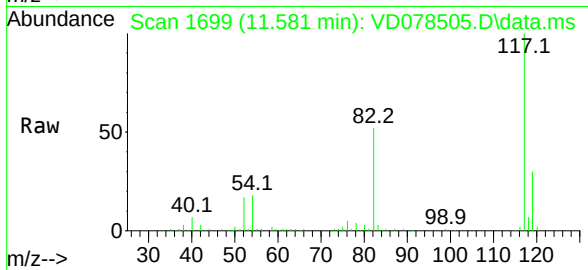




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

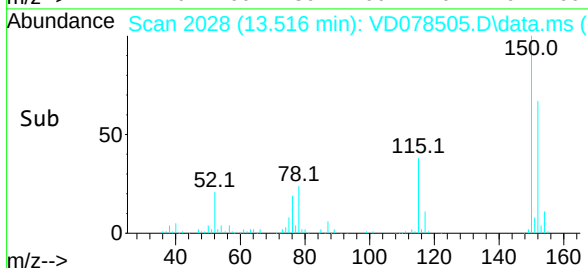
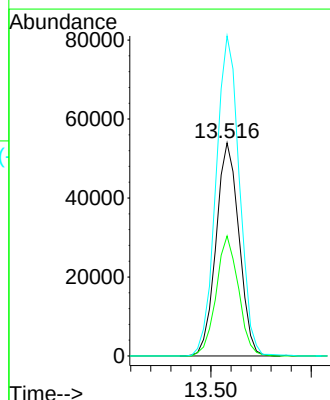
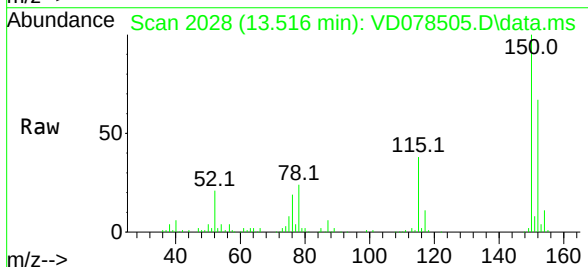
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MSVOA_D
ClientSampleId :
287

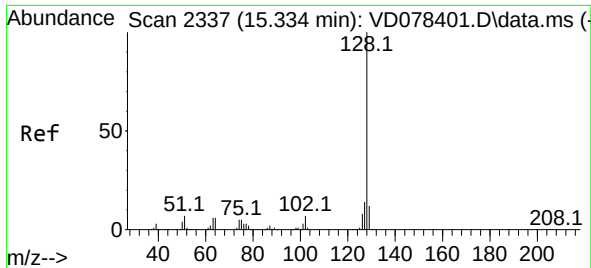
Tgt Ion:117 Resp: 160591
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 29.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

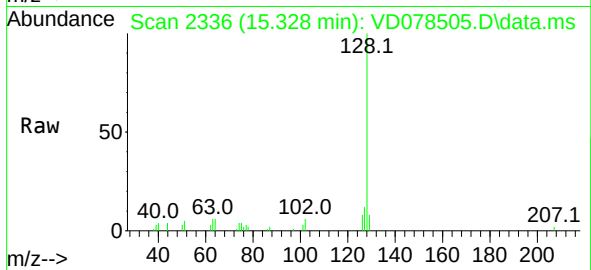
Tgt Ion:152 Resp: 85727
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 153.2 0.0 353.6





#95
Naphthalene
Concen: 11.387 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078505.D
Acq: 21 Feb 2024 18:04

Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.5	15.7
129	7.5	8.7	13.1

