

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051624\
 Data File : VD078946.D
 Acq On : 16 May 2024 14:34
 Operator : RP/MD
 Sample : P2491-01
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-277

Quant Time: May 17 06:10:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

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

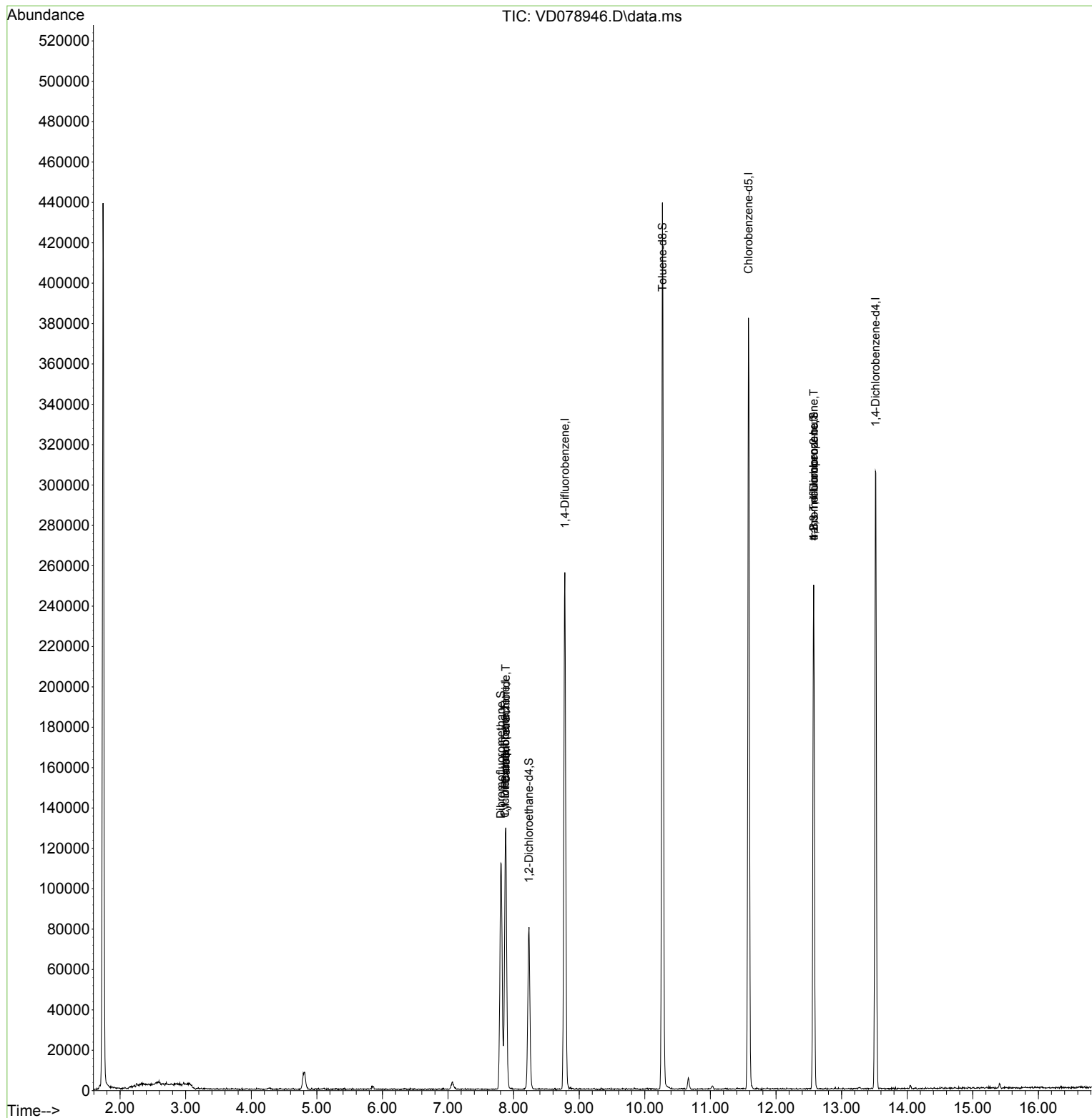
Internal Standards						
1) Pentafluorobenzene	7.875	168	104802	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	241911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	232391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90192	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61671	62.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.460%	
35) Dibromofluoromethane	7.805	113	82572	51.277	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.269	98	303761	50.318	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.575	95	73888	43.569	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 87.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	59	Below Cal	#	40
17) Carbon Disulfide	4.264	76	476	Below Cal	#	76
31) Cyclohexane	7.869	56	2065	1.438	ug/l #	53
36) 1,1-Dichloropropene	7.869	75	7783	3.884	ug/l #	44
38) Carbon Tetrachloride	7.881	117	10375	4.424	ug/l #	18
76) 1,2,3-Trichloropropane	12.575	75	36961	58.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	36961	115.433	ug/l #	19

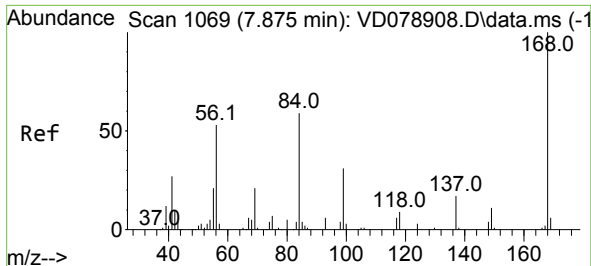
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 14 06:21:28 2024
Response via : Initial Calibration

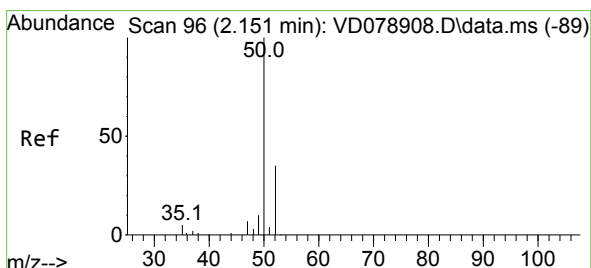
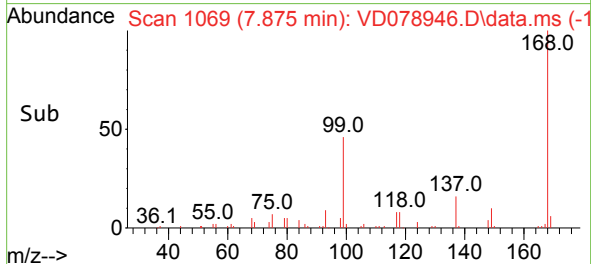
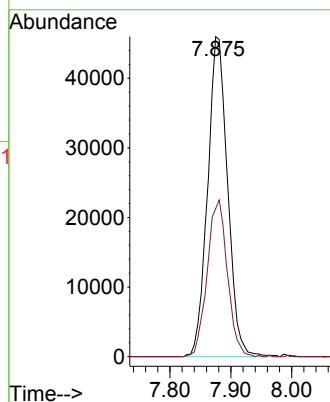
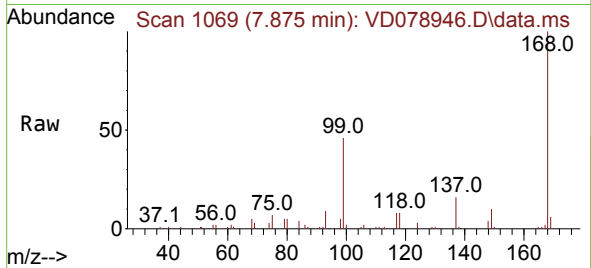




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

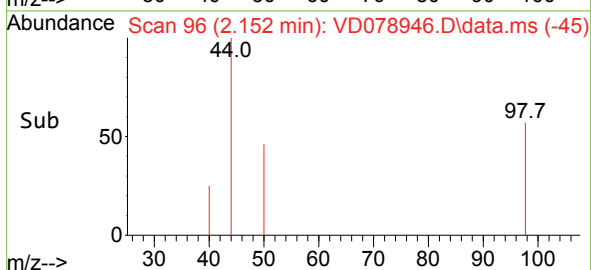
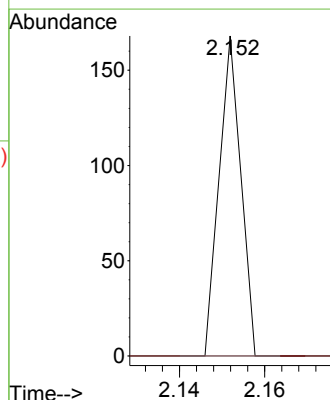
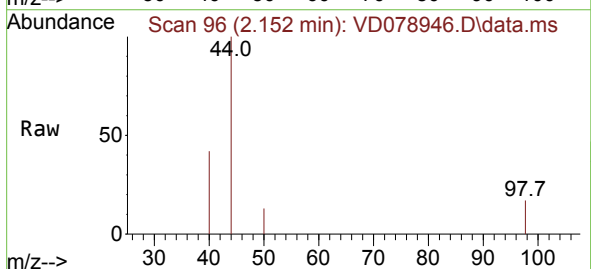
Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

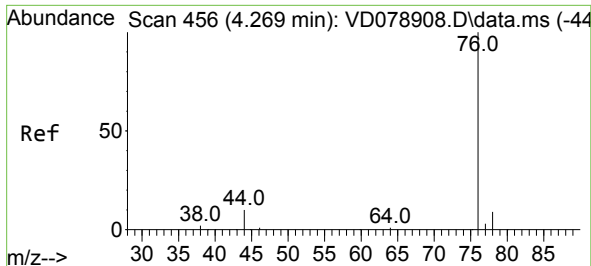
Tgt Ion:168 Resp: 104802
Ion Ratio Lower Upper
168 100
99 46.3 41.1 61.7



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.001 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

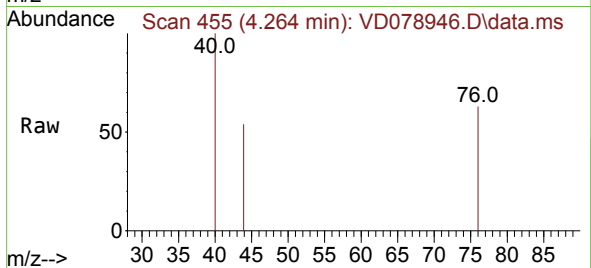
Tgt Ion: 50 Resp: 59
Ion Ratio Lower Upper
50 100
52 0.0 28.2 42.2#



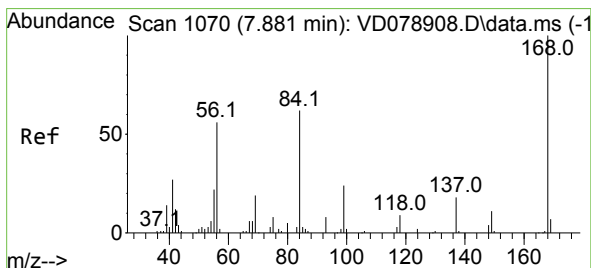
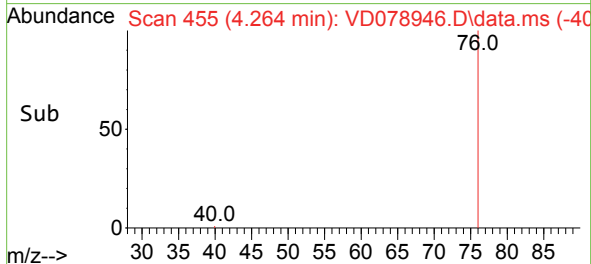
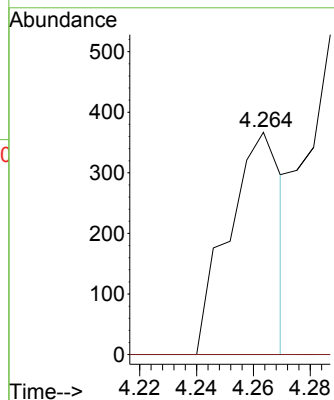


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

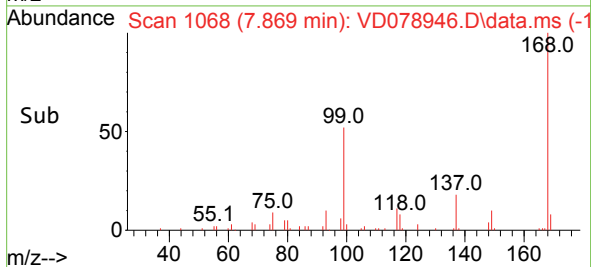
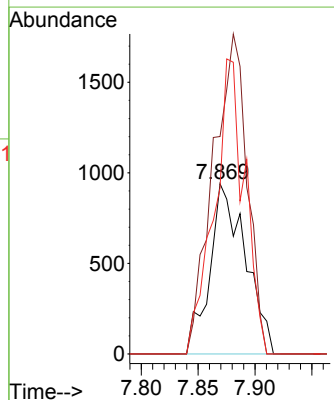
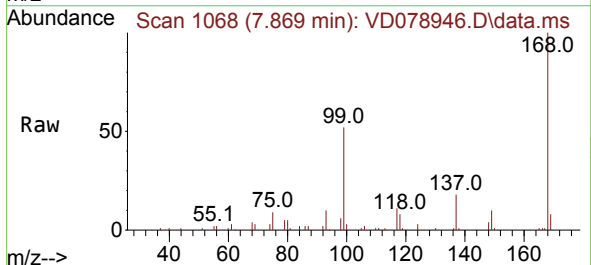


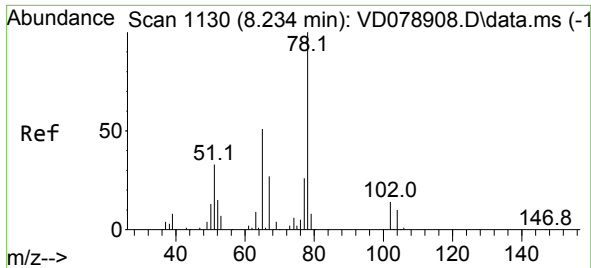
Tgt Ion: 76 Resp: 476
Ion Ratio Lower Upper
76 100
78 0.0 6.9 10.3#



#31
Cyclohexane
Concen: 1.438 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.011 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 56 Resp: 2065
Ion Ratio Lower Upper
56 100
69 127.8 28.0 42.0#
84 97.4 87.4 131.0

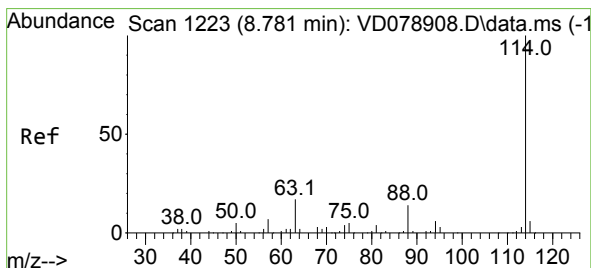
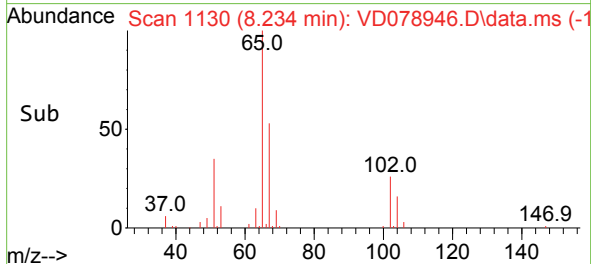
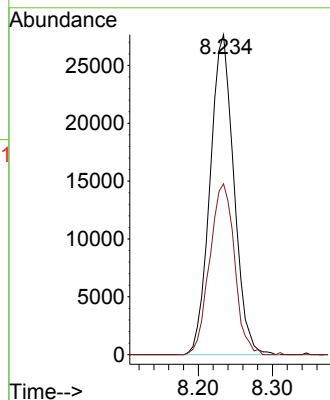
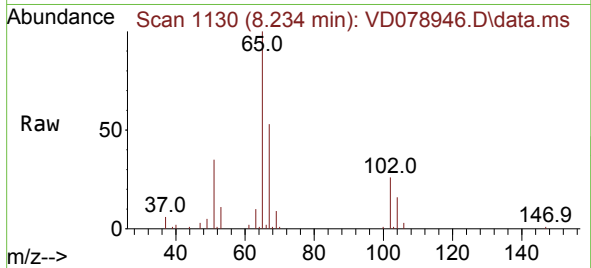




#33
1,2-Dichloroethane-d4
Concen: 62.735 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

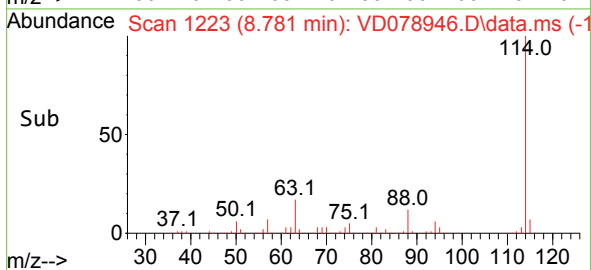
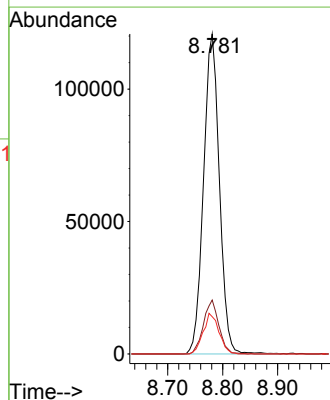
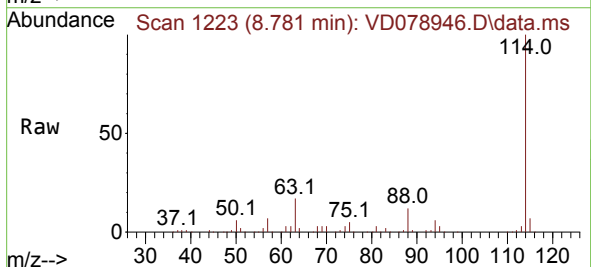
Instrument :
MSVOA_D
ClientSampleId :
VNJ-277

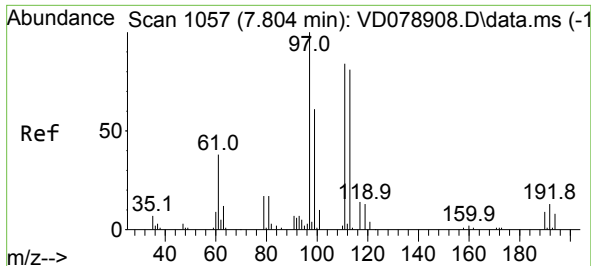
Tgt Ion: 65 Resp: 61671
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 114 Resp: 241911
Ion Ratio Lower Upper
114 100
63 16.9 0.0 34.0
88 11.7 0.0 27.2

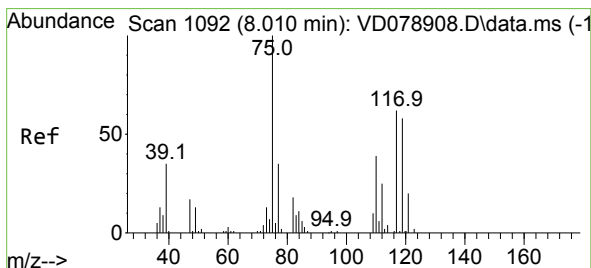
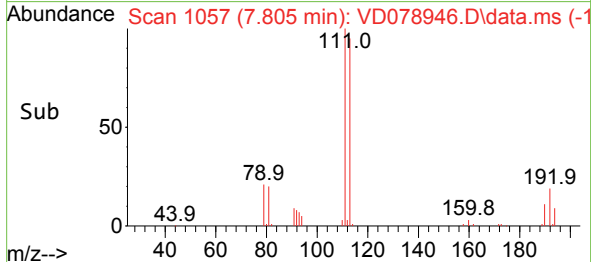
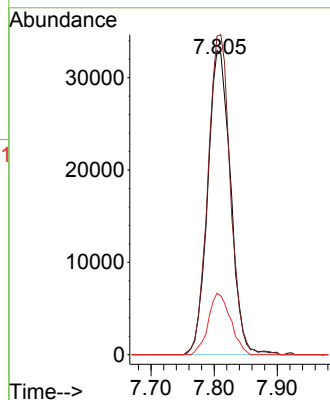
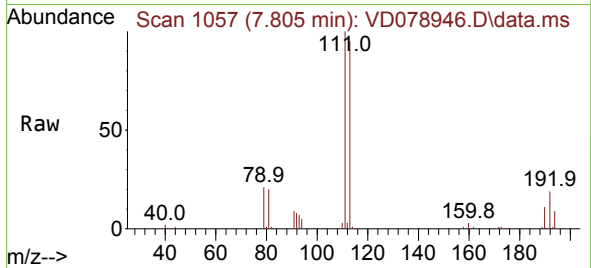




#35
Dibromofluoromethane
Concen: 51.277 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

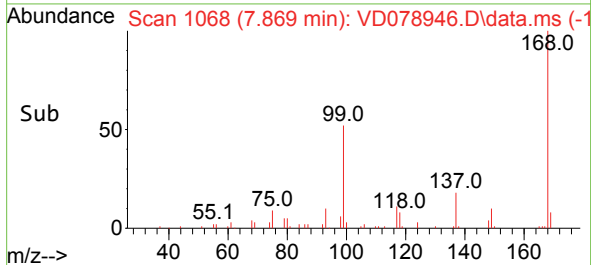
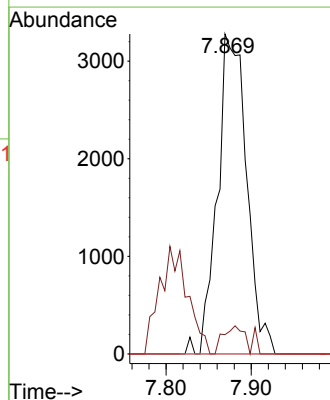
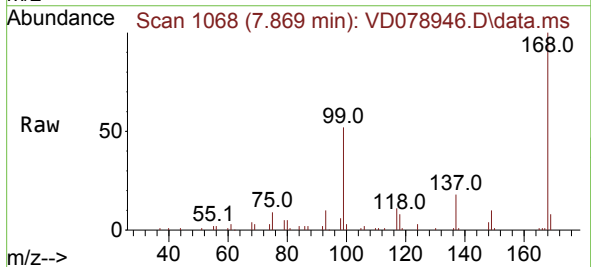
Instrument :
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ClientSampleId :
VNJ-277

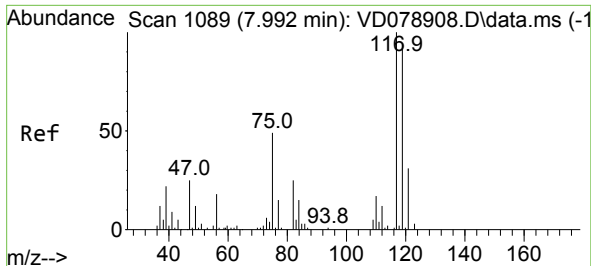
Tgt Ion:113 Resp: 82572
Ion Ratio Lower Upper
113 100
111 103.9 84.0 126.0
192 19.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 3.884 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 75 Resp: 7783
Ion Ratio Lower Upper
75 100
110 6.3 19.6 58.7#
77 0.0 26.1 39.1#

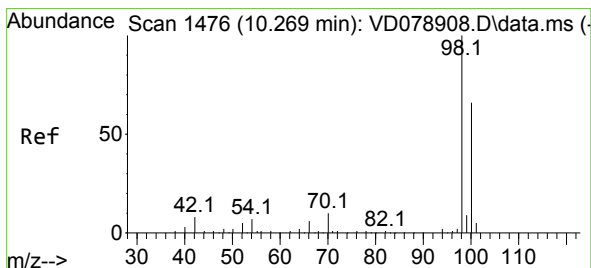
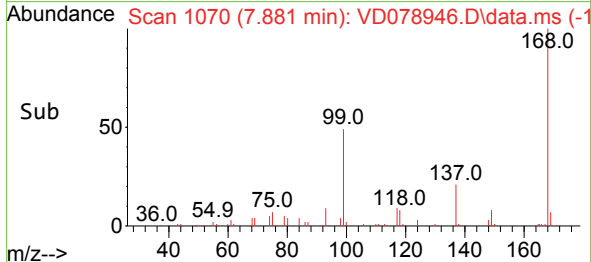
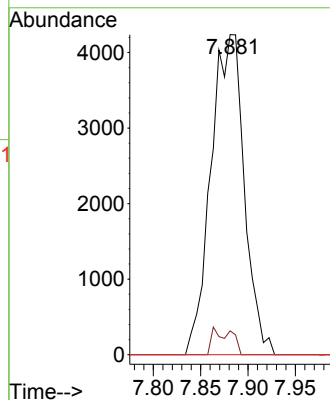
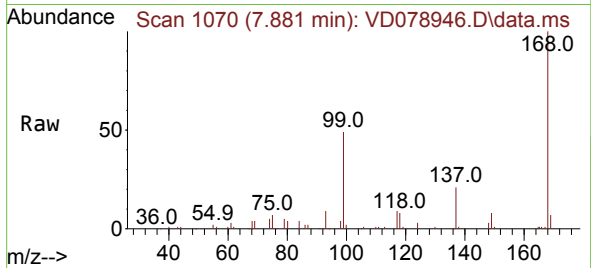




#38
Carbon Tetrachloride
Concen: 4.424 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.111 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

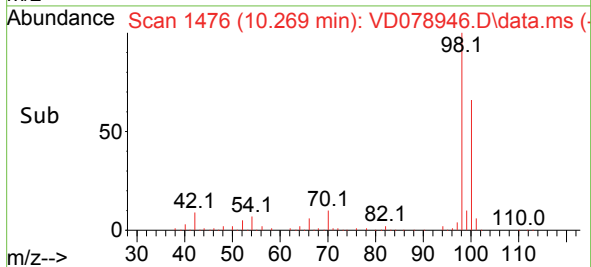
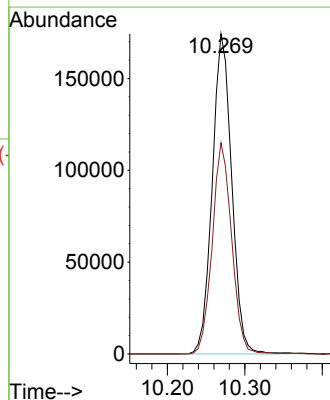
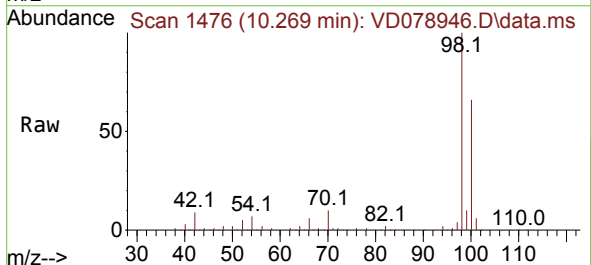
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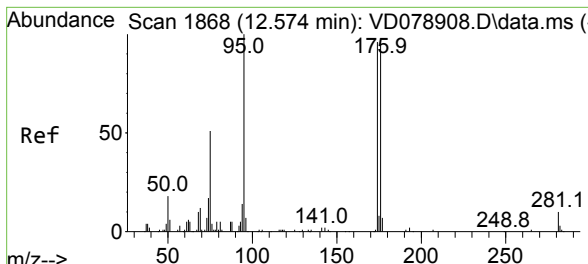
Tgt Ion:117 Resp: 10375
Ion Ratio Lower Upper
117 100
119 7.4 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 50.318 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078946.D
Acq: 16 May 2024 14:34

Tgt Ion: 98 Resp: 303761
Ion Ratio Lower Upper
98 100
100 65.8 51.6 77.4

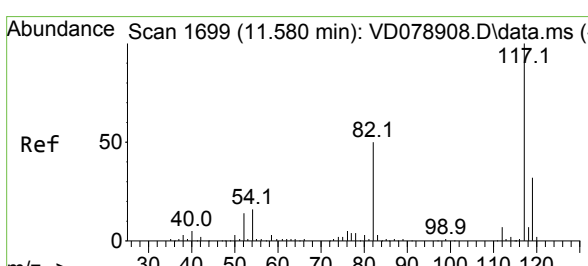
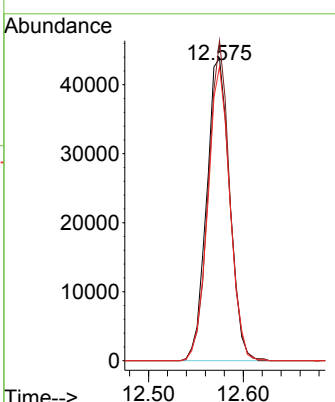
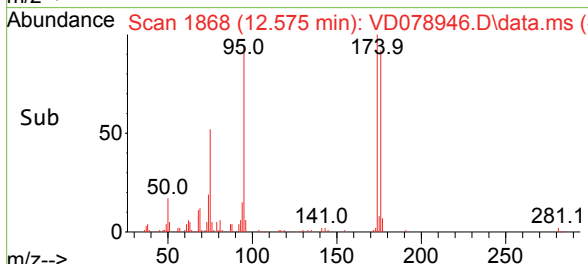
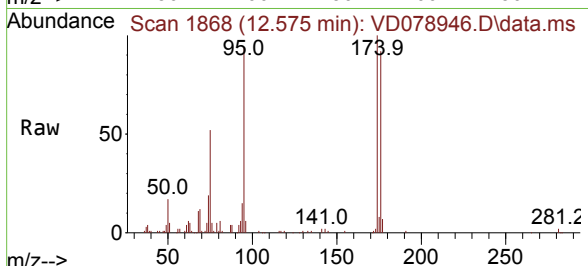




#62
 4-Bromofluorobenzene
 Concen: 43.569 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VD078946.D
 Acq: 16 May 2024 14:34

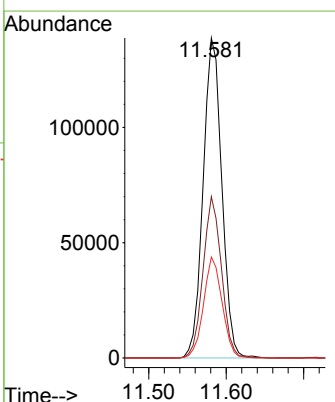
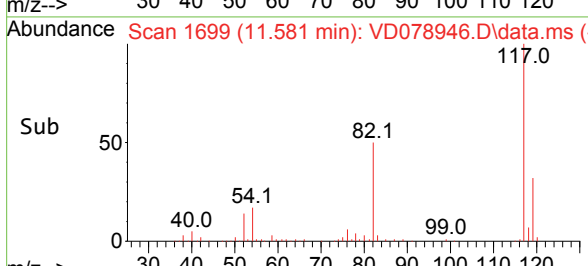
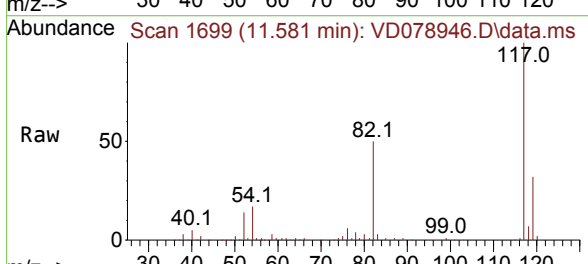
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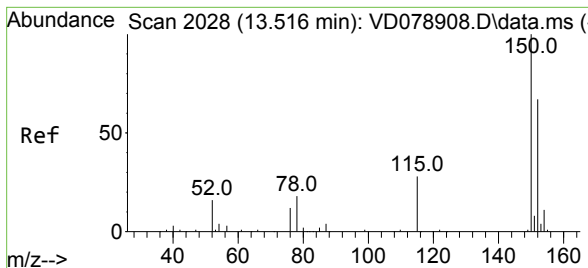
Tgt Ion:	95	Resp:	73888
Ion Ratio	Lower	Upper	
95	100		
174	98.0	0.0	195.4
176	93.2	0.0	192.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078946.D
 Acq: 16 May 2024 14:34

Tgt Ion:	117	Resp:	232391
Ion Ratio	Lower	Upper	
117	100		
82	50.4	39.8	59.6
119	31.6	25.7	38.5

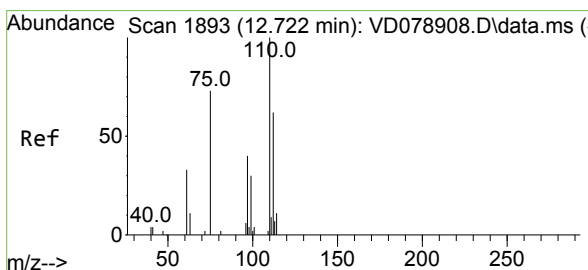
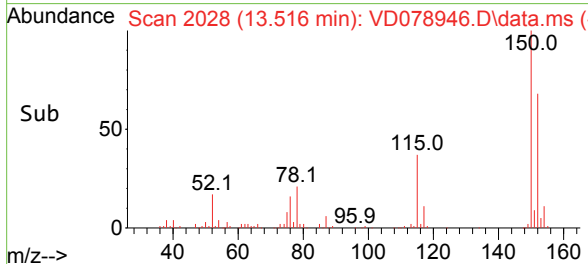
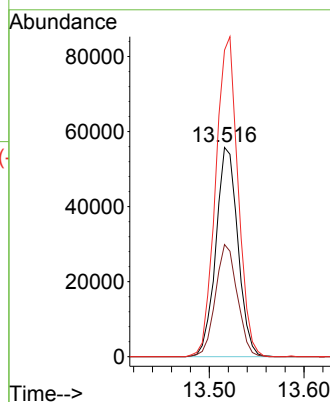
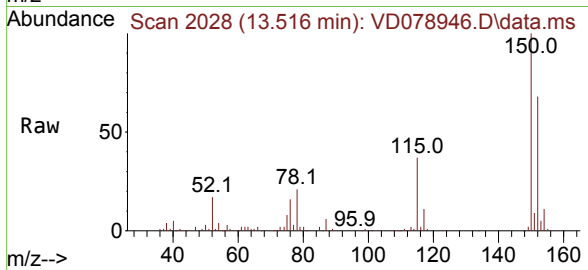




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078946.D
 Acq: 16 May 2024 14:34

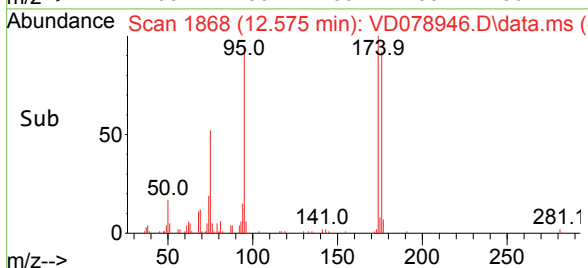
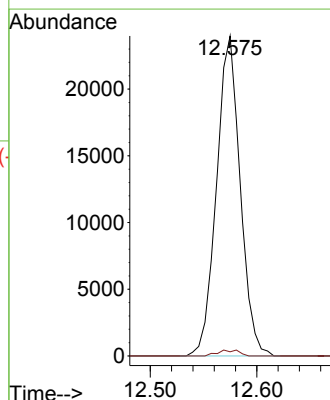
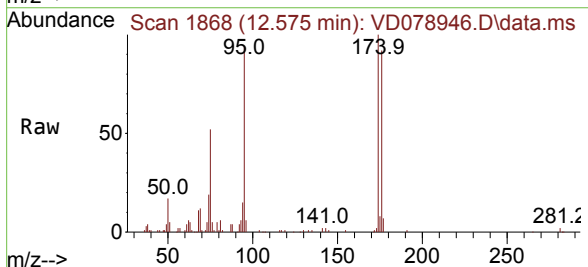
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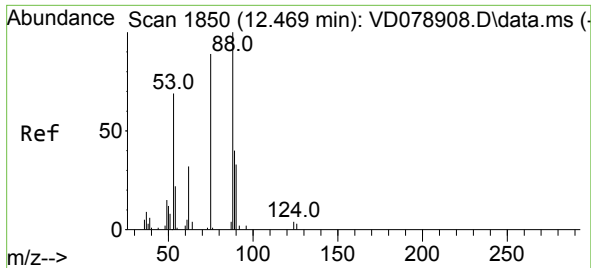
Tgt Ion:152 Resp: 90192
 Ion Ratio Lower Upper
 152 100
 115 53.2 26.5 79.5
 150 155.0 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 58.210 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078946.D
 Acq: 16 May 2024 14:34

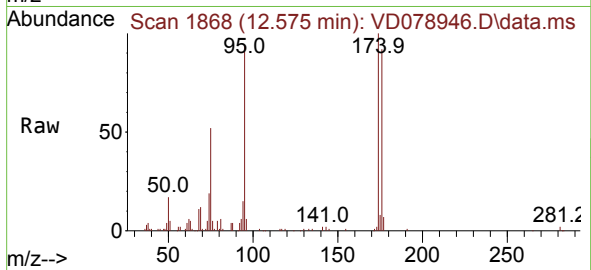
Tgt Ion: 75 Resp: 36961
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.433 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078946.D
 Acq: 16 May 2024 14:34

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-277



Tgt Ion:	75	Resp:	36961
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

