

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078416.D
 Acq On : 14 Feb 2024 16:07
 Operator : RP/MD
 Sample : P1461-04
 Misc : 6.12G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 03:41:36 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)

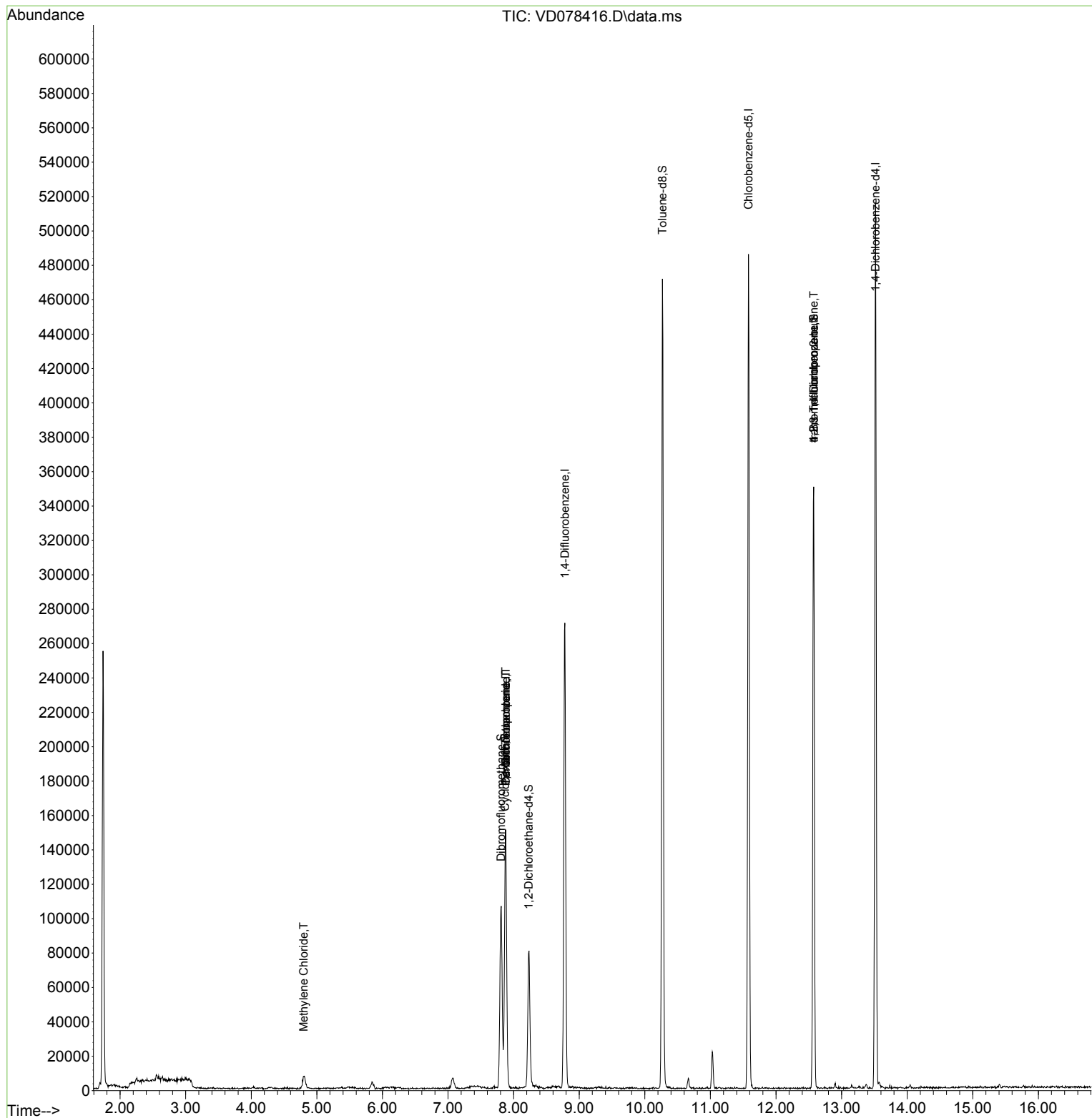
Internal Standards						
1) Pentafluorobenzene	7.881	168	114842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	242311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	280862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60390	48.634	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.260%
35) Dibromofluoromethane	7.810	113	78789	51.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.380%
50) Toluene-d8	10.269	98	322787	52.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.840%
62) 4-Bromofluorobenzene	12.575	95	108098	60.330	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	120.660%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	924	Below Cal		94
20) Methylene Chloride	4.799	84	5918	1.191 ug/l #		88
25) 2-Butanone	7.099	43	295	Below Cal #		37
31) Cyclohexane	7.869	56	2388	1.137 ug/l #		1
36) 1,1-Dichloropropene	7.881	75	10158	4.248 ug/l #		45
38) Carbon Tetrachloride	7.881	117	11786	4.977 ug/l #		17
76) 1,2,3-Trichloropropane	12.575	75	58341	51.240 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.575	75	58341	106.375 ug/l #		17

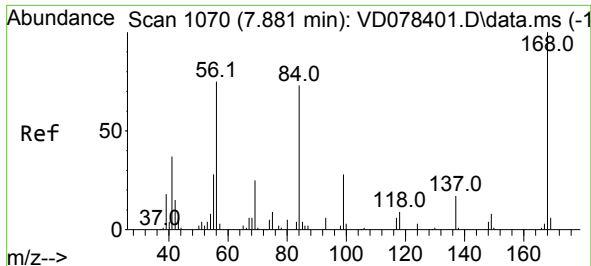
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

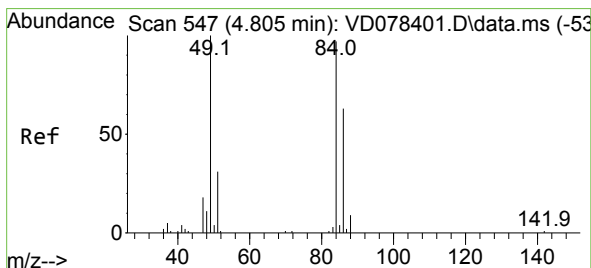
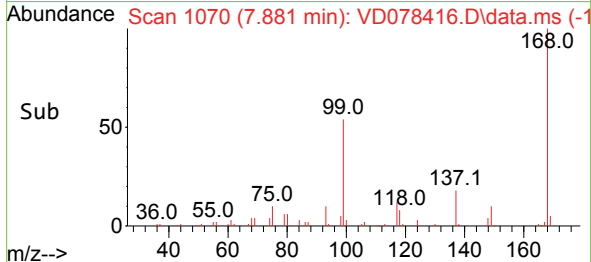
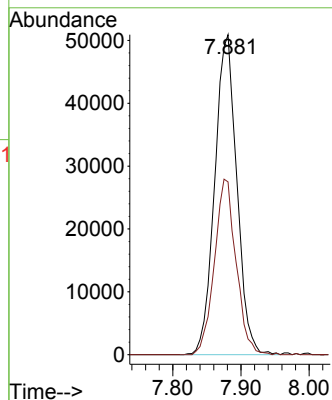
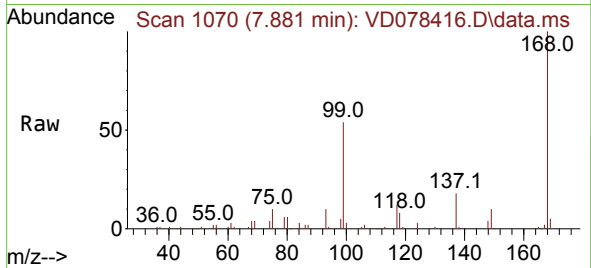




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

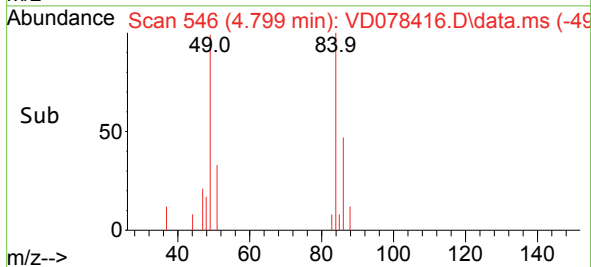
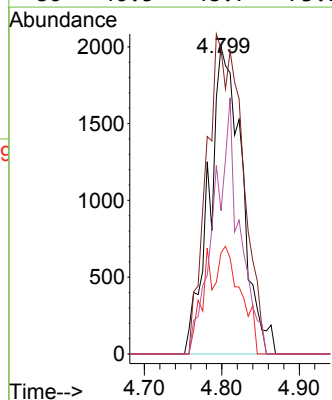
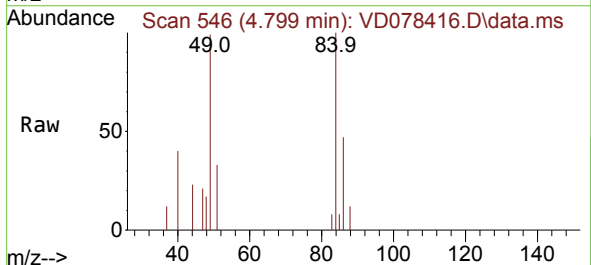
Instrument :
MSVOA_D
ClientSampleId :

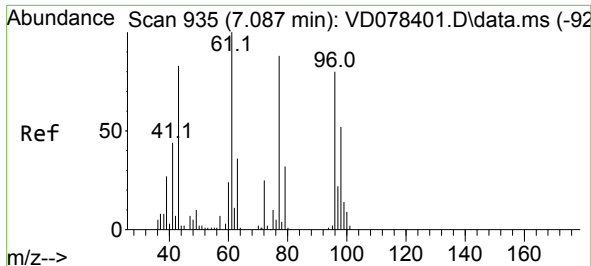
Tgt Ion:168 Resp: 114842
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#20
Methylene Chloride
Concen: 1.191 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

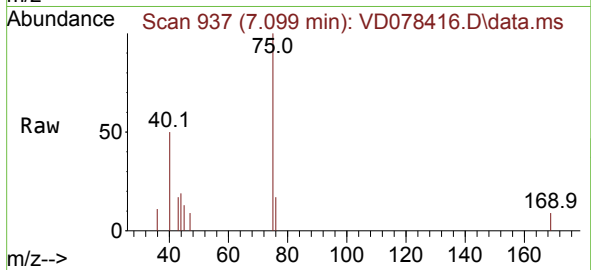
Tgt Ion: 84 Resp: 5918
Ion Ratio Lower Upper
84 100
49 99.2 71.4 107.2
51 32.9 24.5 36.7
86 46.5 48.7 73.1#



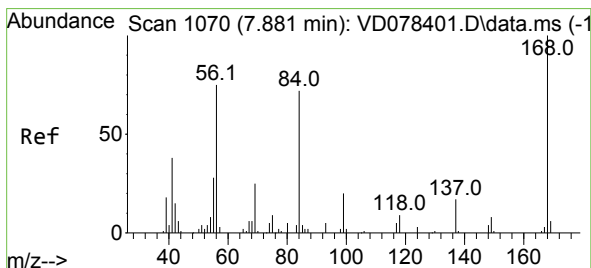
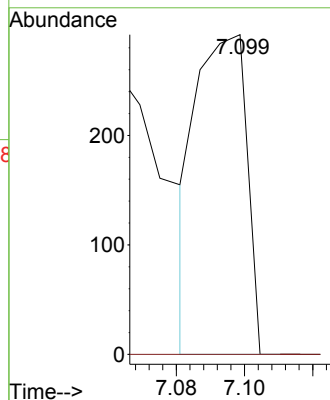
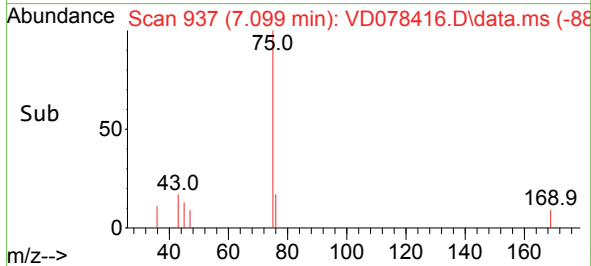


#25
2-Butanone
Concen: Below Cal
RT: 7.099 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Instrument :
MSVOA_D
ClientSampleId :

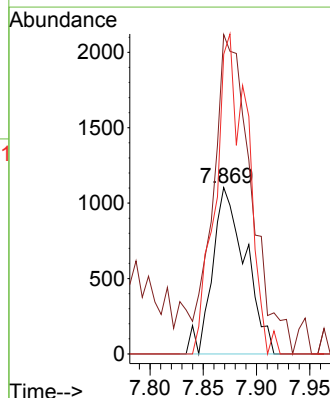
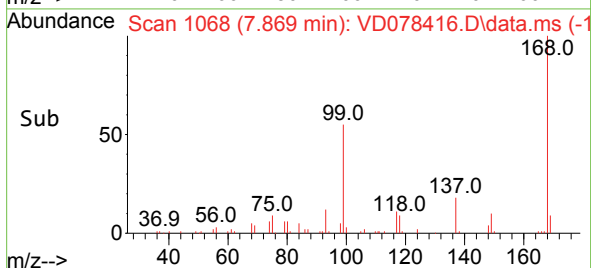
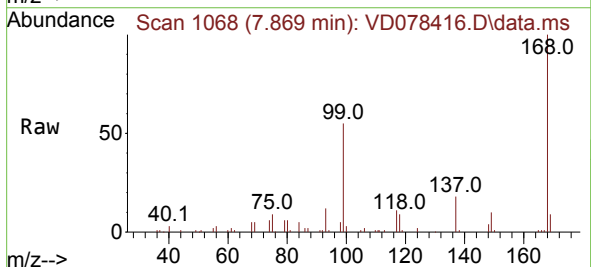


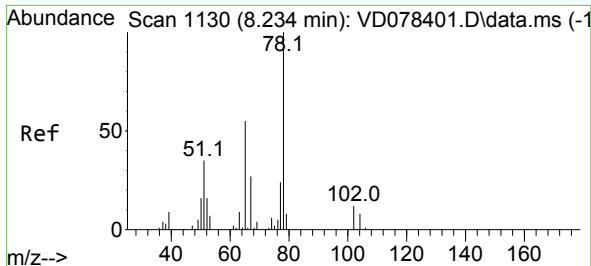
Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion: 56 Resp: 2388
Ion Ratio Lower Upper
56 100
69 172.0 28.6 43.0#
84 180.1 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 48.634 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

Instrument :

MSVOA_D

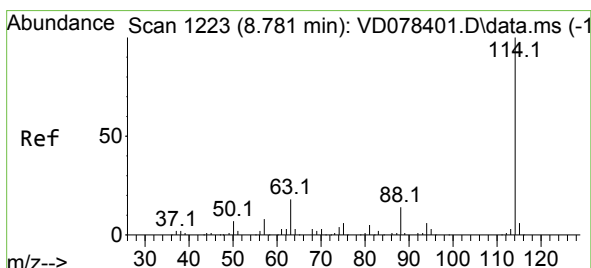
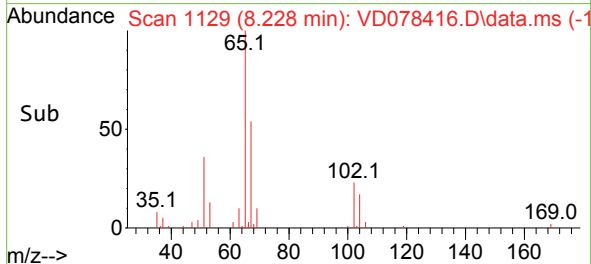
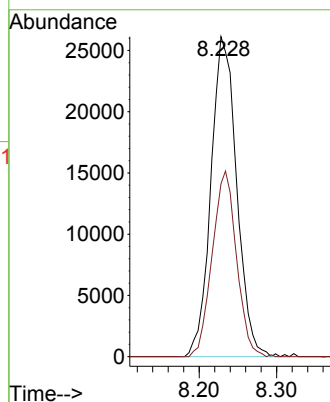
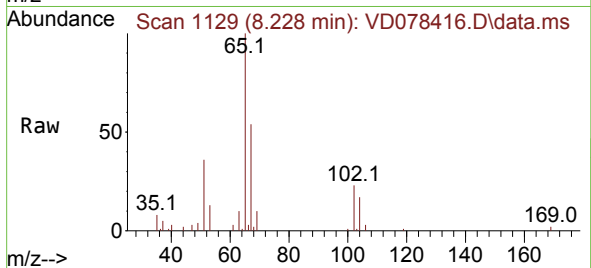
ClientSampleId :

Tgt Ion: 65 Resp: 60390

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

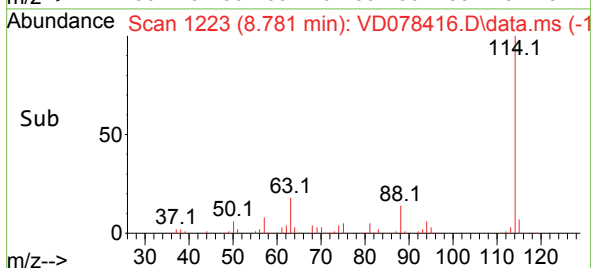
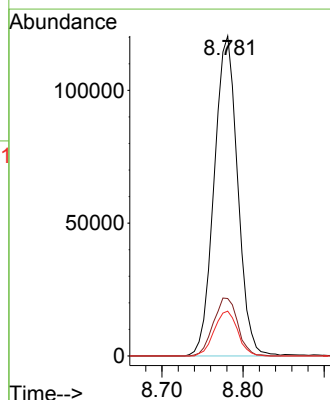
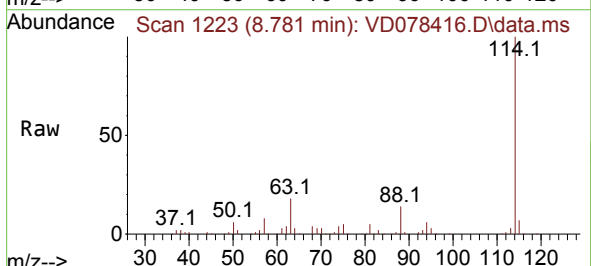
Tgt Ion:114 Resp: 242311

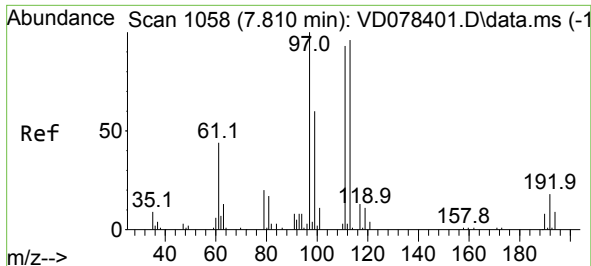
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.188 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

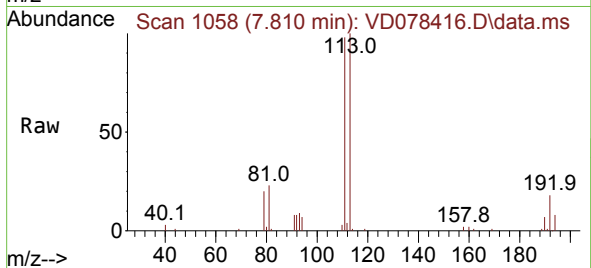
Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

Instrument :

MSVOA_D

ClientSampleId :



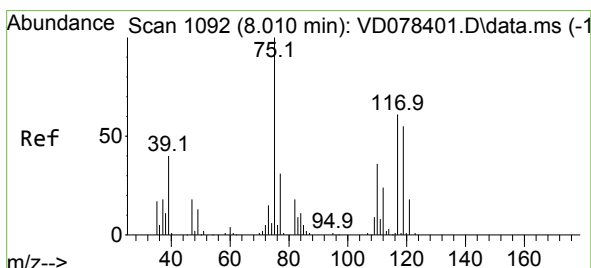
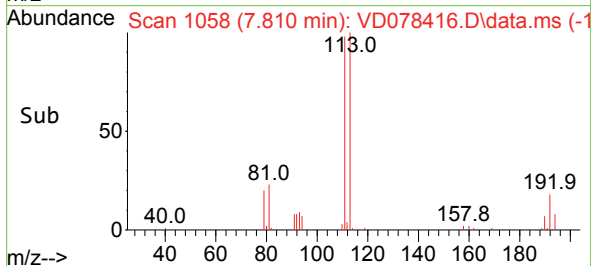
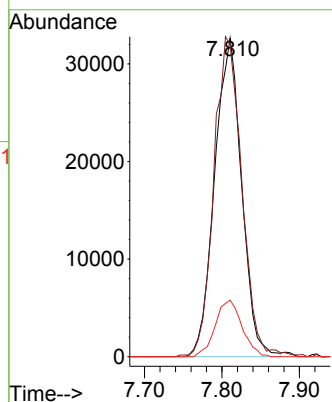
Tgt Ion:113 Resp: 78789

Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 17.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.248 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD078416.D

Acq: 14 Feb 2024 16:07

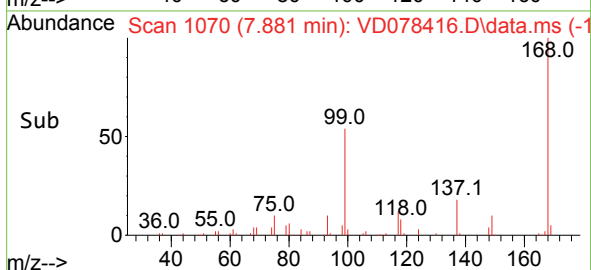
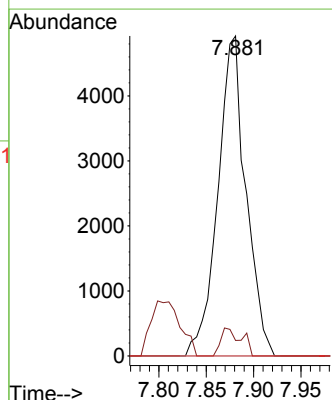
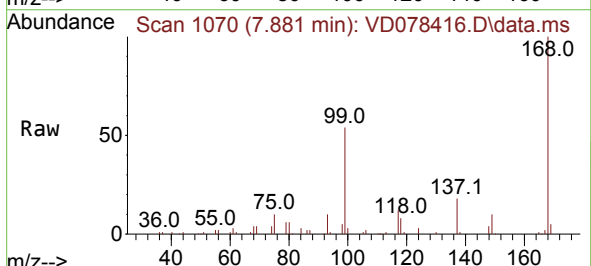
Tgt Ion: 75 Resp: 10158

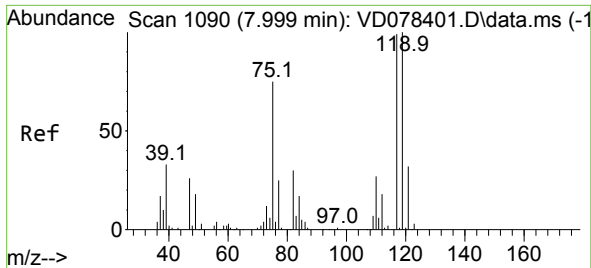
Ion Ratio Lower Upper

75 100

110 6.3 19.9 59.6#

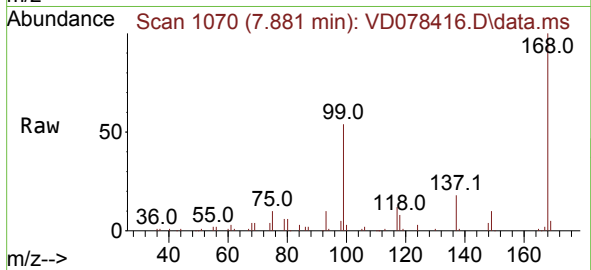
77 0.0 24.7 37.1#



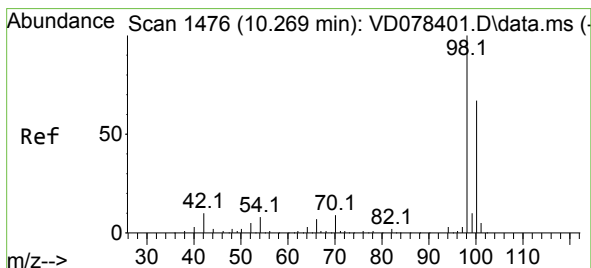
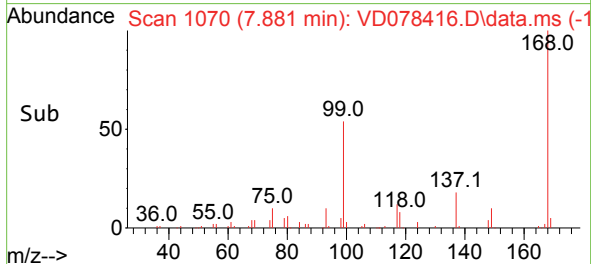
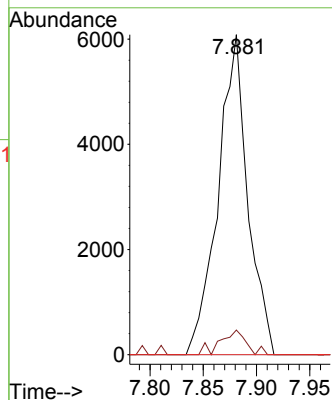


#38
Carbon Tetrachloride
Concen: 4.977 ug/l
RT: 7.881 min Scan# 1090
Delta R.T. -0.118 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Instrument :
MSVOA_D
ClientSampleId :

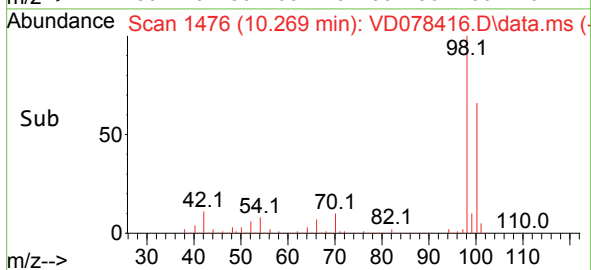
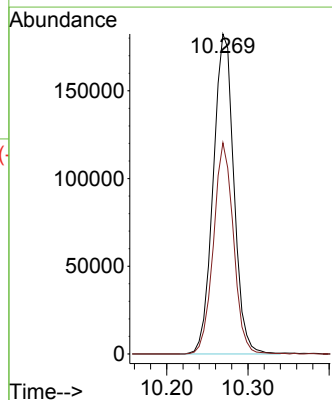
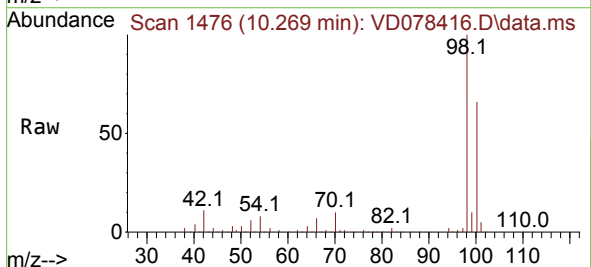


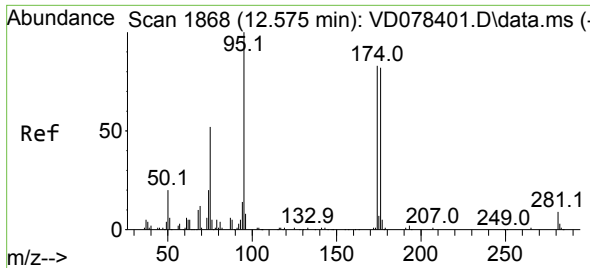
Tgt Ion:117 Resp: 11786
Ion Ratio Lower Upper
117 100
119 7.7 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.424 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion: 98 Resp: 322787
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5

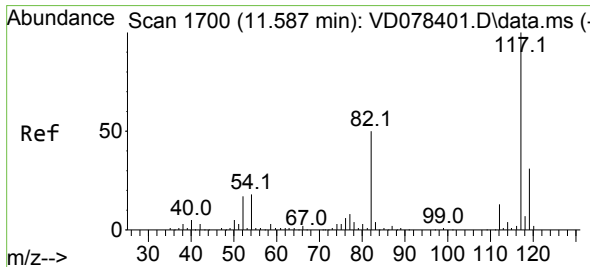
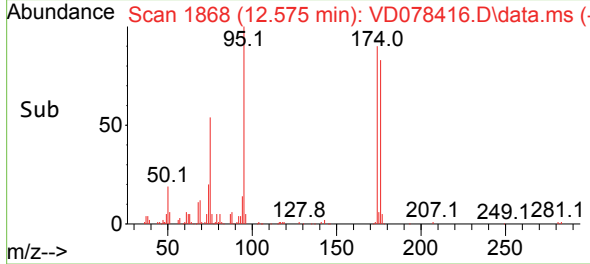
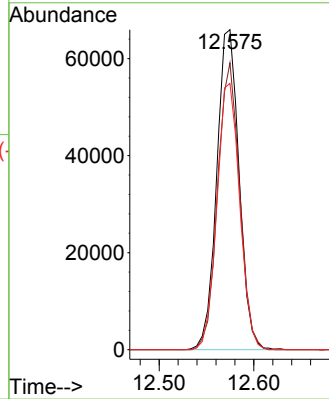
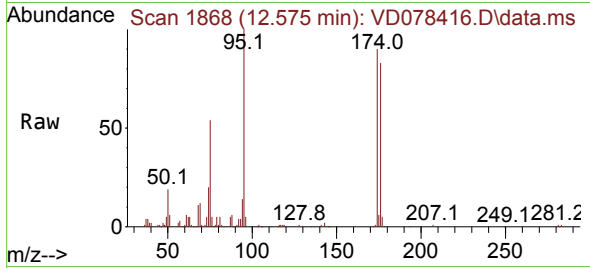




#62
4-Bromofluorobenzene
Concen: 60.330 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

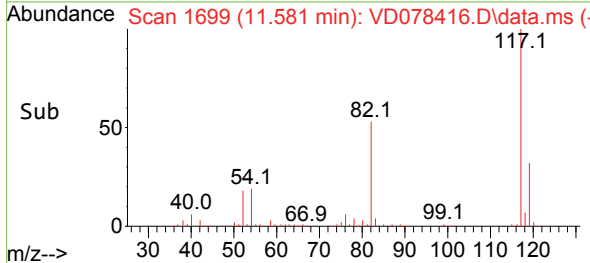
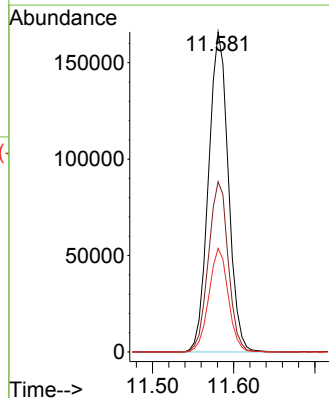
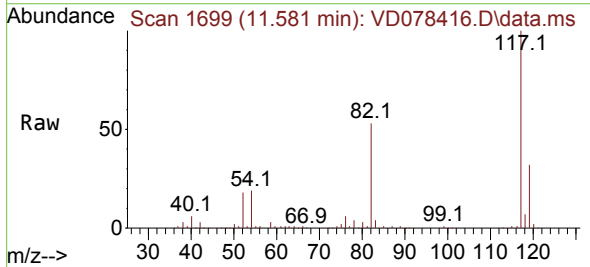
Instrument :
MSVOA_D
ClientSampleId :

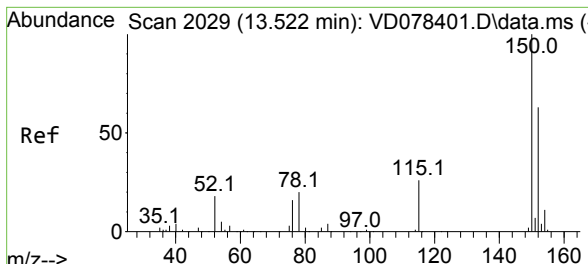
Tgt Ion: 95 Resp: 108098
Ion Ratio Lower Upper
95 100
174 88.4 0.0 201.8
176 84.7 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Tgt Ion: 117 Resp: 280862
Ion Ratio Lower Upper
117 100
82 53.2 38.3 57.5
119 32.3 25.0 37.4

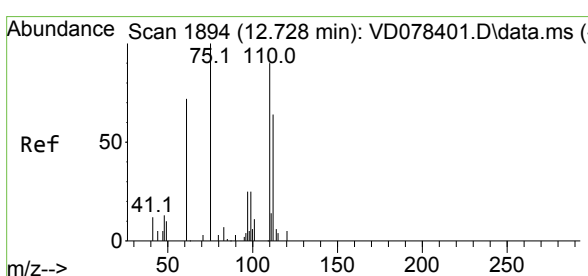
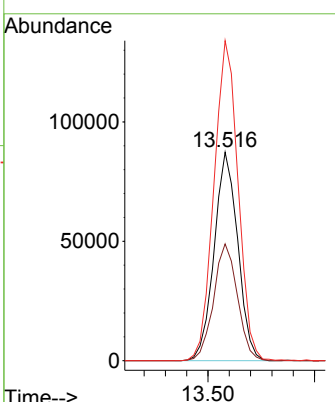
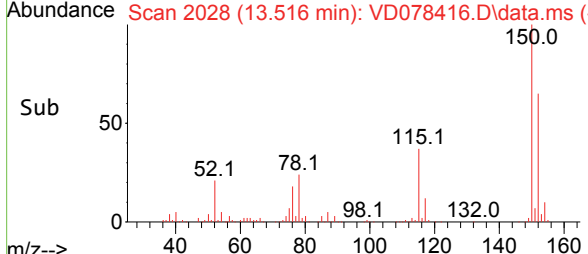
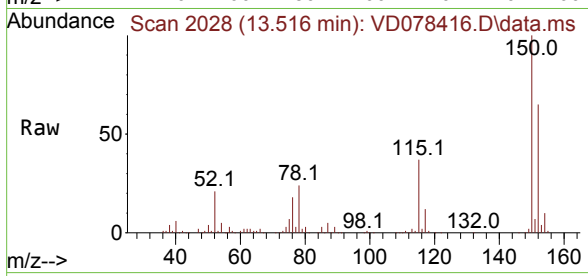




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD078416.D
 Acq: 14 Feb 2024 16:07

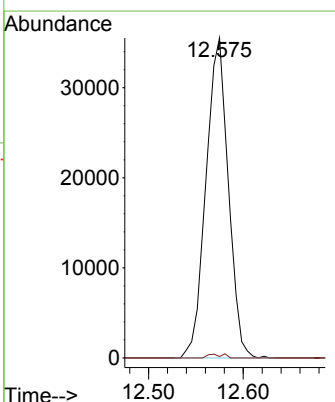
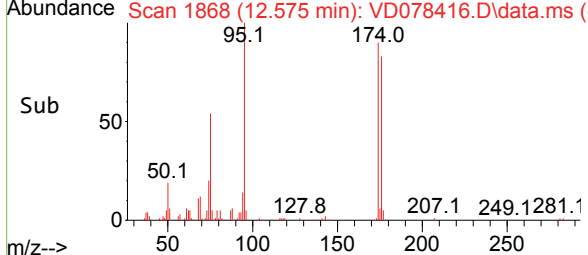
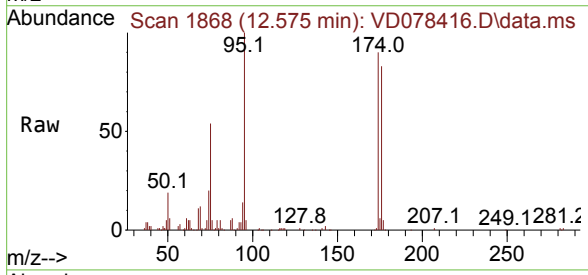
Instrument :
 MSVOA_D
 ClientSampleId :

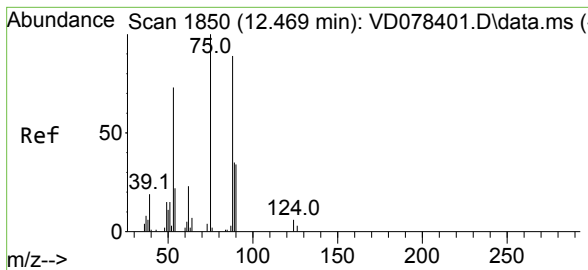
Tgt Ion:	152	Resp:	134114
Ion	Ratio	Lower	Upper
152	100		
115	56.6	27.1	81.3
150	156.9	0.0	353.6



#76
 1,2,3-Trichloropropane
 Concen: 51.240 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD078416.D
 Acq: 14 Feb 2024 16:07

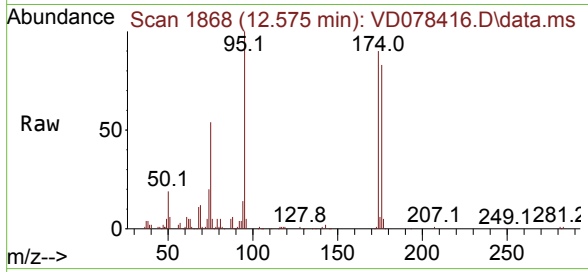
Tgt Ion:	75	Resp:	58341
Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.375 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078416.D
Acq: 14 Feb 2024 16:07

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	58341
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

