

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101124\
 Data File : VD079967.D
 Acq On : 11 Oct 2024 16:05
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 03:22:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 03:20:54 2024
 Response via : Initial Calibration

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

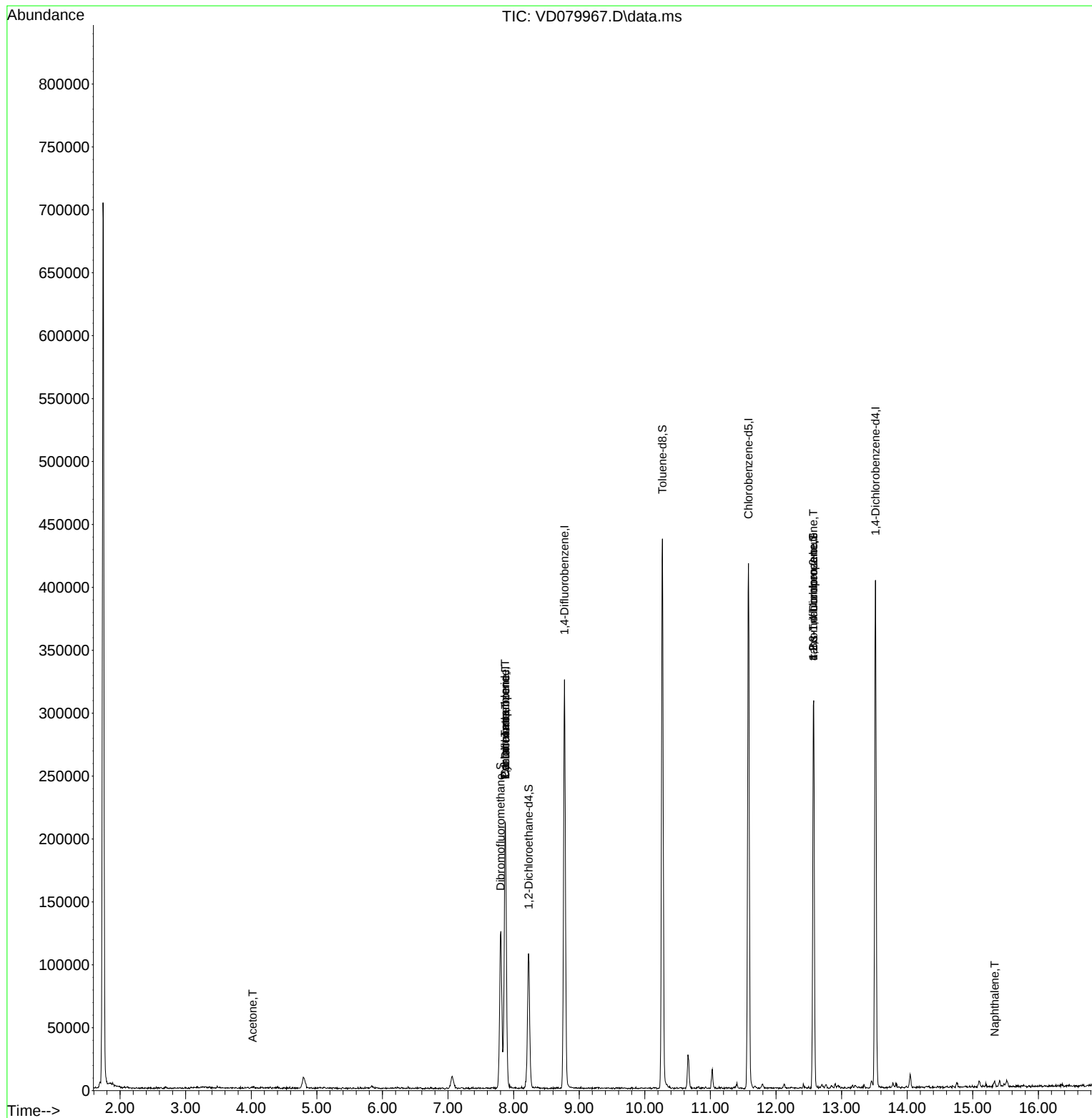
Internal Standards						
1) Pentafluorobenzene	7.875	168	166613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	278913	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	109070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83915	44.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.560%
35) Dibromofluoromethane	7.799	113	90041	44.727	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.460%
50) Toluene-d8	10.269	98	308750	43.039	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.080%
62) 4-Bromofluorobenzene	12.569	95	94265	37.642	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.280%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1781	3.625	ug/l #	83
20) Methylene Chloride	4.787	84	6026	Below Cal		88
31) Cyclohexane	7.875	56	3605	1.252	ug/l #	27
36) 1,1-Dichloropropene	7.875	75	13459	4.988	ug/l #	48
38) Carbon Tetrachloride	7.869	117	16443	5.484	ug/l #	17
76) 1,2,3-Trichloropropane	12.569	75	47305	39.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	47305	87.733	ug/l #	15
95) Naphthalene	15.334	128	4068	1.061	ug/l #	91

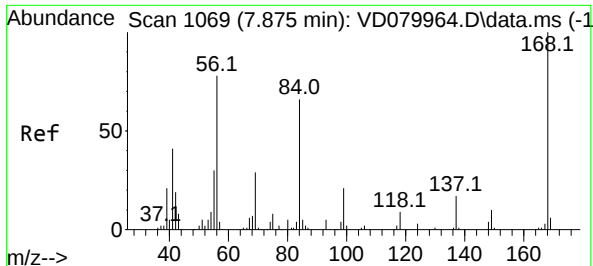
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 14 03:22:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101124S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 14 03:20:54 2024
Response via : Initial Calibration

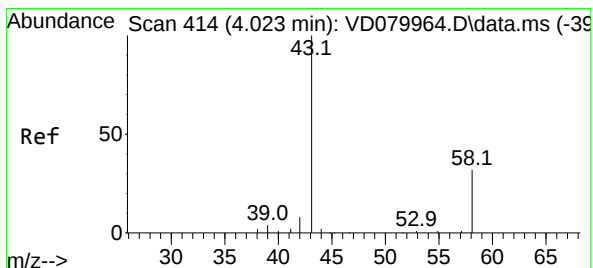
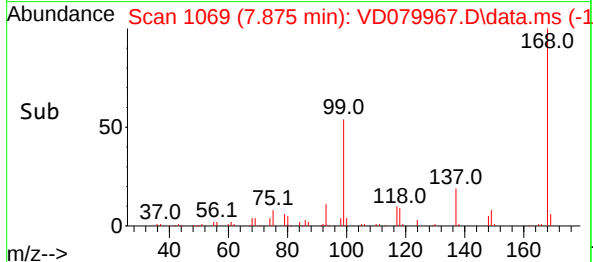
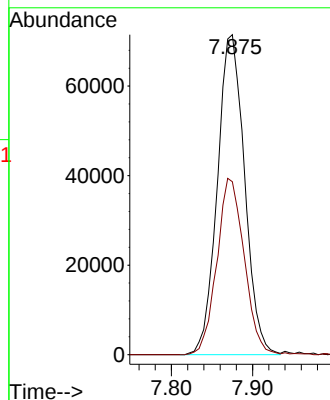
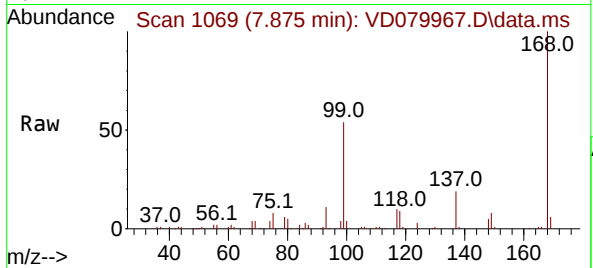




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

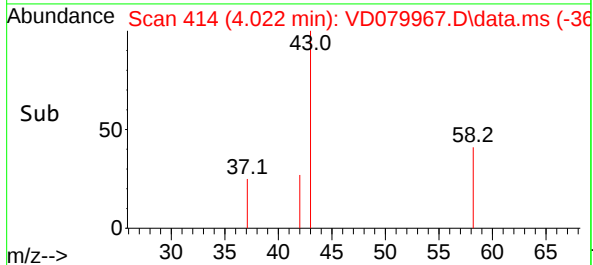
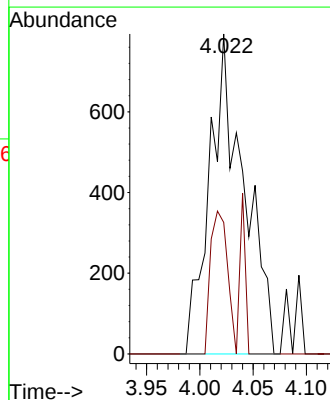
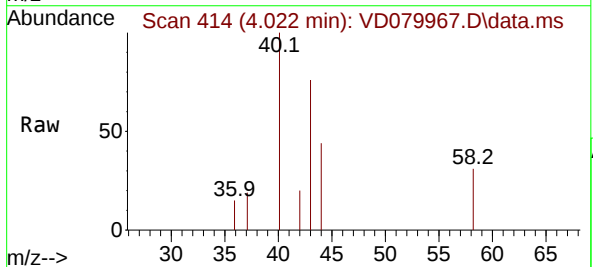
Instrument :
MSVOA_D
ClientSampleId :

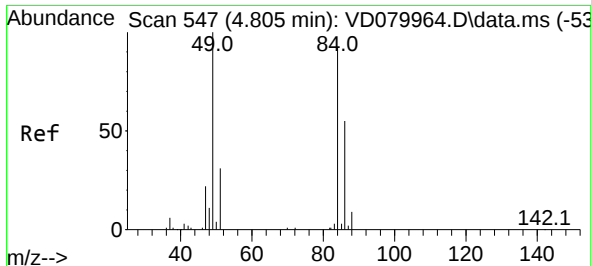
Tgt Ion:168 Resp: 166613
Ion Ratio Lower Upper
168 100
99 54.0 46.0 69.0



#16
Acetone
Concen: 3.625 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

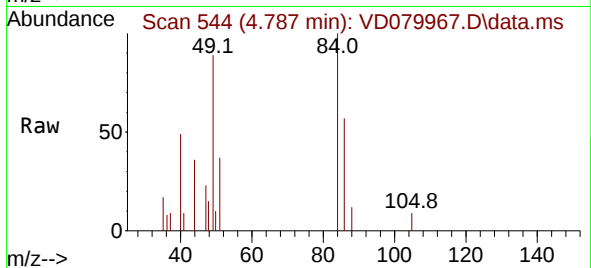
Tgt Ion: 43 Resp: 1781
Ion Ratio Lower Upper
43 100
58 41.1 25.4 38.2#





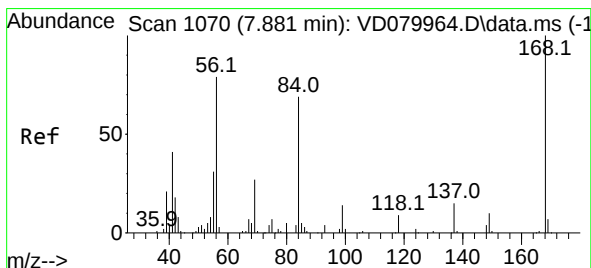
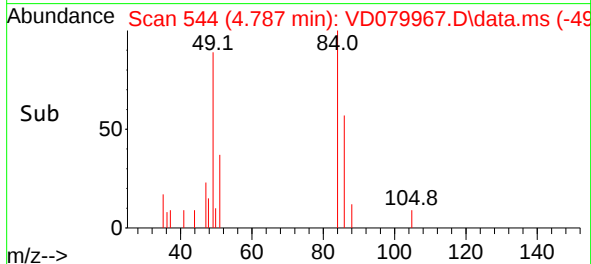
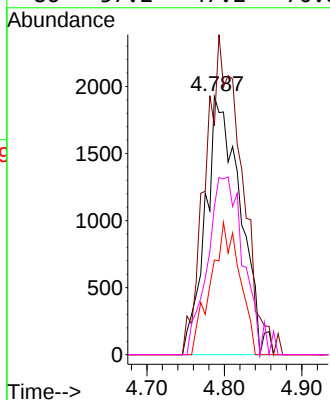
#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.018 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 6026

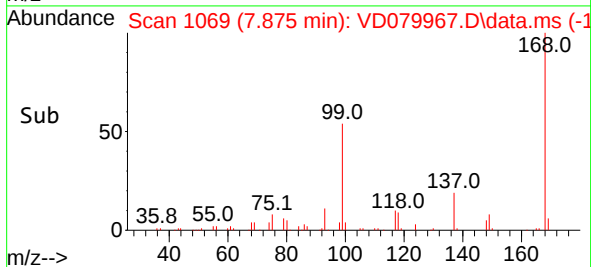
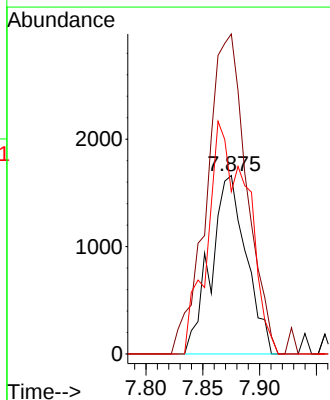
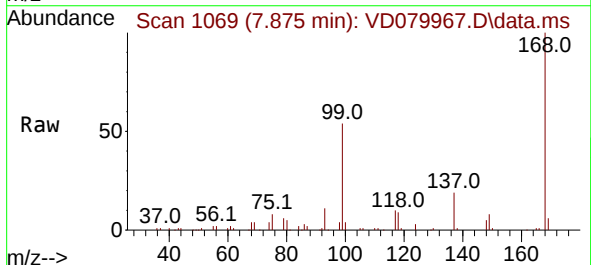
Ion	Ratio	Lower	Upper
84	100		
49	88.5	86.5	129.7
51	36.6	26.9	40.3
86	57.2	47.2	70.8

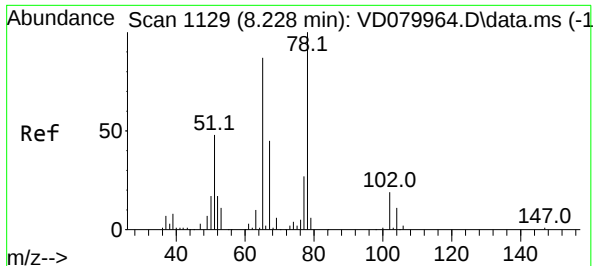


#31
Cyclohexane
Concen: 1.252 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 56 Resp: 3605

Ion	Ratio	Lower	Upper
56	100		
69	179.3	27.3	40.9#
84	91.0	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 44.276 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

Instrument :

MSVOA_D

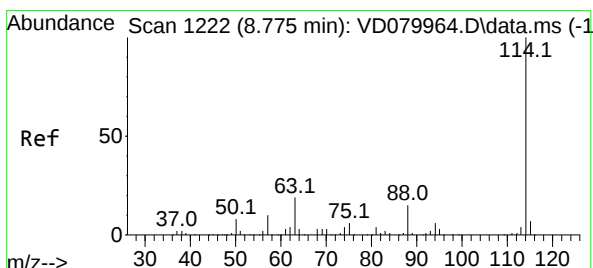
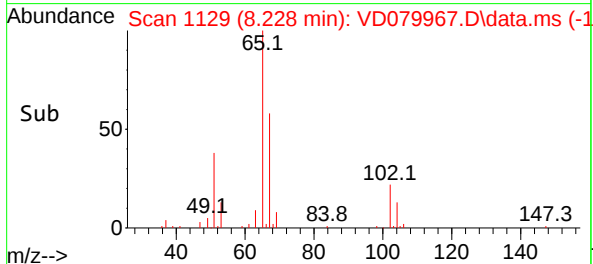
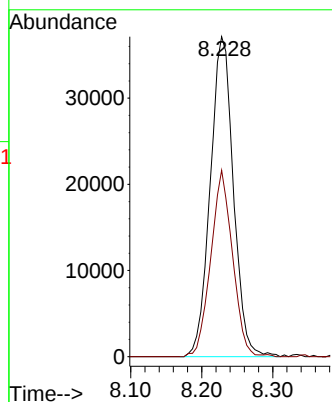
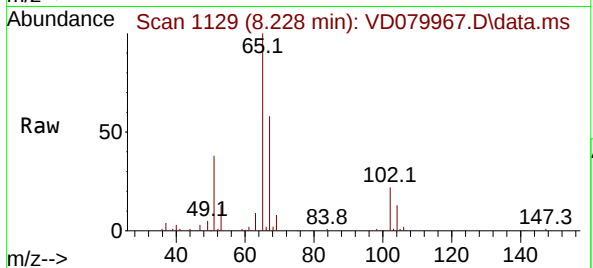
ClientSampleId :

Tgt Ion: 65 Resp: 83915

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

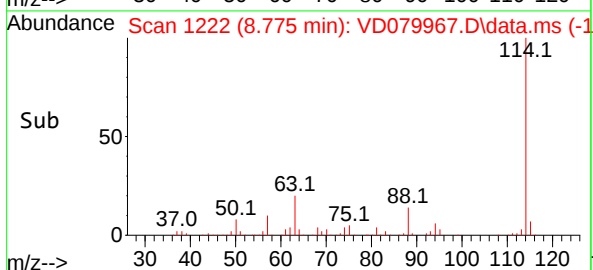
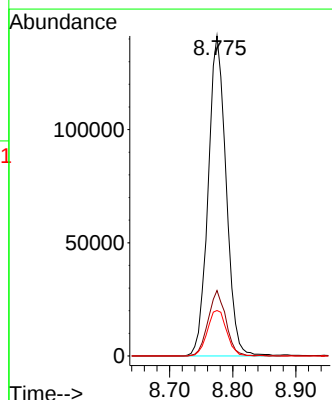
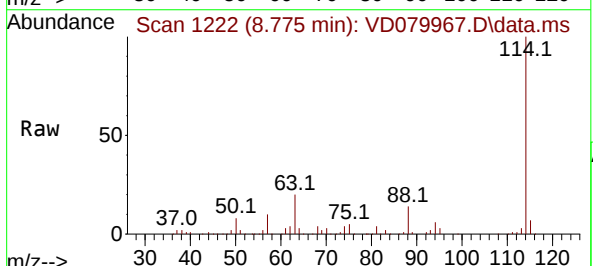
Tgt Ion: 114 Resp: 278913

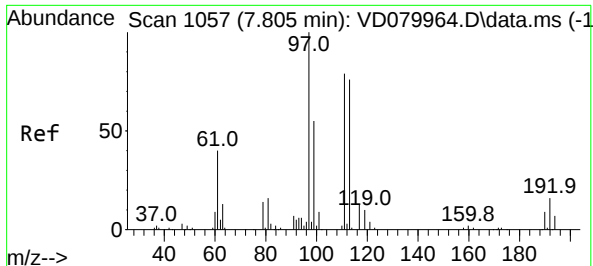
Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.8

88 14.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 44.727 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

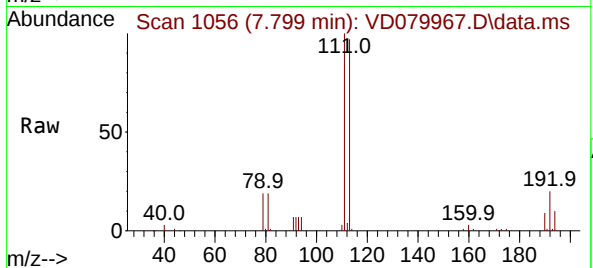
Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

Instrument :

MSVOA_D

ClientSampleId :



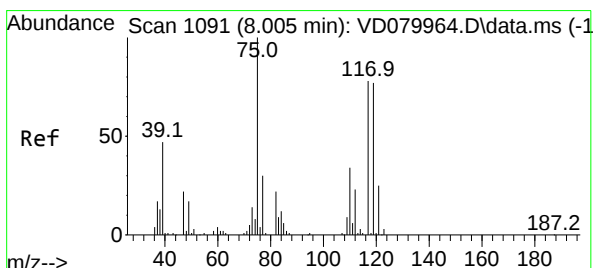
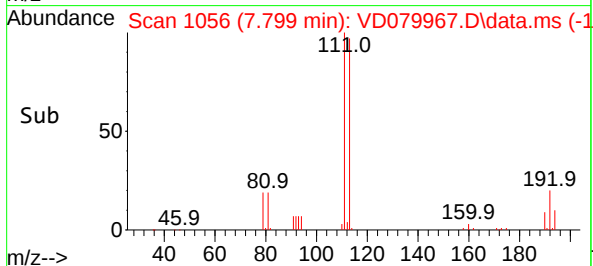
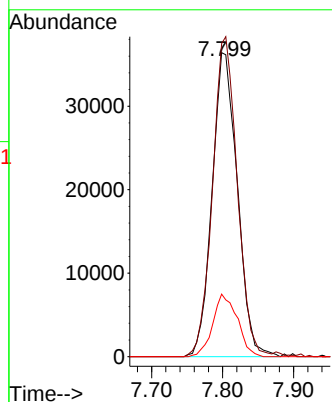
Tgt Ion:113 Resp: 90041

Ion Ratio Lower Upper

113 100

111 102.7 82.5 123.7

192 20.0 16.6 25.0



#36

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079967.D

Acq: 11 Oct 2024 16:05

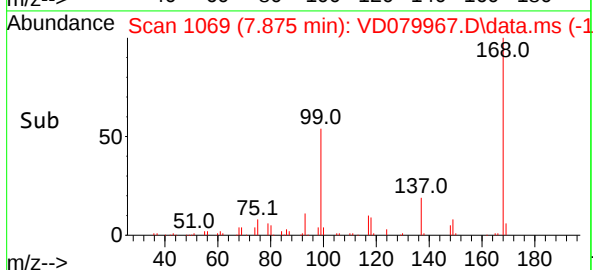
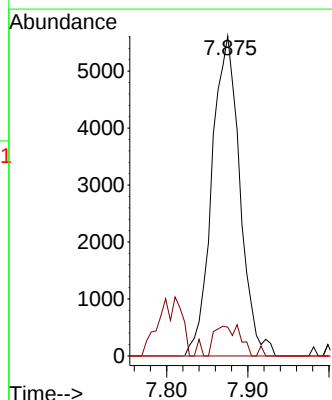
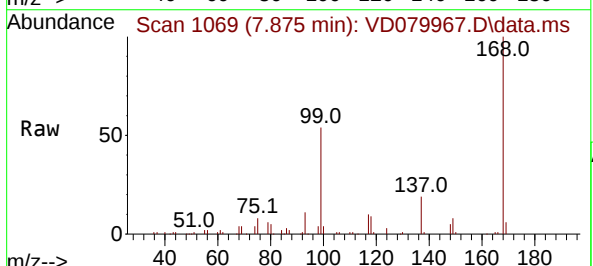
Tgt Ion: 75 Resp: 13459

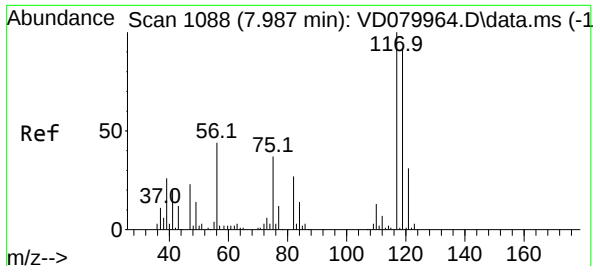
Ion Ratio Lower Upper

75 100

110 8.7 18.4 55.0#

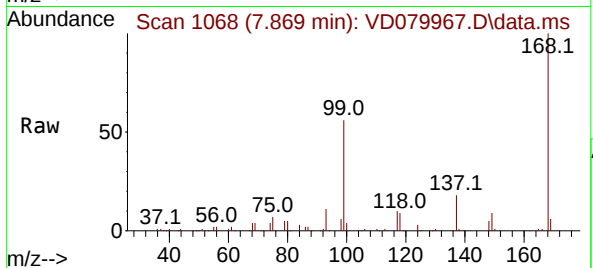
77 0.0 25.6 38.4#



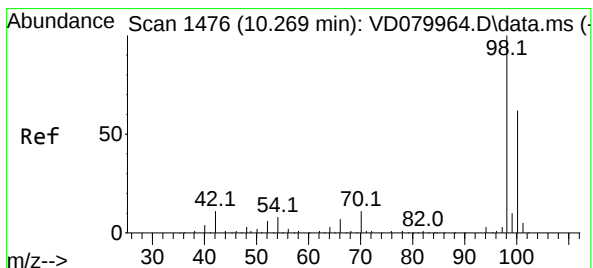
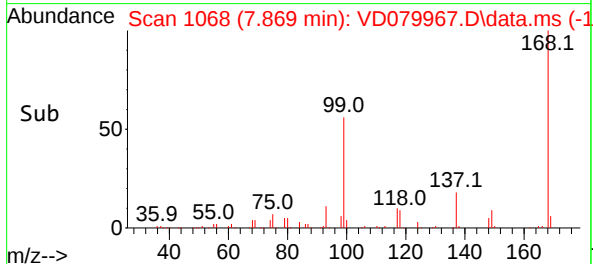
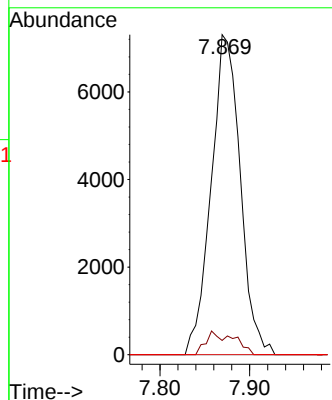


#38
Carbon Tetrachloride
Concen: 5.484 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

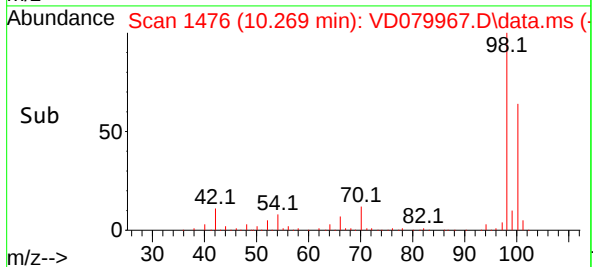
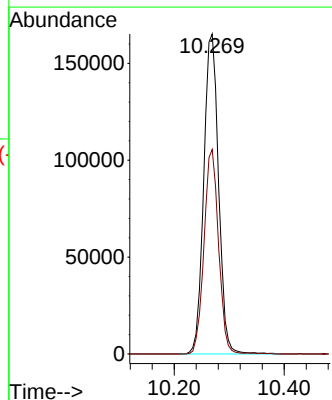
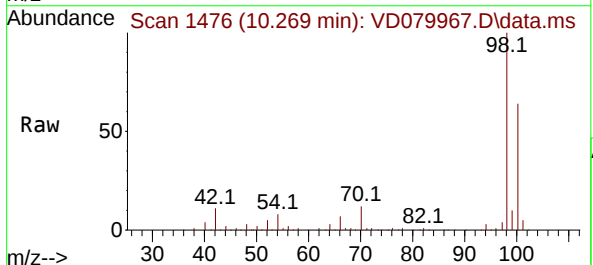


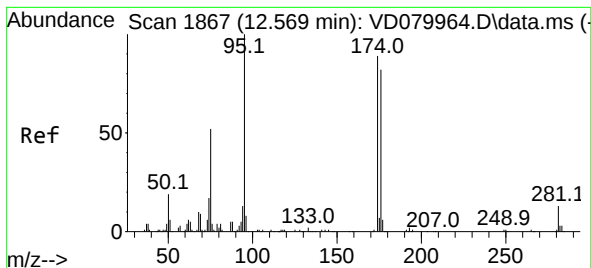
Tgt Ion:117 Resp: 16443
Ion Ratio Lower Upper
117 100
119 4.4 73.4 110.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 43.039 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 98 Resp: 308750
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.4

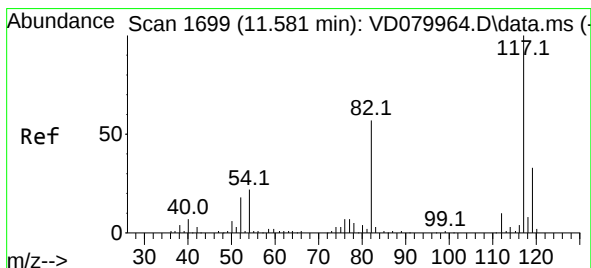
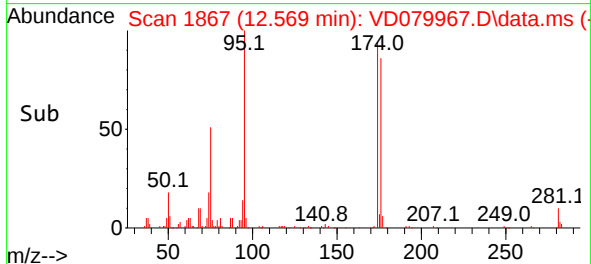
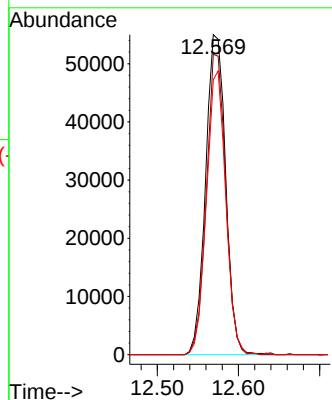
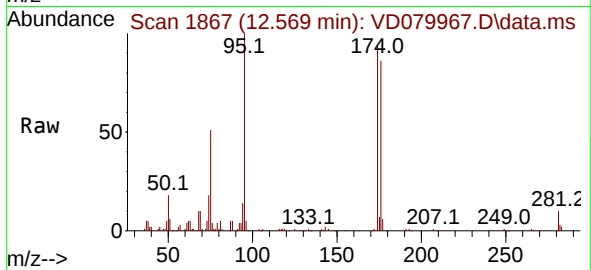




#62
4-Bromofluorobenzene
Concen: 37.642 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

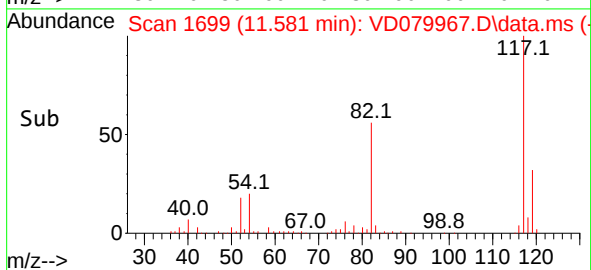
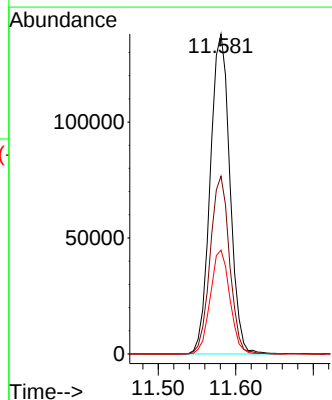
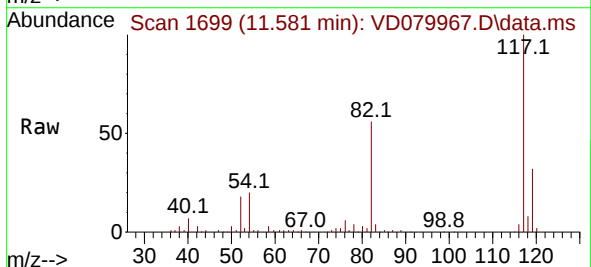
Instrument :
MSVOA_D
ClientSampleId :

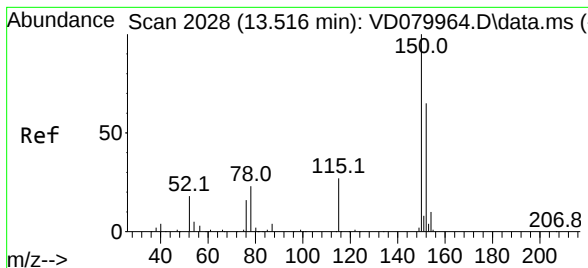
Tgt Ion: 95 Resp: 94265
Ion Ratio Lower Upper
95 100
174 90.5 0.0 173.4
176 85.2 0.0 166.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

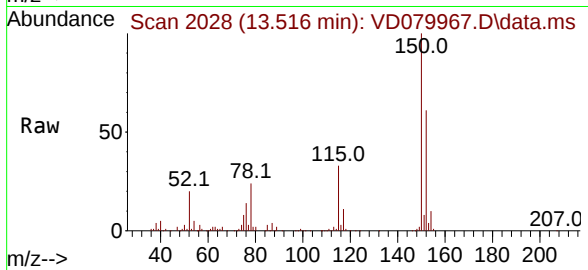
Tgt Ion: 117 Resp: 243280
Ion Ratio Lower Upper
117 100
82 55.6 45.8 68.6
119 32.4 26.2 39.2



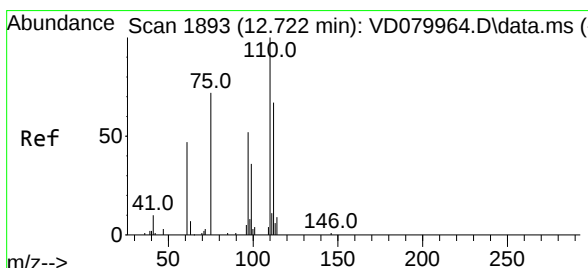
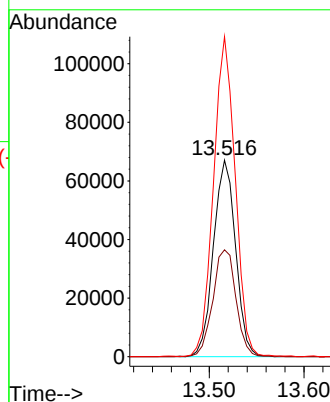
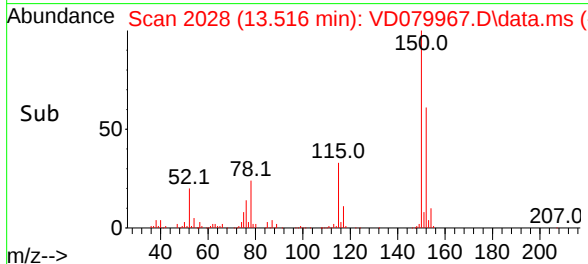


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

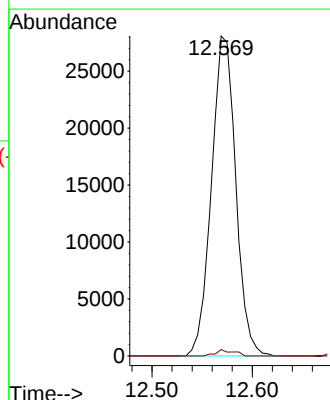
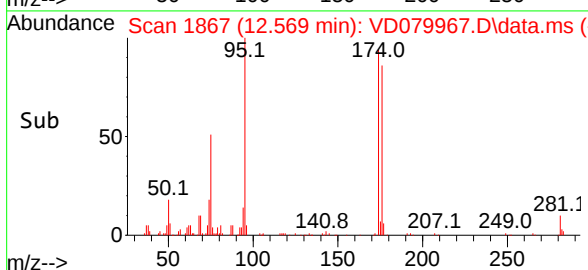
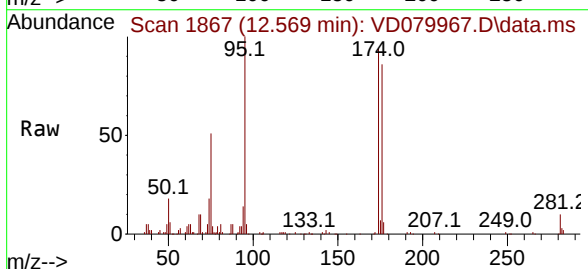


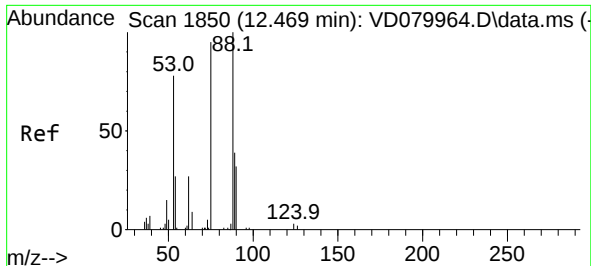
Tgt Ion:152 Resp: 109070
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 159.8 0.0 354.8



#76
1,2,3-Trichloropropane
Concen: 39.313 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 75 Resp: 47305
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

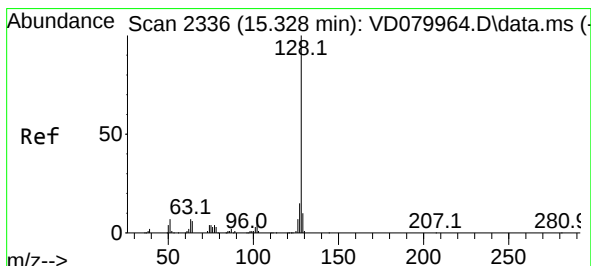
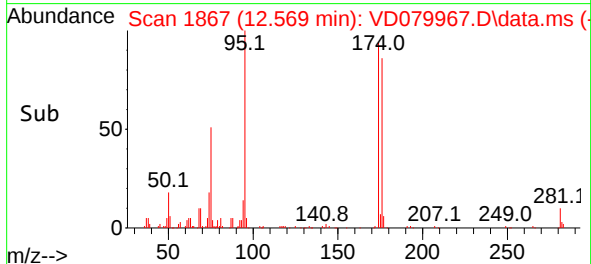
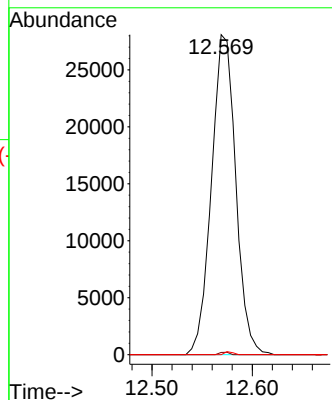
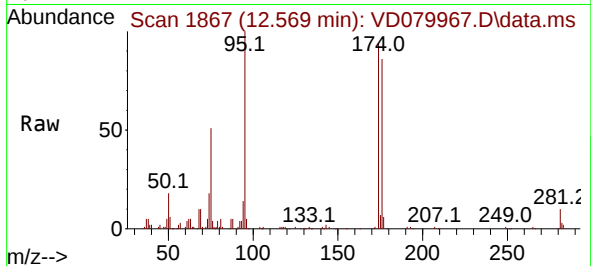




#81
trans-1,4-Dichloro-2-butene
Concen: 87.733 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 47305
Ion Ratio Lower Upper
75 100
53 0.3 68.7 103.1#
89 0.3 36.1 54.1#



#95
Naphthalene
Concen: 1.061 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD079967.D
Acq: 11 Oct 2024 16:05

Tgt Ion: 128 Resp: 4068
Ion Ratio Lower Upper
128 100
127 15.6 11.8 17.8
129 18.0 8.3 12.5#

