

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079698.D
 Acq On : 09 Aug 2024 17:31
 Operator : RP/MD
 Sample : P3489-02
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 10 02:12:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

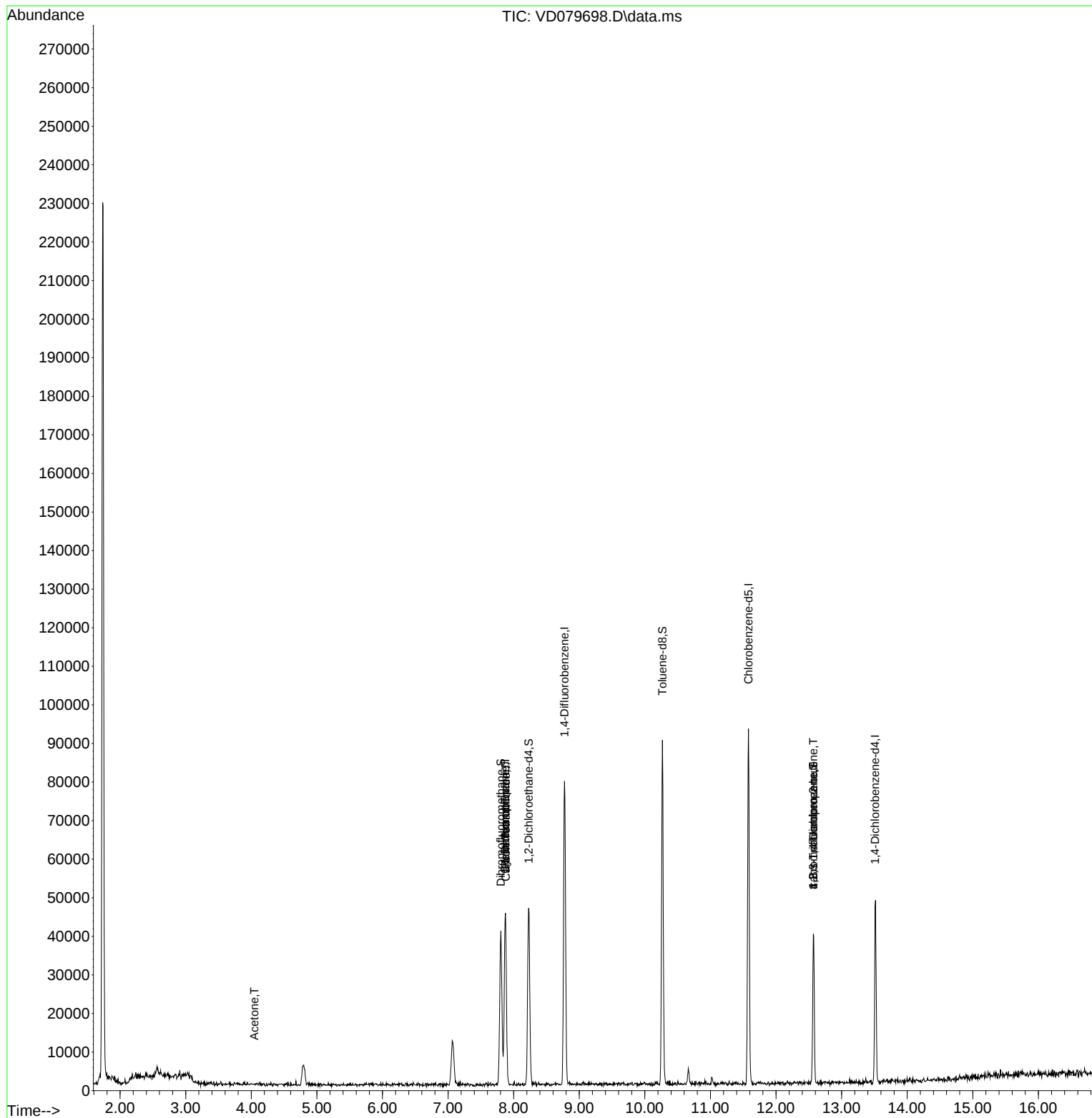
Internal Standards						
1) Pentafluorobenzene	7.875	168	34469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	75831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	55055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	12858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36219	103.432	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 206.860%#			
35) Dibromofluoromethane	7.804	113	29447	57.373	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.740%			
50) Toluene-d8	10.269	98	63433	31.825	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 63.660%			
62) 4-Bromofluorobenzene	12.569	95	12488	21.651	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 43.300%			
Target Compounds						
5) Bromomethane	2.681	94	119	Below Cal	Qvalue 97	
11) Tert butyl alcohol	4.881	59	65	Below Cal	# 86	
16) Acetone	4.046	43	140	2.057 ug/l	# 37	
20) Methylene Chloride	4.799	84	4144	Below Cal	90	
31) Cyclohexane	7.869	56	990	1.702 ug/l	# 36	
36) 1,1-Dichloropropene	7.869	75	3309	4.723 ug/l	# 39	
38) Carbon Tetrachloride	7.881	117	3626	4.924 ug/l	# 13	
76) 1,2,3-Trichloropropane	12.569	75	6045	53.785 ug/l	# 100	
81) trans-1,4-Dichloro-2-b...	12.569	75	6045	102.583 ug/l	# 19	

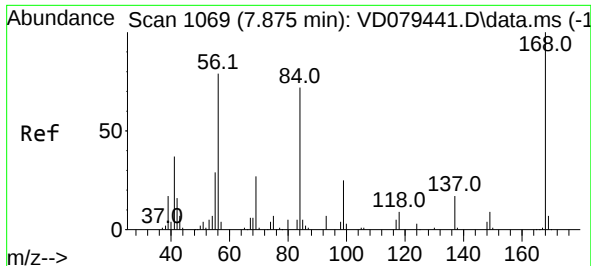
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

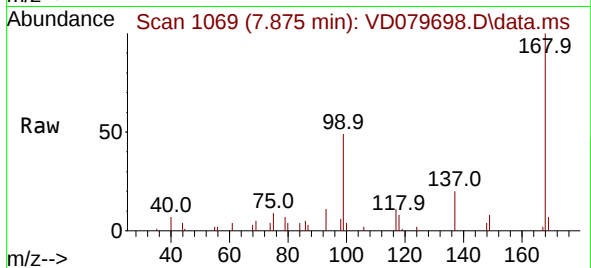
Quant Time: Aug 10 02:12:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



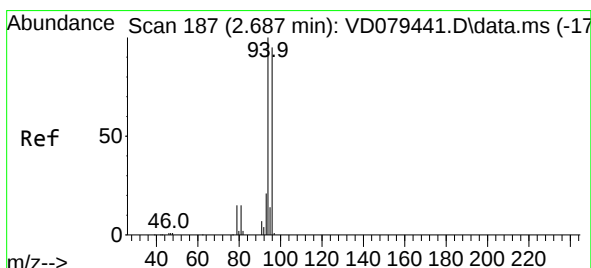
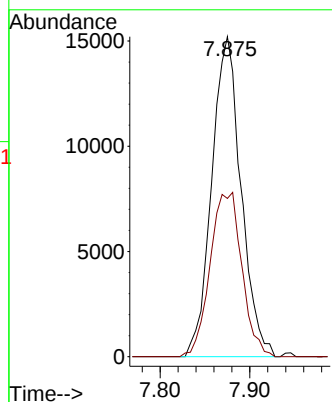
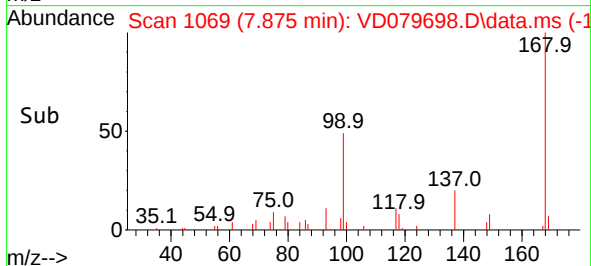


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Instrument :
MSVOA_D
ClientSampleId :

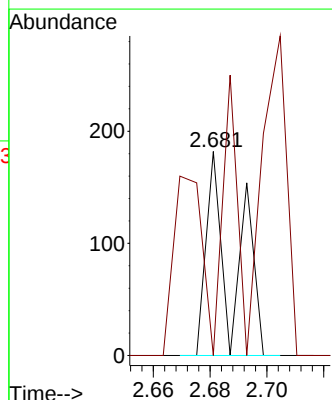
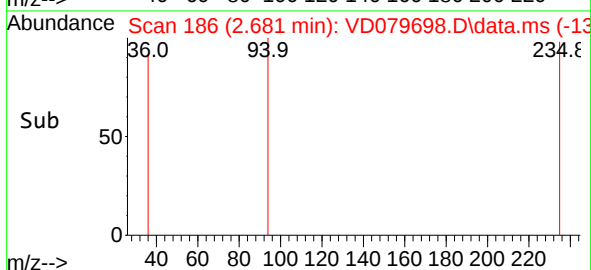
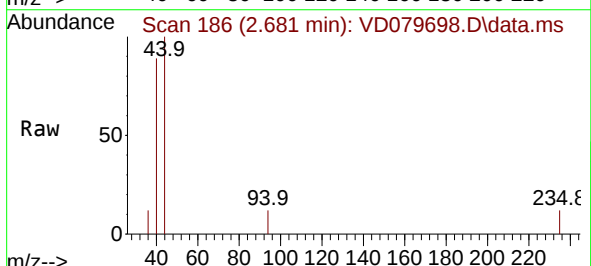


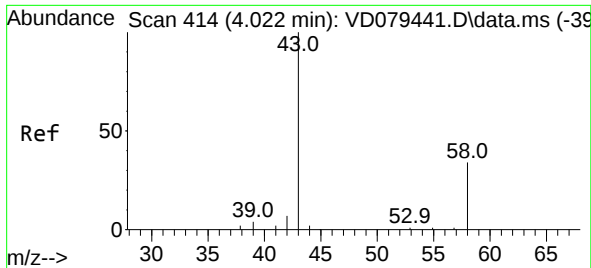
Tgt Ion:168 Resp: 34469
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

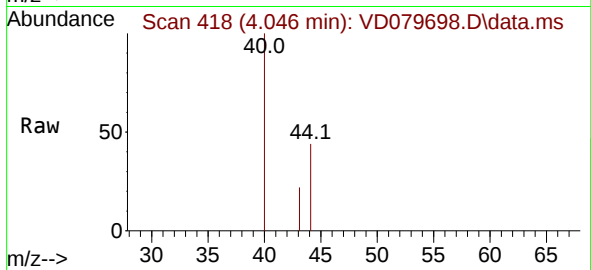
Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 93.3 76.9 115.3



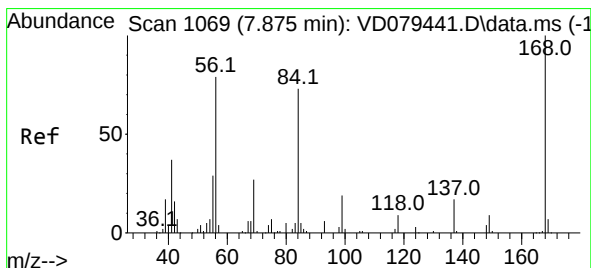
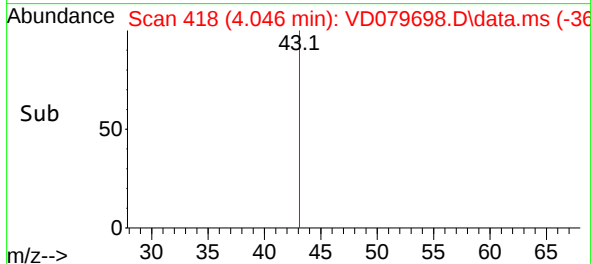
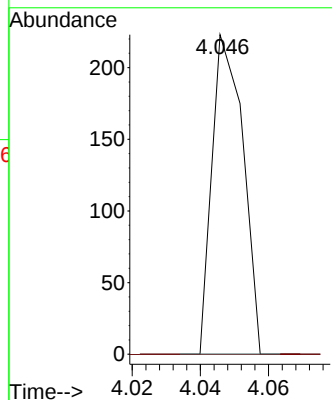


#16
Acetone
Concen: 2.057 ug/l
RT: 4.046 min Scan# 414
Delta R.T. 0.023 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Instrument :
MSVOA_D
ClientSampleId :

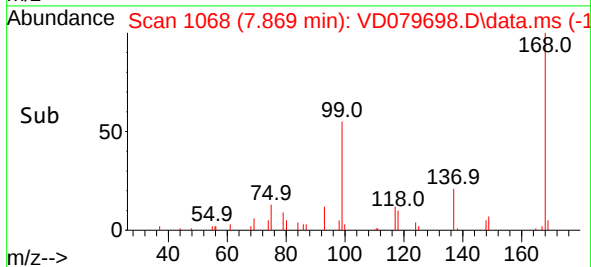
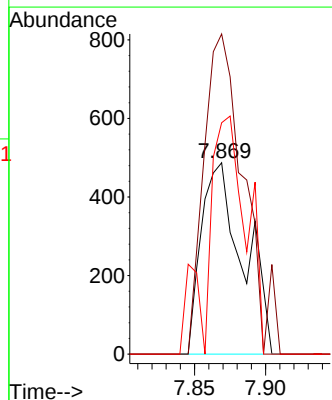
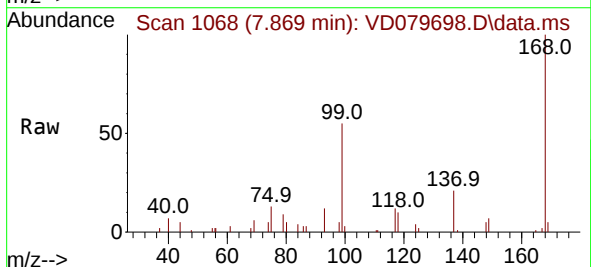


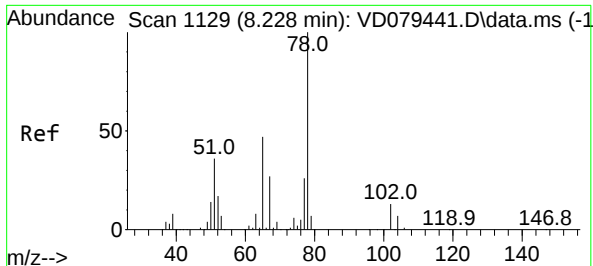
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.702 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion: 56 Resp: 990
Ion Ratio Lower Upper
56 100
69 167.4 28.0 42.0#
84 120.9 87.4 131.0





#33

1,2-Dichloroethane-d4

Concen: 103.432 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079698.D

Acq: 09 Aug 2024 17:31

Instrument :

MSVOA_D

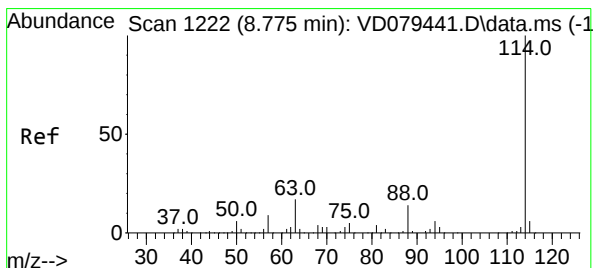
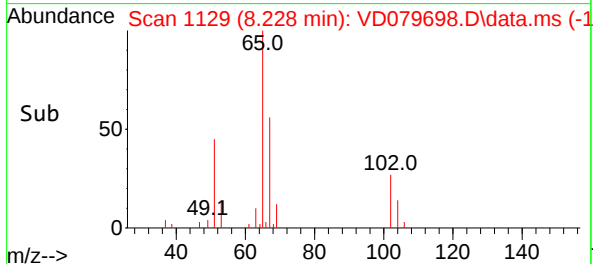
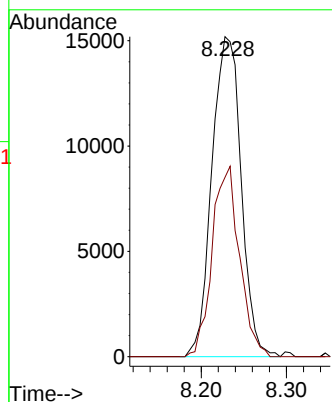
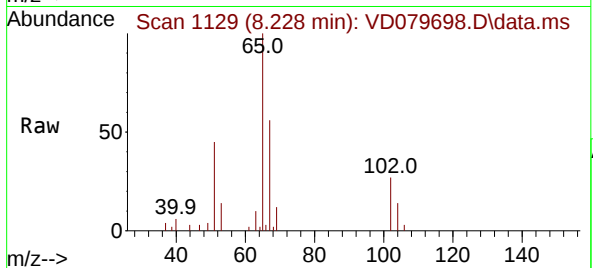
ClientSampleId :

Tgt Ion: 65 Resp: 36219

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079698.D

Acq: 09 Aug 2024 17:31

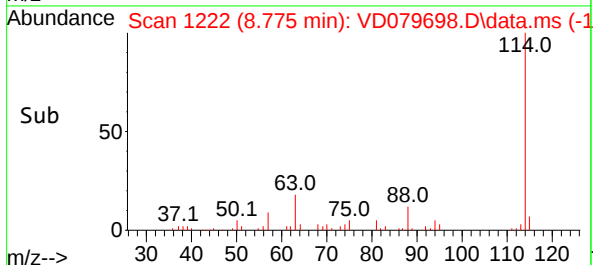
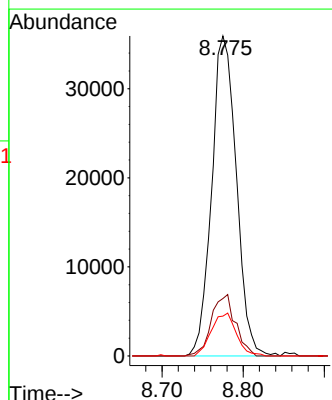
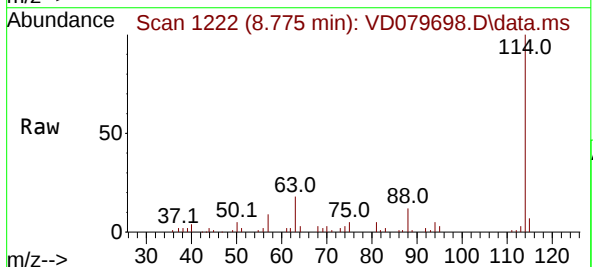
Tgt Ion: 114 Resp: 75831

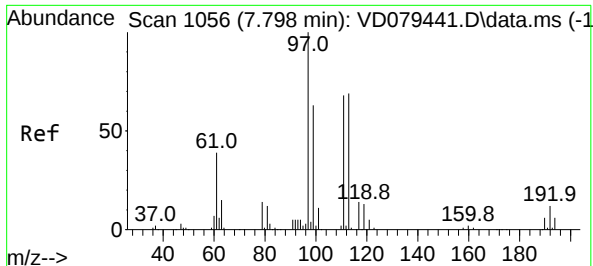
Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

88 12.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 57.373 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079698.D

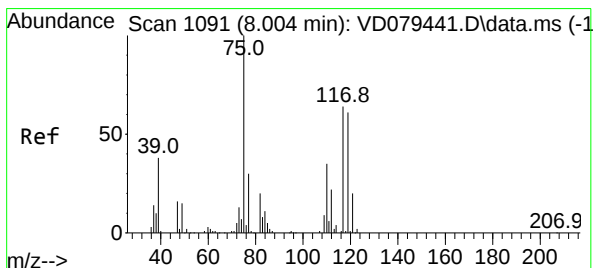
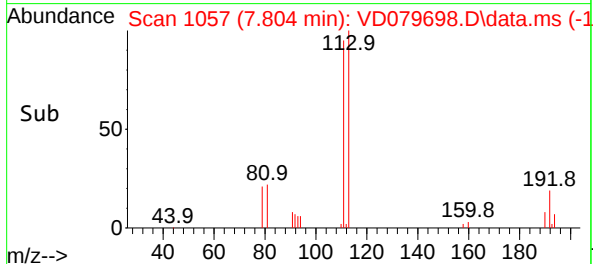
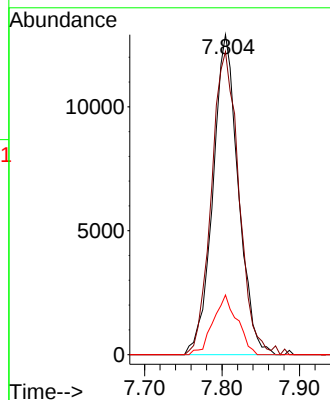
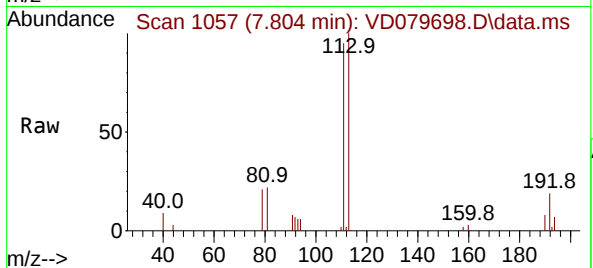
Acq: 09 Aug 2024 17:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	29447
Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.0	126.0
192	17.8	15.4	23.0



#36

1,1-Dichloropropene

Concen: 4.723 ug/l

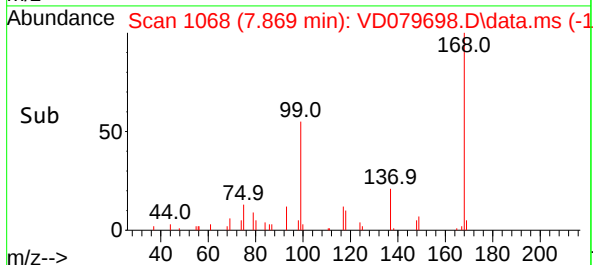
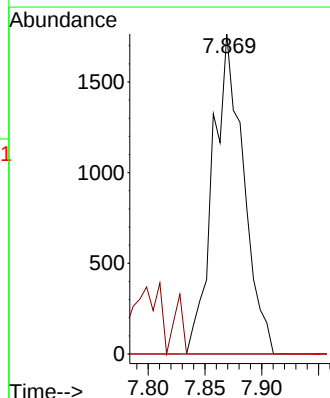
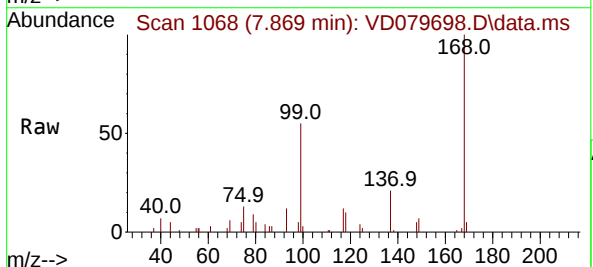
RT: 7.869 min Scan# 1068

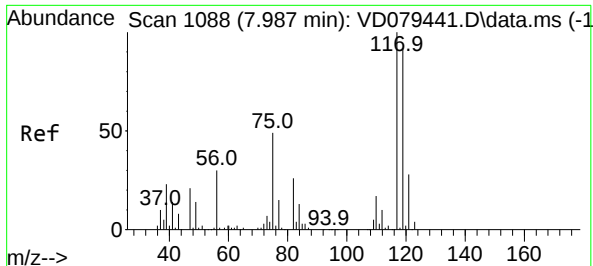
Delta R.T. -0.141 min

Lab File: VD079698.D

Acq: 09 Aug 2024 17:31

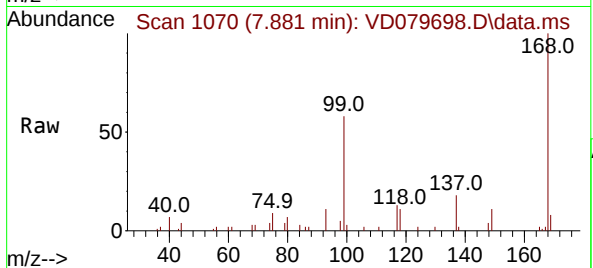
Tgt Ion:	75	Resp:	3309
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.6	58.7#
77	0.0	26.1	39.1#



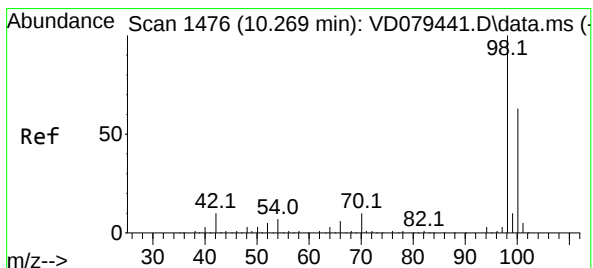
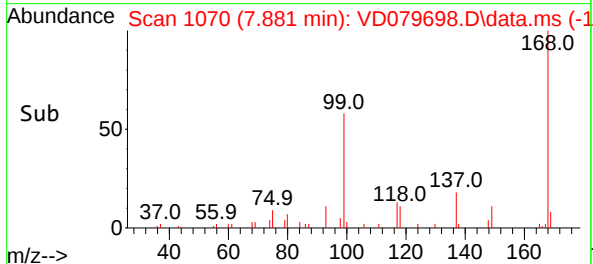
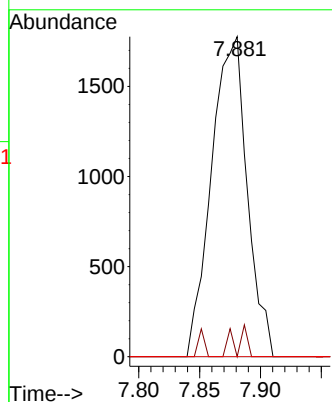


#38
Carbon Tetrachloride
Concen: 4.924 ug/l
RT: 7.881 min Scan# 1088
Delta R.T. -0.106 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Instrument :
MSVOA_D
ClientSampleId :

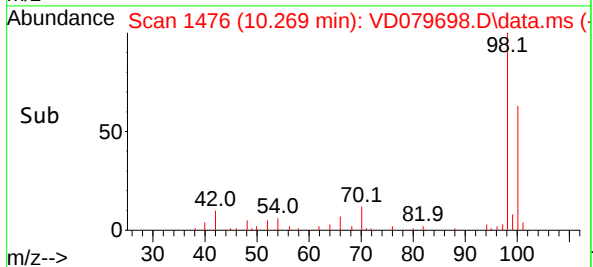
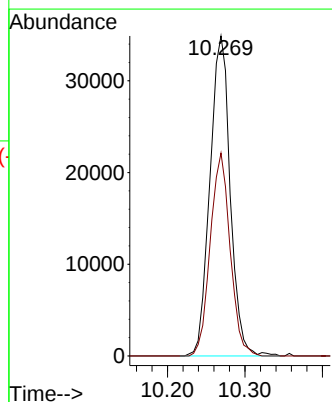
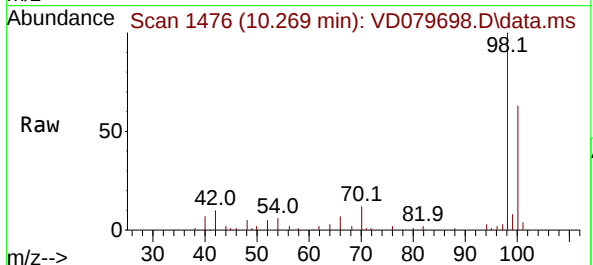


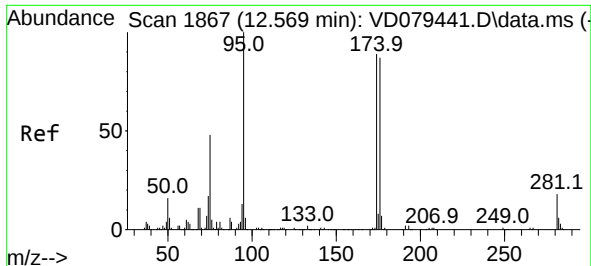
Tgt Ion:117 Resp: 3626
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 31.825 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion: 98 Resp: 63433
Ion Ratio Lower Upper
98 100
100 62.1 51.6 77.4

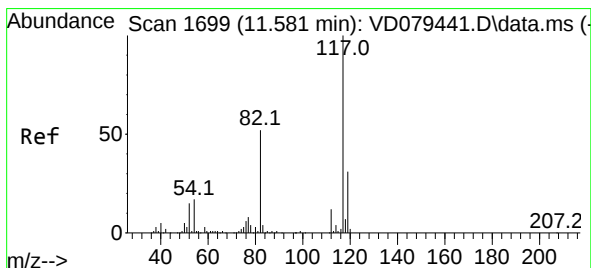
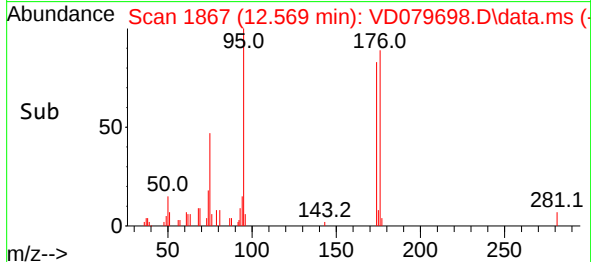
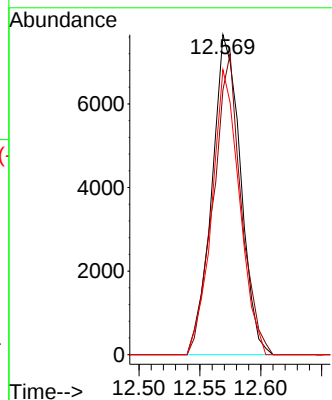
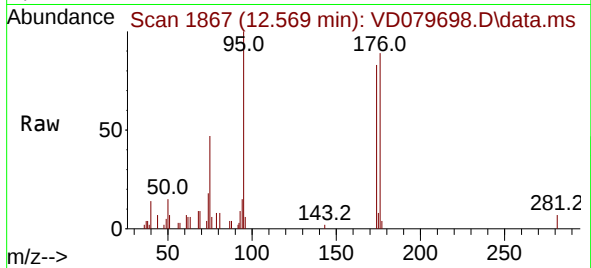




#62
4-Bromofluorobenzene
Concen: 21.651 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

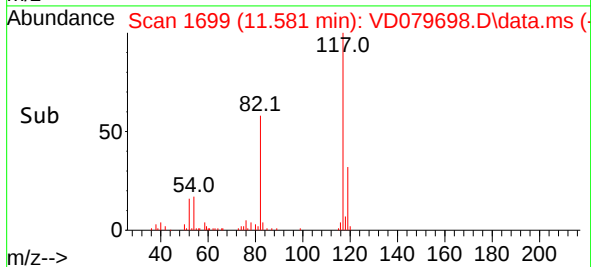
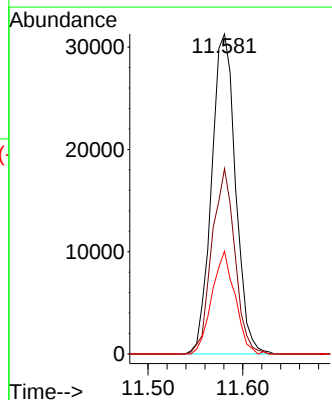
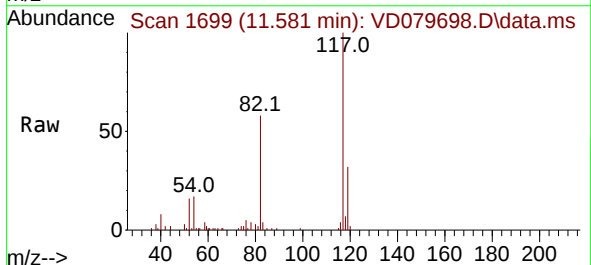
Instrument :
MSVOA_D
ClientSampleId :

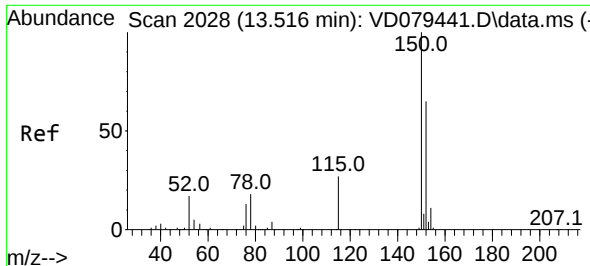
Tgt Ion:	95	Resp:	12488
Ion Ratio	Lower	Upper	
95	100		
174	91.4	0.0	195.4
176	86.3	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

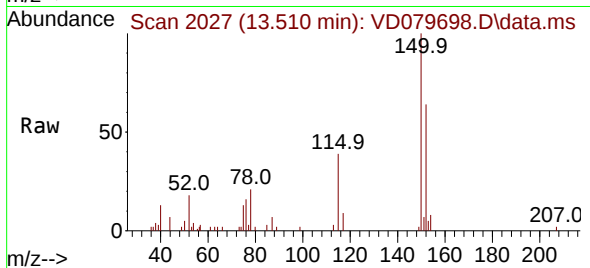
Tgt Ion:	117	Resp:	55055
Ion Ratio	Lower	Upper	
117	100		
82	57.9	39.8	59.6
119	32.1	25.7	38.5



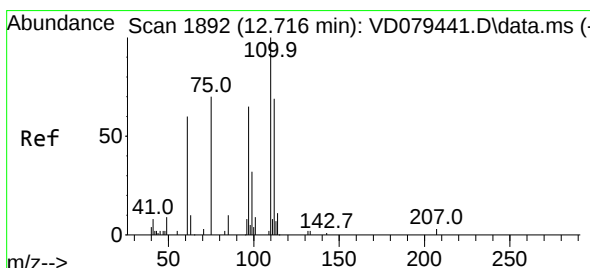
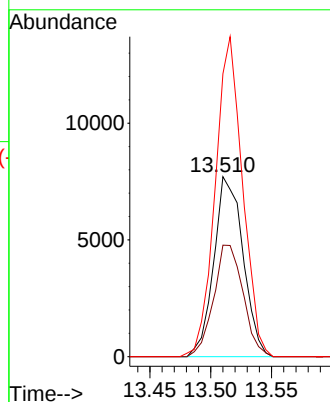
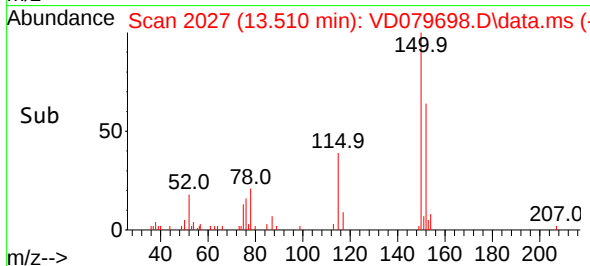


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD079698.D
 Acq: 09 Aug 2024 17:31

Instrument :
 MSVOA_D
 ClientSampleId :

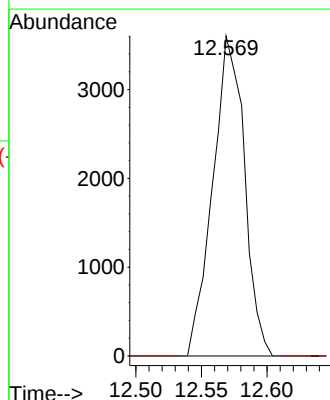
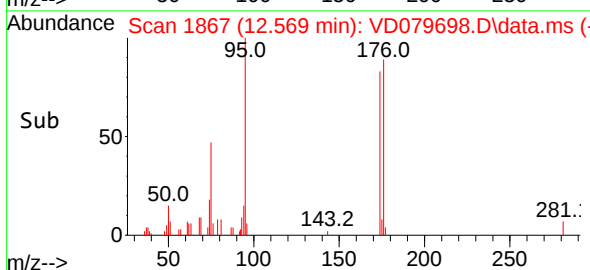
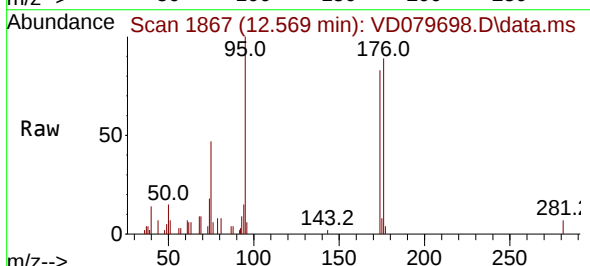


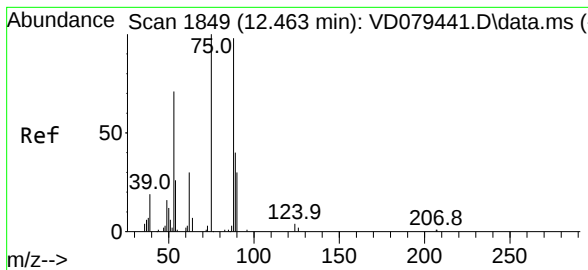
Tgt Ion:152 Resp: 12858
 Ion Ratio Lower Upper
 152 100
 115 62.6 26.5 79.5
 150 166.1 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 53.785 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079698.D
 Acq: 09 Aug 2024 17:31

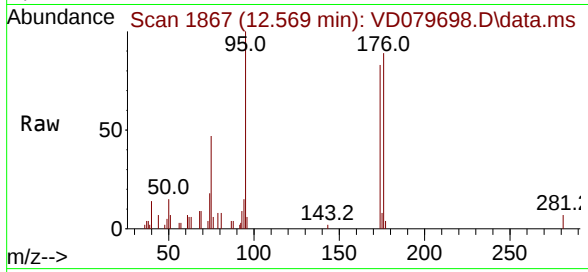
Tgt Ion: 75 Resp: 6045
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.583 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079698.D
 Acq: 09 Aug 2024 17:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	6045
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

