

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090524\
 Data File : VD079786.D
 Acq On : 05 Sep 2024 15:35
 Operator : RP/MD
 Sample : P3839-09
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 901

Quant Time: Sep 06 01:38:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

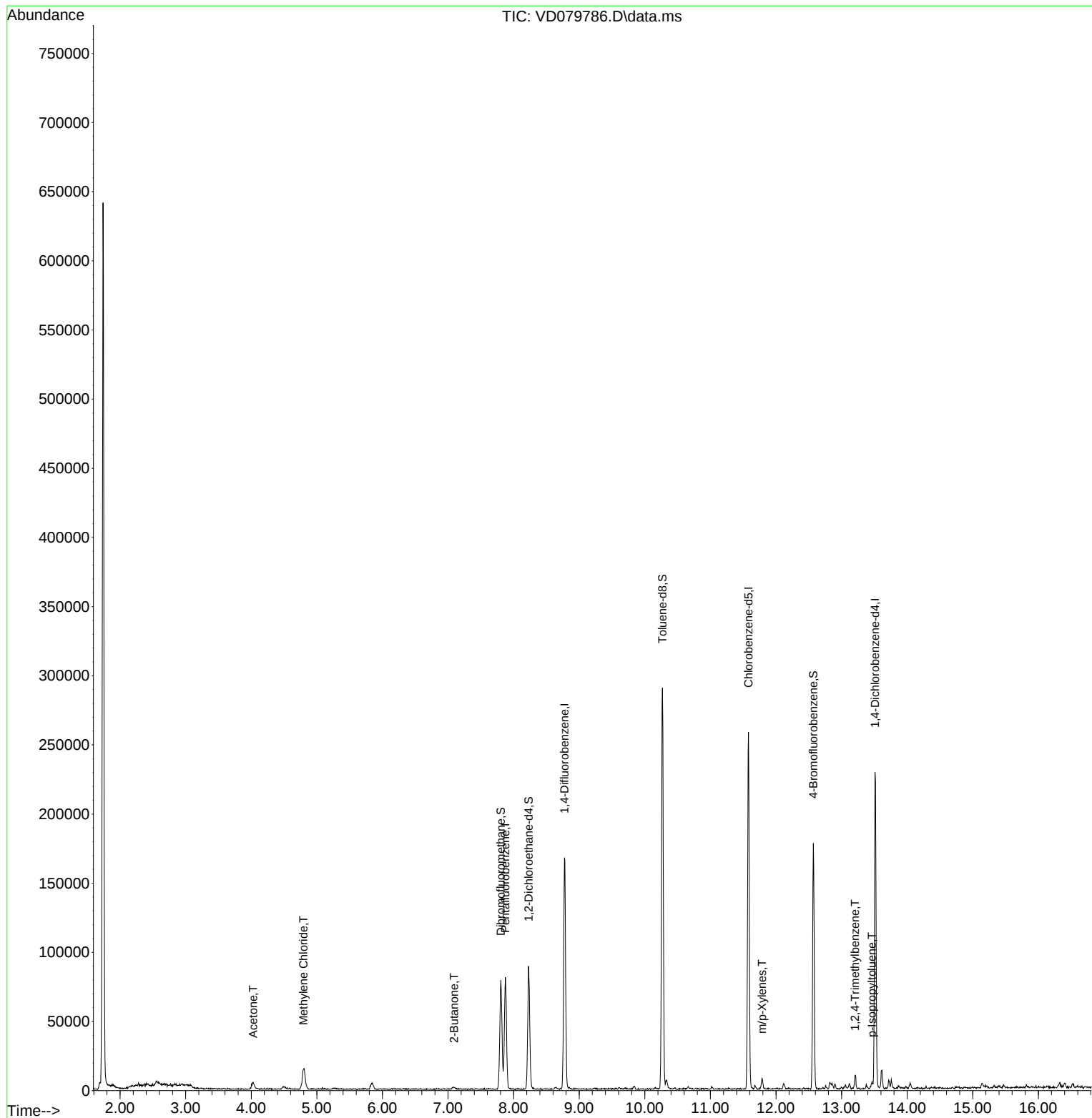
Internal Standards						
1) Pentafluorobenzene	7.875	168	54603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	143735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	141778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	57907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66126	88.819	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 177.640%#	
35) Dibromofluoromethane	7.805	113	54896	58.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.520%	
50) Toluene-d8	10.269	98	207896	51.885	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.760%	
62) 4-Bromofluorobenzene	12.569	95	55068	49.118	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	8514	55.107	ug/l	89
20) Methylene Chloride	4.793	84	11603	10.436	ug/l	# 89
25) 2-Butanone	7.093	43	2405	11.668	ug/l	# 71
68) m/p-Xylenes	11.787	106	2628	1.235	ug/l	92
84) 1,2,4-Trimethylbenzene	13.204	105	5504	1.557	ug/l	96
86) p-Isopropyltoluene	13.463	119	2162	4.224	ug/l	90

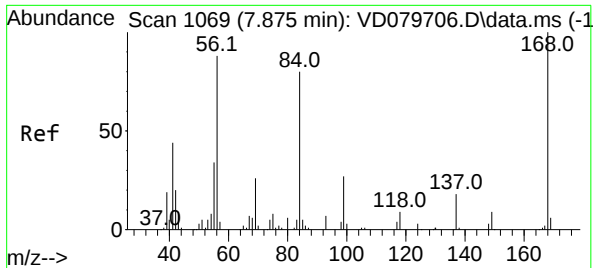
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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901

Quant Time: Sep 06 01:38:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 15:57:30 2024
Response via : Initial Calibration

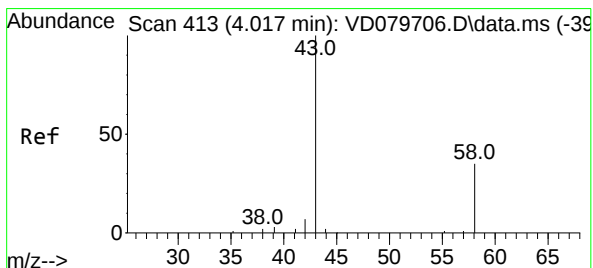
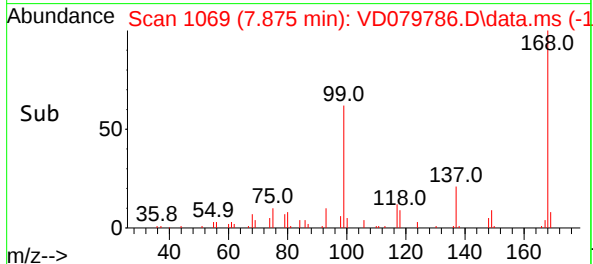
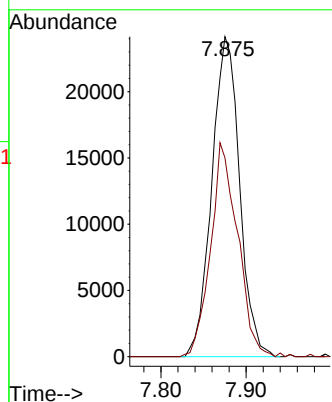
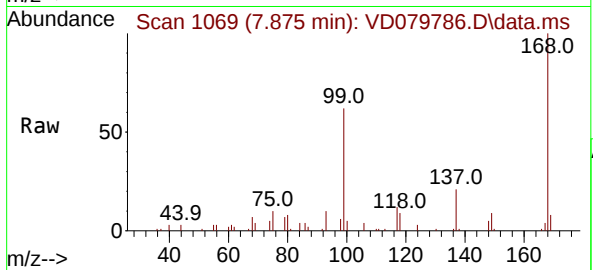




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

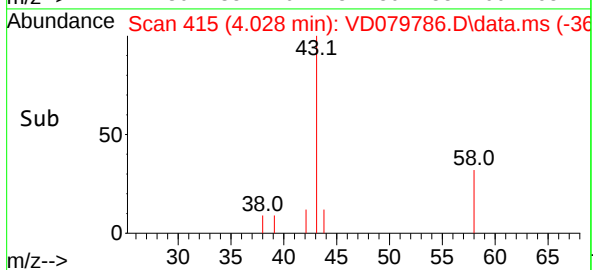
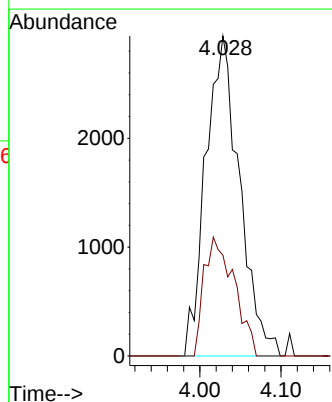
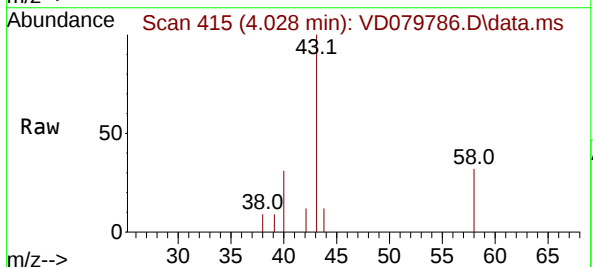
Instrument :
MSVOA_D
ClientSampleId :
901

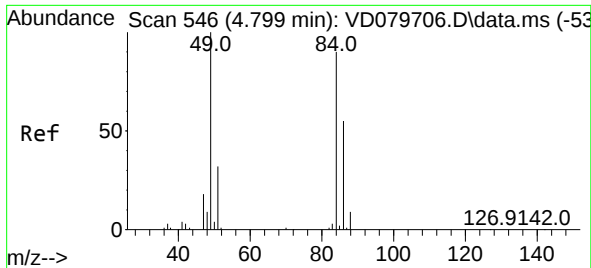
Tgt Ion:168 Resp: 54603
Ion Ratio Lower Upper
168 100
99 62.0 41.1 61.7#



#16
Acetone
Concen: 55.107 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

Tgt Ion: 43 Resp: 8514
Ion Ratio Lower Upper
43 100
58 31.5 30.4 45.6

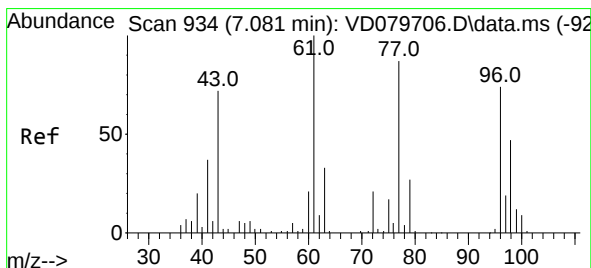
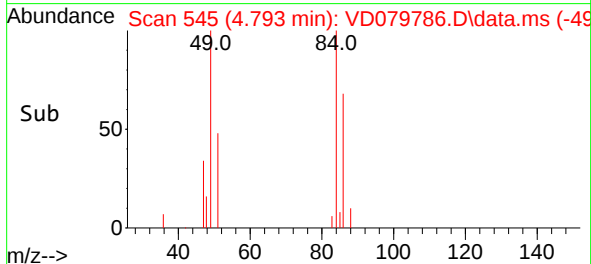
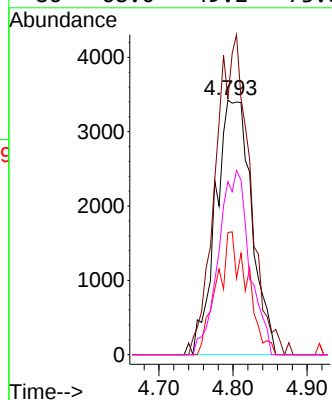
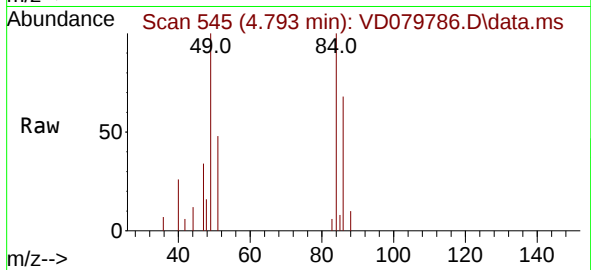




#20
Methylene Chloride
Concen: 10.436 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

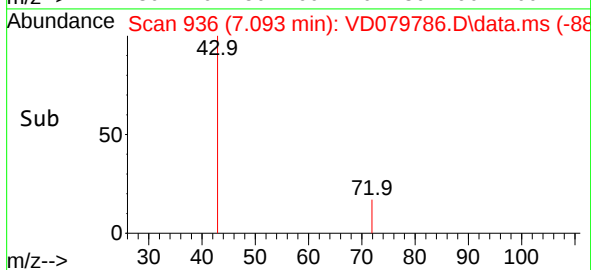
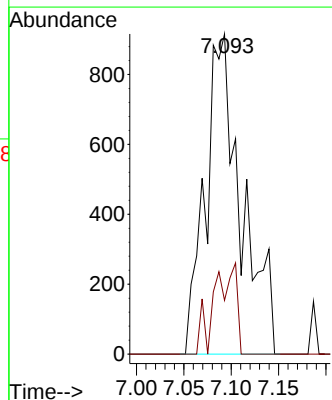
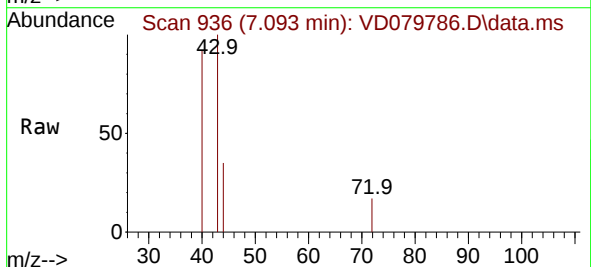
Instrument :
MSVOA_D
ClientSampleId :
901

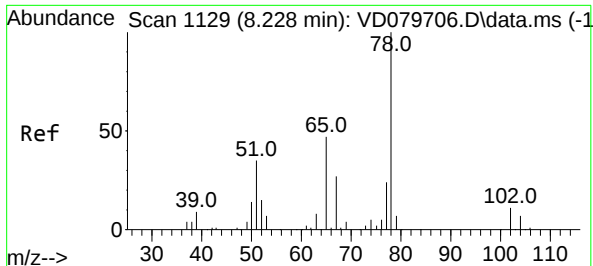
Tgt Ion:	84	Resp:	11603
Ion	Ratio	Lower	Upper
84	100		
49	100.4	75.6	113.4
51	48.0	24.2	36.2#
86	68.0	49.2	73.8



#25
2-Butanone
Concen: 11.668 ug/l
RT: 7.093 min Scan# 936
Delta R.T. 0.012 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

Tgt Ion:	43	Resp:	2405
Ion	Ratio	Lower	Upper
43	100		
72	16.8	26.4	39.6#





#33

1,2-Dichloroethane-d4

Concen: 88.819 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079786.D

Acq: 05 Sep 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

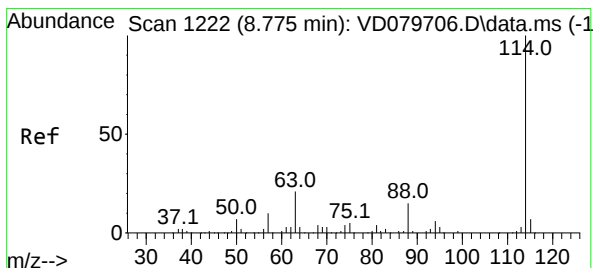
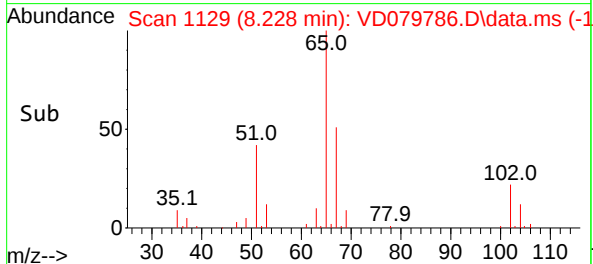
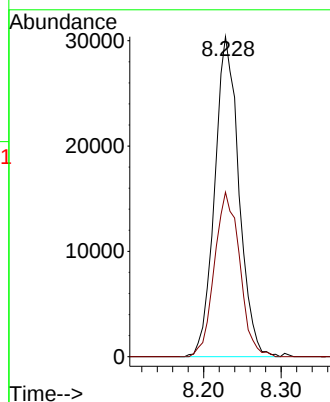
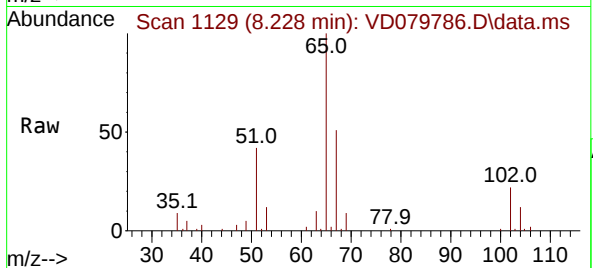
901

Tgt Ion: 65 Resp: 66126

Ion Ratio Lower Upper

65 100

67 53.7 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: VD079786.D

Acq: 05 Sep 2024 15:35

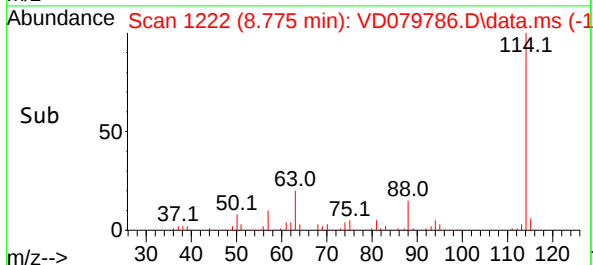
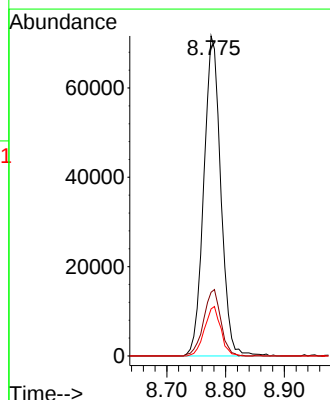
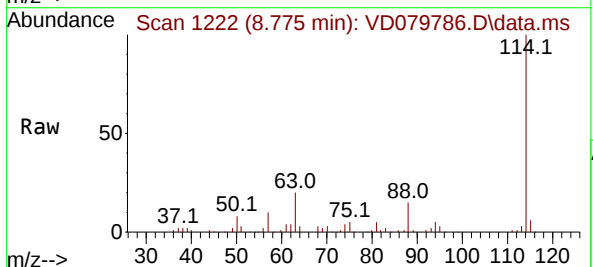
Tgt Ion: 114 Resp: 143735

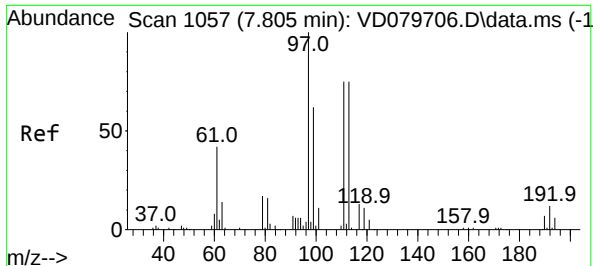
Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 14.7 0.0 27.2

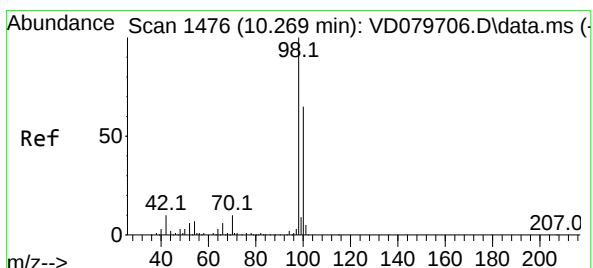
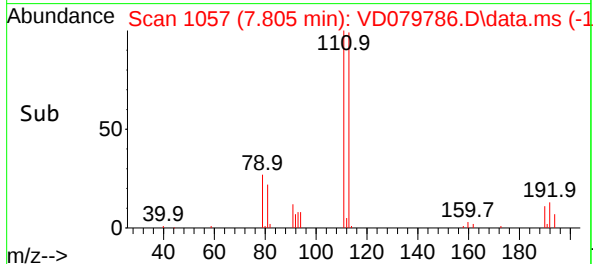
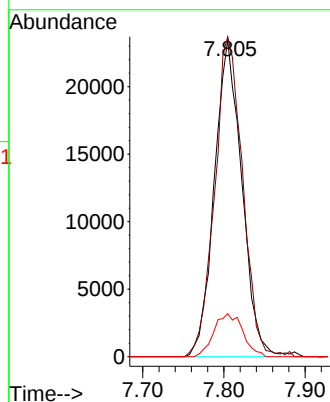
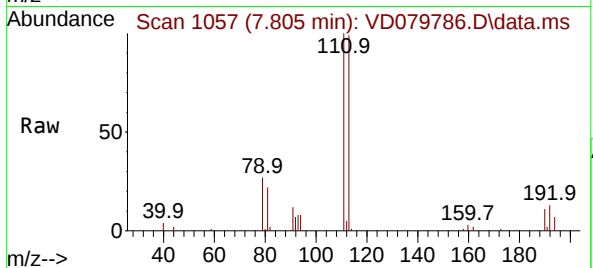




#35
Dibromofluoromethane
Concen: 58.758 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

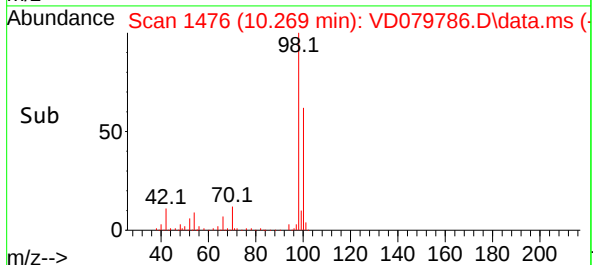
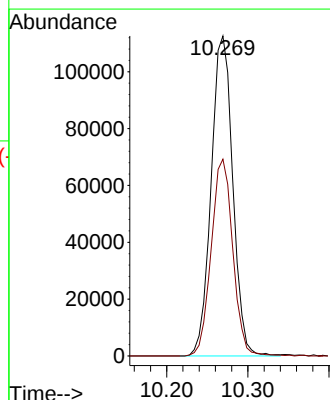
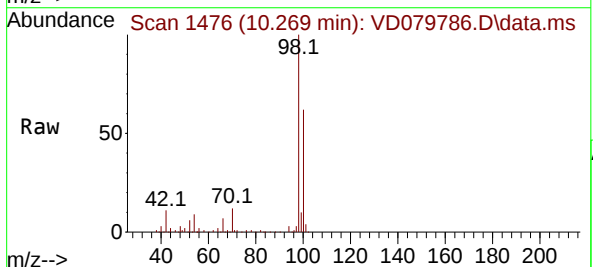
Instrument :
MSVOA_D
ClientSampleId :
901

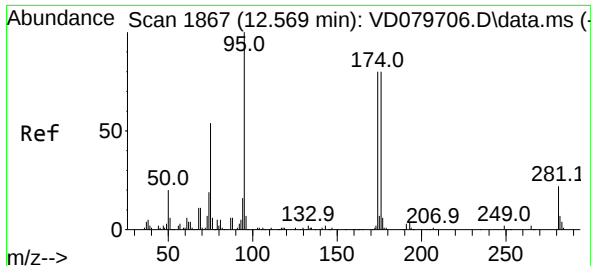
Tgt Ion:113 Resp: 54896
Ion Ratio Lower Upper
113 100
111 103.3 84.0 126.0
192 14.4 15.4 23.0#



#50
Toluene-d8
Concen: 51.885 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

Tgt Ion: 98 Resp: 207896
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4

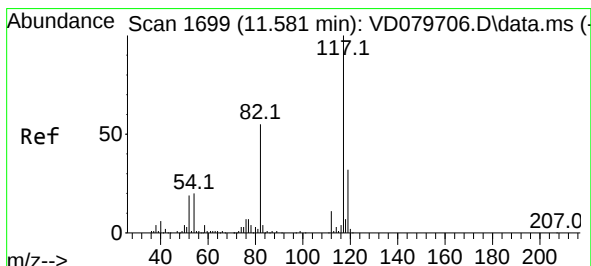
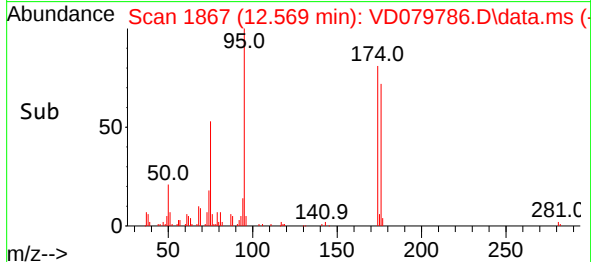
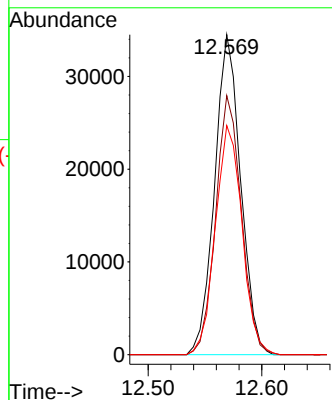
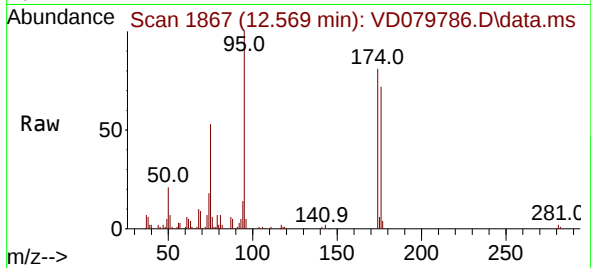




#62
4-Bromofluorobenzene
Concen: 49.118 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

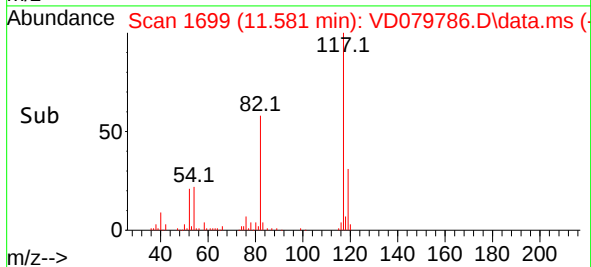
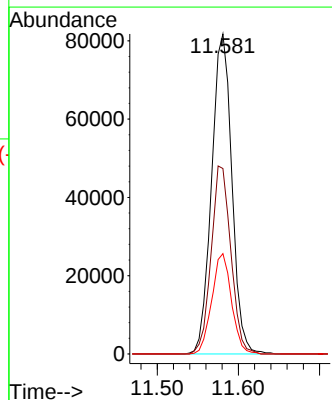
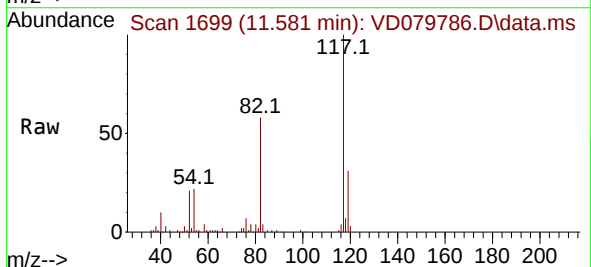
Instrument :
MSVOA_D
ClientSampleId :
901

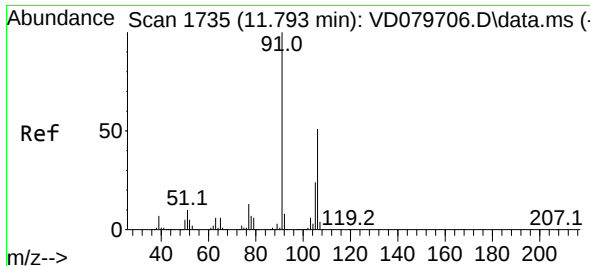
Tgt Ion:	95	Resp:	55068
Ion Ratio	Lower	Upper	
95	100		
174	79.7	0.0	195.4
176	73.5	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

Tgt Ion:	117	Resp:	141778
Ion Ratio	Lower	Upper	
117	100		
82	58.0	39.8	59.6
119	31.3	25.7	38.5

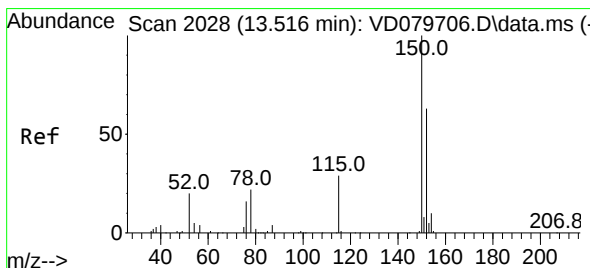
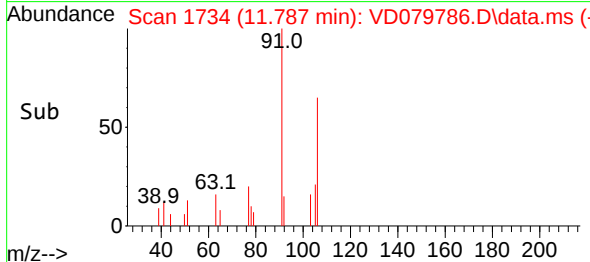
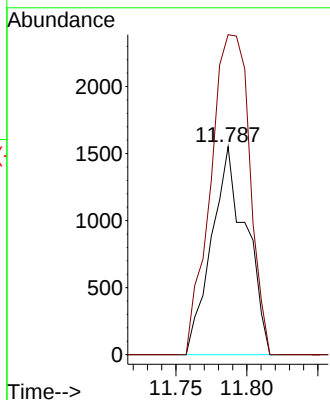
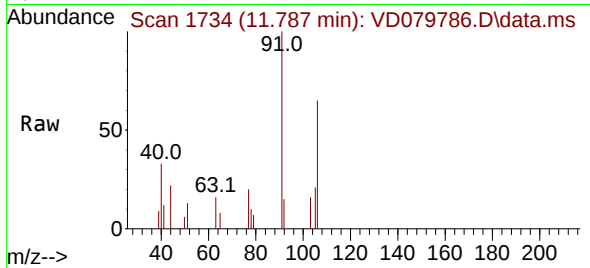




#68
m/p-Xylenes
Concen: 1.235 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

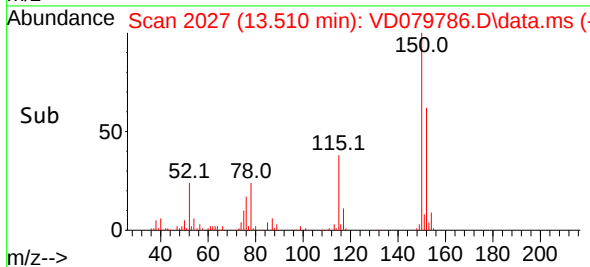
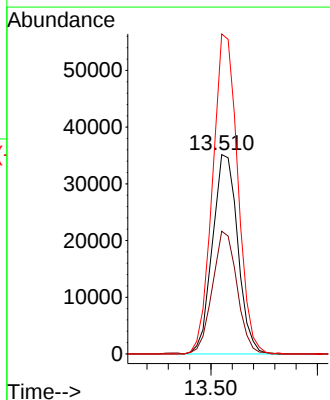
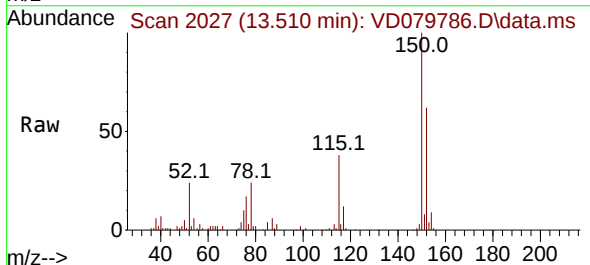
Instrument :
MSVOA_D
ClientSampleId :
901

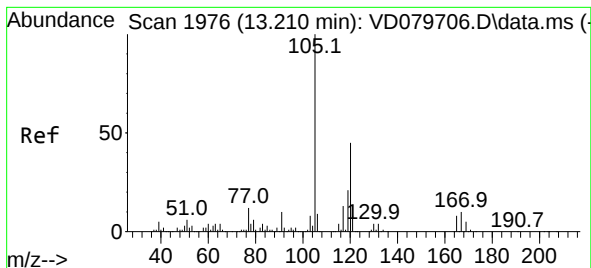
Tgt Ion:106 Resp: 2628
Ion Ratio Lower Upper
106 100
91 174.1 148.5 222.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD079786.D
Acq: 05 Sep 2024 15:35

Tgt Ion:152 Resp: 57907
Ion Ratio Lower Upper
152 100
115 60.1 26.5 79.5
150 159.4 0.0 341.6





#84

1,2,4-Trimethylbenzene

Concen: 1.557 ug/l

RT: 13.204 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD079786.D

Acq: 05 Sep 2024 15:35

Instrument :

MSVOA_D

ClientSampleId :

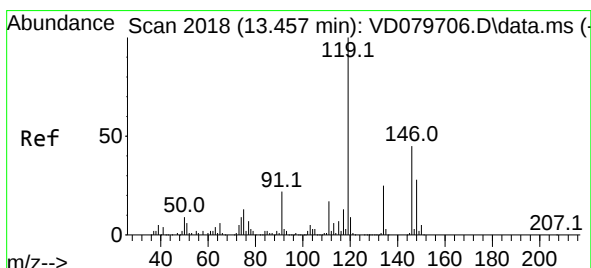
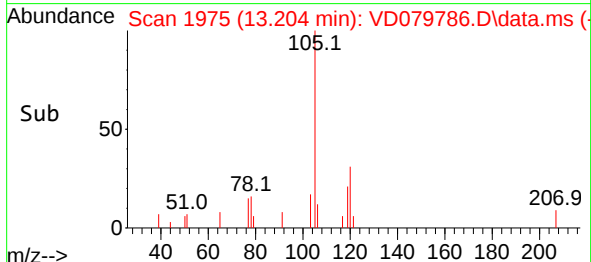
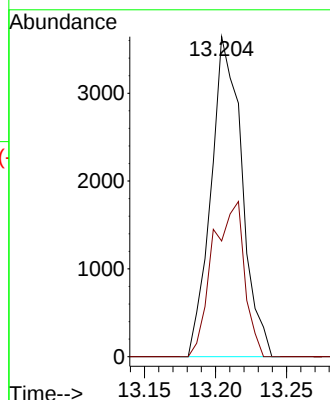
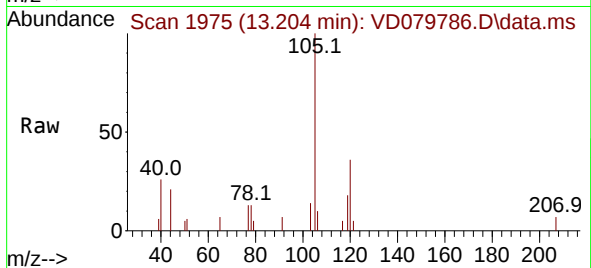
901

Tgt Ion:105 Resp: 5504

Ion Ratio Lower Upper

105 100

120 50.0 23.6 71.0



#86

p-Isopropyltoluene

Concen: 4.224 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD079786.D

Acq: 05 Sep 2024 15:35

Tgt Ion:119 Resp: 2162

Ion Ratio Lower Upper

119 100

134 24.2 13.7 41.1

91 14.3 10.7 32.1

