

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079588.D
 Acq On : 05 Aug 2024 18:39
 Operator : RP/MD
 Sample : P3448-03
 Misc : 4.09G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 06 02:48:45 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)

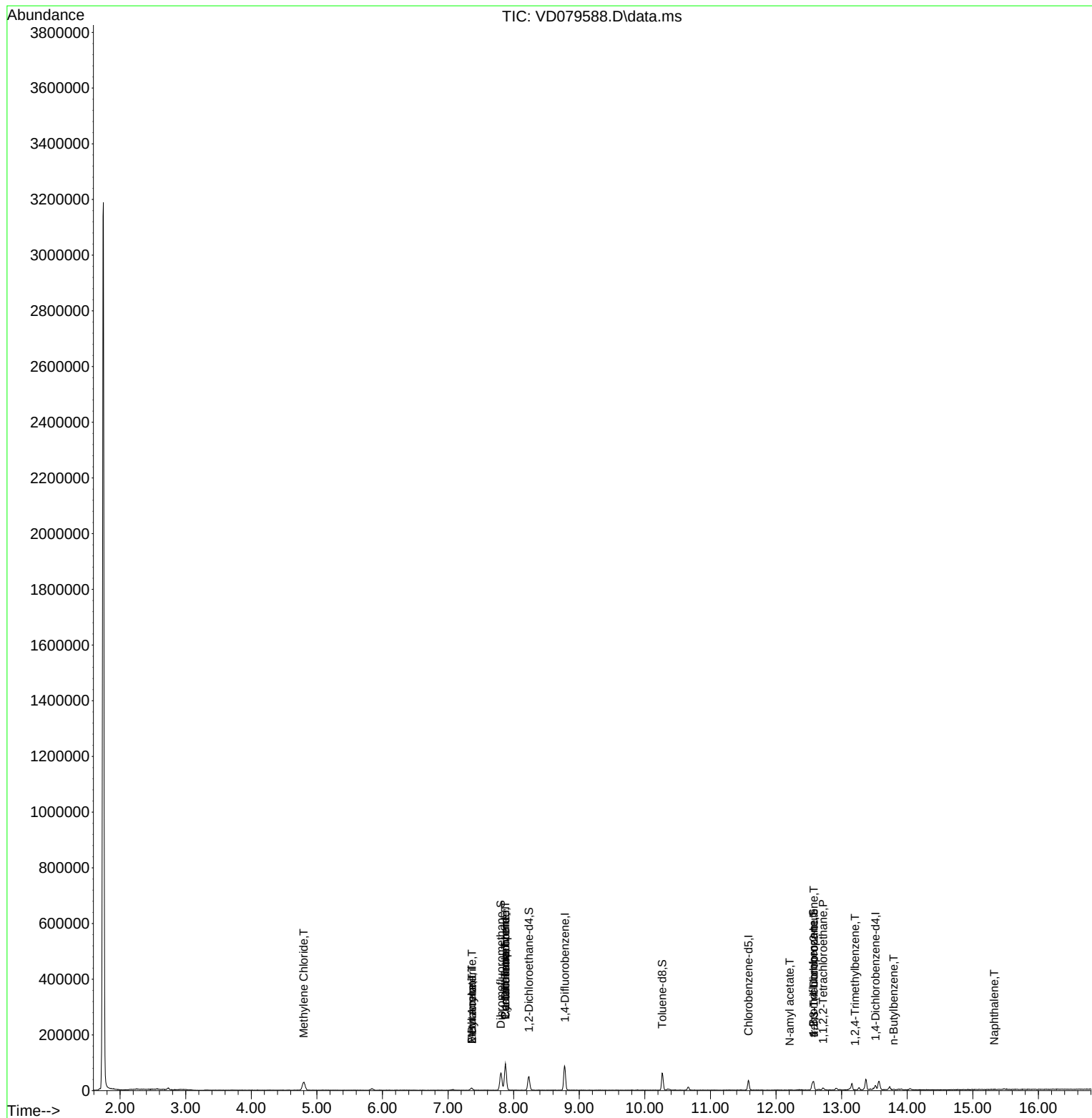
Internal Standards						
1) Pentafluorobenzene	7.875	168	71221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	79756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	38619	53.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.760%	
35) Dibromofluoromethane	7.805	113	45611	84.492	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 168.980%#	
50) Toluene-d8	10.263	98	44355	21.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 42.320%#	
62) 4-Bromofluorobenzene	12.569	95	5147	8.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 16.960%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	279	Below Cal	#	62
20) Methylene Chloride	4.799	84	22725	9.699	ug/l #	93
25) 2-Butanone	7.363	43	5204	26.105	ug/l #	42
31) Cyclohexane	7.875	56	1641	1.366	ug/l #	18
36) 1,1-Dichloropropene	7.875	75	5845	7.933	ug/l #	45
37) Ethyl Acetate	7.363	43	6785	22.460	ug/l #	64
38) Carbon Tetrachloride	7.875	117	6734	8.694	ug/l #	13
41) Methacrylonitrile	7.363	41	4092	24.626	ug/l #	26
74) N-amyl acetate	12.210	43	129	2.079	ug/l #	36
75) 1,1,2,2-Tetrachloroethane	12.716	83	82	1.496	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	2969	80.508	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	2969	153.551	ug/l #	20
84) 1,2,4-Trimethylbenzene	13.204	105	171	4.031	ug/l #	29
89) n-Butylbenzene	13.792	91	54	3.965	ug/l #	34
95) Naphthalene	15.328	128	305	2.233	ug/l #	70

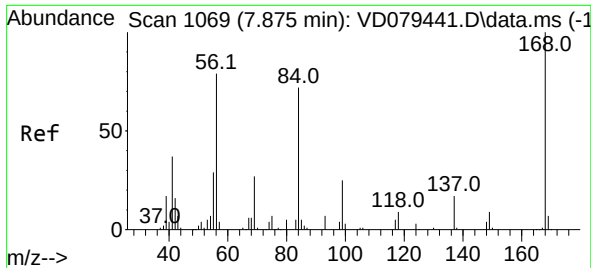
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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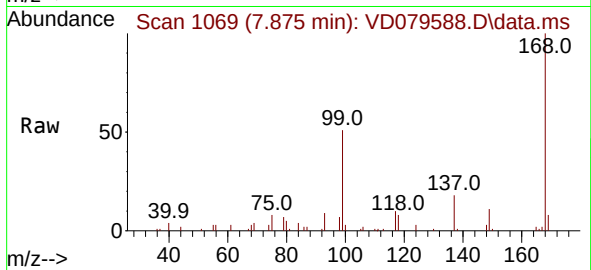
Quant Time: Aug 06 02:48:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



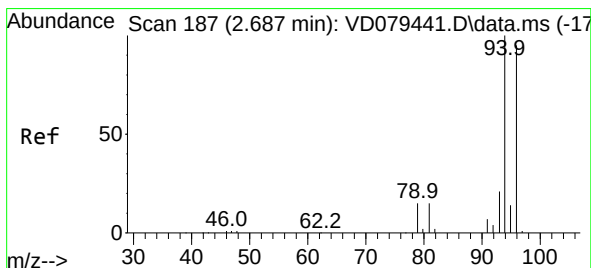
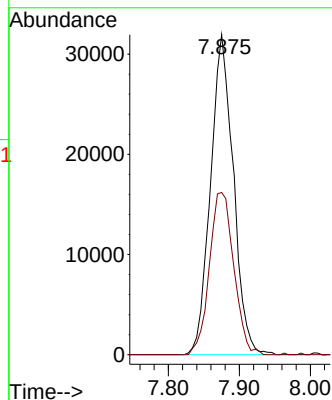
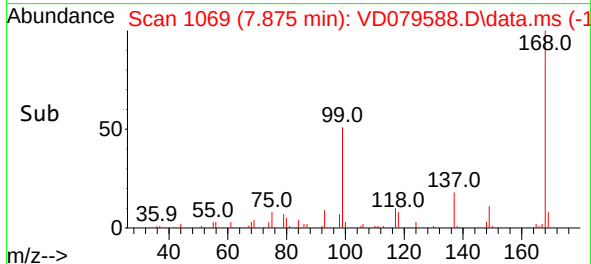


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :

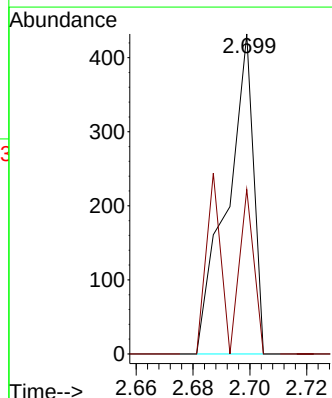
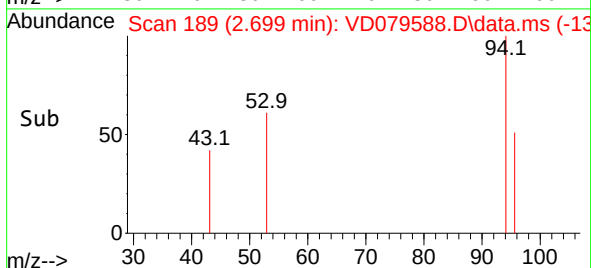
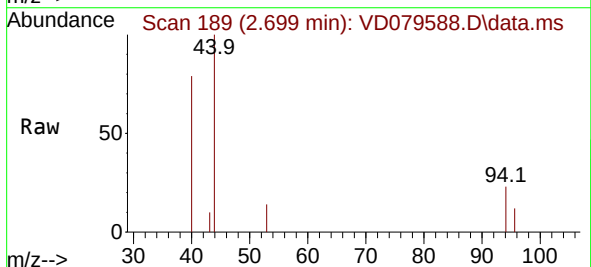


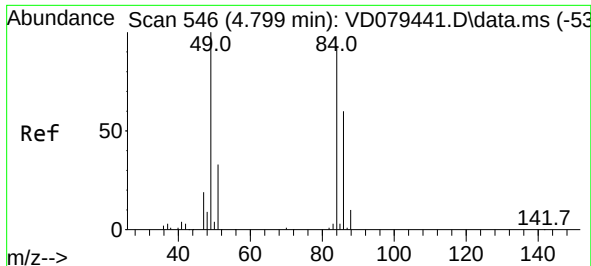
Tgt Ion:168 Resp: 71221
Ion Ratio Lower Upper
168 100
99 50.7 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

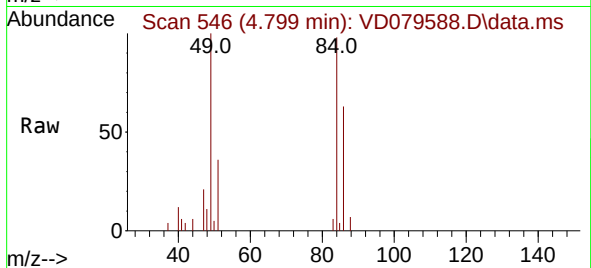
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 58.8 76.9 115.3#



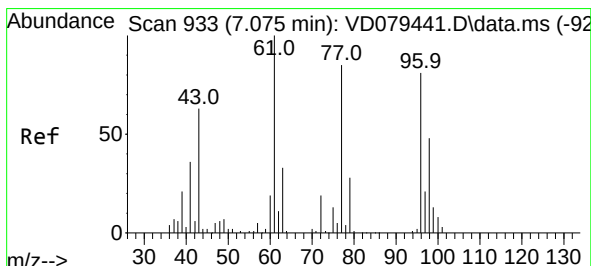
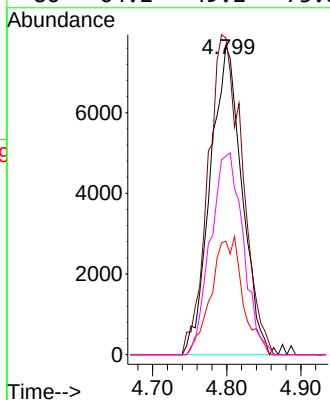
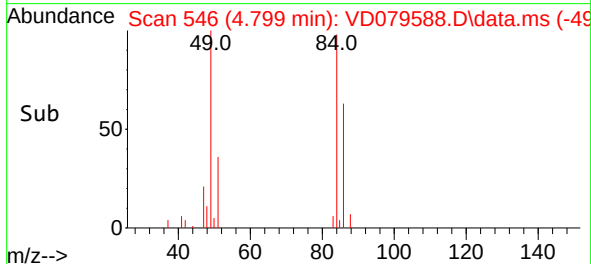


#20
Methylene Chloride
Concen: 9.699 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :

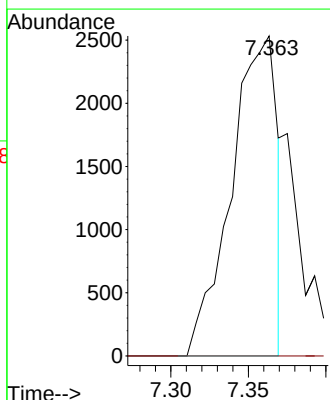
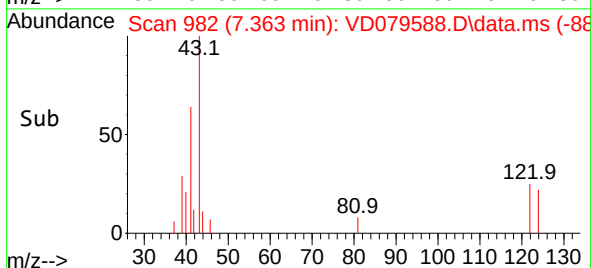
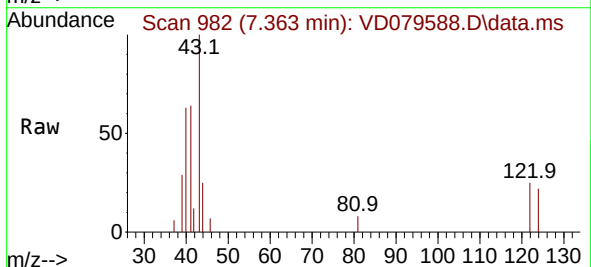


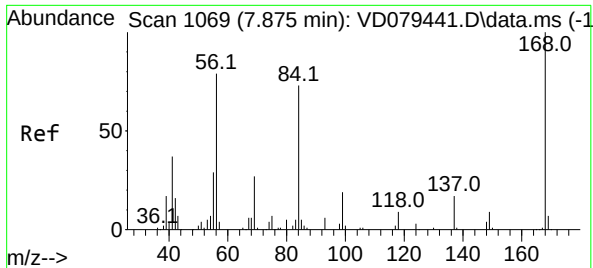
Tgt Ion:	84	Resp:	22725
Ion	Ratio	Lower	Upper
84	100		
49	102.5	75.6	113.4
51	36.7	24.2	36.2#
86	64.2	49.2	73.8



#25
2-Butanone
Concen: 26.105 ug/l
RT: 7.363 min Scan# 982
Delta R.T. 0.271 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

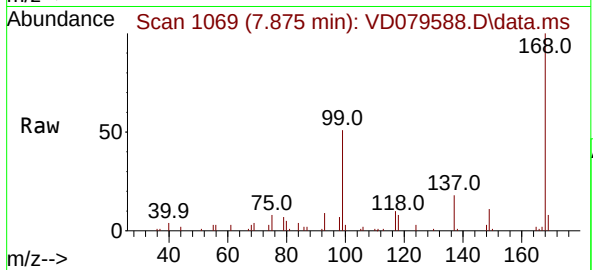
Tgt Ion:	43	Resp:	5204
Ion	Ratio	Lower	Upper
43	100		
72	0.0	26.4	39.6#



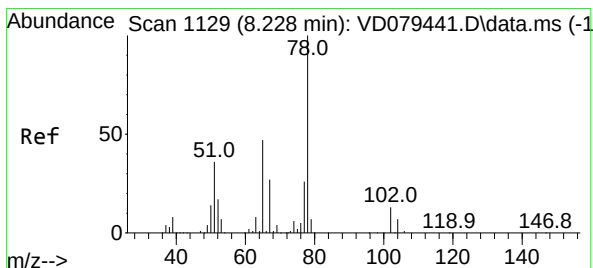
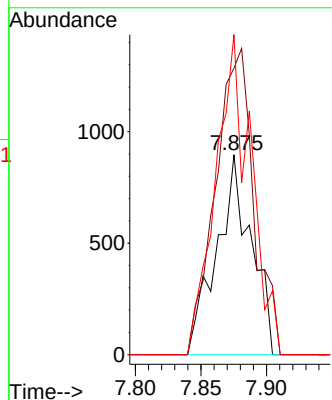
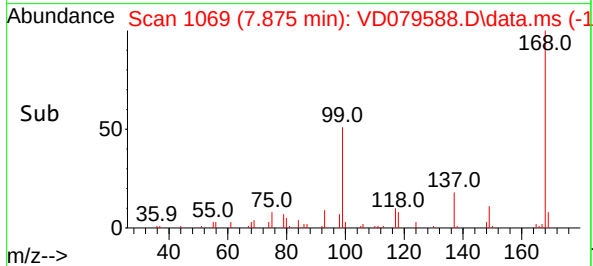


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :

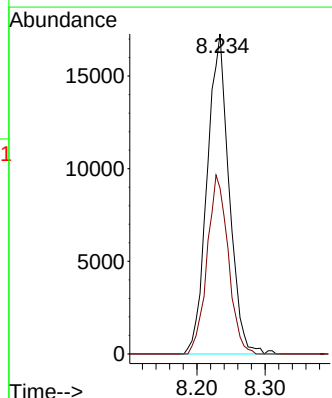
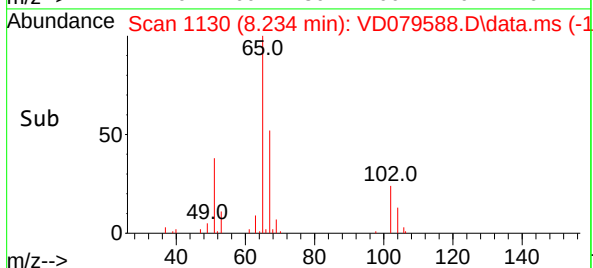
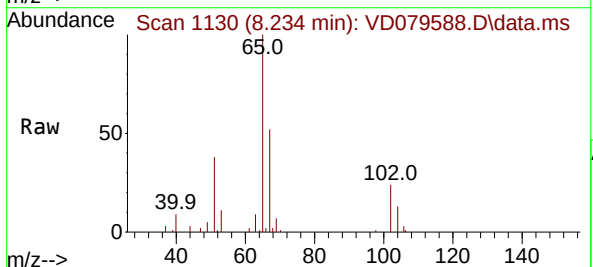


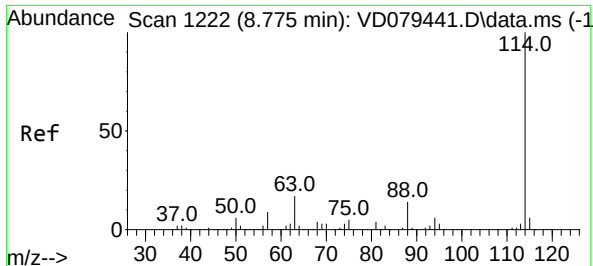
Tgt Ion: 56 Resp: 1641
Ion Ratio Lower Upper
56 100
69 143.1 28.0 42.0#
84 160.0 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 53.375 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 65 Resp: 38619
Ion Ratio Lower Upper
65 100
67 53.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079588.D

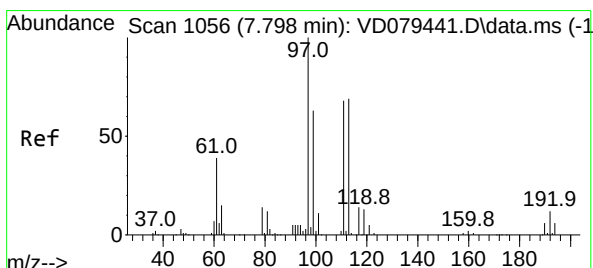
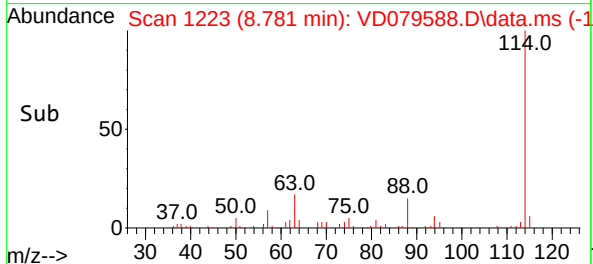
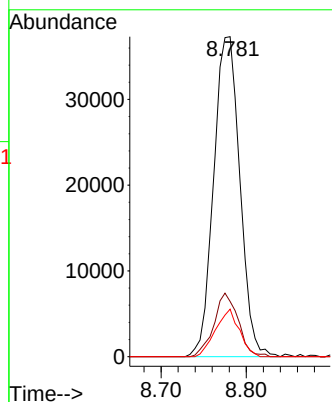
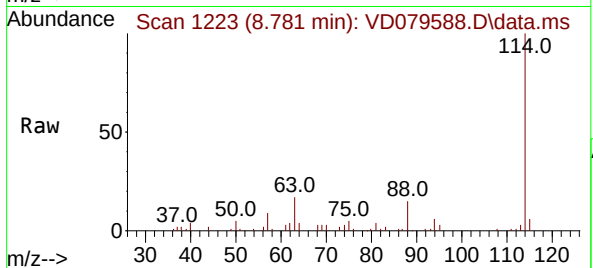
Acq: 05 Aug 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	79756
Ion Ratio	Lower	Upper
114	100	
63	17.3	0.0 34.0
88	14.9	0.0 27.2



#35

Dibromofluoromethane

Concen: 84.492 ug/l

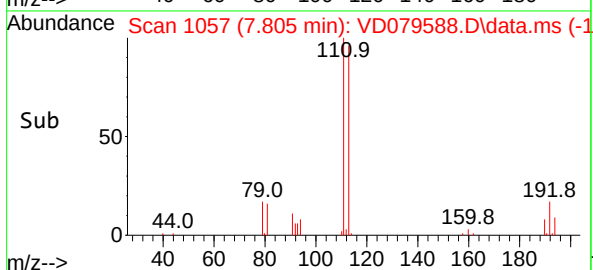
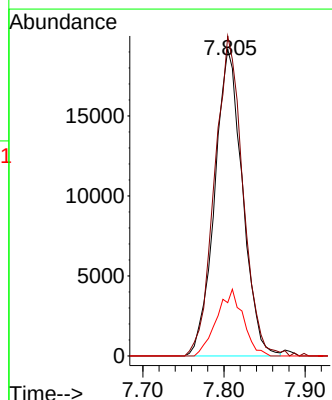
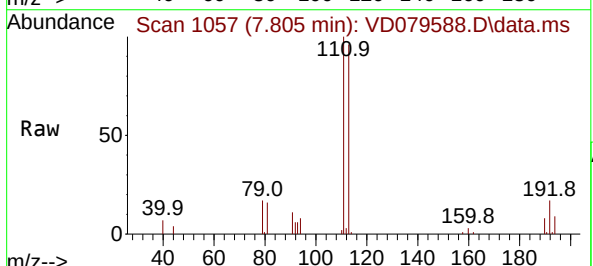
RT: 7.805 min Scan# 1057

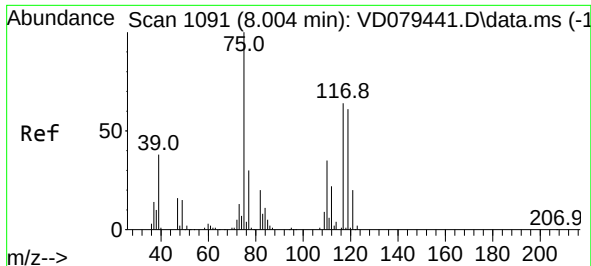
Delta R.T. -0.000 min

Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

Tgt Ion:113	Resp:	45611
Ion Ratio	Lower	Upper
113	100	
111	106.1	84.0 126.0
192	20.7	15.4 23.0





#36

1,1-Dichloropropene

Concen: 7.933 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

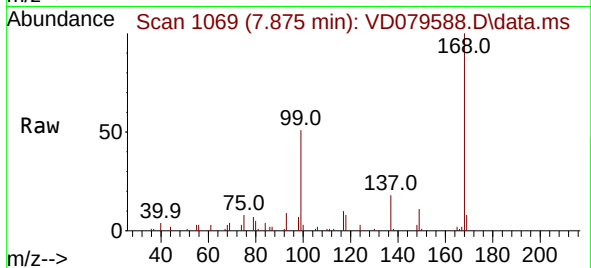
Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

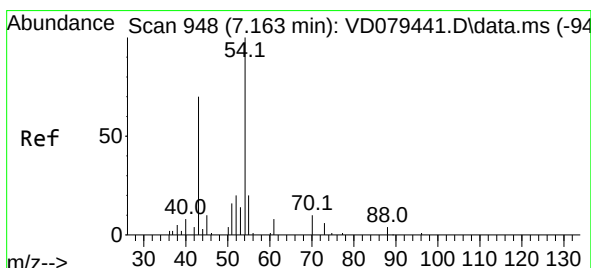
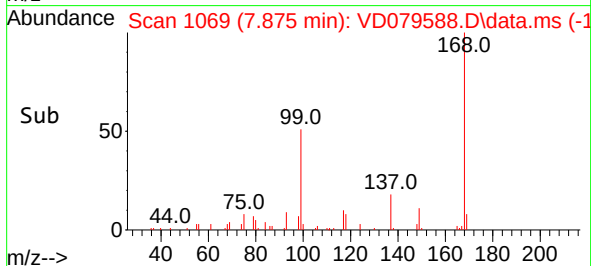
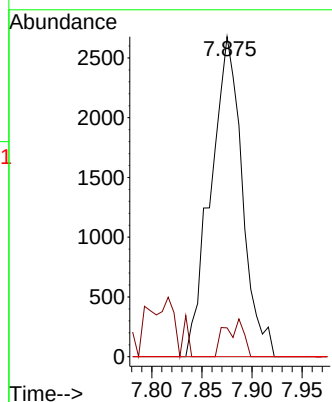
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	5845
Ion	Ratio	Lower	Upper
75	100		
110	6.9	19.6	58.7#
77	0.0	26.1	39.1#



#37

Ethyl Acetate

Concen: 22.460 ug/l

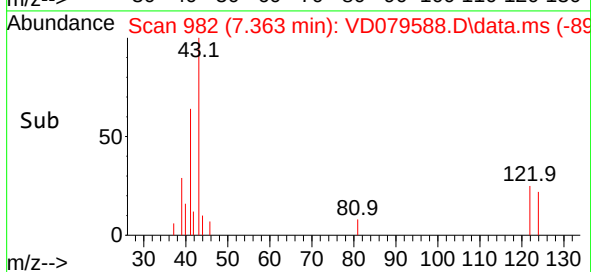
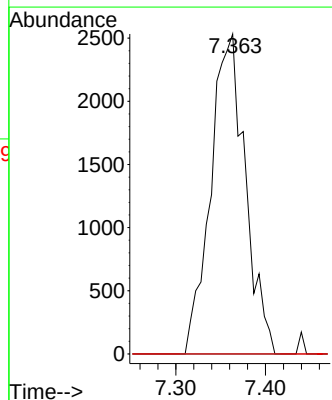
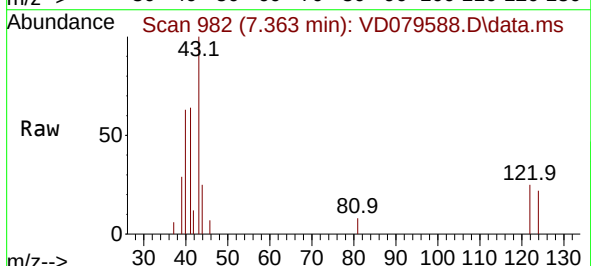
RT: 7.363 min Scan# 982

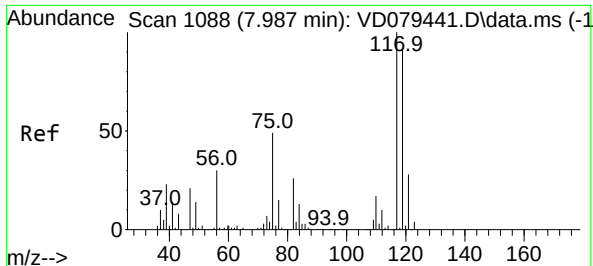
Delta R.T. 0.188 min

Lab File: VD079588.D

Acq: 05 Aug 2024 18:39

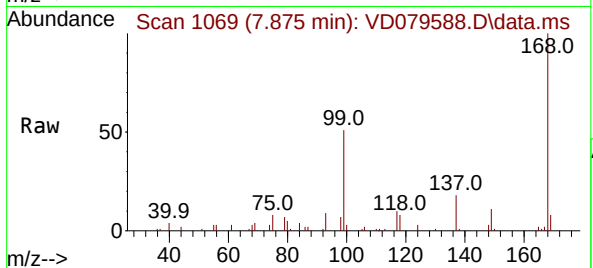
Tgt Ion:	43	Resp:	6785
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.9	20.9#
70	0.0	9.8	14.6#



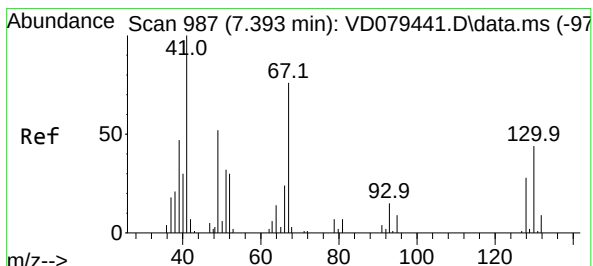
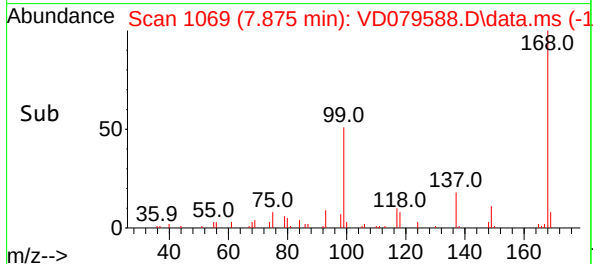
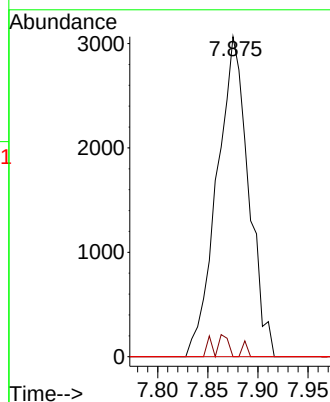


#38
Carbon Tetrachloride
Concen: 8.694 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :

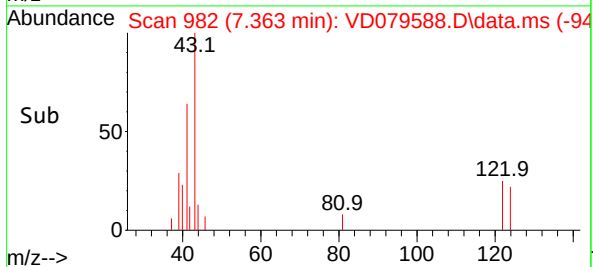
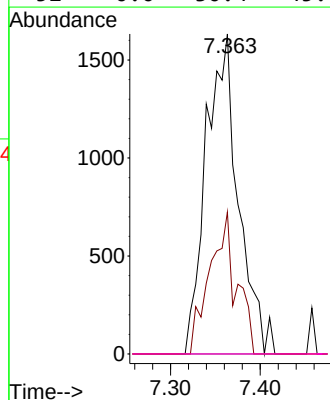
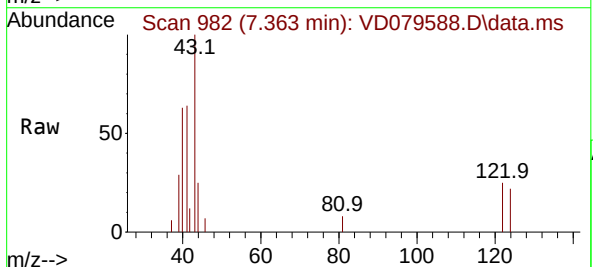


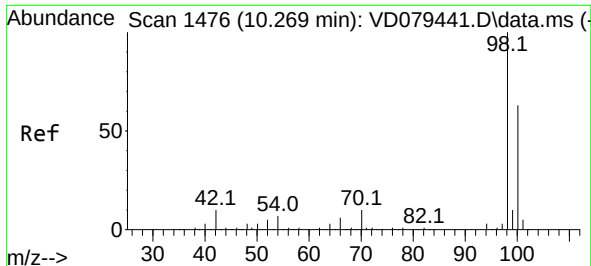
Tgt Ion:117 Resp: 6734
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#41
Methacrylonitrile
Concen: 24.626 ug/l
RT: 7.363 min Scan# 982
Delta R.T. -0.053 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Tgt Ion: 41 Resp: 4092
Ion Ratio Lower Upper
41 100
39 36.5 41.4 62.0#
67 0.0 85.8 128.6#
52 0.0 30.4 45.6#

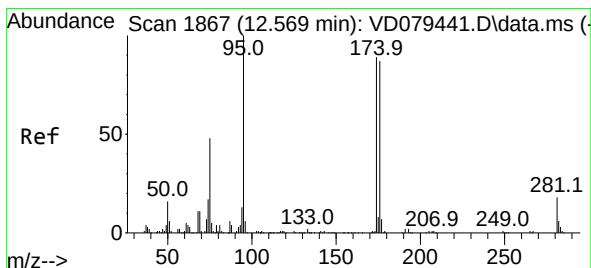
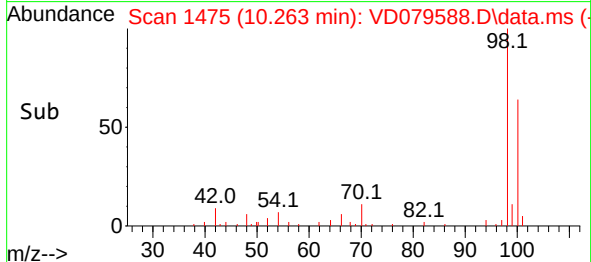
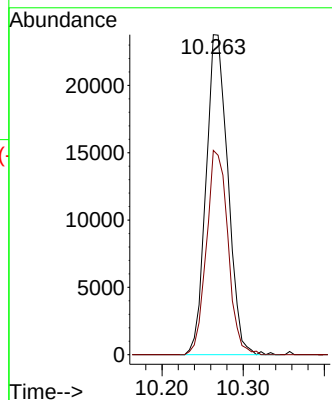
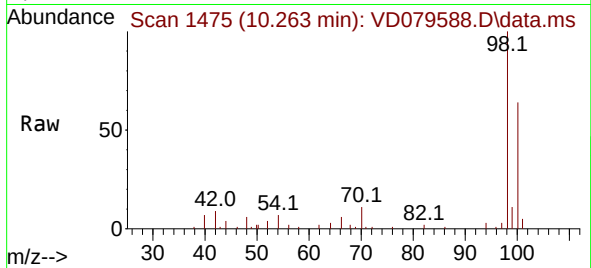




#50
Toluene-d8
Concen: 21.158 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

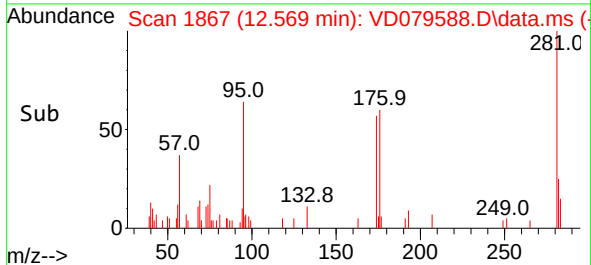
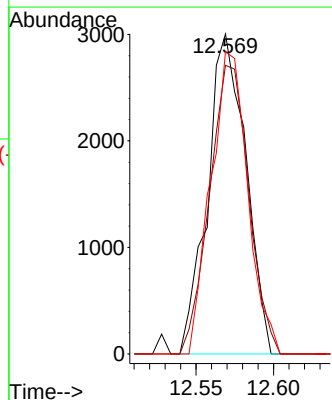
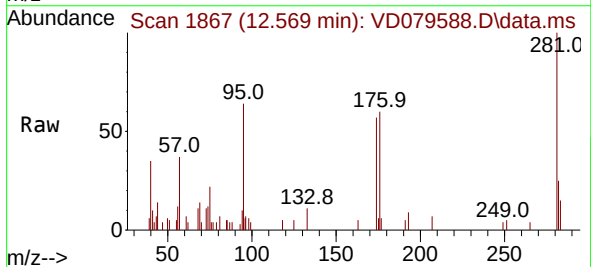
Instrument :
MSVOA_D
ClientSampleId :

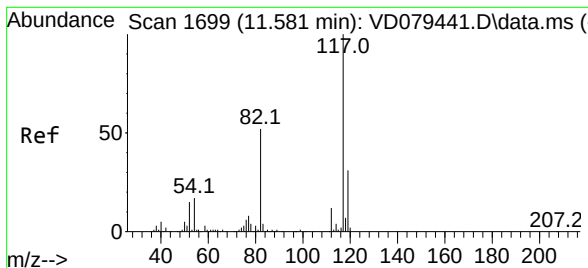
Tgt Ion: 98 Resp: 44355
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 8.484 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

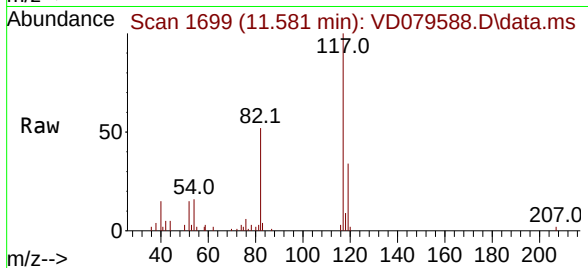
Tgt Ion: 95 Resp: 5147
Ion Ratio Lower Upper
95 100
174 92.7 0.0 195.4
176 91.4 0.0 192.6



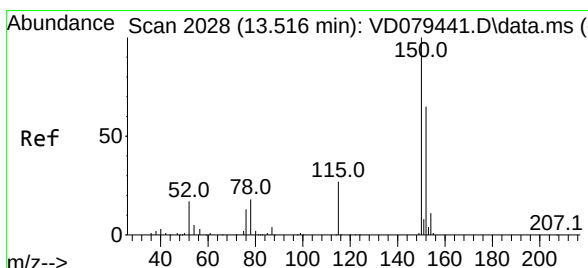
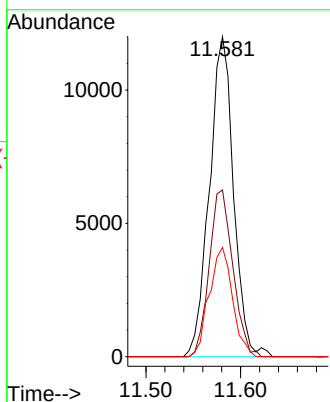
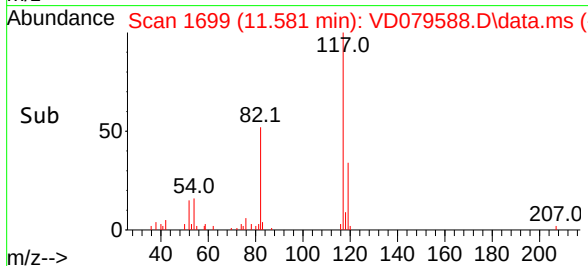


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

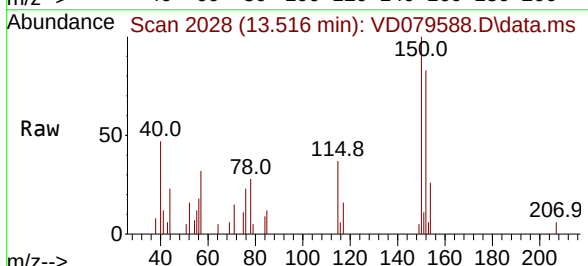
Instrument :
MSVOA_D
ClientSampleId :



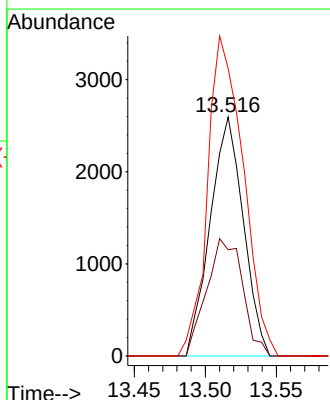
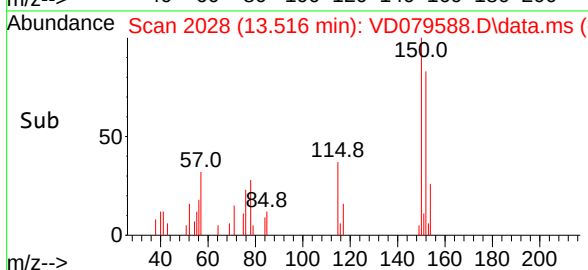
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	39.8	59.6
119	34.1	25.7	38.5

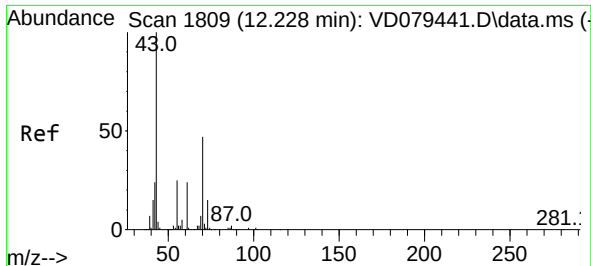


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39



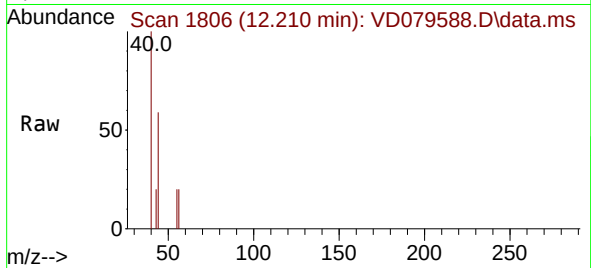
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.1	26.5	79.5
150	143.7	0.0	341.6



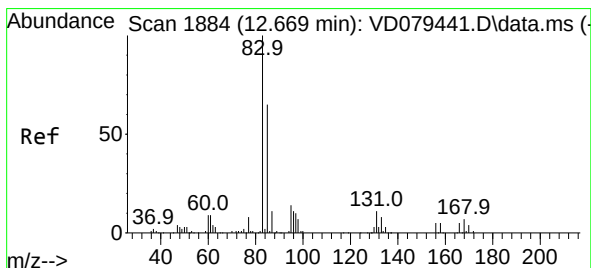
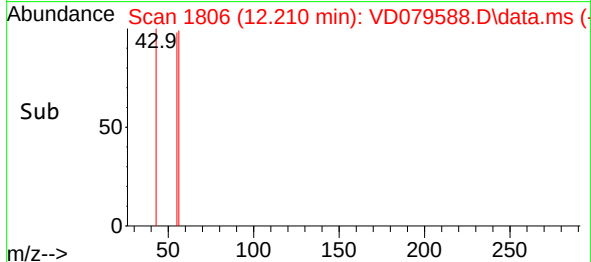
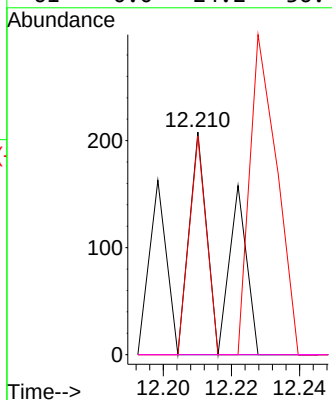


#74
N-amy1 acetate
Concen: 2.079 ug/l
RT: 12.210 min Scan# 1806
Delta R.T. -0.024 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :

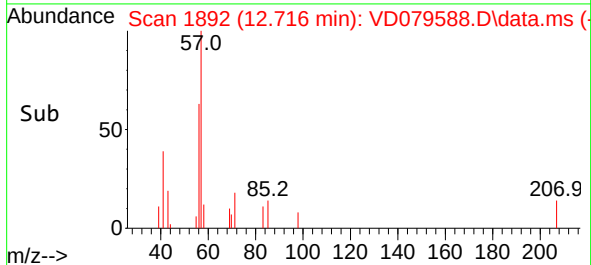
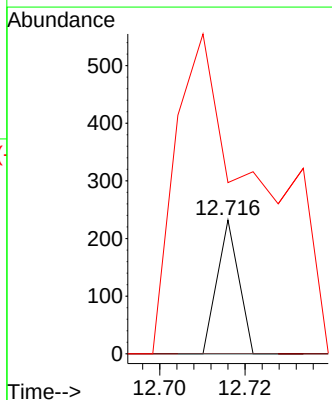
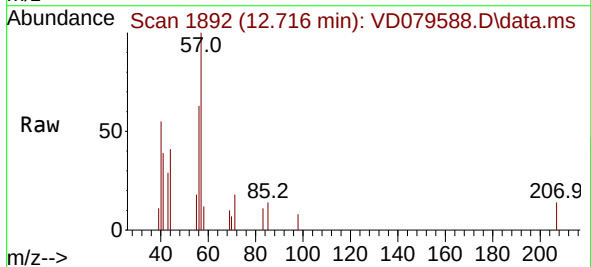


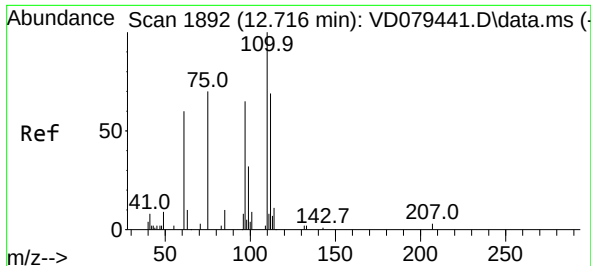
Tgt Ion:	43	Resp:	129
Ion	Ratio	Lower	Upper
43	100		
70	0.0	44.3	66.5#
55	55.8	23.2	34.8#
61	0.0	24.2	36.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.496 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. 0.047 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Tgt Ion:	83	Resp:	82
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.5	16.5#
85	931.7	33.8	101.3#

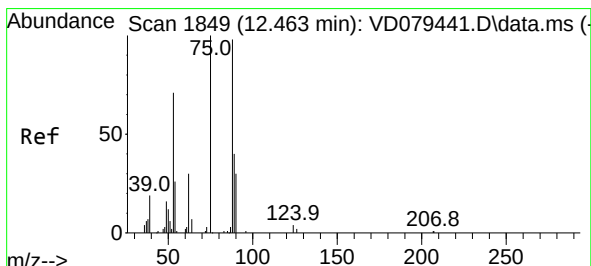
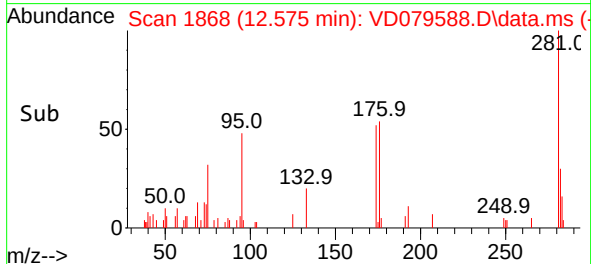
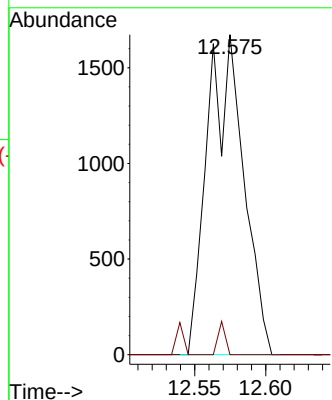
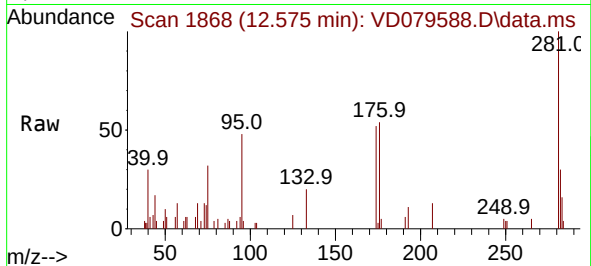




#76
 1,2,3-Trichloropropane
 Concen: 80.508 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD079588.D
 Acq: 05 Aug 2024 18:39

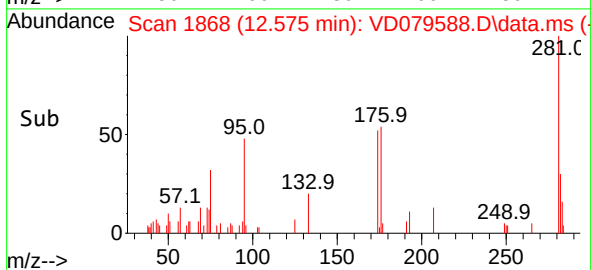
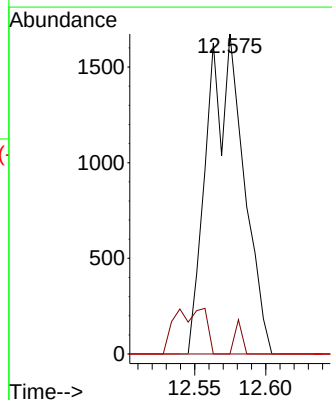
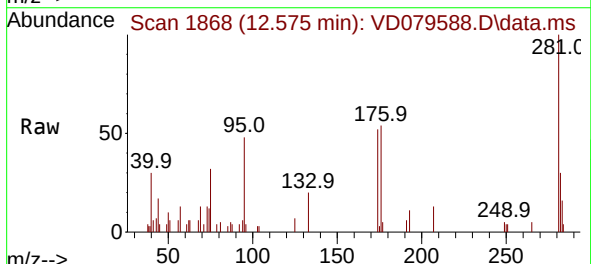
Instrument :
 MSVOA_D
 ClientSampleId :

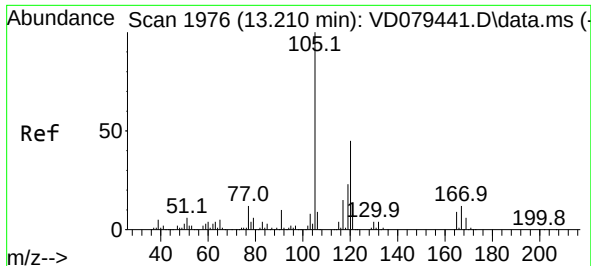
Tgt Ion: 75 Resp: 2969
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 153.551 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD079588.D
 Acq: 05 Aug 2024 18:39

Tgt Ion: 75 Resp: 2969
 Ion Ratio Lower Upper
 75 100
 53 2.1 61.4 92.2#
 89 0.0 35.4 53.0#

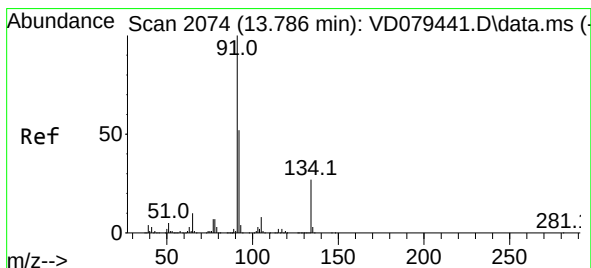
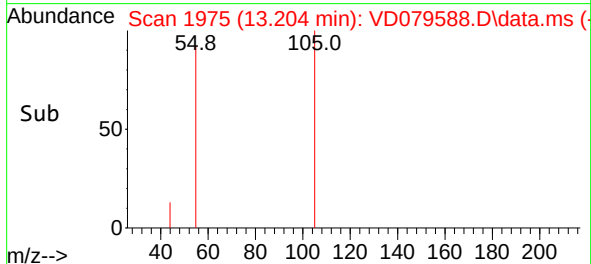
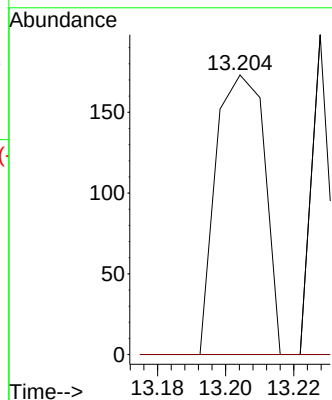
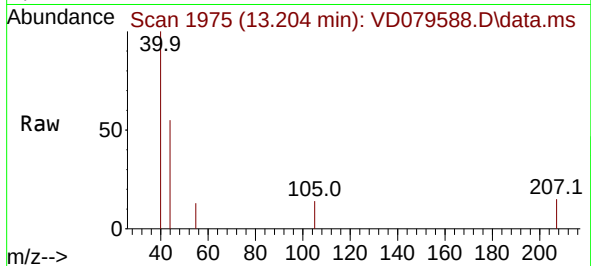




#84
1,2,4-Trimethylbenzene
Concen: 4.031 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

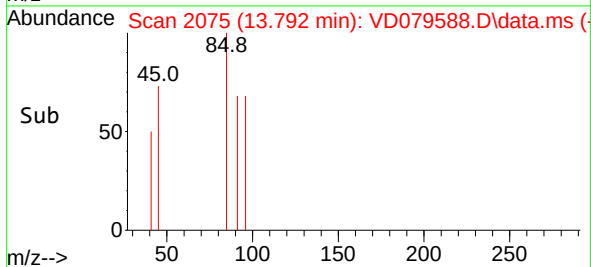
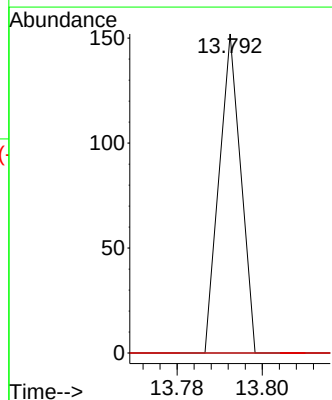
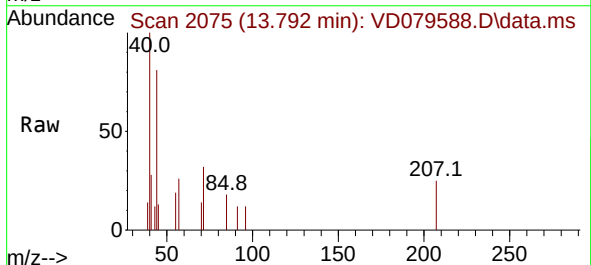
Instrument :
MSVOA_D
ClientSampleId :

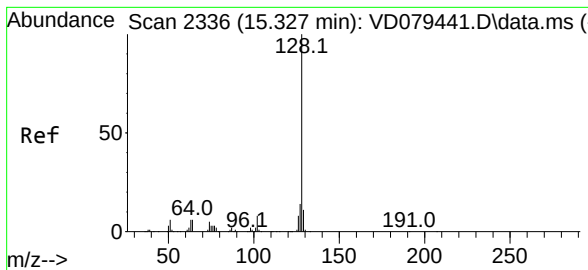
Tgt Ion:105 Resp: 171
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#89
n-Butylbenzene
Concen: 3.965 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.011 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

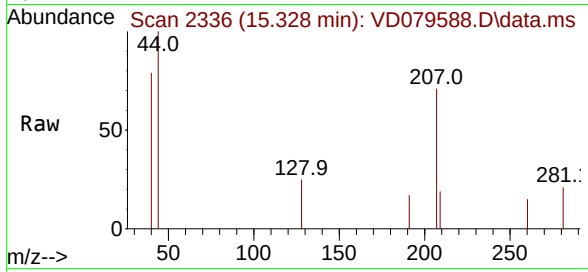
Tgt Ion: 91 Resp: 54
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 2.233 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079588.D
Acq: 05 Aug 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 305
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

