

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080824\
 Data File : VD079671.D
 Acq On : 08 Aug 2024 17:08
 Operator : RP/MD
 Sample : P3393-01
 Misc : 6.54G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 09 01:09:52 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)

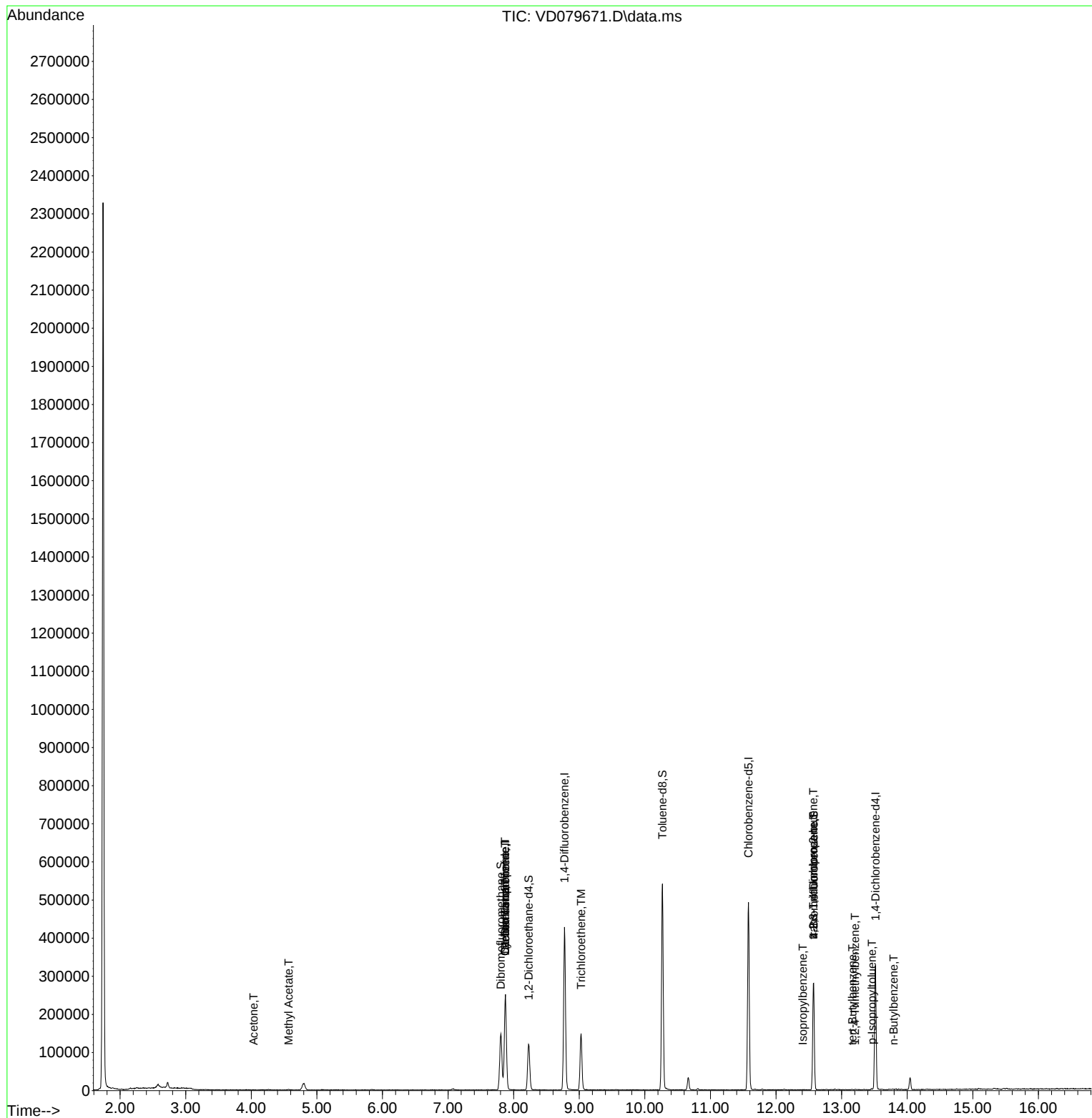
Internal Standards						
1) Pentafluorobenzene	7.875	168	185681	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	371652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94726	50.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.440%	
35) Dibromofluoromethane	7.804	113	107858	42.877	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 85.760%	
50) Toluene-d8	10.269	98	385486	39.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.920%	
62) 4-Bromofluorobenzene	12.575	95	80236	28.383	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 56.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	1624	Below Cal		98
11) Tert butyl alcohol	5.046	59	140	Below Cal	#	86
16) Acetone	4.034	43	455	1.241	ug/l #	37
18) Methyl Acetate	4.569	43	3326	2.922	ug/l #	69
20) Methylene Chloride	4.805	84	13977	Below Cal	#	87
31) Cyclohexane	7.869	56	4172	1.332	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	15968	4.651	ug/l #	47
38) Carbon Tetrachloride	7.869	117	18480	5.120	ug/l #	17
44) Trichloroethene	9.028	130	54811	20.191	ug/l	99
73) Isopropylbenzene	12.410	105	430	3.687	ug/l #	48
76) 1,2,3-Trichloropropane	12.569	75	41833	53.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	41833	101.268	ug/l #	19
83) tert-Butylbenzene	13.163	119	337	3.692	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.204	105	888	3.575	ug/l #	63
86) p-Isopropyltoluene	13.463	119	491	3.958	ug/l #	51
89) n-Butylbenzene	13.792	91	930	3.930	ug/l #	66

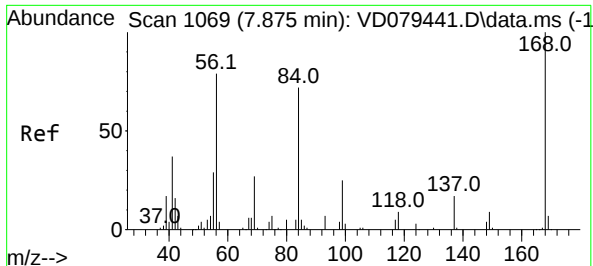
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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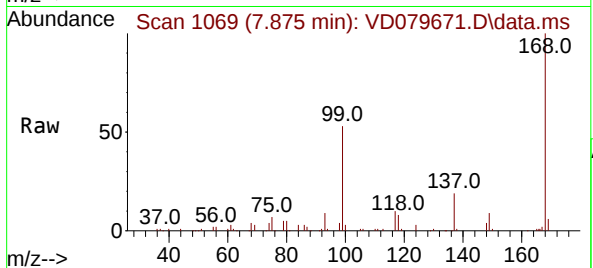
Quant Time: Aug 09 01:09:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



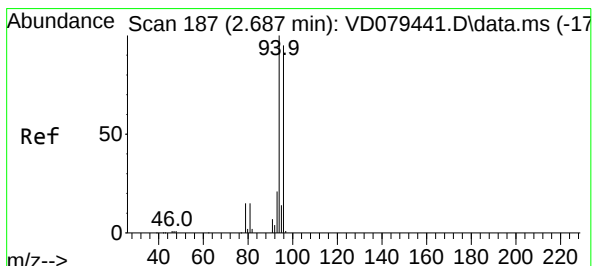
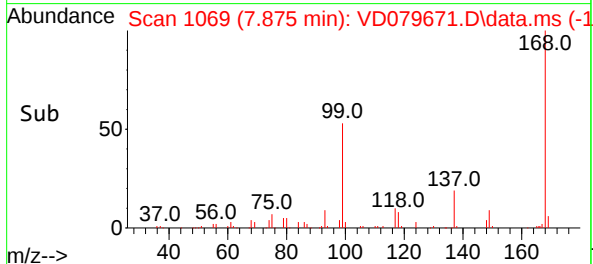
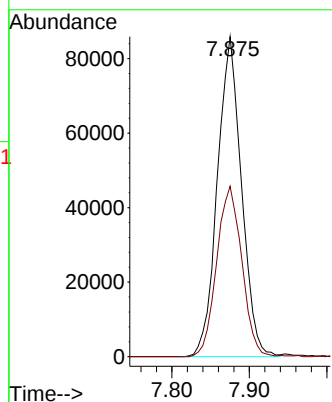


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :

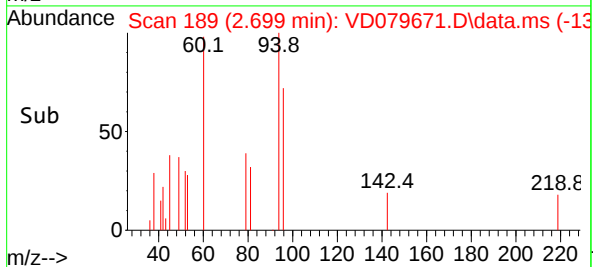
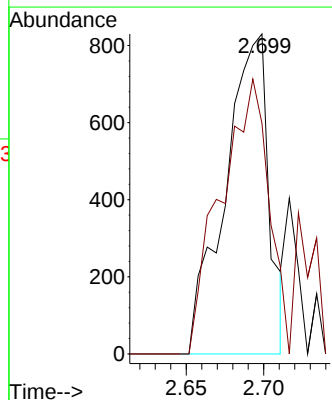
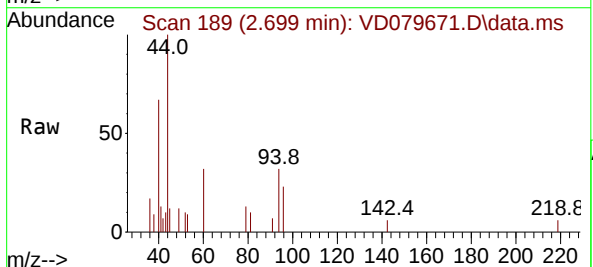


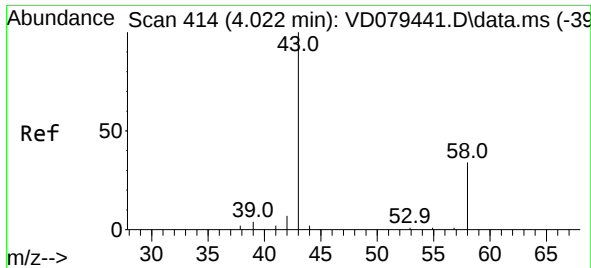
Tgt Ion:168 Resp: 185681
Ion Ratio Lower Upper
168 100
99 53.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.012 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 94 Resp: 1624
Ion Ratio Lower Upper
94 100
96 94.5 76.9 115.3

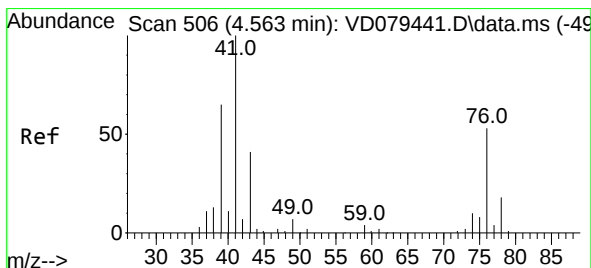
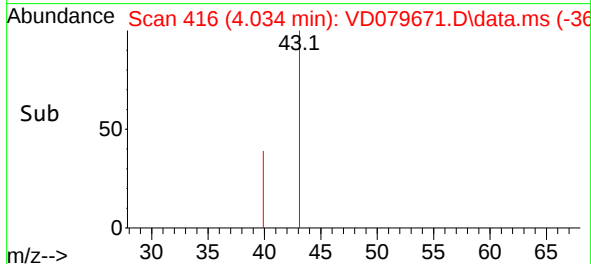
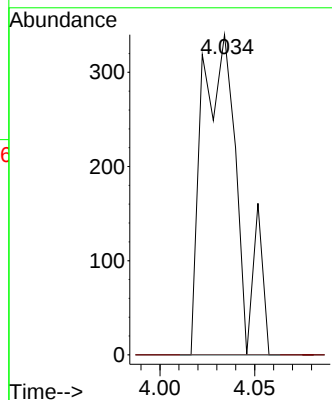
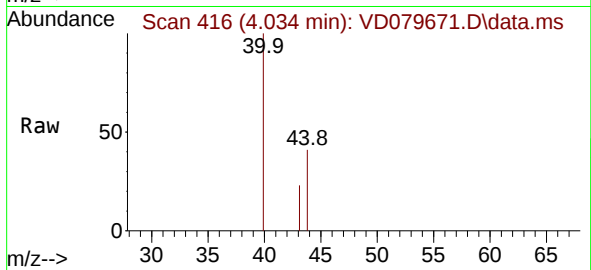




#16
Acetone
Concen: 1.241 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

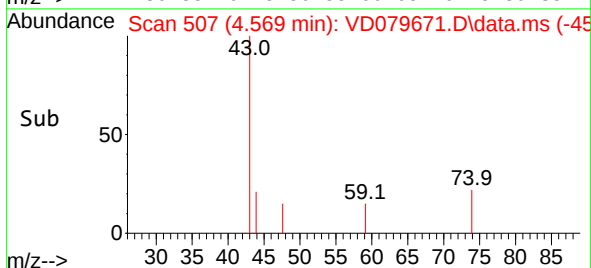
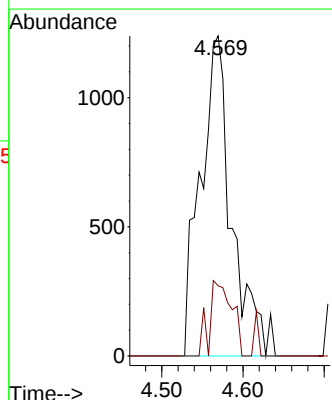
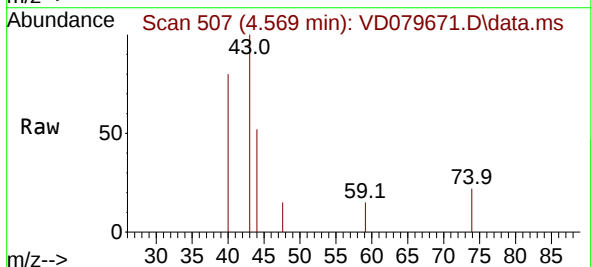
Instrument :
MSVOA_D
ClientSampleId :

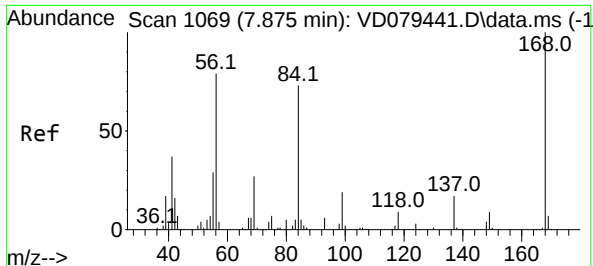
Tgt Ion: 43 Resp: 455
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#18
Methyl Acetate
Concen: 2.922 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

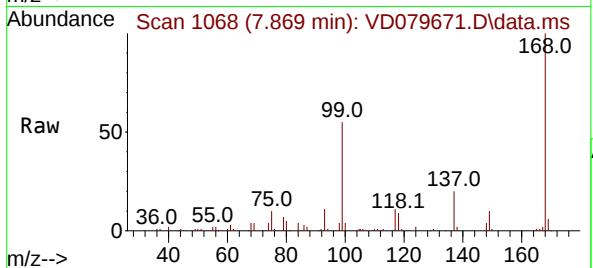
Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
74 16.9 28.1 42.1#



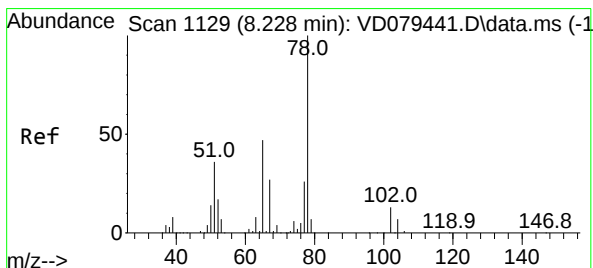
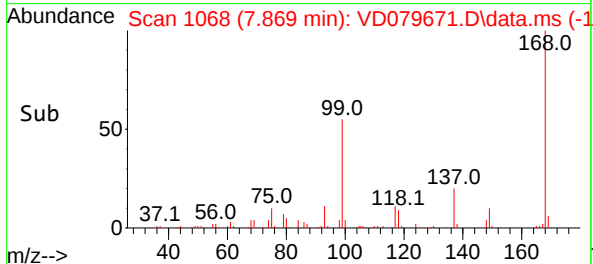
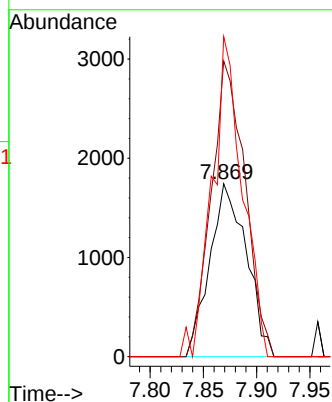


#31
Cyclohexane
Concen: 1.332 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :

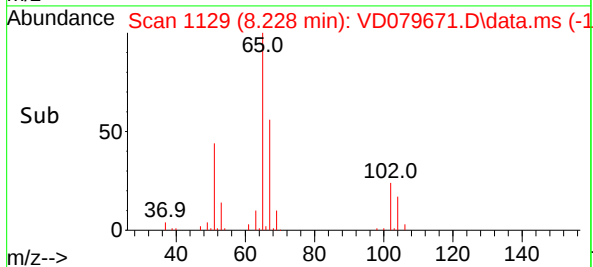
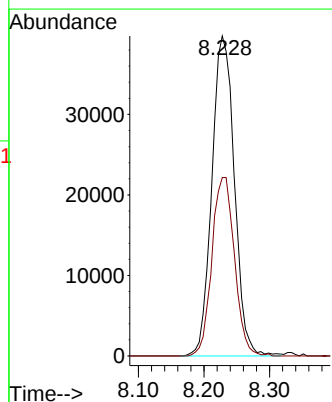
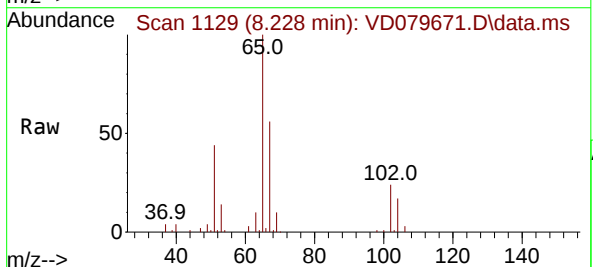


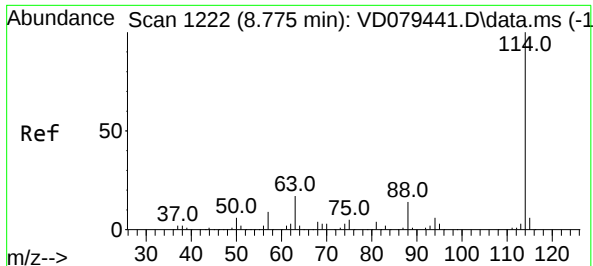
Tgt Ion: 56 Resp: 4172
Ion Ratio Lower Upper
56 100
69 170.9 28.0 42.0#
84 185.0 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 50.217 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 65 Resp: 94726
Ion Ratio Lower Upper
65 100
67 56.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079671.D

Acq: 08 Aug 2024 17:08

Instrument :

MSVOA_D

ClientSampleId :

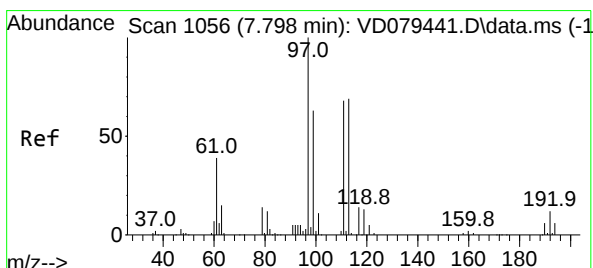
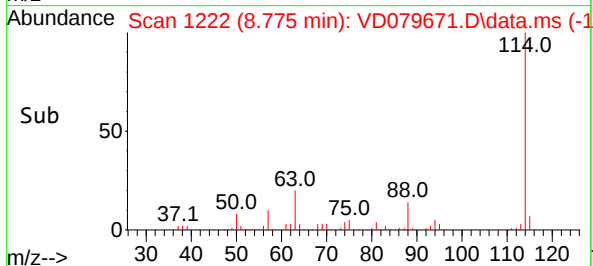
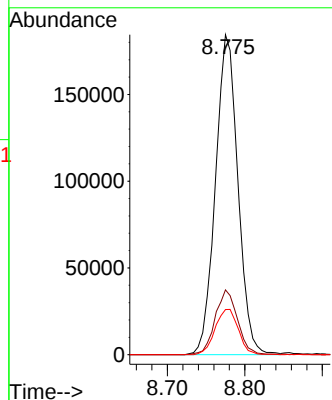
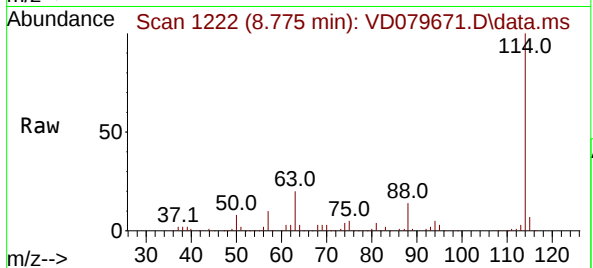
Tgt Ion:114 Resp: 371652

Ion Ratio Lower Upper

114 100

63 20.3 0.0 34.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.877 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079671.D

Acq: 08 Aug 2024 17:08

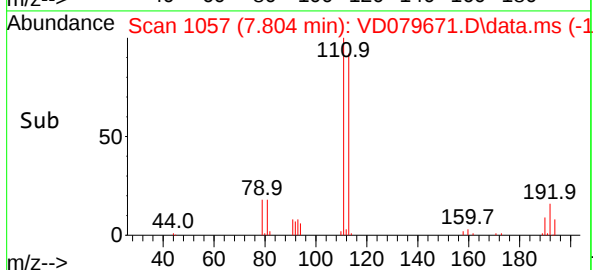
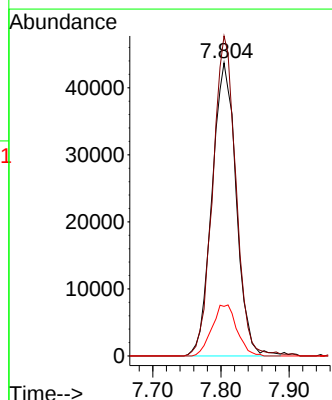
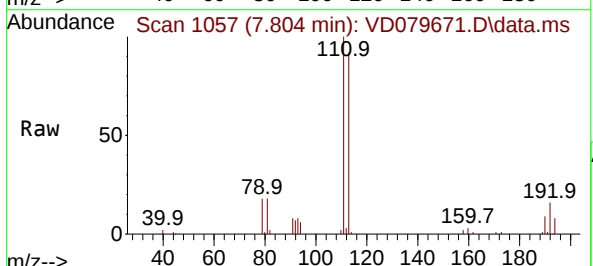
Tgt Ion:113 Resp: 107858

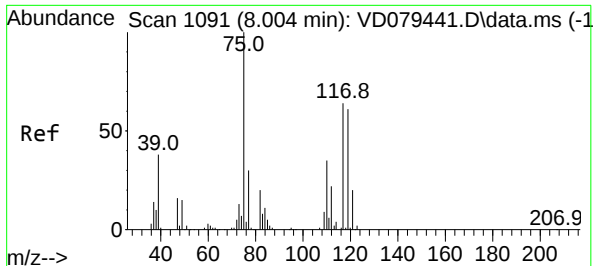
Ion Ratio Lower Upper

113 100

111 104.5 84.0 126.0

192 17.9 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.651 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

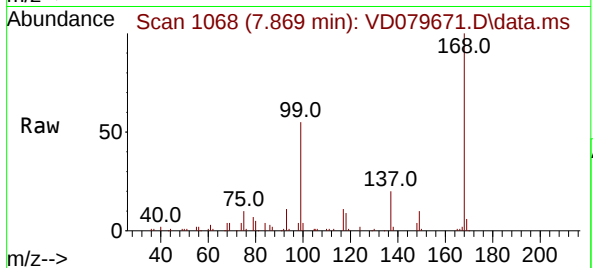
Lab File: VD079671.D

Acq: 08 Aug 2024 17:08

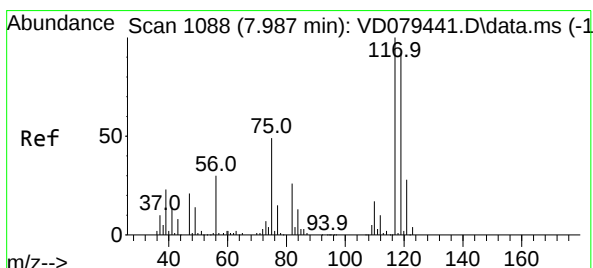
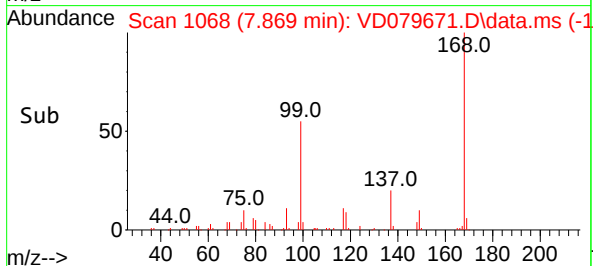
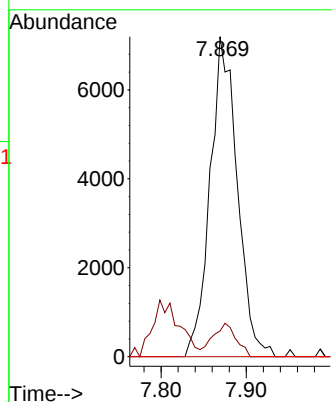
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 15968
Ion Ratio	Lower Upper
75	100
110	8.9 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.120 ug/l

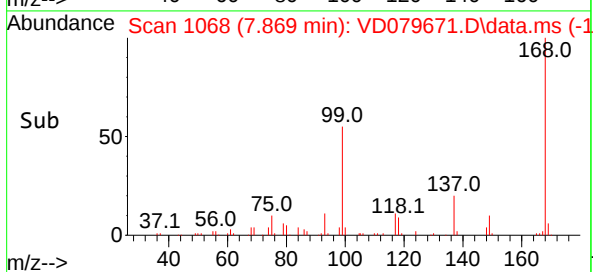
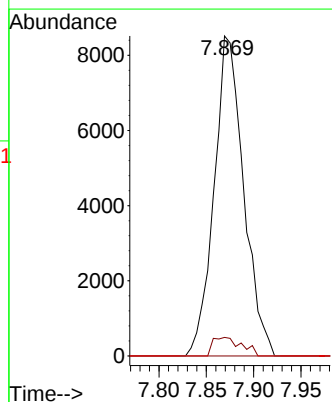
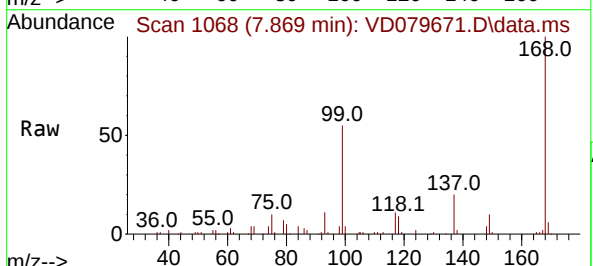
RT: 7.869 min Scan# 1068

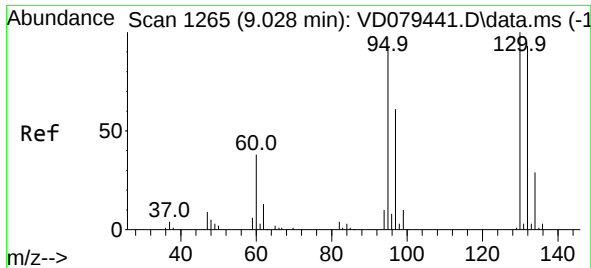
Delta R.T. -0.118 min

Lab File: VD079671.D

Acq: 08 Aug 2024 17:08

Tgt Ion: 117	Resp: 18480
Ion Ratio	Lower Upper
117	100
119	5.8 75.4 113.0#
121	0.0 25.0 37.4#

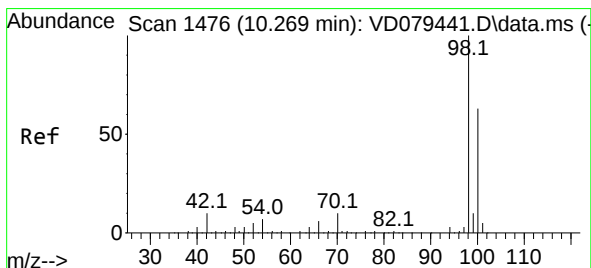
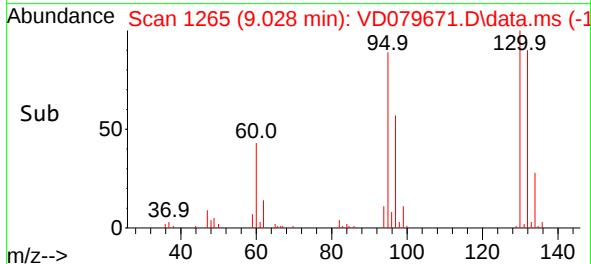
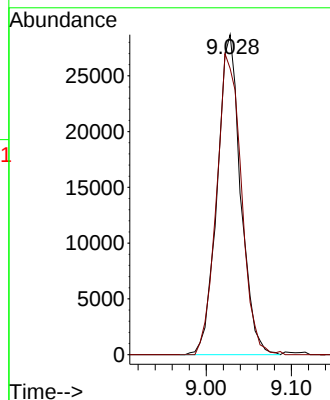
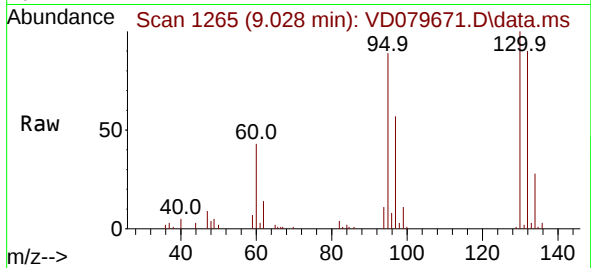




#44
Trichloroethene
Concen: 20.191 ug/l
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

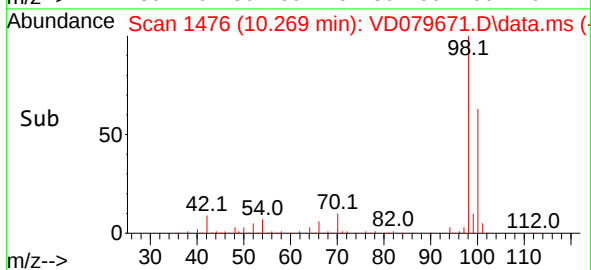
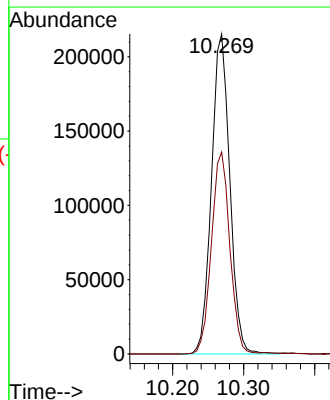
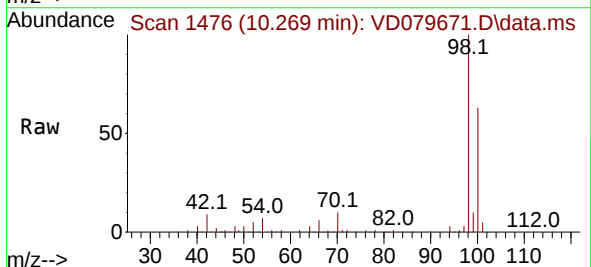
Instrument :
MSVOA_D
ClientSampleId :

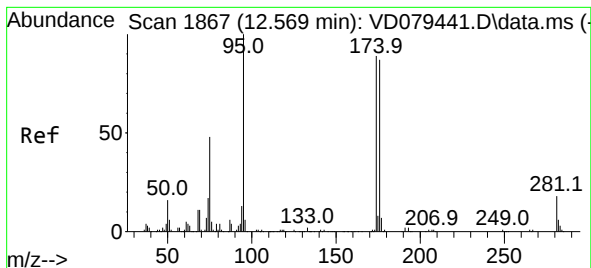
Tgt Ion:130 Resp: 54811
Ion Ratio Lower Upper
130 100
95 89.5 0.0 177.8



#50
Toluene-d8
Concen: 39.462 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 98 Resp: 385486
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4

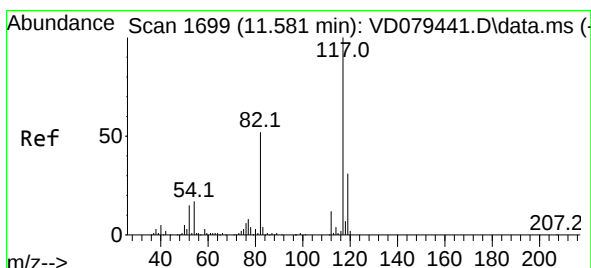
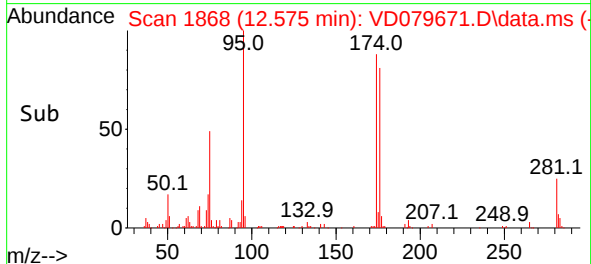
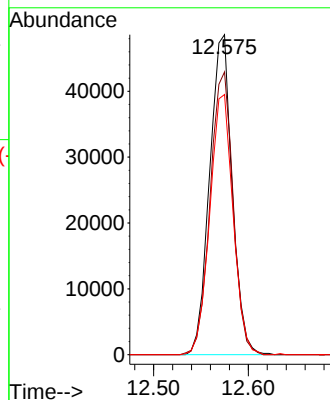
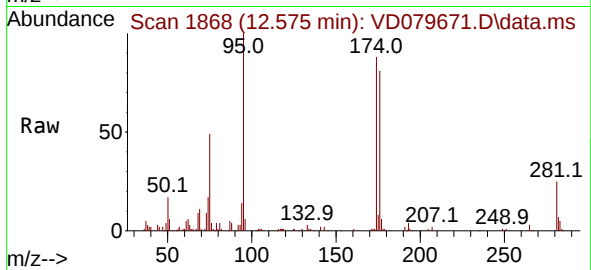




#62
4-Bromofluorobenzene
Concen: 28.383 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

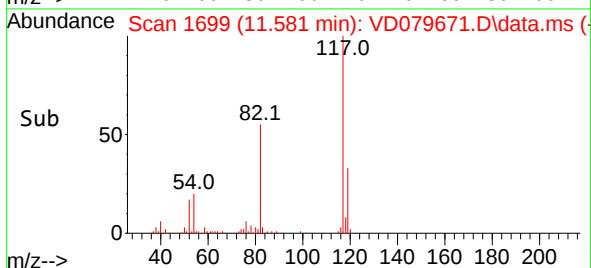
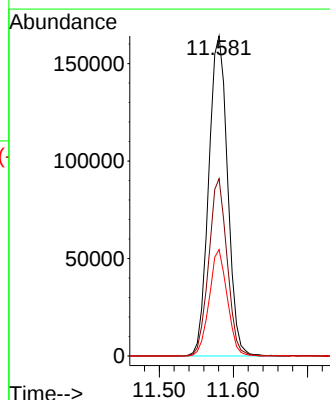
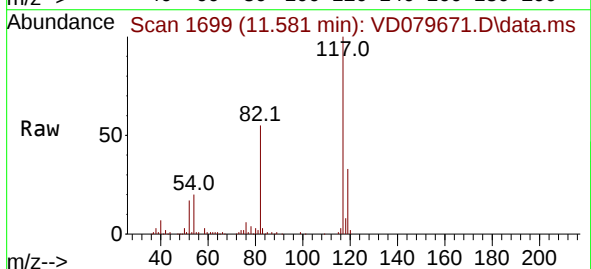
Instrument :
MSVOA_D
ClientSampleId :

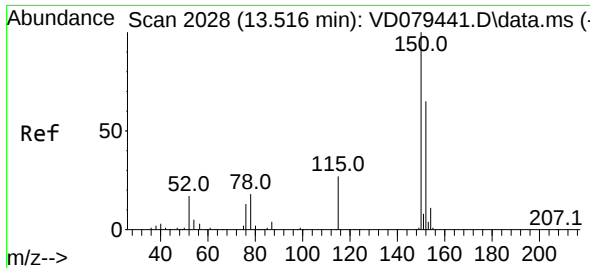
Tgt Ion: 95 Resp: 80236
Ion Ratio Lower Upper
95 100
174 89.9 0.0 195.4
176 83.9 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 117 Resp: 290517
Ion Ratio Lower Upper
117 100
82 55.4 39.8 59.6
119 33.3 25.7 38.5

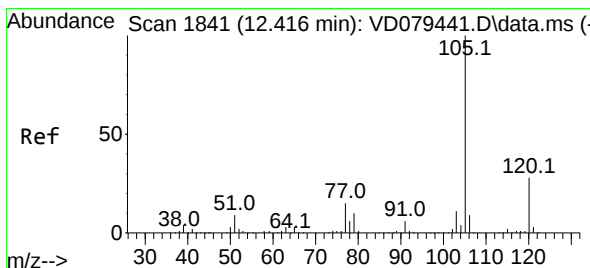
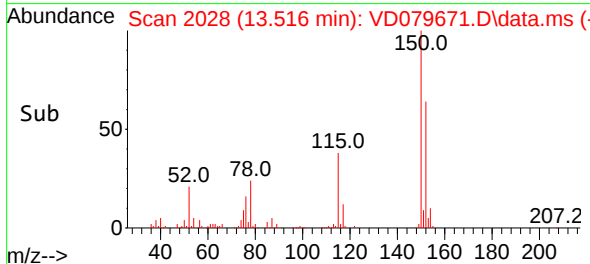
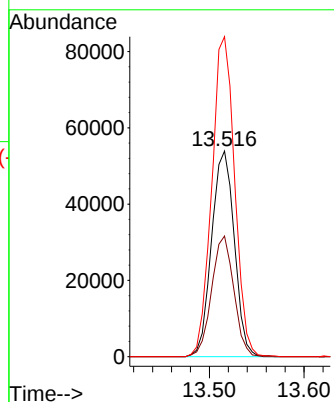
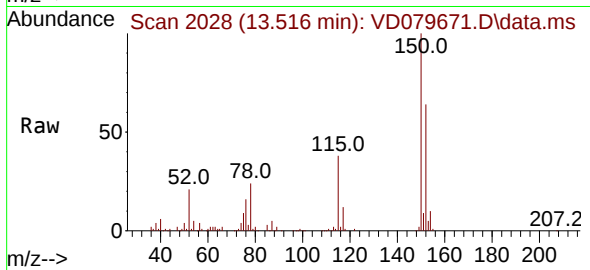




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

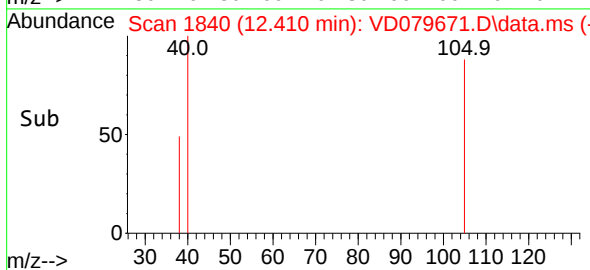
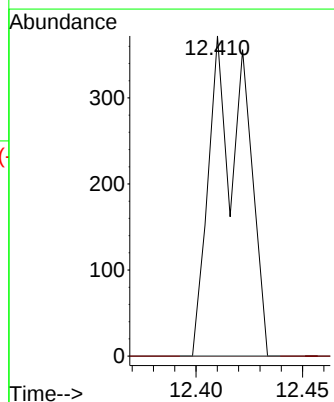
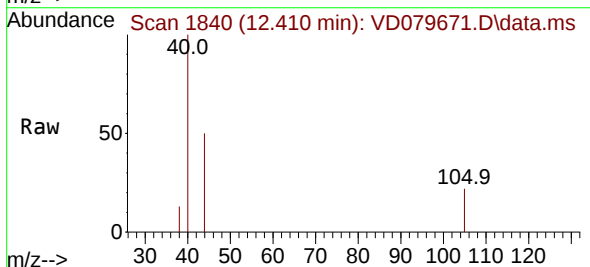
Instrument :
MSVOA_D
ClientSampleId :

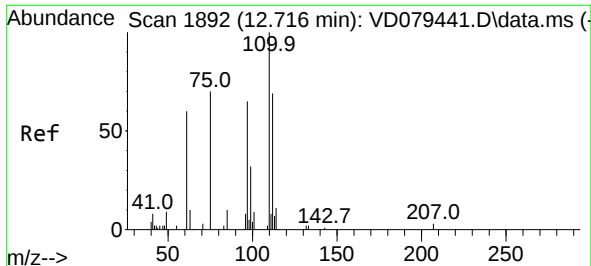
Tgt Ion:152 Resp: 90136
Ion Ratio Lower Upper
152 100
115 57.3 26.5 79.5
150 156.4 0.0 341.6



#73
Isopropylbenzene
Concen: 3.687 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. -0.006 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion:105 Resp: 430
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.7#

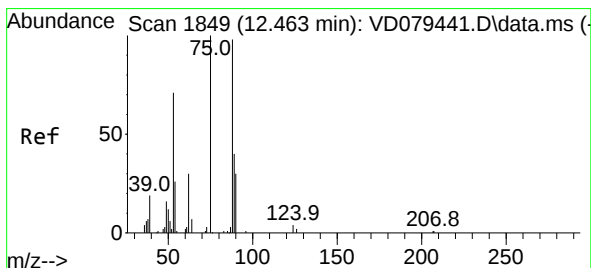
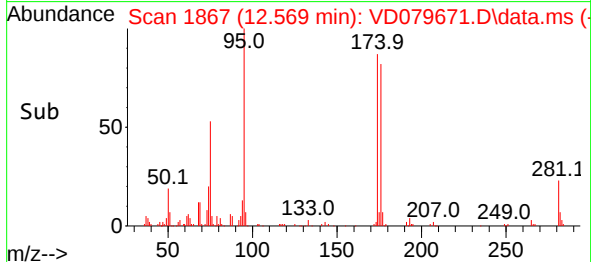
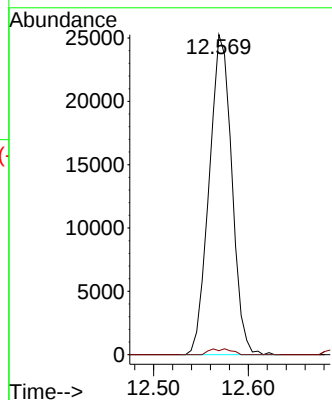
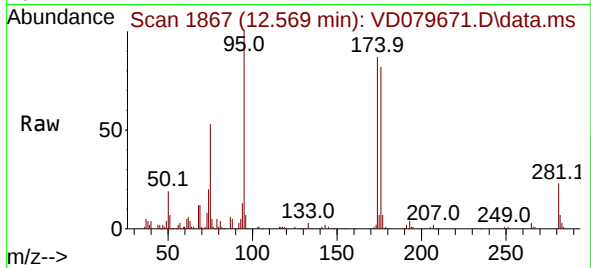




#76
1,2,3-Trichloropropane
Concen: 53.096 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

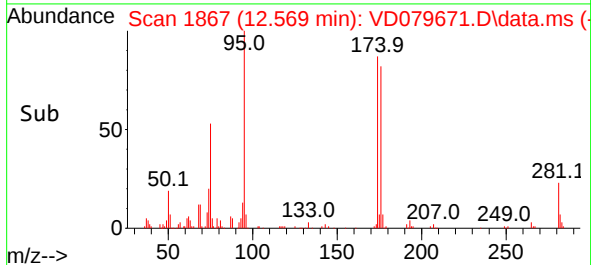
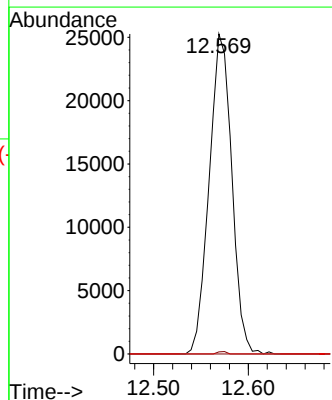
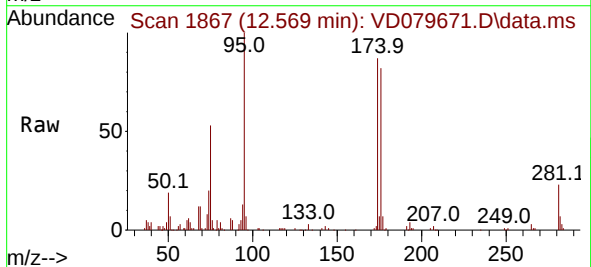
Instrument :
MSVOA_D
ClientSampleId :

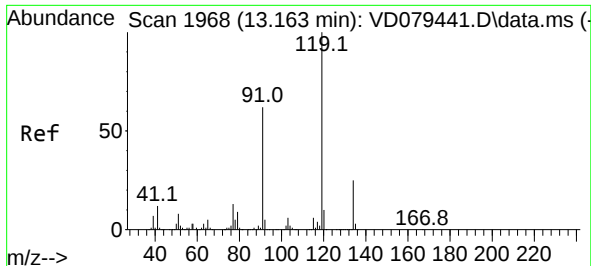
Tgt Ion: 75 Resp: 41833
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.268 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 75 Resp: 41833
Ion Ratio Lower Upper
75 100
53 0.3 61.4 92.2#
89 0.0 35.4 53.0#

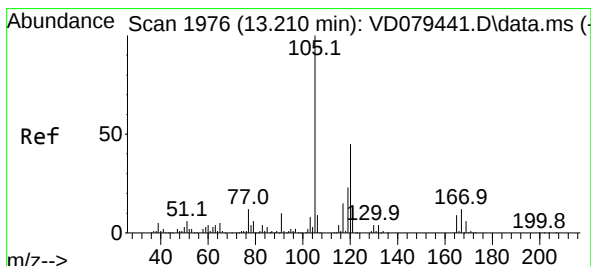
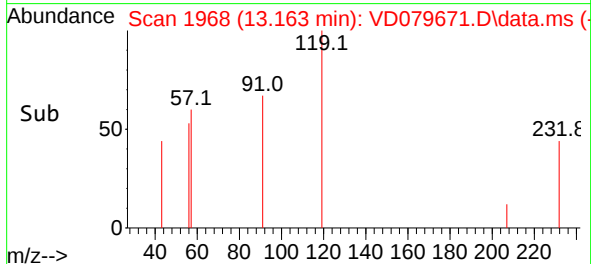
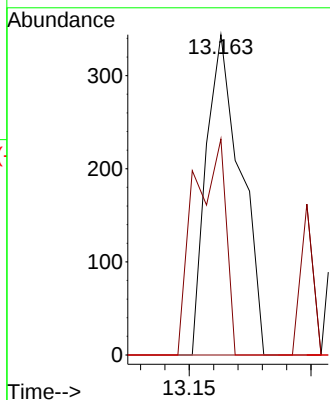
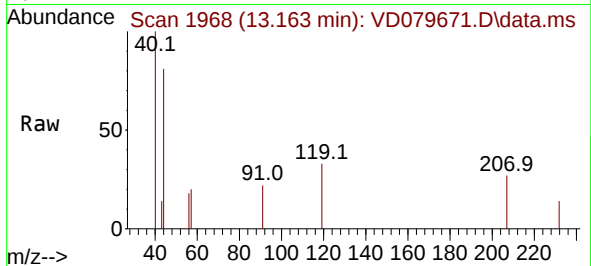




#83
tert-Butylbenzene
Concen: 3.692 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

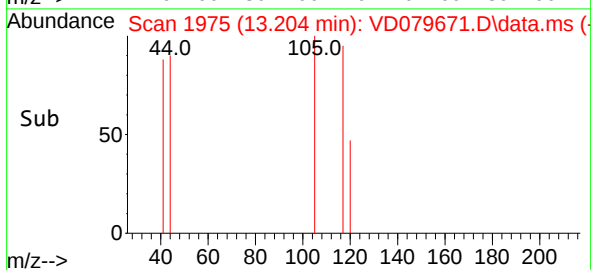
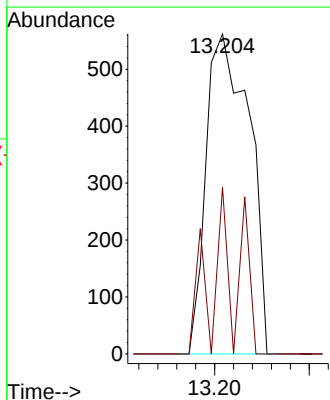
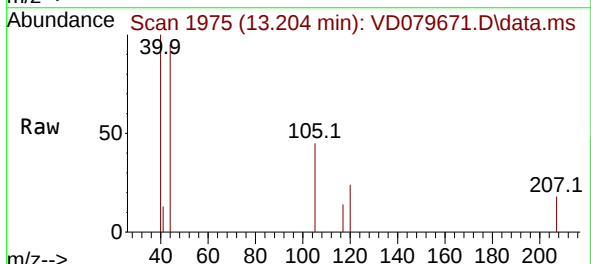
Instrument :
MSVOA_D
ClientSampleId :

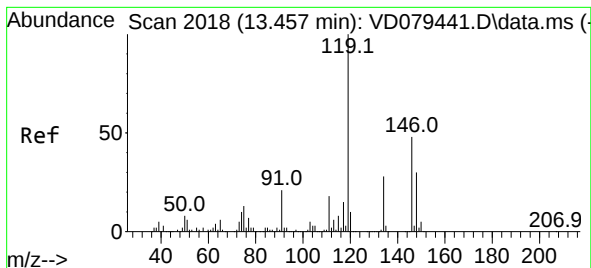
Tgt Ion:119 Resp: 337
Ion Ratio Lower Upper
119 100
91 62.0 28.2 84.7
134 0.0 13.4 40.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.575 ug/l
RT: 13.204 min Scan# 1975
Delta R.T. 0.000 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion:105 Resp: 888
Ion Ratio Lower Upper
105 100
120 22.6 23.6 71.0#

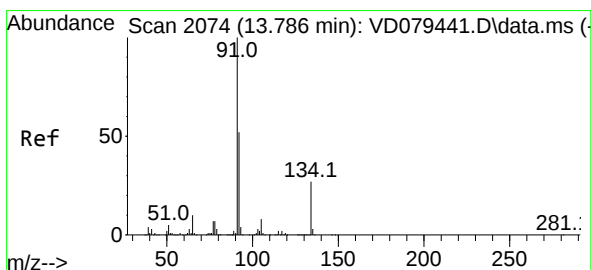
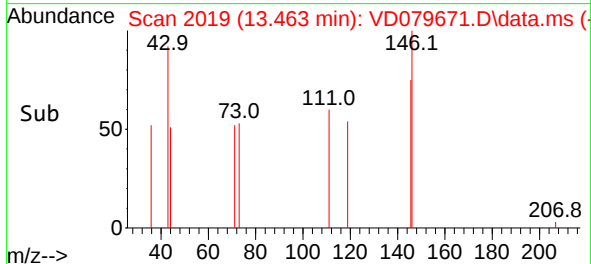
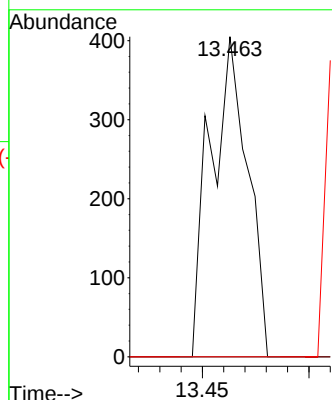
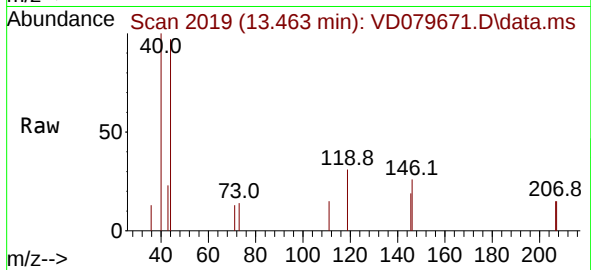




#86
p-Isopropyltoluene
Concen: 3.958 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:119 Resp: 491
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#



#89
n-Butylbenzene
Concen: 3.930 ug/l
RT: 13.792 min Scan# 2075
Delta R.T. 0.011 min
Lab File: VD079671.D
Acq: 08 Aug 2024 17:08

Tgt Ion: 91 Resp: 930
Ion Ratio Lower Upper
91 100
92 34.2 25.7 77.0
134 0.0 13.6 40.8#

