

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073124\
 Data File : VD079494.D
 Acq On : 31 Jul 2024 14:06
 Operator : RP/MD
 Sample : P3376-01
 Misc : 4.85G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 16:02:34 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)

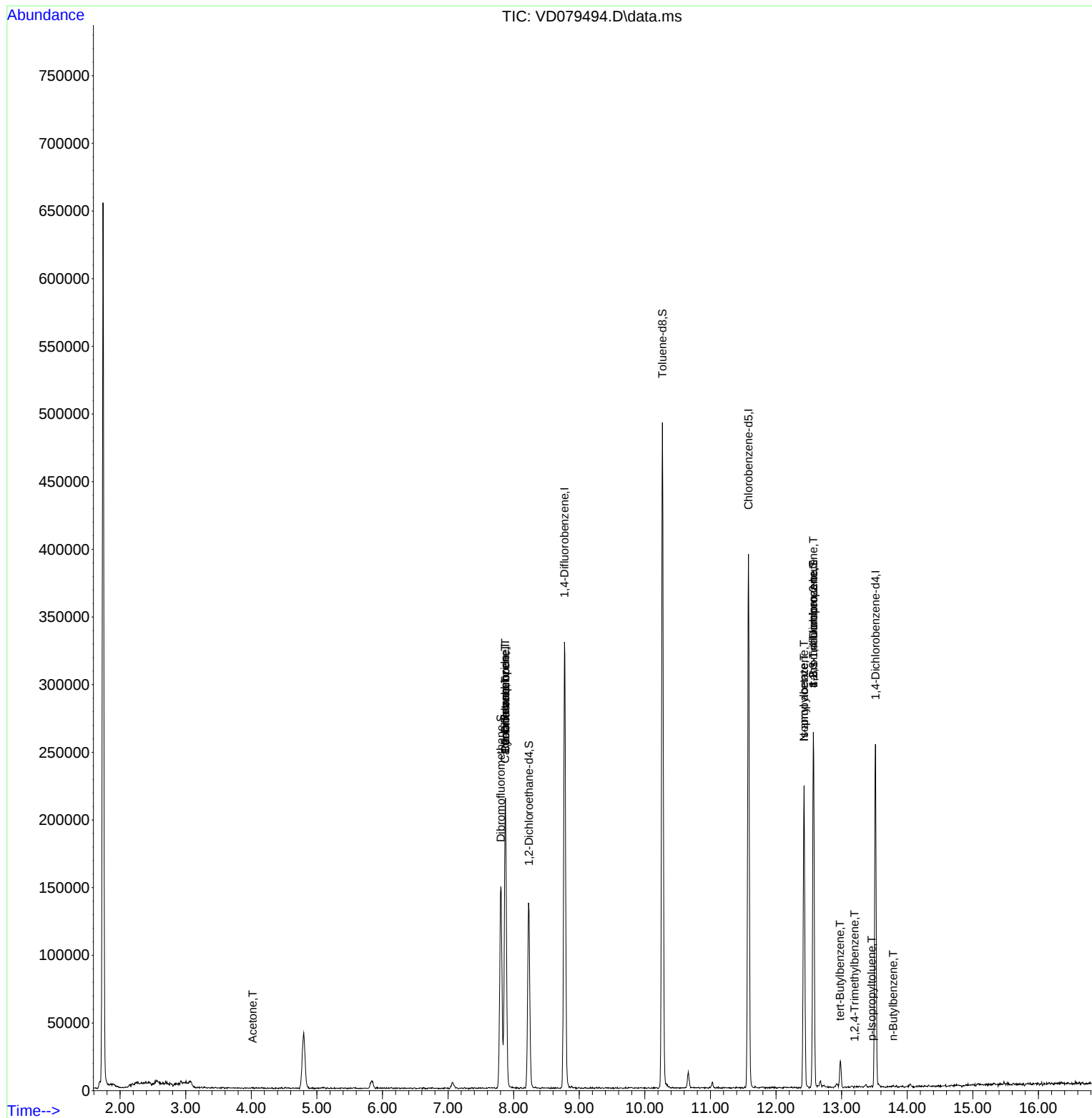
Internal Standards						
1) Pentafluorobenzene	7.875	168	171812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	302178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	72084	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	106276	60.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.780%	
35) Dibromofluoromethane	7.804	113	111182	54.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.269	98	349272	43.975	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.940%	
62) 4-Bromofluorobenzene	12.569	95	82649	35.959	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	752	Below Cal	#	58
16) Acetone	4.022	43	503	1.483	ug/l #	37
20) Methylene Chloride	4.793	84	33147	Below Cal		92
31) Cyclohexane	7.875	56	3444	1.188	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12056	4.319	ug/l #	47
38) Carbon Tetrachloride	7.869	117	17129	5.837	ug/l #	18
73) Isopropylbenzene	12.428	105	10494	5.430	ug/l #	67
74) N-amyl acetate	12.428	43	4753	4.483	ug/l #	18
76) 1,2,3-Trichloropropane	12.569	75	40933	64.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	40933	123.904	ug/l #	19
83) tert-Butylbenzene	12.975	119	267	3.691	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.198	105	388	3.508	ug/l #	29
86) p-Isopropyltoluene	13.457	119	363	3.953	ug/l #	51
89) n-Butylbenzene	13.786	91	450	3.871	ug/l #	34

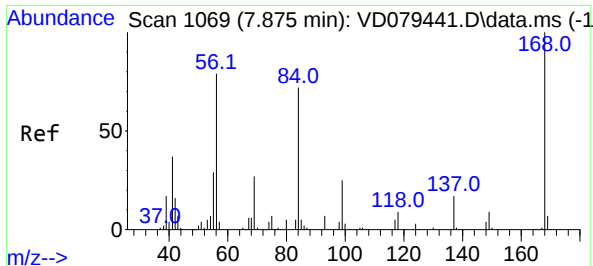
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079494.D
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Operator : RP/MD
Sample : P3376-01
Misc : 4.85G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

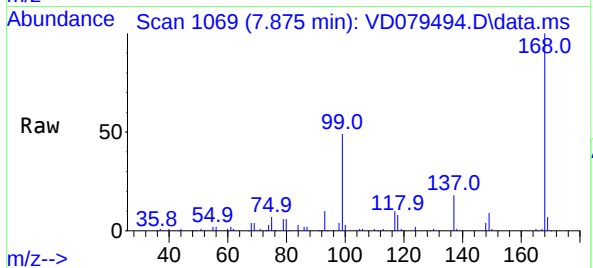
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



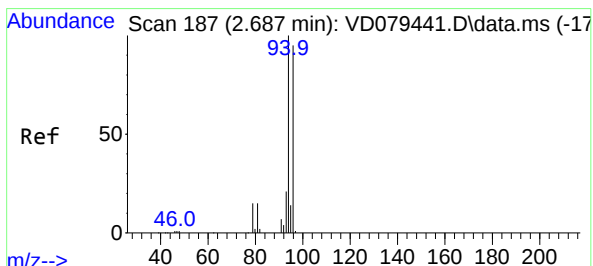
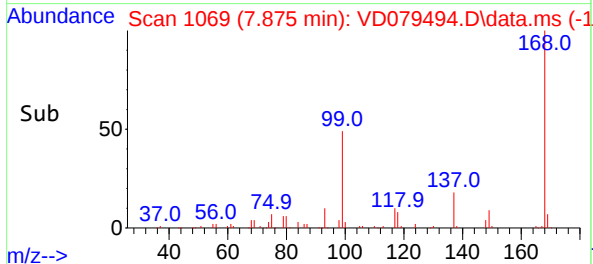
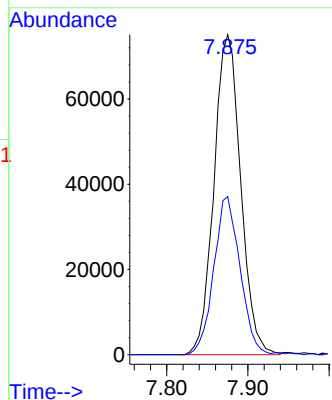


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

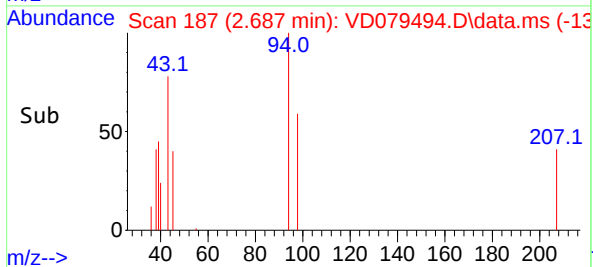
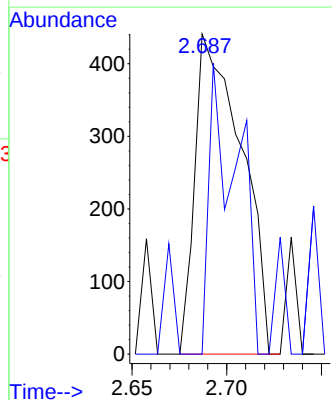
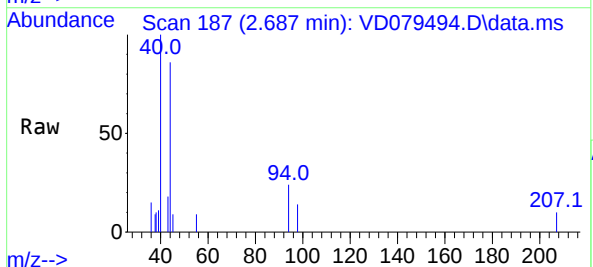


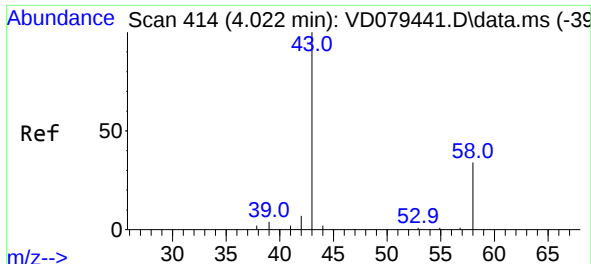
Tgt Ion:168 Resp: 171812
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 55.3 76.9 115.3#

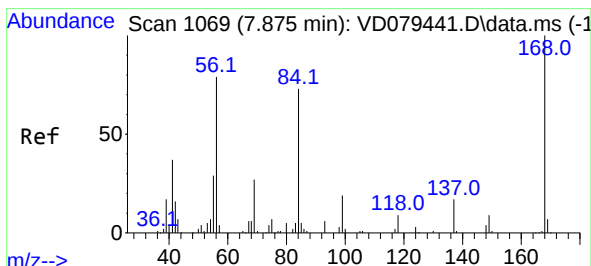
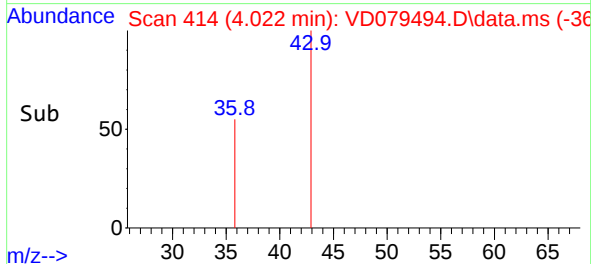
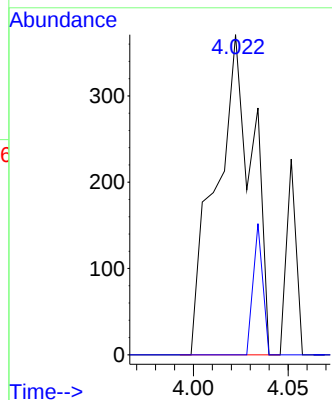
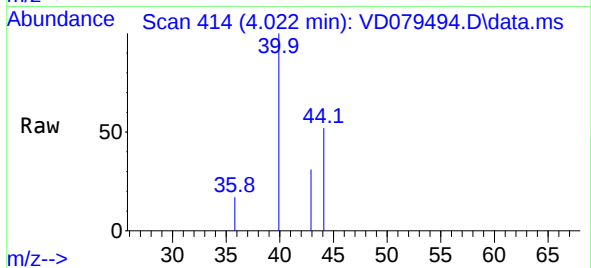




#16
Acetone
Concen: 1.483 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

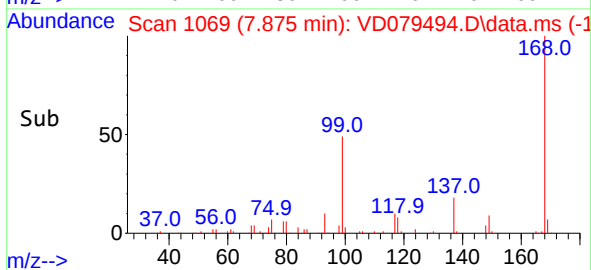
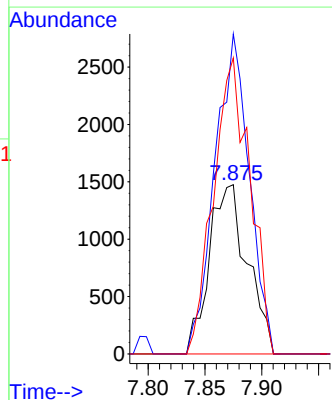
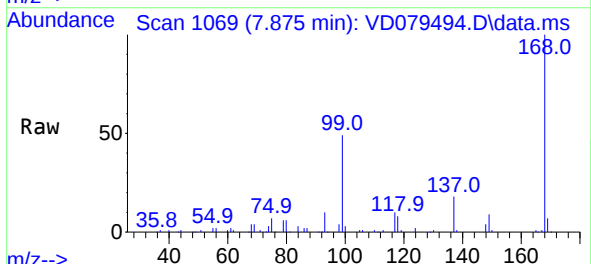
Instrument :
MSVOA_D
ClientSampleId :

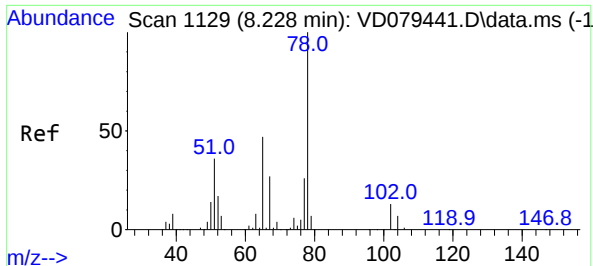
Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 56 Resp: 3444
Ion Ratio Lower Upper
56 100
69 189.1 28.0 42.0#
84 174.9 87.4 131.0#

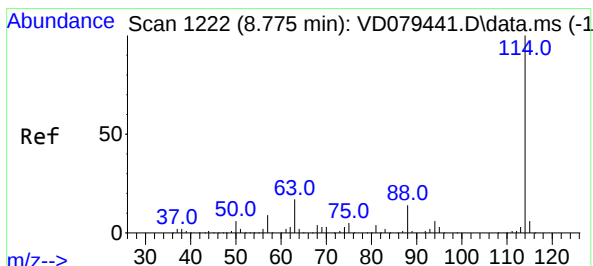
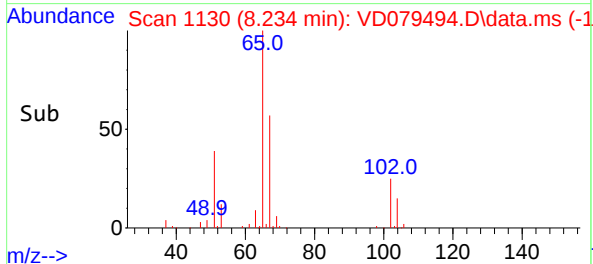
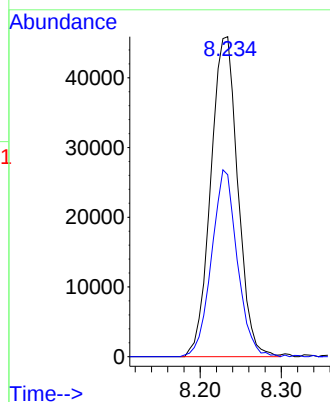
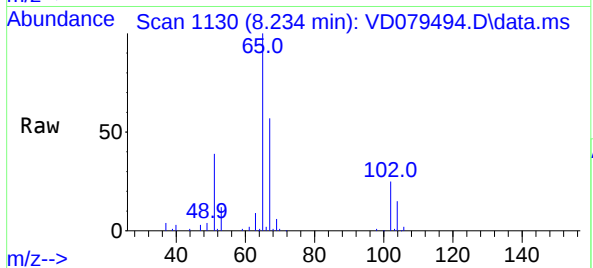




#33
1,2-Dichloroethane-d4
Concen: 60.888 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

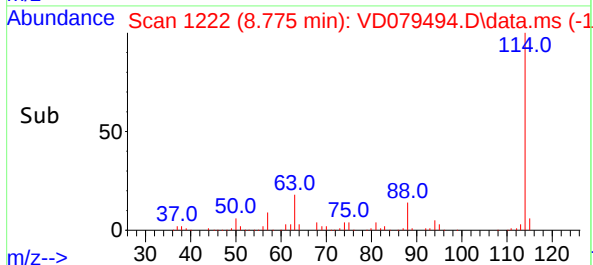
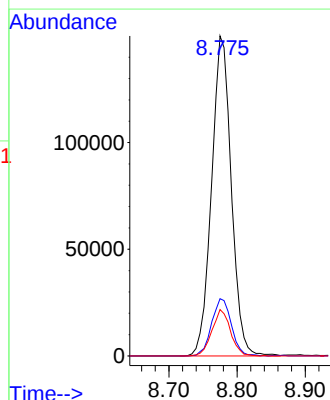
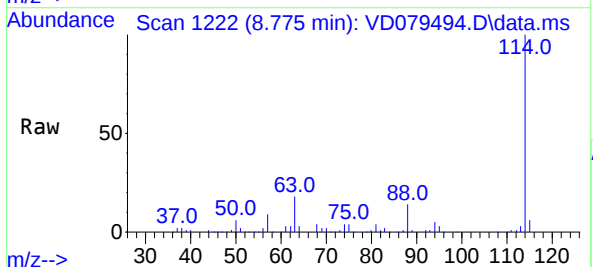
Instrument :
MSVOA_D
ClientSampleId :

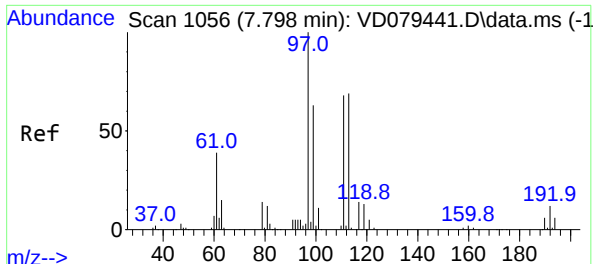
Tgt Ion: 65 Resp: 106276
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

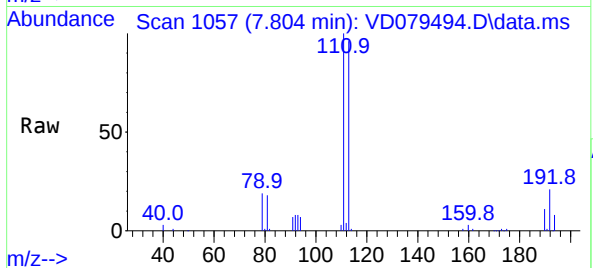
Tgt Ion: 114 Resp: 302178
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 14.5 0.0 27.2



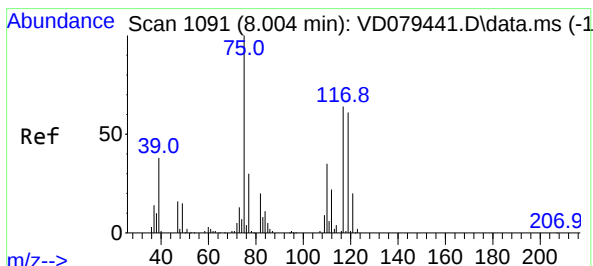
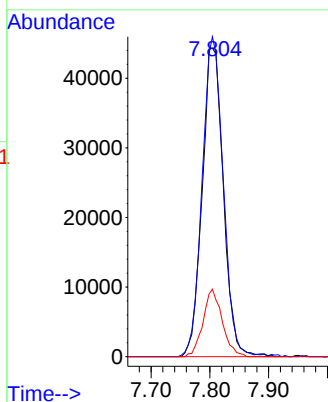
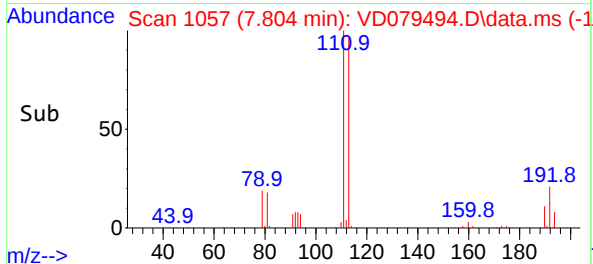


#35
Dibromofluoromethane
Concen: 54.360 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

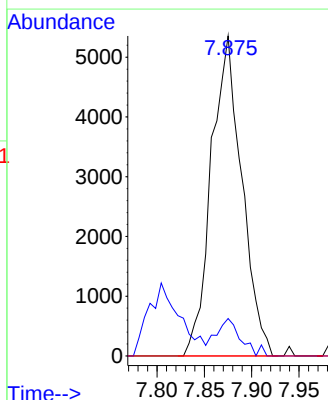
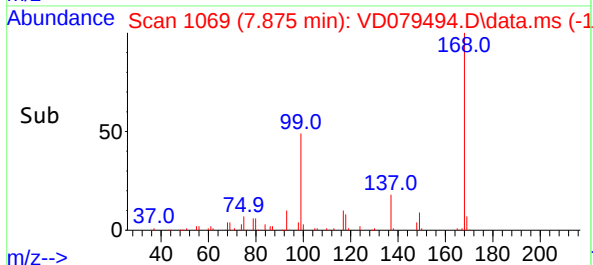
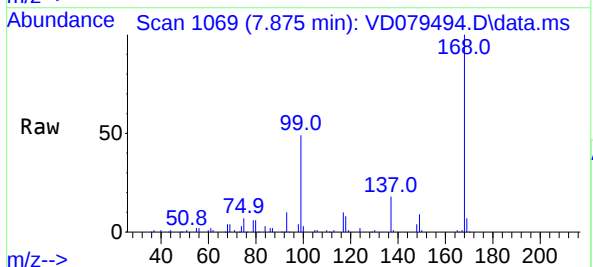


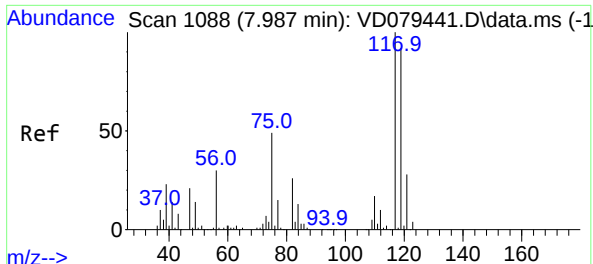
Tgt Ion:113 Resp: 111182
Ion Ratio Lower Upper
113 100
111 102.4 84.0 126.0
192 19.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.319 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

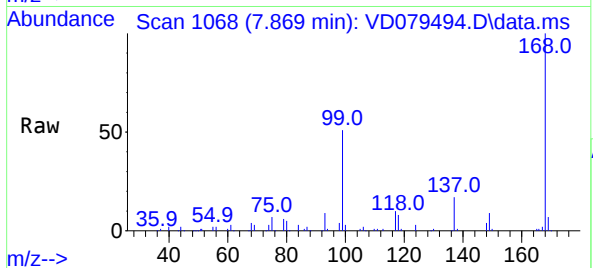
Tgt Ion: 75 Resp: 12056
Ion Ratio Lower Upper
75 100
110 9.5 19.6 58.7#
77 0.0 26.1 39.1#



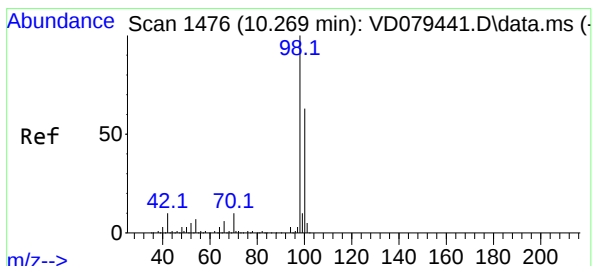
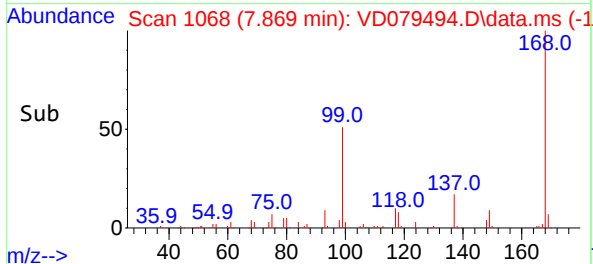
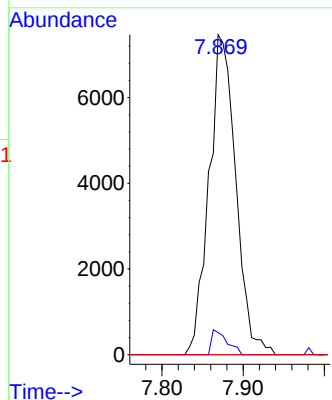


#38
Carbon Tetrachloride
Concen: 5.837 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

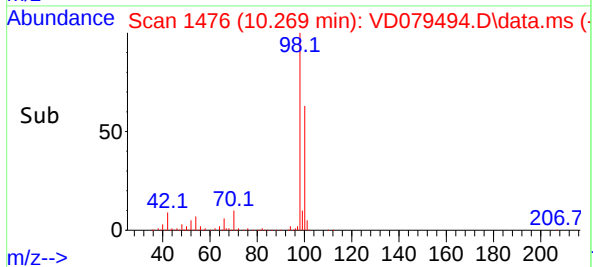
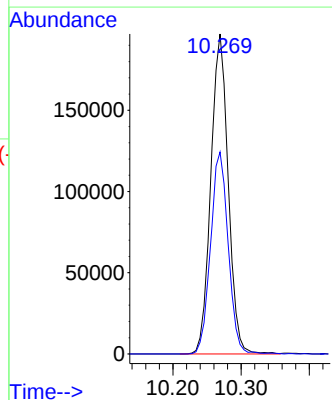
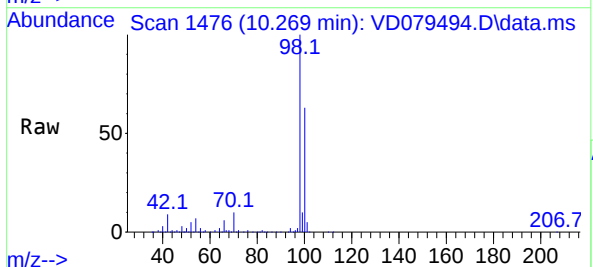


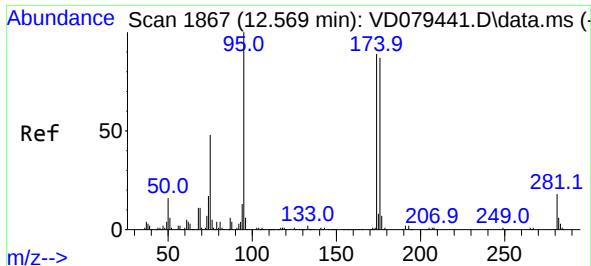
Tgt Ion:117 Resp: 17129
Ion Ratio Lower Upper
117 100
119 6.9 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 43.975 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 98 Resp: 349272
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4



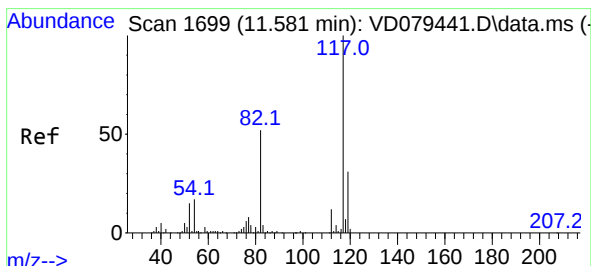
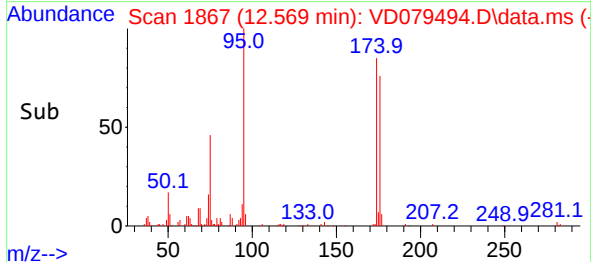
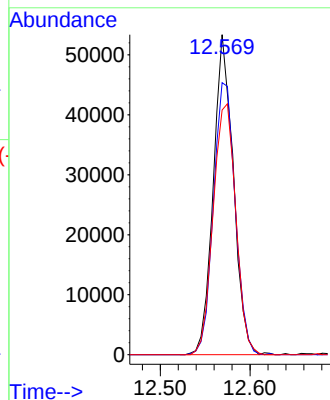
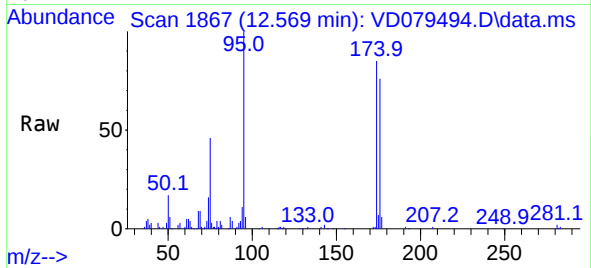


#62
4-Bromofluorobenzene
Concen: 35.959 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 82649

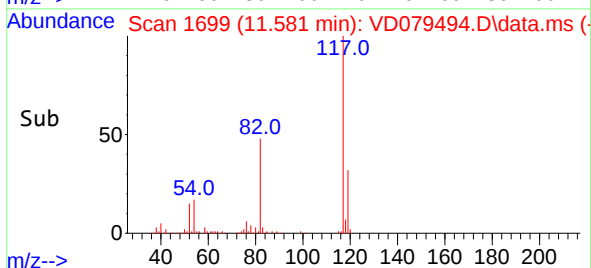
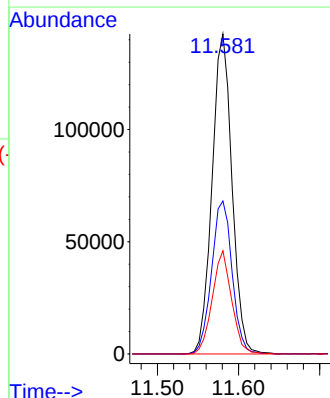
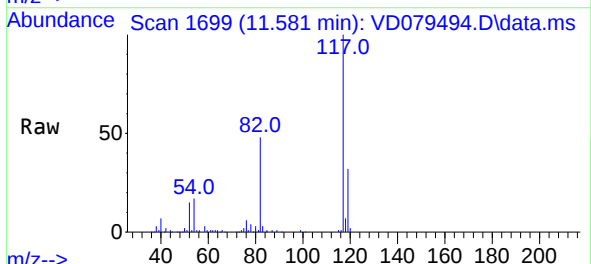
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	195.4
176	88.6	0.0	192.6

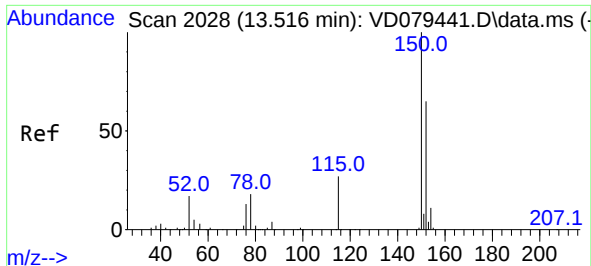


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 117 Resp: 243241

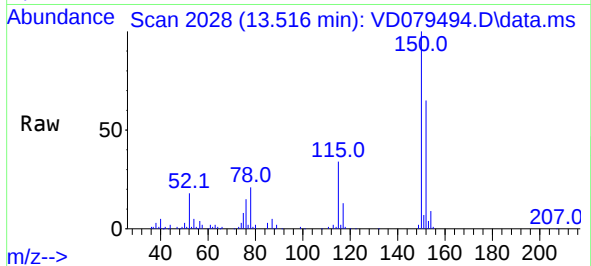
Ion	Ratio	Lower	Upper
117	100		
82	47.8	39.8	59.6
119	32.3	25.7	38.5



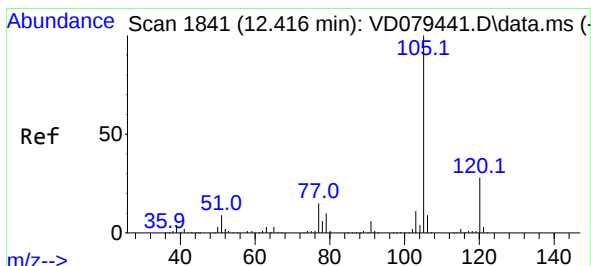
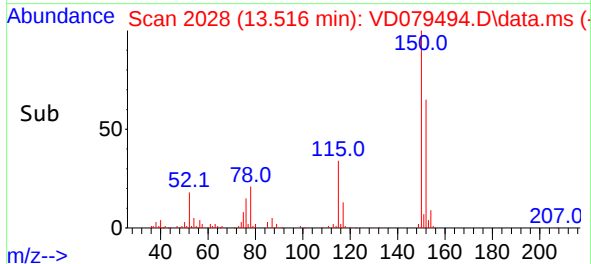
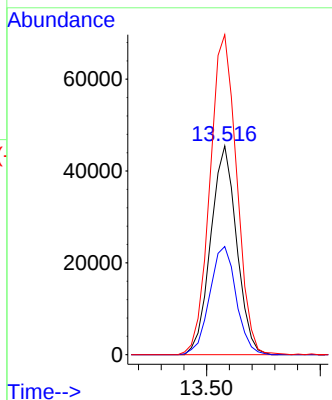


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

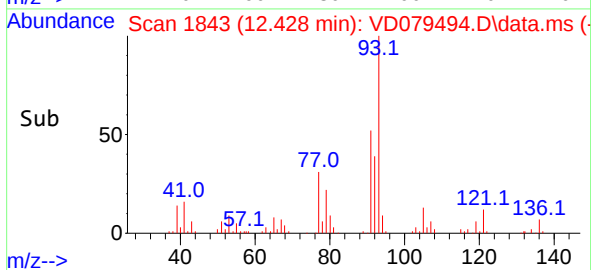
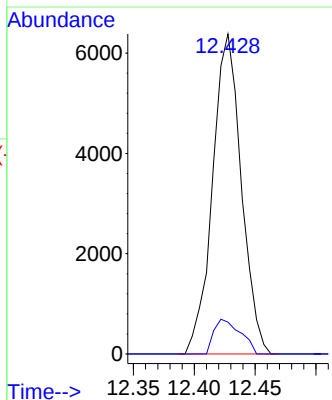
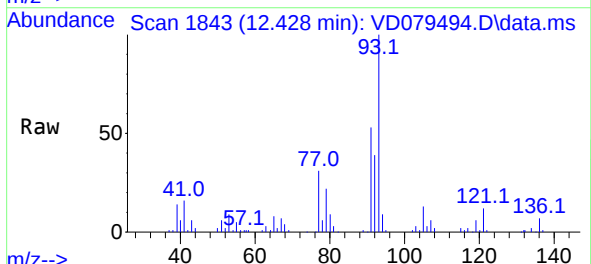


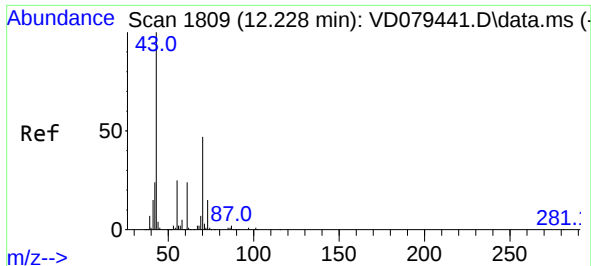
Tgt Ion:152 Resp: 72084
Ion Ratio Lower Upper
152 100
115 53.1 26.5 79.5
150 158.2 0.0 341.6



#73
Isopropylbenzene
Concen: 5.430 ug/l
RT: 12.428 min Scan# 1843
Delta R.T. 0.012 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

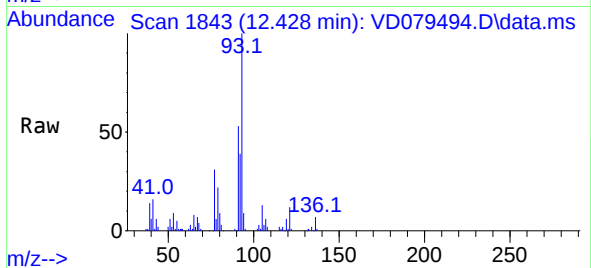
Tgt Ion:105 Resp: 10494
Ion Ratio Lower Upper
105 100
120 10.0 13.6 40.7#



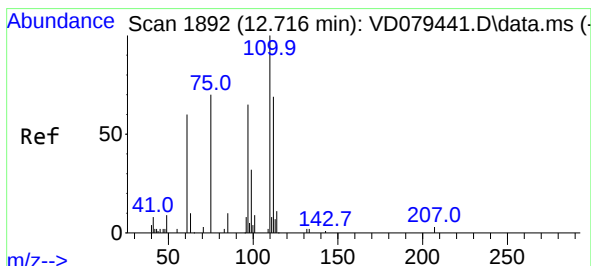
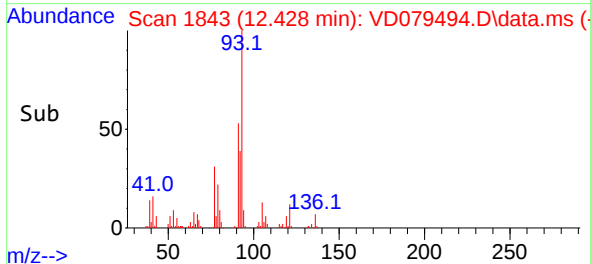
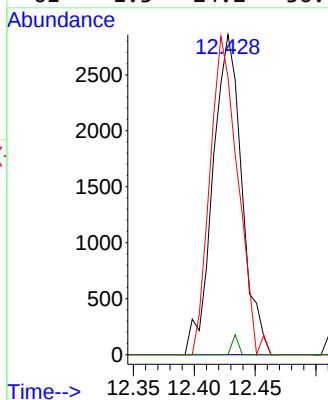


#74
N-amy1 acetate
Concen: 4.483 ug/l
RT: 12.428 min Scan# 1867
Delta R.T. 0.194 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :

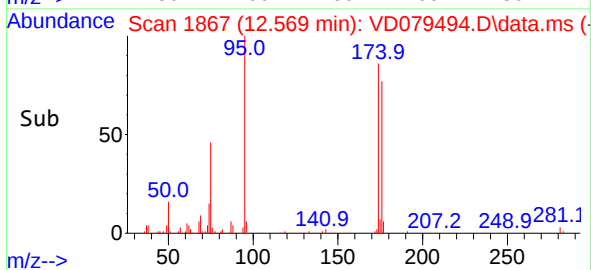
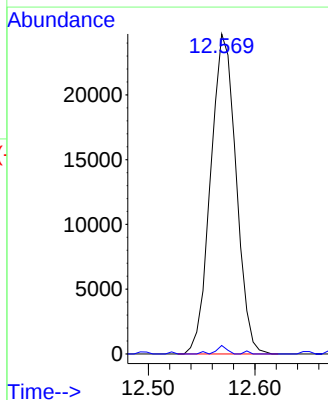
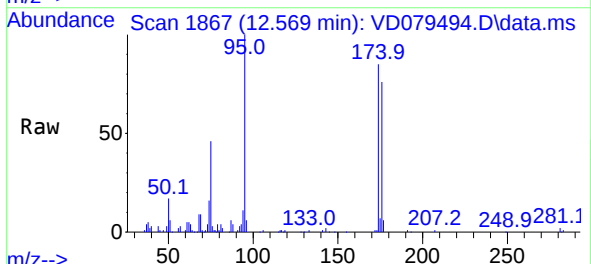


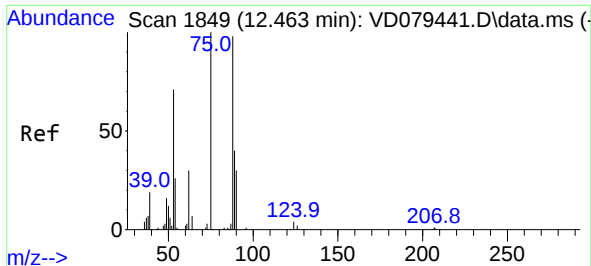
Tgt Ion: 43 Resp: 4753
Ion Ratio Lower Upper
43 100
70 0.0 44.3 66.5#
55 95.2 23.2 34.8#
61 1.3 24.2 36.4#



#76
1,2,3-Trichloropropane
Concen: 64.964 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 75 Resp: 40933
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

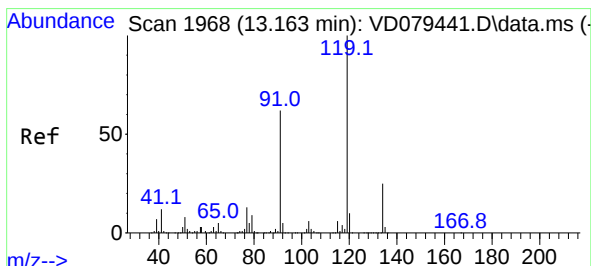
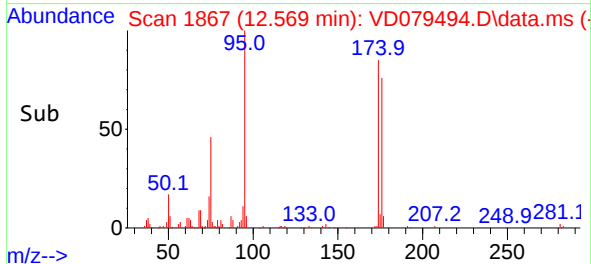
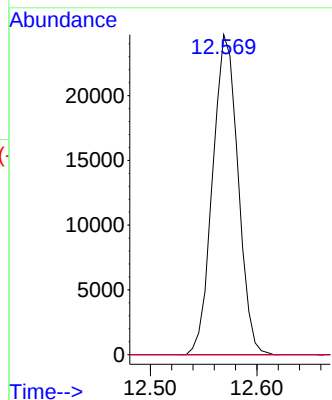
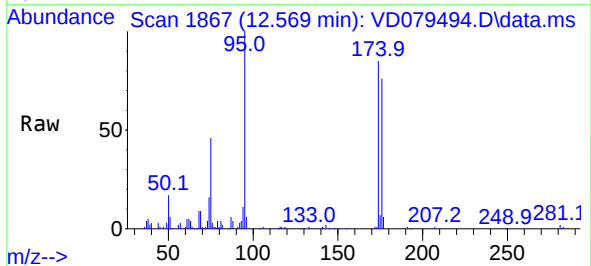




#81
trans-1,4-Dichloro-2-butene
Concen: 123.904 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

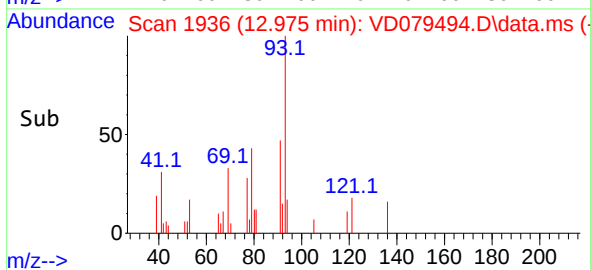
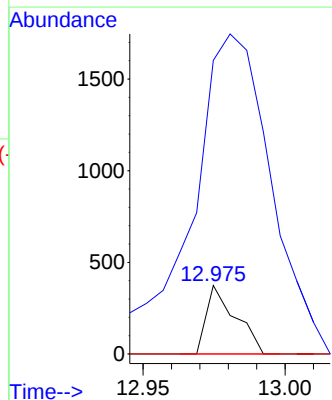
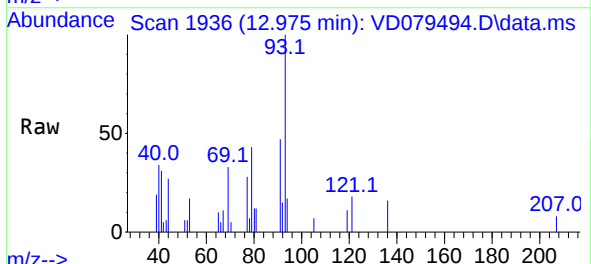
Instrument :
MSVOA_D
ClientSampleId :

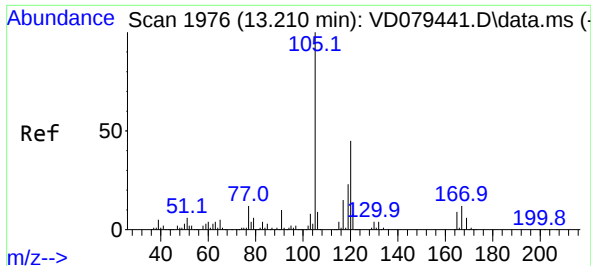
Tgt Ion: 75 Resp: 40933
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#



#83
tert-Butylbenzene
Concen: 3.691 ug/l
RT: 12.975 min Scan# 1936
Delta R.T. -0.188 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Tgt Ion: 119 Resp: 267
Ion Ratio Lower Upper
119 100
91 1307.5 28.2 84.7#
134 0.0 13.4 40.1#

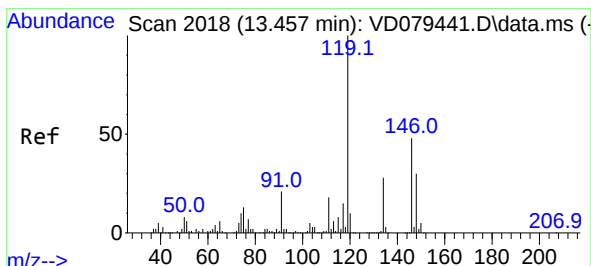
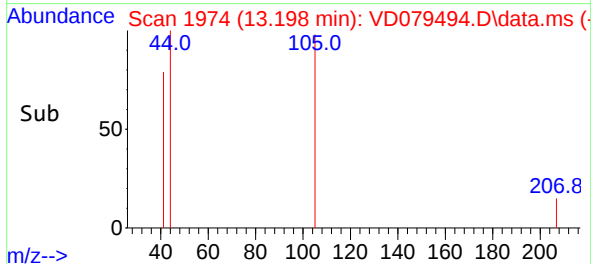
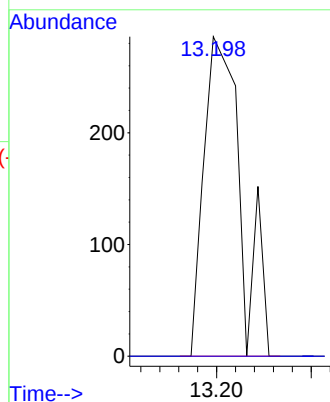
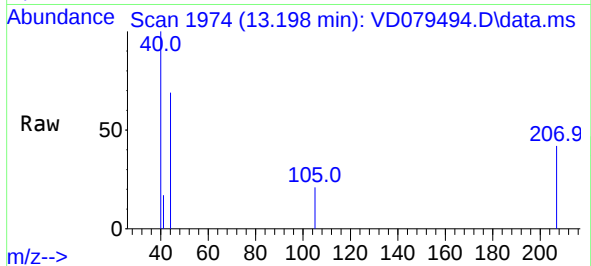




#84
1,2,4-Trimethylbenzene
Concen: 3.508 ug/l
RT: 13.198 min Scan# 1974
Delta R.T. -0.006 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

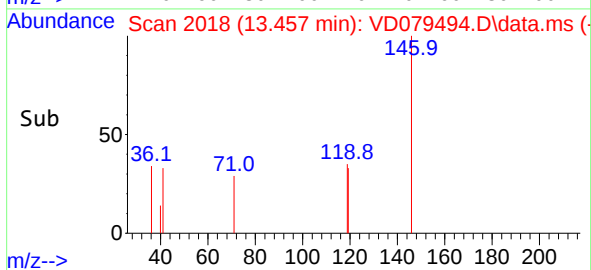
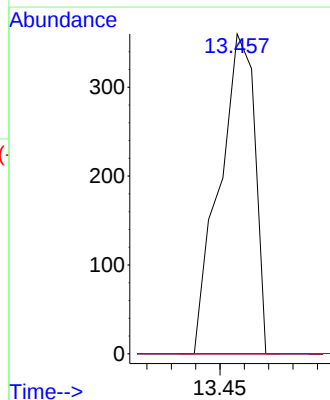
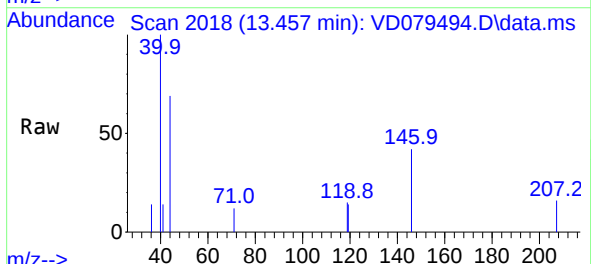
Instrument :
MSVOA_D
ClientSampleId :

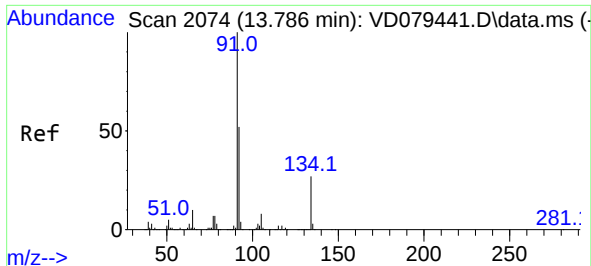
Tgt Ion:105 Resp: 388
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#86
p-Isopropyltoluene
Concen: 3.953 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

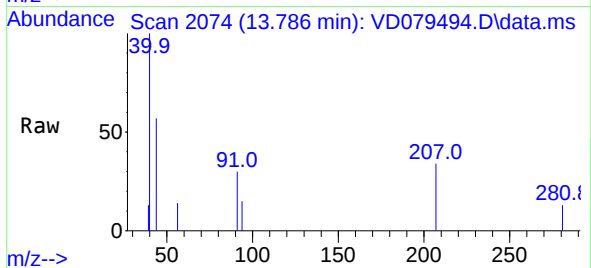
Tgt Ion:119 Resp: 363
Ion Ratio Lower Upper
119 100
134 0.0 13.7 41.1#
91 0.0 10.7 32.1#





#89
n-Butylbenzene
Concen: 3.871 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.005 min
Lab File: VD079494.D
Acq: 31 Jul 2024 14:06

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 91 Resp: 450
Ion Ratio Lower Upper
91 100
92 0.0 25.7 77.0#
134 0.0 13.6 40.8#

