

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074847.D
 Acq On : 10 Nov 2022 01:47
 Operator : VA/SY
 Sample : N5506-01
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 10 05:50:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

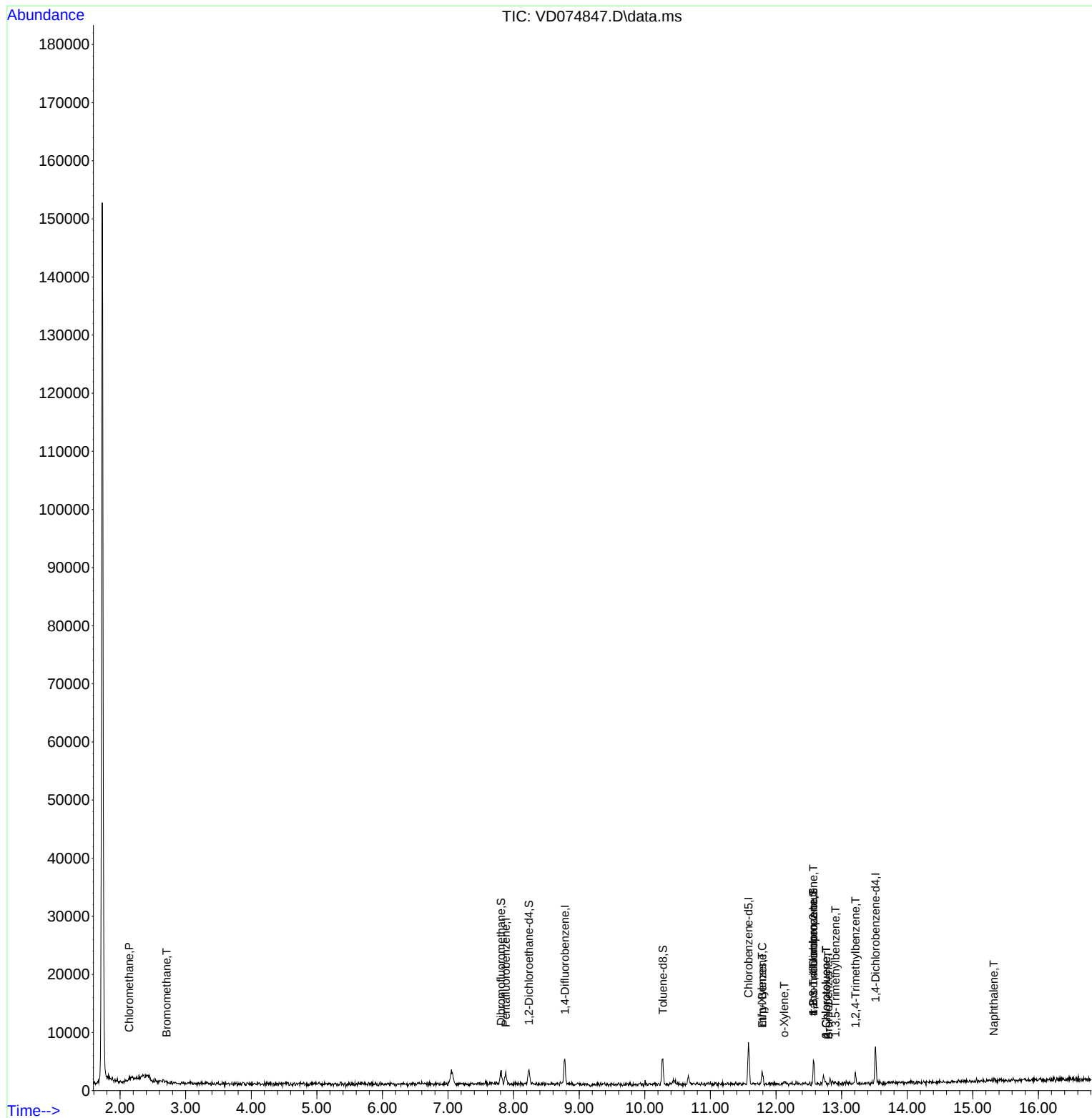
Internal Standards						
1) Pentafluorobenzene	7.881	168	2312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	5340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	5185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	2080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2275	124.239	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 248.480%#	
35) Dibromofluoromethane	7.811	113	1756	55.590	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.180%	
50) Toluene-d8	10.275	98	4170	36.190	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 72.380%	
62) 4-Bromofluorobenzene	12.569	95	1670	50.197	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	277	9.141	ug/l #	37
5) Bromomethane	2.711	94	53	2.105	ug/l #	30
67) Ethyl Benzene	11.793	91	1992	10.947	ug/l #	83
68) m/p-Xylenes	11.787	106	1109	15.351	ug/l	89
69) o-Xylene	12.128	106	136	2.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	782	48.498	ug/l #	1
77) Bromobenzene	12.798	156	63	1.800	ug/l #	1
79) 2-Chlorotoluene	12.763	91	129	1.316	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.904	105	287	2.315	ug/l #	57
81) trans-1,4-Dichloro-2-b...	12.569	75	782	115.123	ug/l #	17
82) 4-Chlorotoluene	12.763	91	129	1.265	ug/l #	37
84) 1,2,4-Trimethylbenzene	13.210	105	1476	12.065	ug/l	90
95) Naphthalene	15.322	128	645	8.801	ug/l #	69

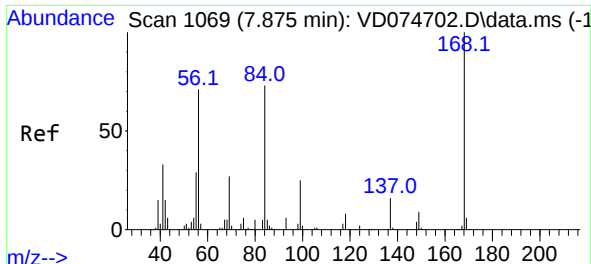
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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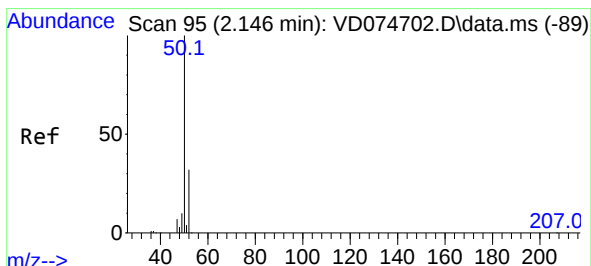
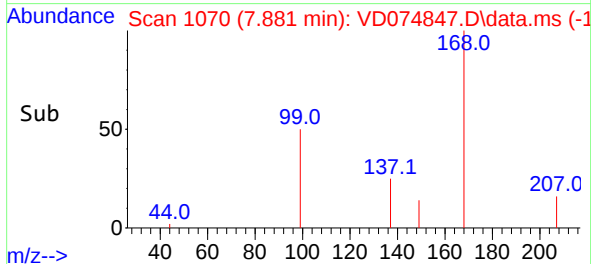
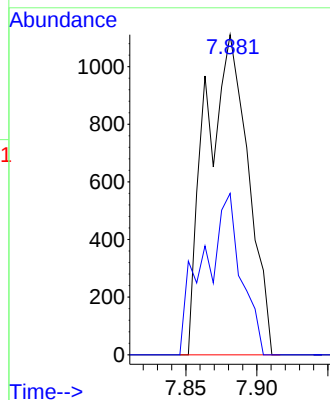
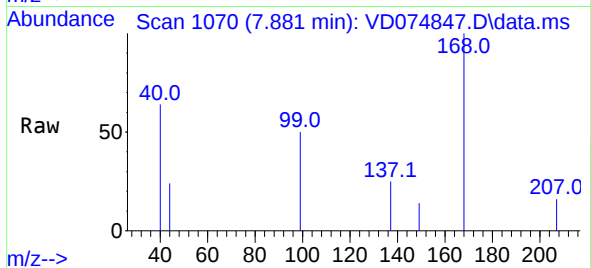




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

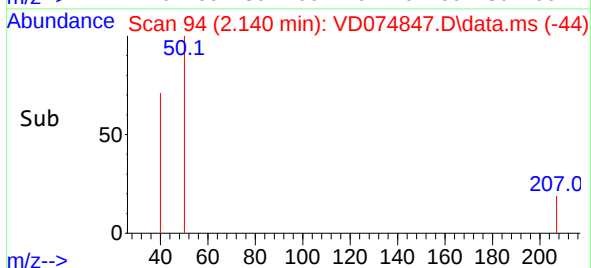
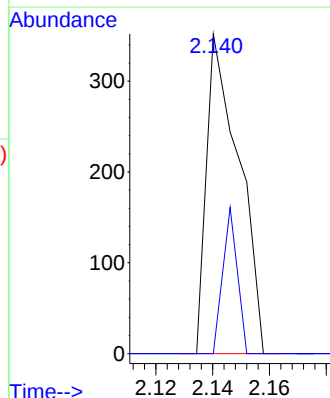
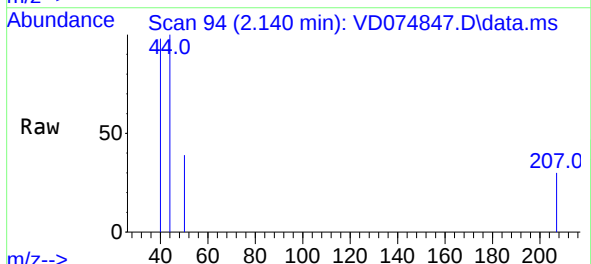
Instrument :
MSVOA_D
ClientSampleId :
TP-5

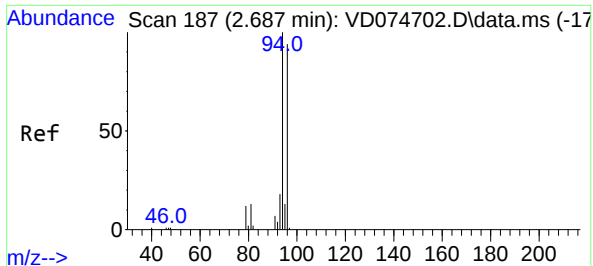
Tgt Ion:168 Resp: 2312
Ion Ratio Lower Upper
168 100
99 50.4 40.9 61.3



#3
Chloromethane
Concen: 9.141 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 50 Resp: 277
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

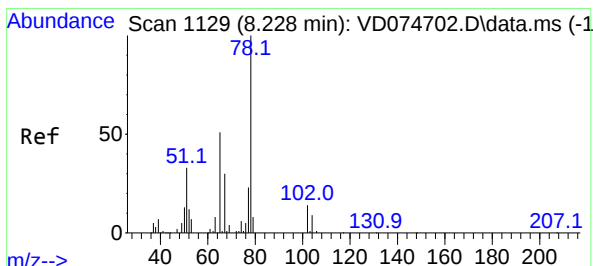
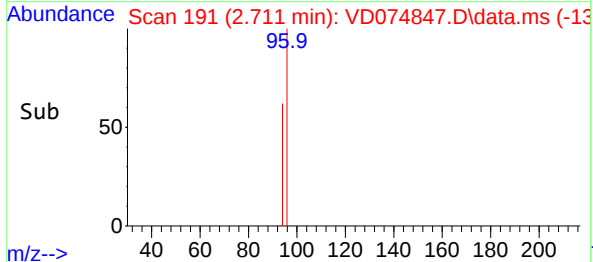
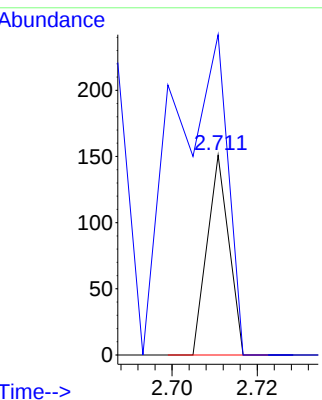
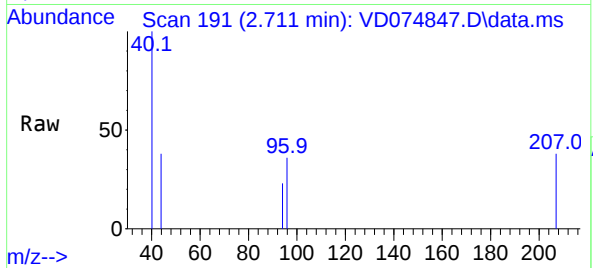




#5
Bromomethane
Concen: 2.105 ug/l
RT: 2.711 min Scan# 119
Delta R.T. 0.024 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

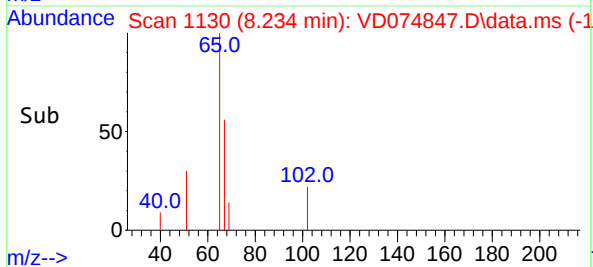
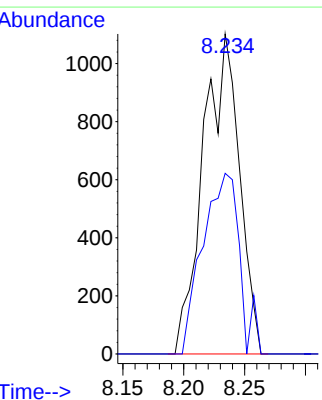
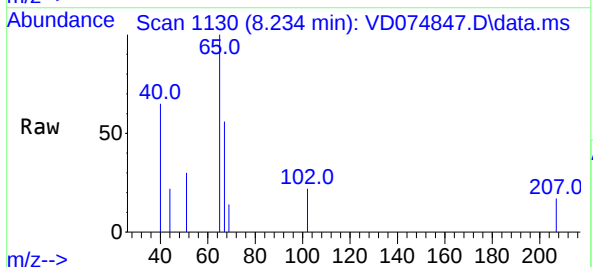
Instrument :
MSVOA_D
ClientSampleId :
TP-5

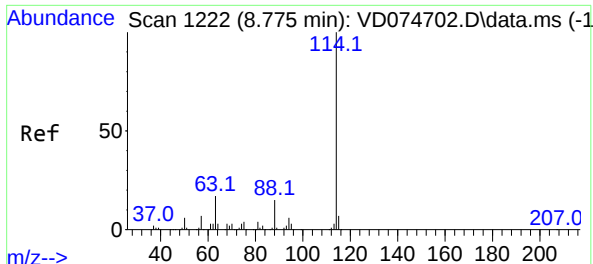
Tgt Ion: 94 Resp: 53
Ion Ratio Lower Upper
94 100
96 160.3 74.6 112.0#



#33
1,2-Dichloroethane-d4
Concen: 124.239 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 65 Resp: 2275
Ion Ratio Lower Upper
65 100
67 57.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074847.D

Acq: 10 Nov 2022 01:47

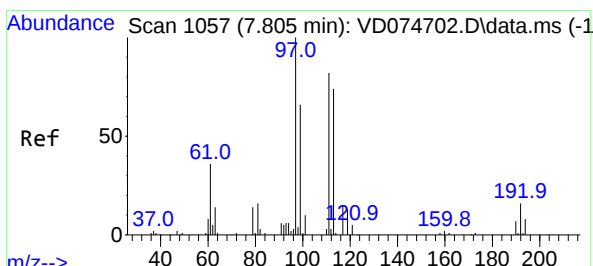
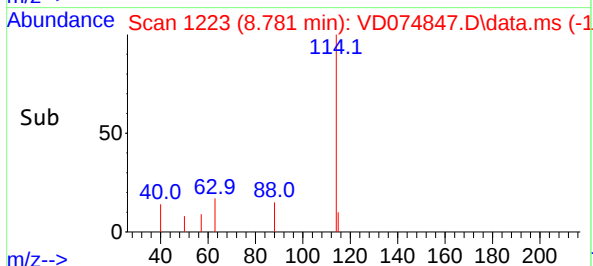
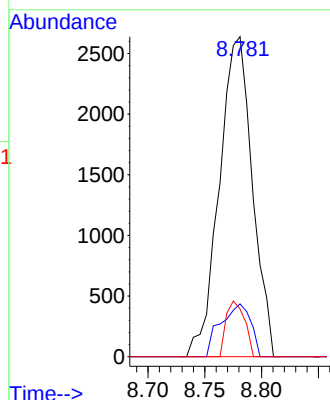
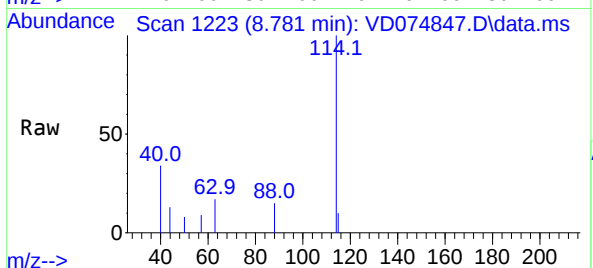
Instrument :

MSVOA_D

ClientSampleId :

TP-5

Tgt Ion:114	Resp:	5340
Ion	Ratio	Lower Upper
114	100	
63	16.5	0.0 33.2
88	14.9	0.0 28.2



#35

Dibromofluoromethane

Concen: 55.590 ug/l

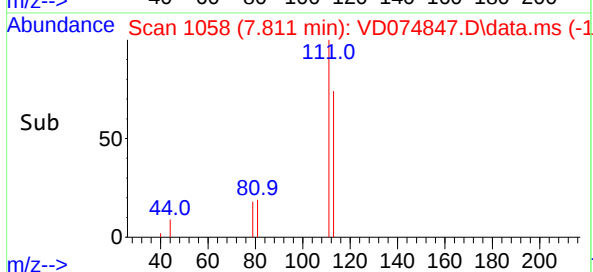
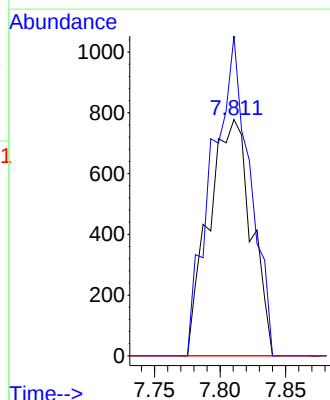
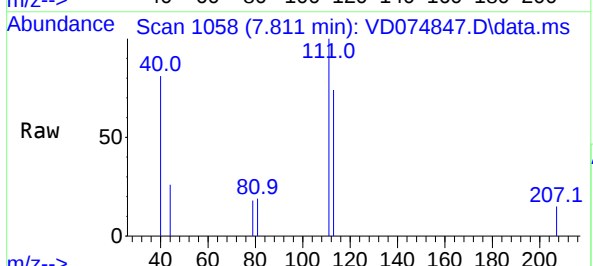
RT: 7.811 min Scan# 1058

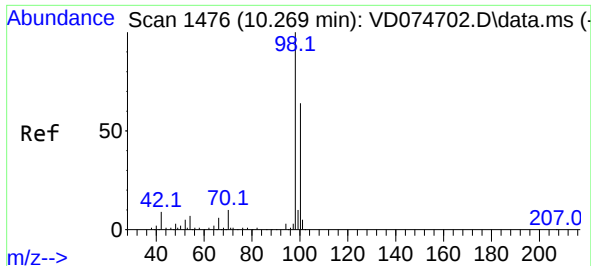
Delta R.T. 0.006 min

Lab File: VD074847.D

Acq: 10 Nov 2022 01:47

Tgt Ion:113	Resp:	1756
Ion	Ratio	Lower Upper
113	100	
111	120.6	82.3 123.5
192	0.0	16.4 24.6

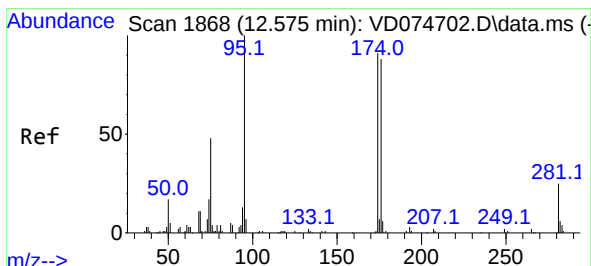
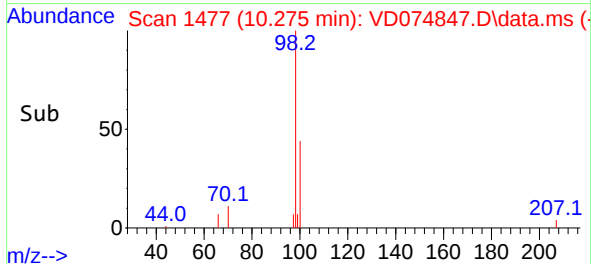
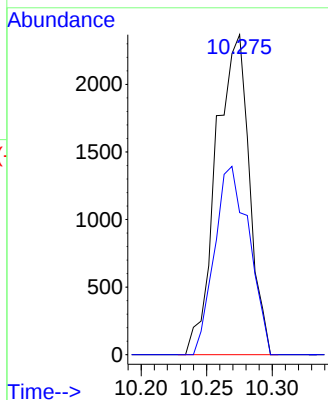
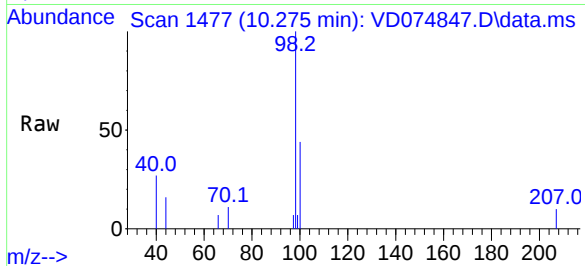




#50
Toluene-d8
Concen: 36.190 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

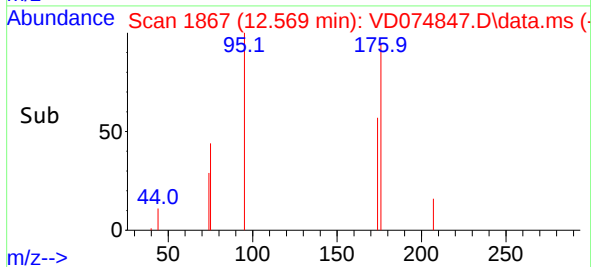
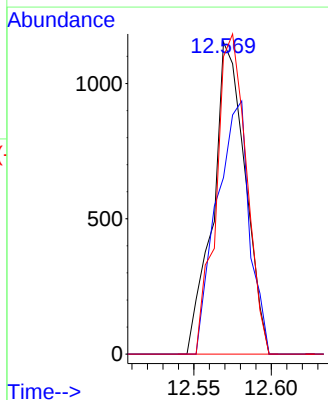
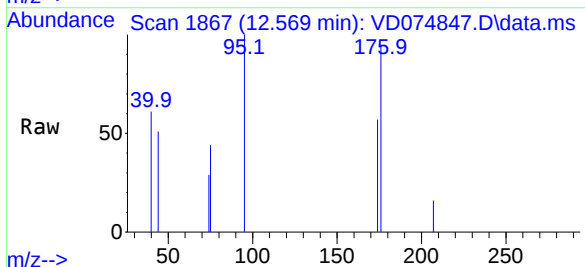
Instrument :
MSVOA_D
ClientSampleId :
TP-5

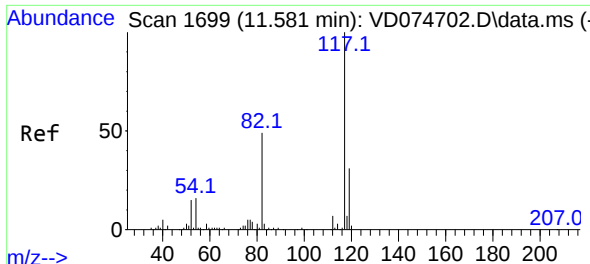
Tgt Ion: 98 Resp: 4170
Ion Ratio Lower Upper
98 100
100 61.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.197 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 95 Resp: 1670
Ion Ratio Lower Upper
95 100
174 81.9 0.0 197.0
176 96.3 0.0 182.6

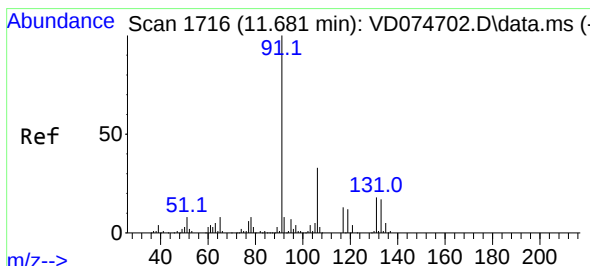
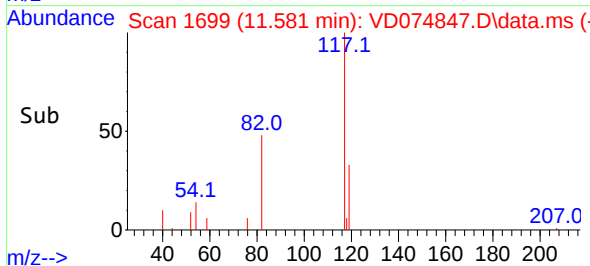
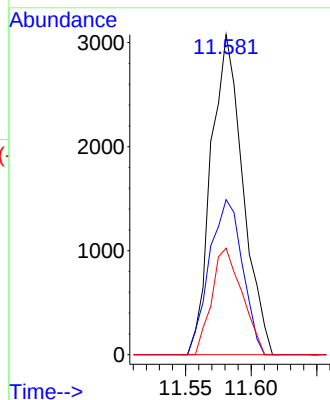
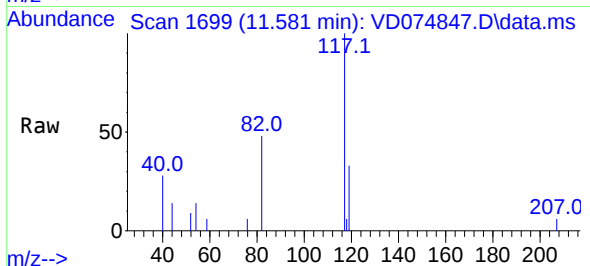




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11735
Delta R.T. -0.000 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

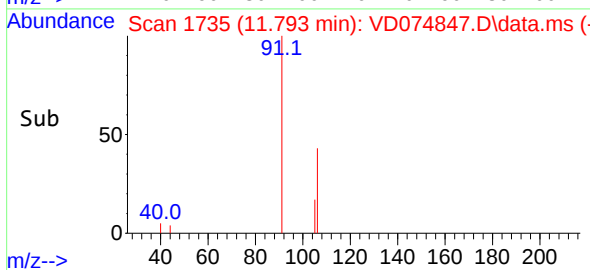
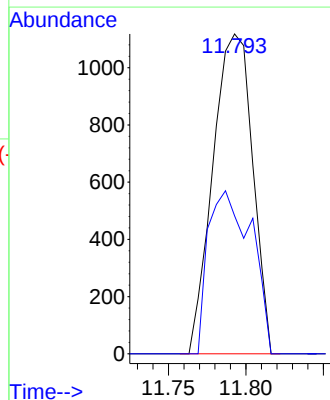
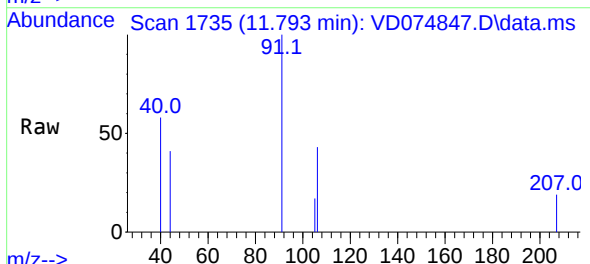
Instrument :
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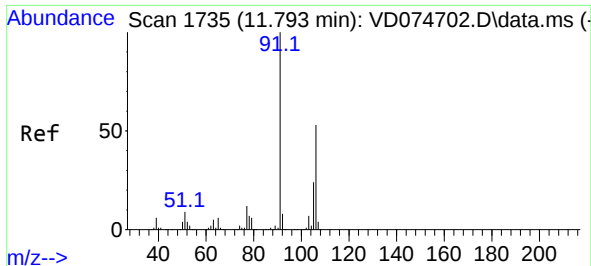
Tgt Ion:	117	Resp:	5185
Ion	Ratio	Lower	Upper
117	100		
82	48.5	41.6	62.4
119	33.3	25.2	37.8



#67
Ethyl Benzene
Concen: 10.947 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.112 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion:	91	Resp:	1992
Ion	Ratio	Lower	Upper
91	100		
106	43.1	26.6	40.0#

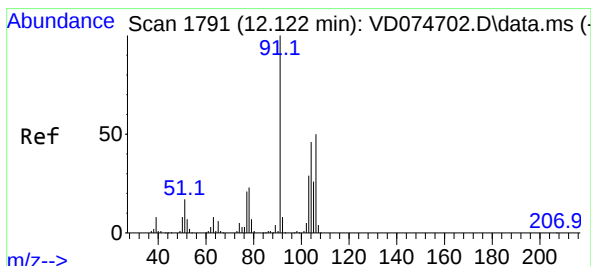
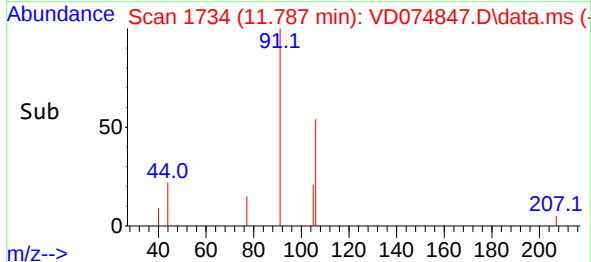
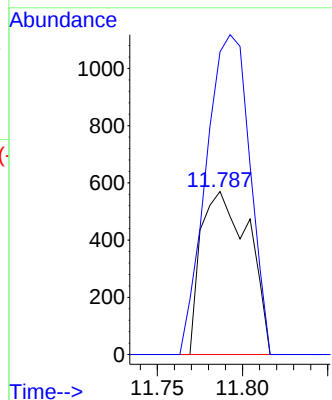
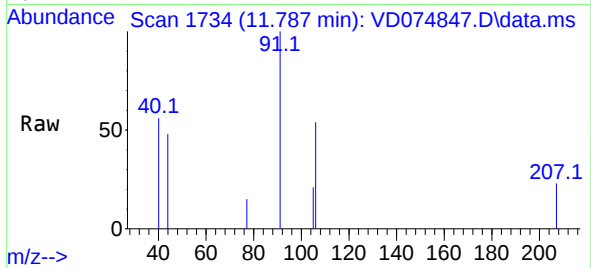




#68
m/p-Xylenes
Concen: 15.351 ug/l
RT: 11.787 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

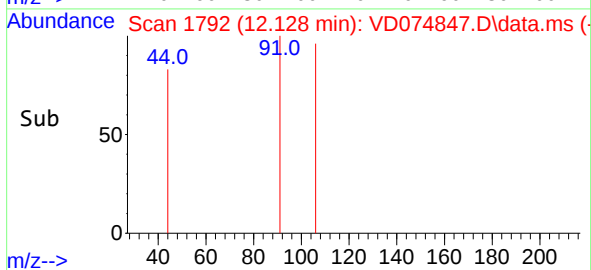
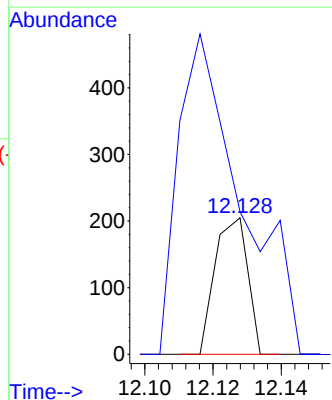
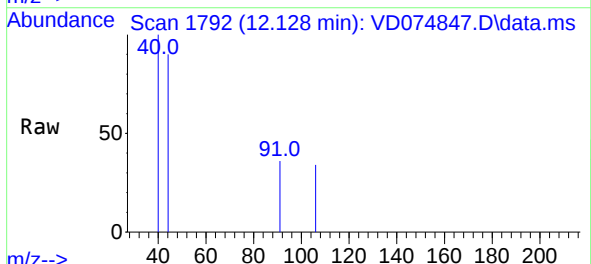
Instrument :
MSVOA_D
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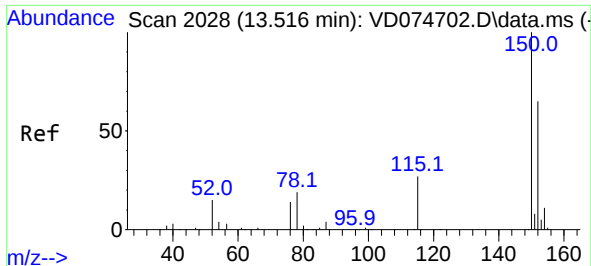
Tgt Ion:106 Resp: 1109
Ion Ratio Lower Upper
106 100
91 179.6 156.2 234.4



#69
o-Xylene
Concen: 2.048 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion:106 Resp: 136
Ion Ratio Lower Upper
106 100
91 454.4 104.5 313.3#

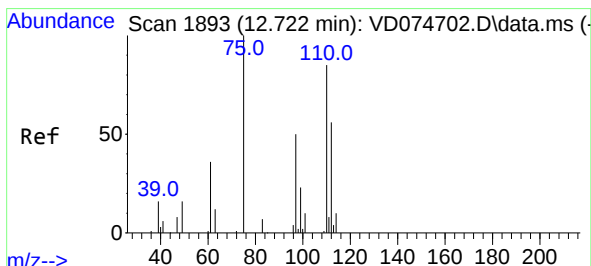
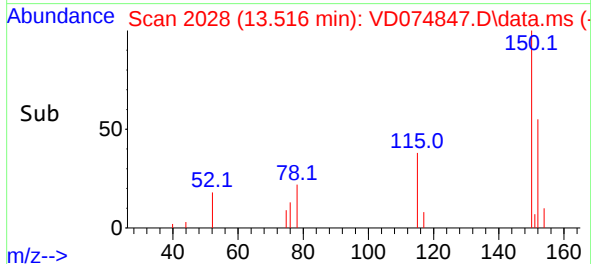
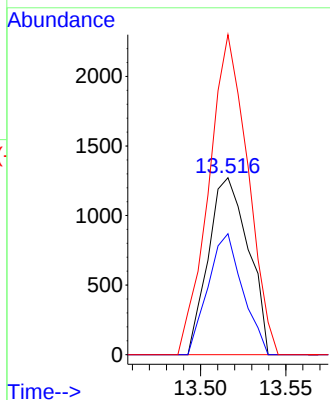
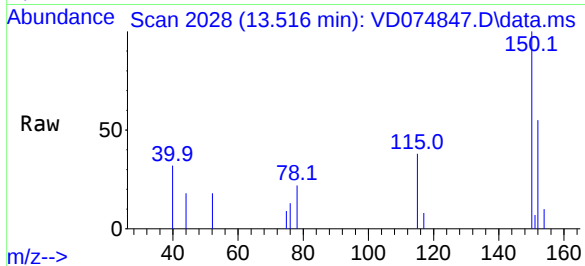




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD074847.D
 Acq: 10 Nov 2022 01:47

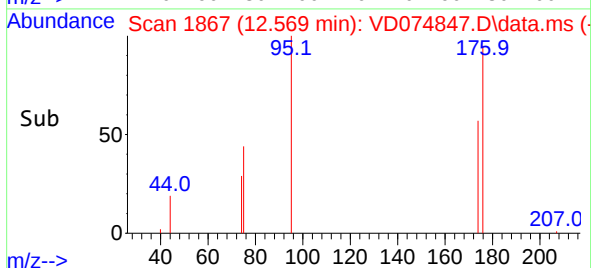
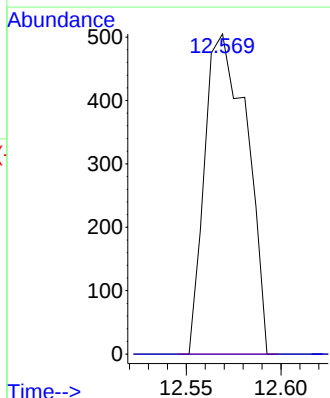
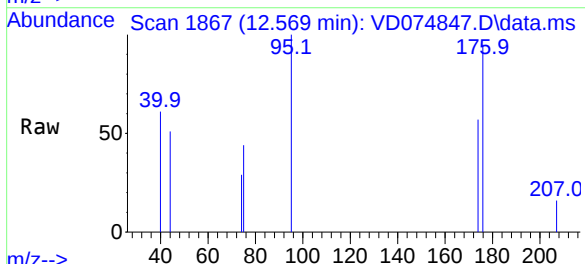
Instrument :
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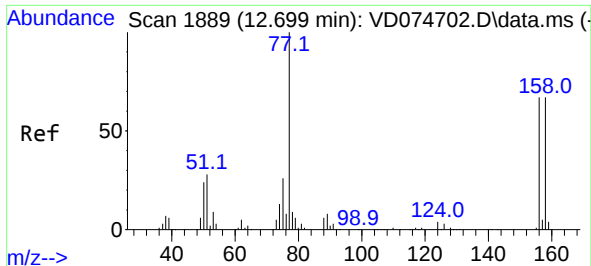
Tgt Ion:152 Resp: 2080
 Ion Ratio Lower Upper
 152 100
 115 59.2 26.8 80.4
 150 176.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 48.498 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD074847.D
 Acq: 10 Nov 2022 01:47

Tgt Ion: 75 Resp: 782
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

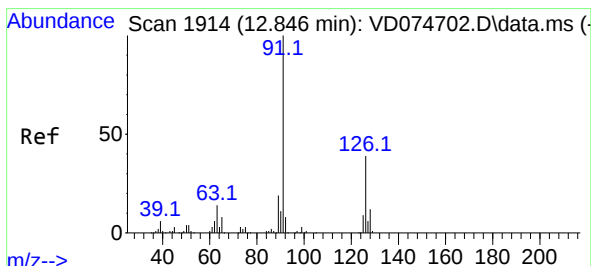
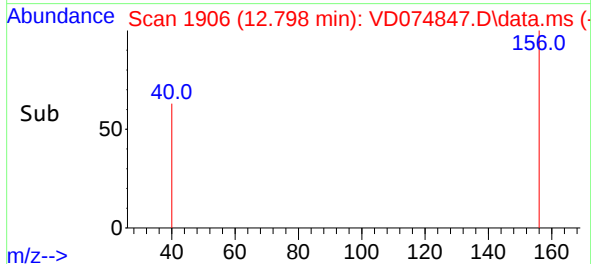
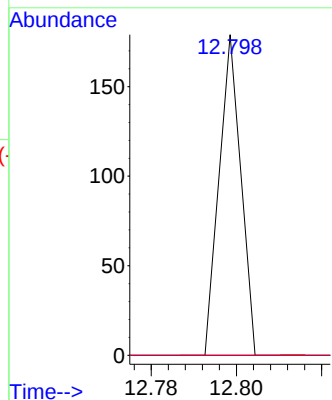
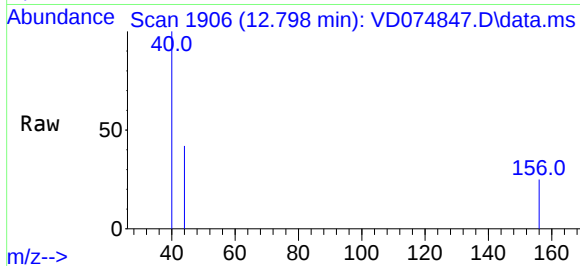




#77
Bromobenzene
Concen: 1.800 ug/l
RT: 12.798 min Scan# 1906
Delta R.T. 0.099 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

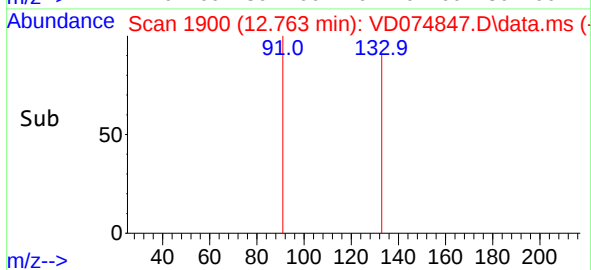
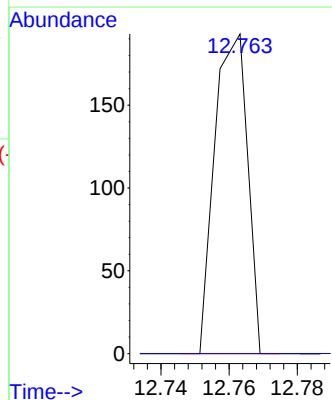
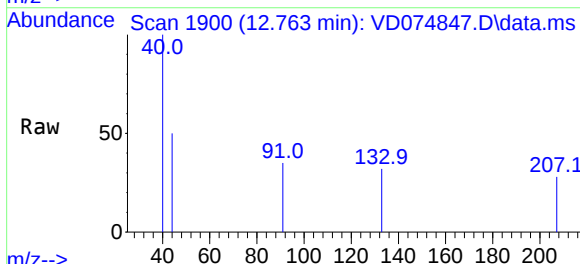
Instrument :
MSVOA_D
ClientSampleId :
TP-5

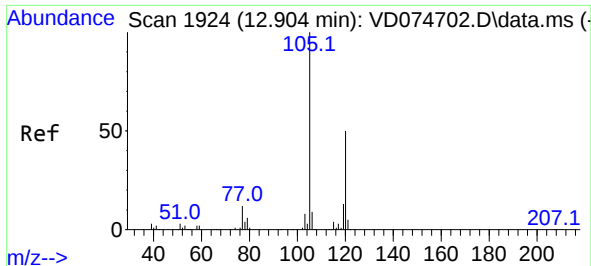
Tgt Ion:156 Resp: 63
Ion Ratio Lower Upper
156 100
77 0.0 77.7 233.1#
158 0.0 49.4 148.2#



#79
2-Chlorotoluene
Concen: 1.316 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.083 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 91 Resp: 129
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#

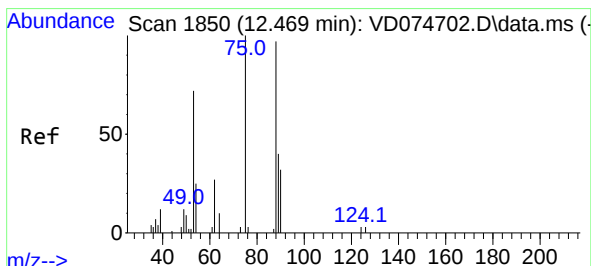
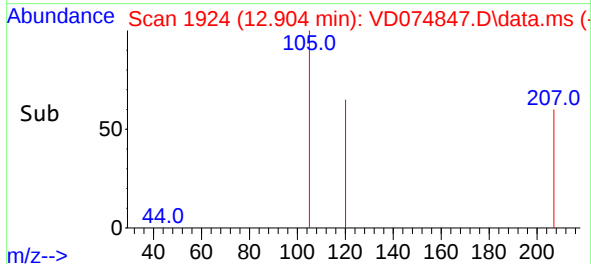
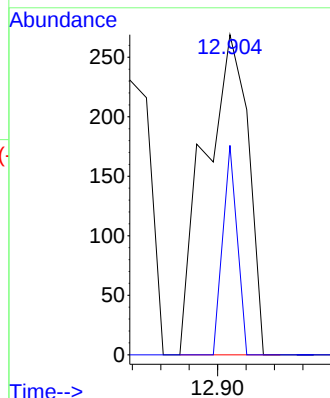
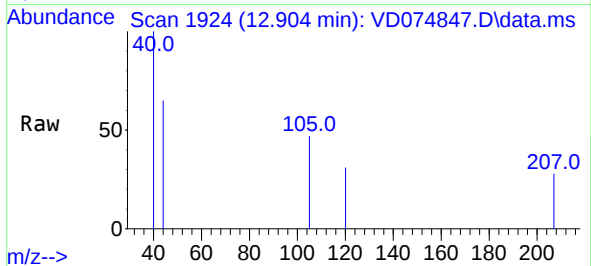




#80
1,3,5-Trimethylbenzene
Concen: 2.315 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

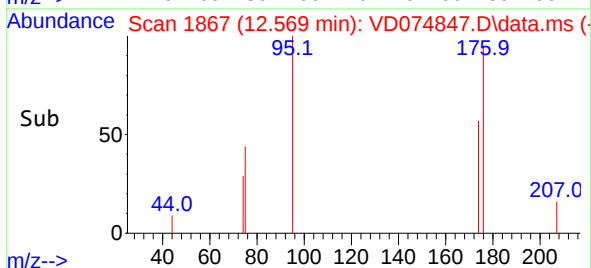
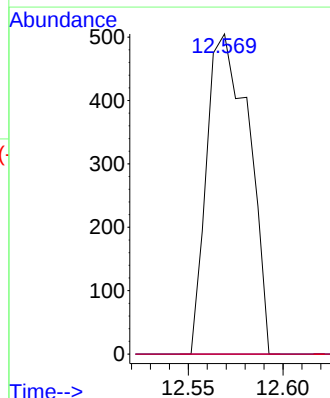
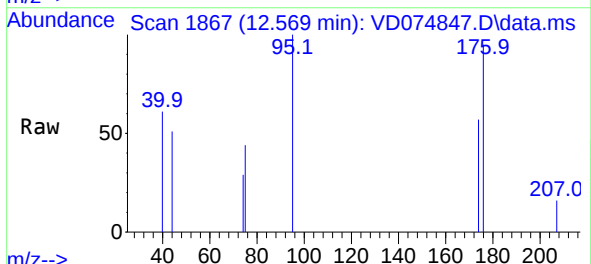
Instrument :
MSVOA_D
ClientSampleId :
TP-5

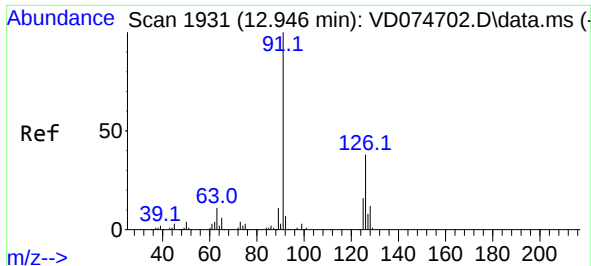
Tgt Ion:105 Resp: 287
Ion Ratio Lower Upper
105 100
120 21.6 25.7 77.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.123 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Tgt Ion: 75 Resp: 782
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

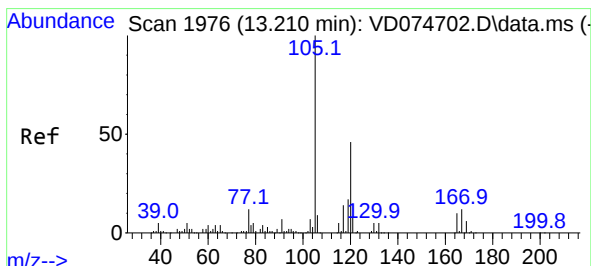
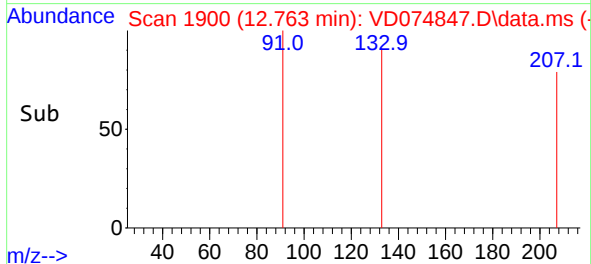
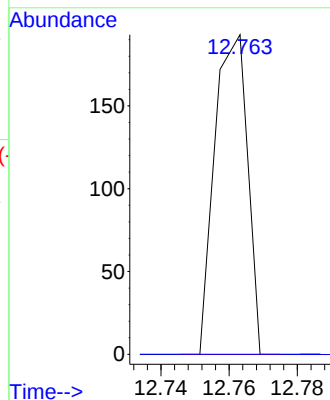
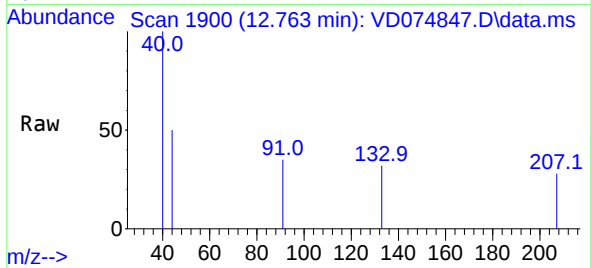




#82
4-Chlorotoluene
Concen: 1.265 ug/l
RT: 12.763 min Scan# 1931
Delta R.T. -0.183 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

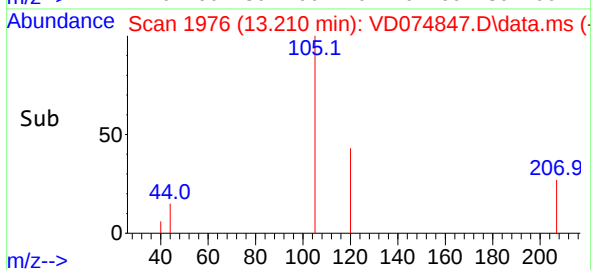
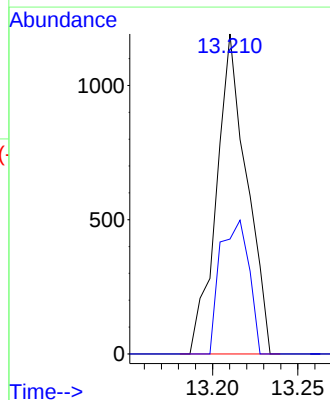
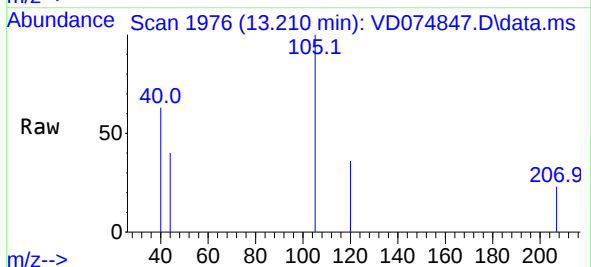
Instrument :
MSVOA_D
ClientSampleId :
TP-5

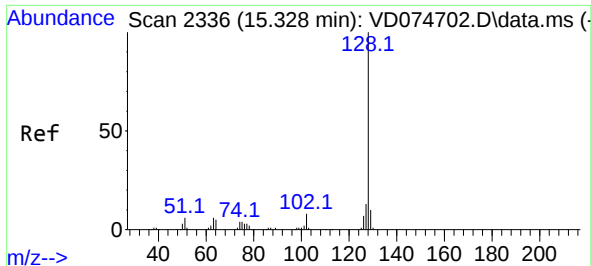
Tgt Ion: 91 Resp: 129
Ion Ratio Lower Upper
91 100
126 0.0 18.8 56.4#



#84
1,2,4-Trimethylbenzene
Concen: 12.065 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

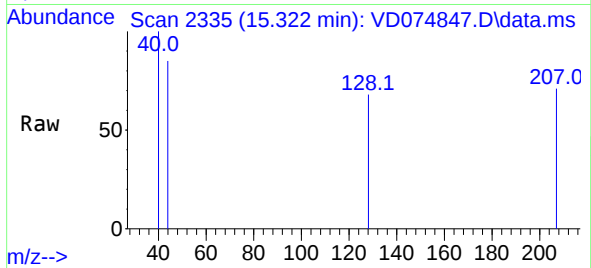
Tgt Ion:105 Resp: 1476
Ion Ratio Lower Upper
105 100
120 39.5 22.9 68.7





#95
Naphthalene
Concen: 8.801 ug/l
RT: 15.322 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074847.D
Acq: 10 Nov 2022 01:47

Instrument :
MSVOA_D
ClientSampleId :
TP-5



Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

