

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074849.D
 Acq On : 10 Nov 2022 02:42
 Operator : VA/SY
 Sample : N5506-07
 Misc : 4.93G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8

Quant Time: Nov 10 05:51:04 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)

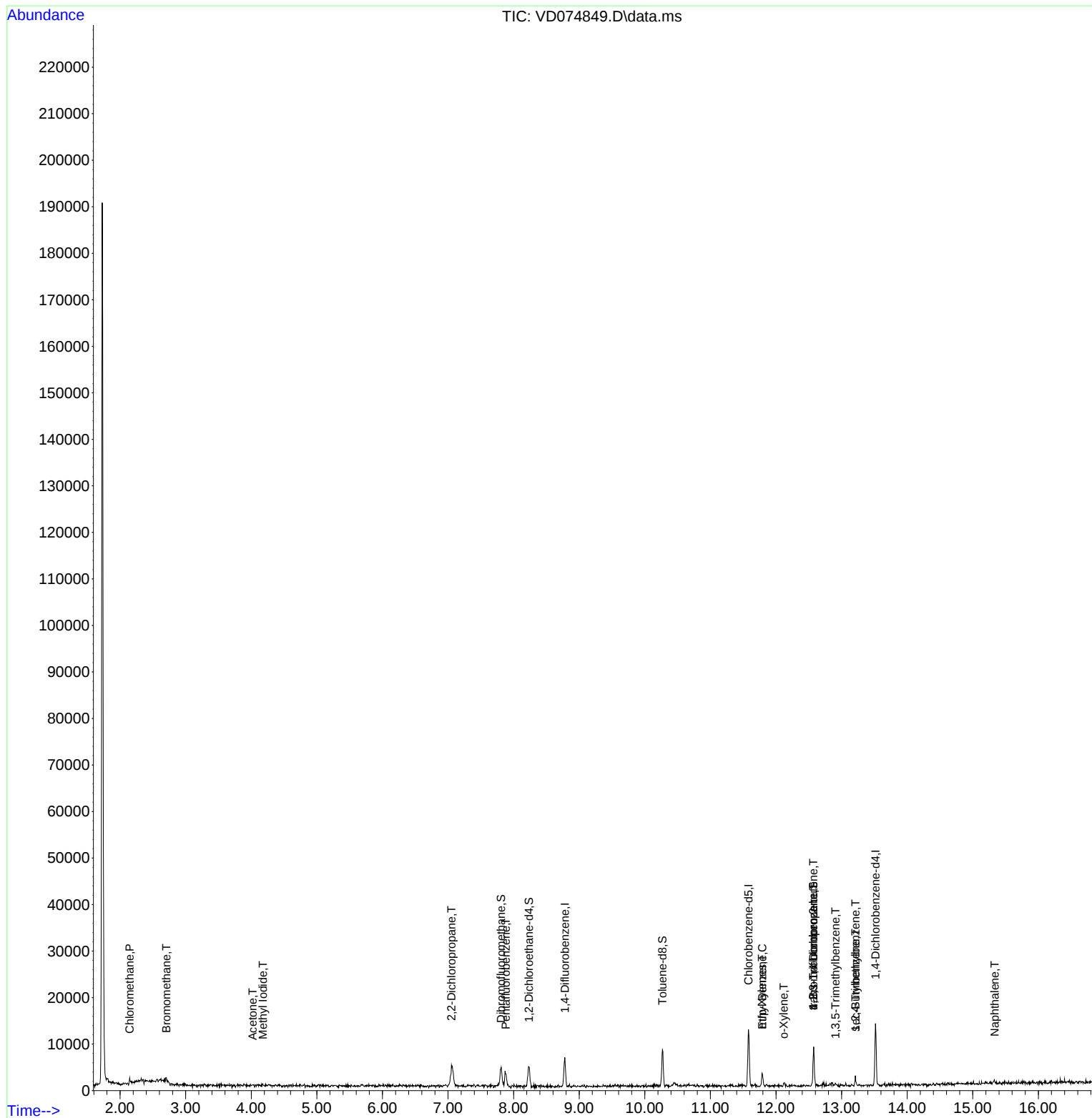
Internal Standards						
1) Pentafluorobenzene	7.881	168	3210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	7056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	8702	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	4355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3769	148.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 296.500%#	
35) Dibromofluoromethane	7.810	113	3203	76.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 153.480%#	
50) Toluene-d8	10.269	98	6342	41.655	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.300%	
62) 4-Bromofluorobenzene	12.569	95	2883	65.582	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	360	8.557	ug/l	95
5) Bromomethane	2.705	94	462	13.216	ug/l	91
10) Methyl Iodide	4.175	142	220	9.985	ug/l #	43
16) Acetone	4.022	43	57	10.744	ug/l #	37
20) Methylene Chloride	4.793	84	112	Below Cal	#	18
26) 2,2-Dichloropropane	7.052	77	66	1.242	ug/l #	50
67) Ethyl Benzene	11.793	91	2067	6.768	ug/l #	54
68) m/p-Xylenes	11.787	106	1004	8.281	ug/l	93
69) o-Xylene	12.116	106	264	2.369	ug/l	86
76) 1,2,3-Trichloropropane	12.569	75	1502	44.490	ug/l #	1
80) 1,3,5-Trimethylbenzene	12.904	105	321	1.237	ug/l #	53
81) trans-1,4-Dichloro-2-b...	12.569	75	1502	105.609	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.210	105	1357	5.298	ug/l	93
85) sec-Butylbenzene	13.210	105	1357	3.932	ug/l #	56
95) Naphthalene	15.334	128	853	5.559	ug/l #	69

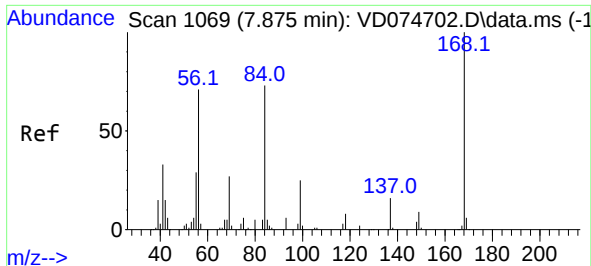
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
Data File : VD074849.D
Acq On : 10 Nov 2022 02:42
Operator : VA/SY
Sample : N5506-07
Misc : 4.93G/5.00ml/MSVOA_D/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-8

Quant Time: Nov 10 05:51:04 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

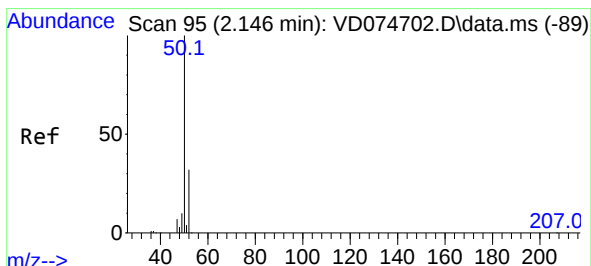
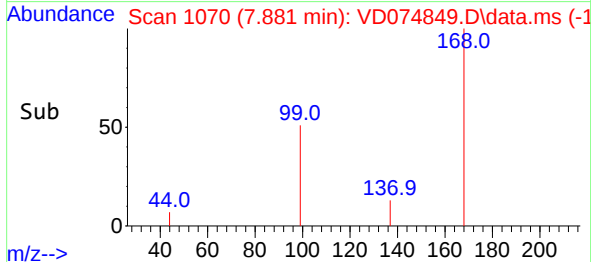
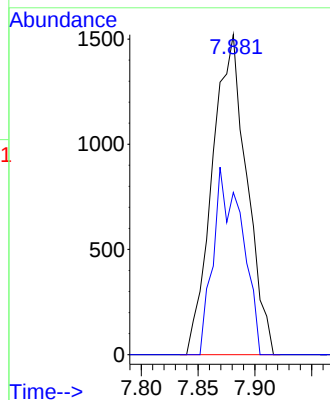
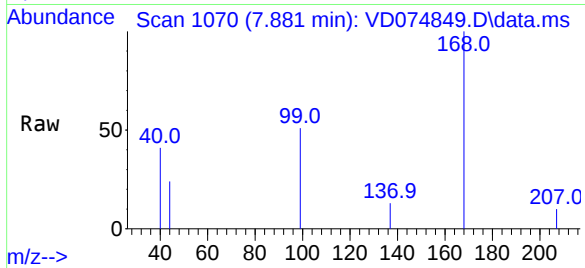




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

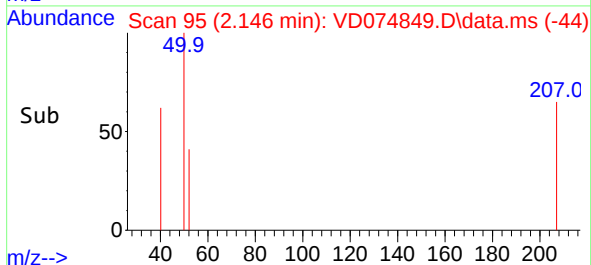
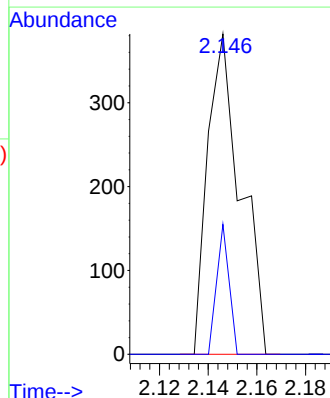
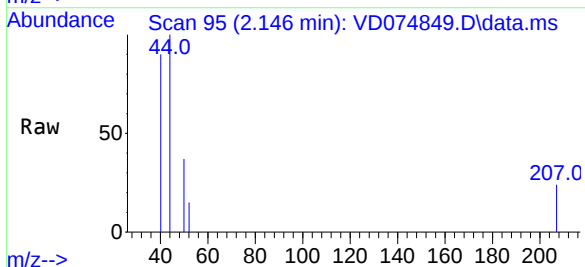
Instrument :
MSVOA_D
ClientSampleId :
TP-8

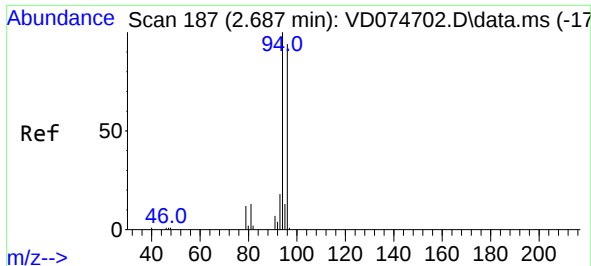
Tgt Ion:168 Resp: 3210
Ion Ratio Lower Upper
168 100
99 50.7 40.9 61.3



#3
Chloromethane
Concen: 8.557 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 50 Resp: 360
Ion Ratio Lower Upper
50 100
52 40.6 30.0 45.0

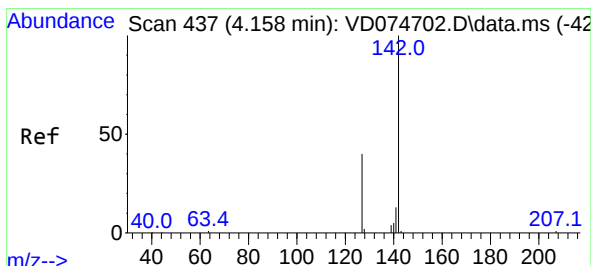
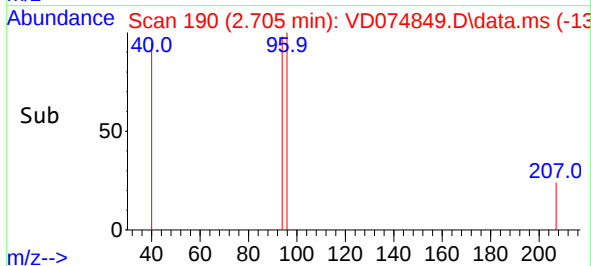
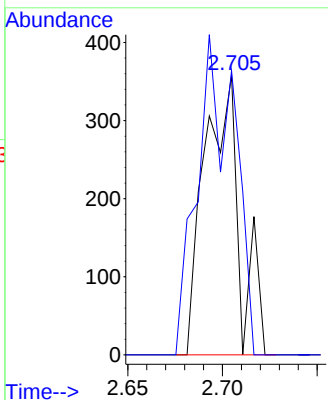
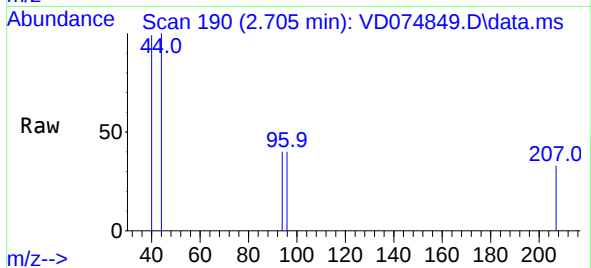




#5
Bromomethane
Concen: 13.216 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.018 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

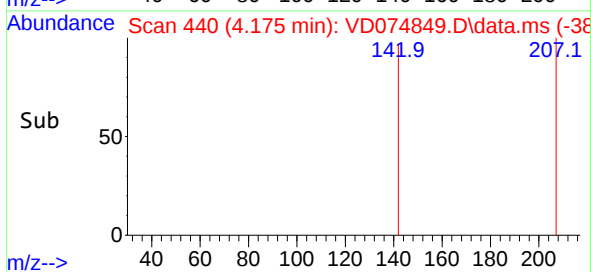
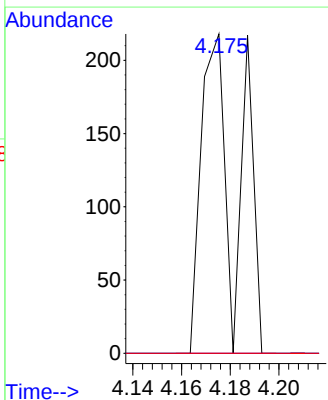
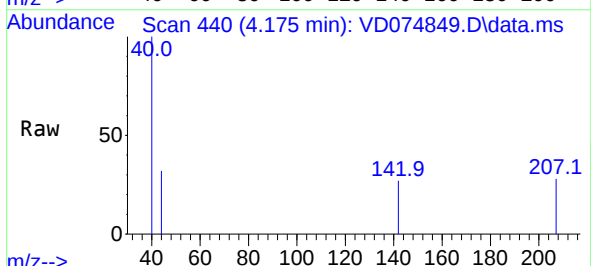
Instrument :
MSVOA_D
ClientSampleId :
TP-8

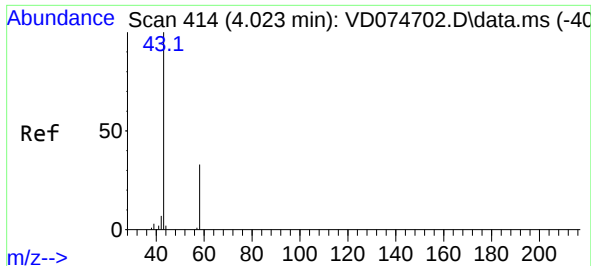
Tgt Ion: 94 Resp: 462
Ion Ratio Lower Upper
94 100
96 101.7 74.6 112.0



#10
Methyl Iodide
Concen: 9.985 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 142 Resp: 220
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

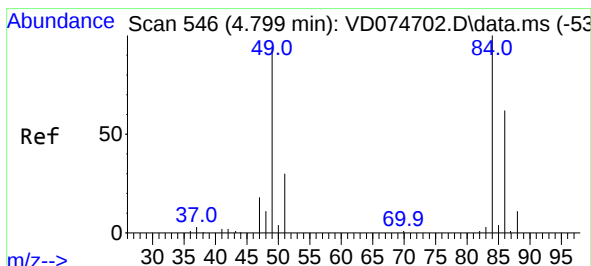
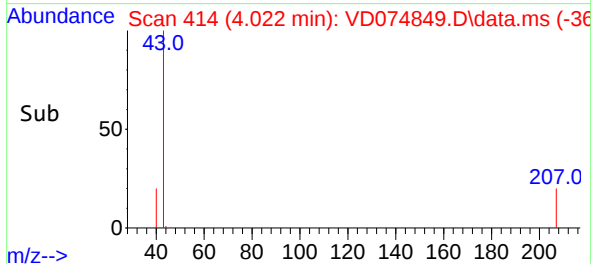
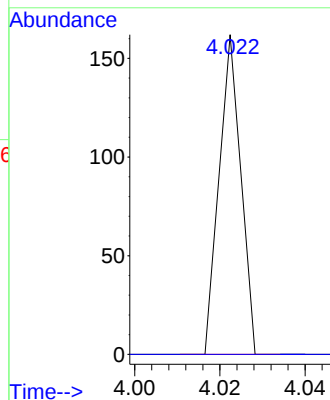
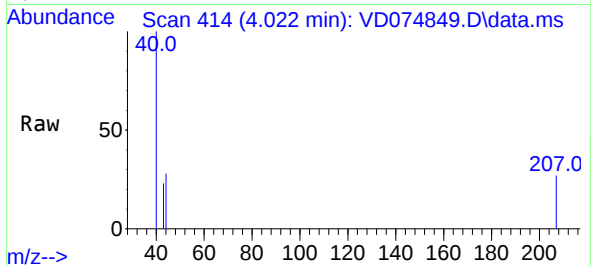




#16
Acetone
Concen: 10.744 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.001 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

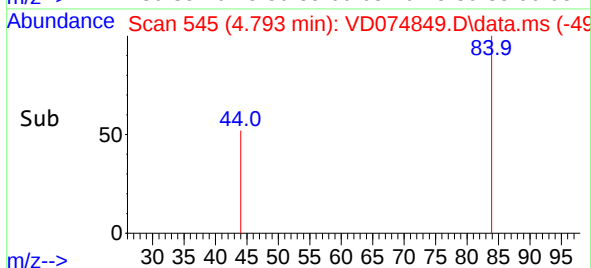
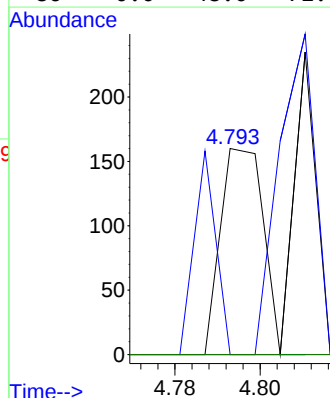
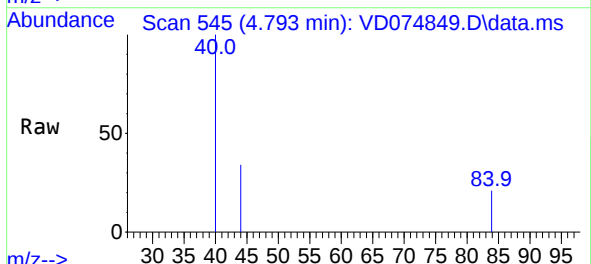
Instrument :
MSVOA_D
ClientSampleId :
TP-8

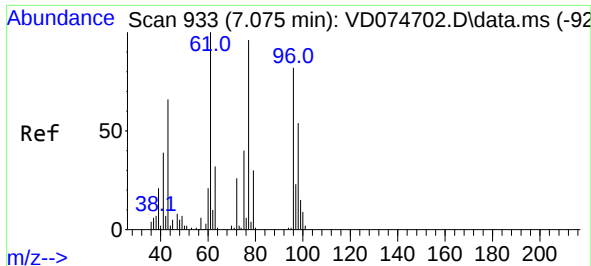
Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 84 Resp: 112
Ion Ratio Lower Upper
84 100
49 0.0 68.0 102.0#
51 0.0 23.2 34.8#
86 0.0 48.0 72.0#





#26

2,2-Dichloropropane

Concen: 1.242 ug/l

RT: 7.052 min Scan# 91

Delta R.T. -0.023 min

Lab File: VD074849.D

Acq: 10 Nov 2022 02:42

Instrument :

MSVOA_D

ClientSampleId :

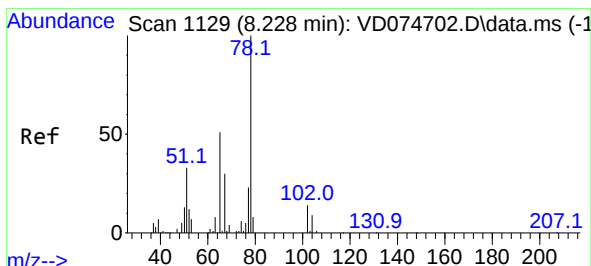
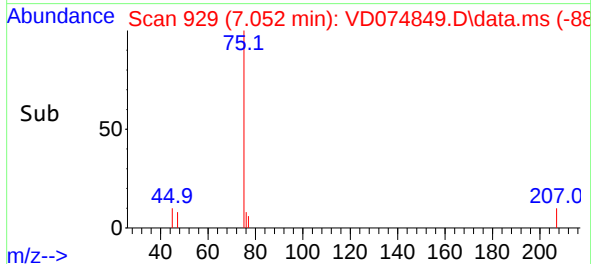
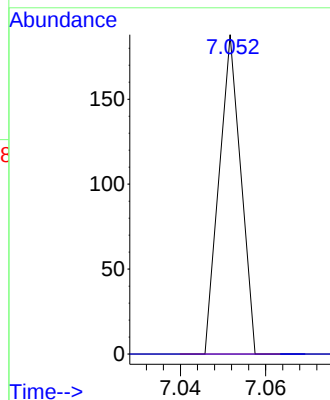
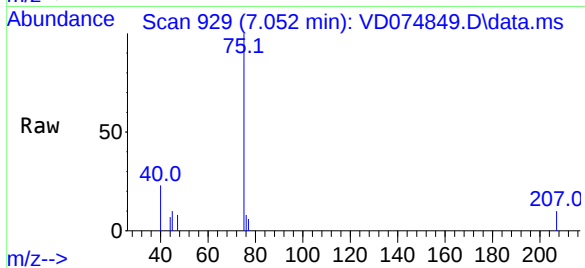
TP-8

Tgt Ion: 77 Resp: 66

Ion Ratio Lower Upper

77 100

97 0.0 12.5 37.5#



#33

1,2-Dichloroethane-d4

Concen: 148.247 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD074849.D

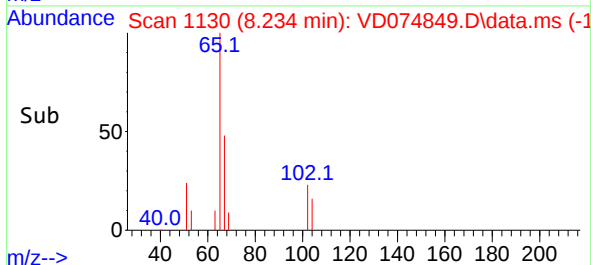
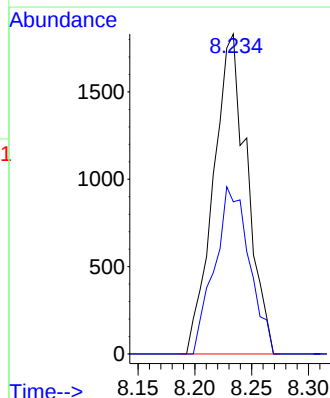
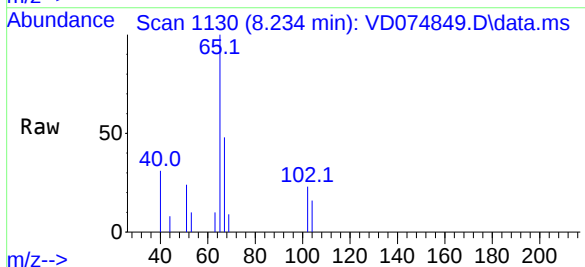
Acq: 10 Nov 2022 02:42

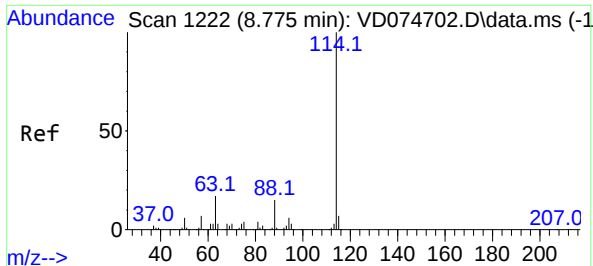
Tgt Ion: 65 Resp: 3769

Ion Ratio Lower Upper

65 100

67 54.1 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: VD074849.D

Acq: 10 Nov 2022 02:42

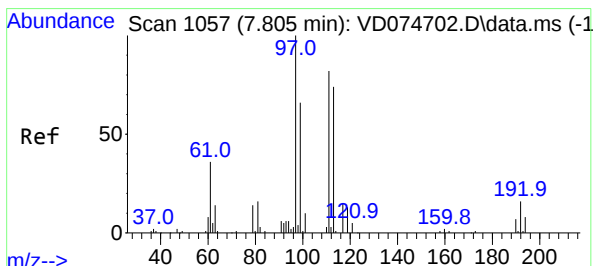
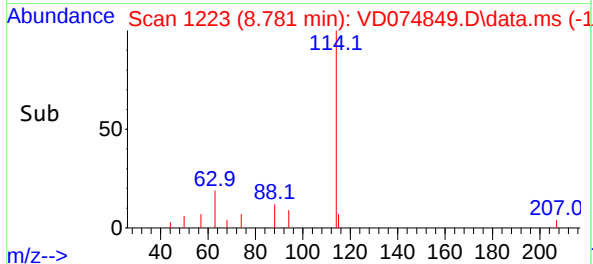
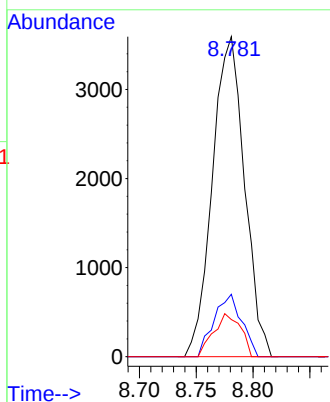
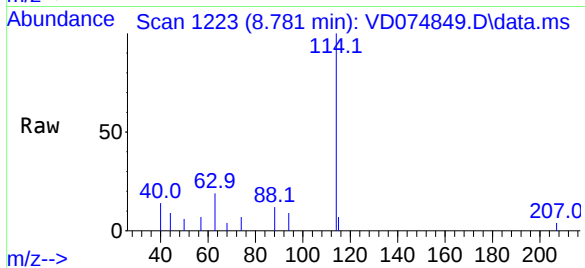
Instrument :

MSVOA_D

ClientSampleId :

TP-8

Tgt Ion:114	Resp:	7056
Ion	Ratio	Lower Upper
114	100	
63	19.5	0.0 33.2
88	11.6	0.0 28.2



#35

Dibromofluoromethane

Concen: 76.739 ug/l

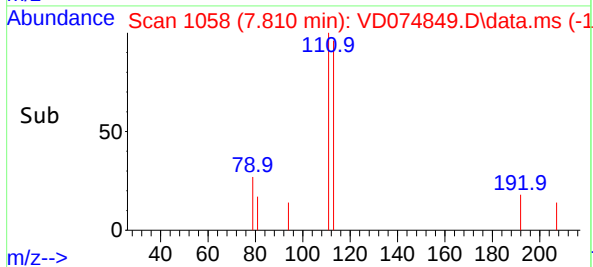
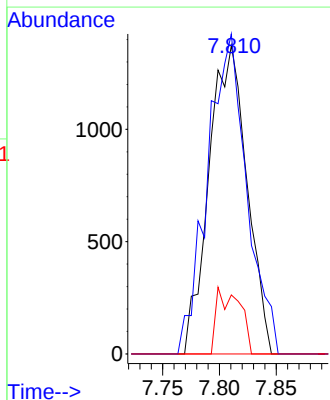
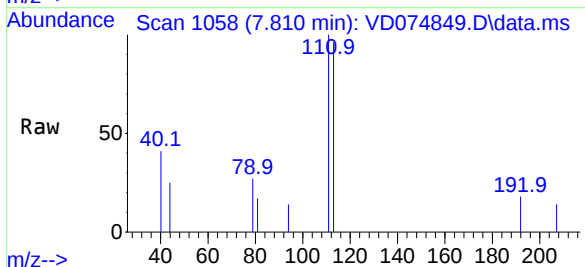
RT: 7.810 min Scan# 1058

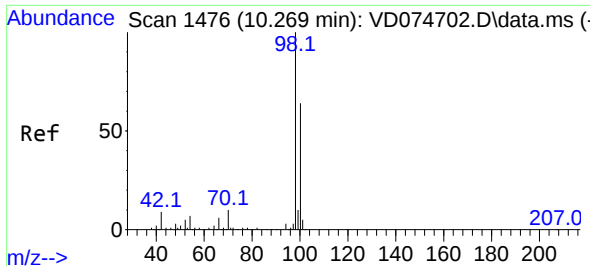
Delta R.T. 0.005 min

Lab File: VD074849.D

Acq: 10 Nov 2022 02:42

Tgt Ion:113	Resp:	3203
Ion	Ratio	Lower Upper
113	100	
111	106.8	82.3 123.5
192	13.1	16.4 24.6

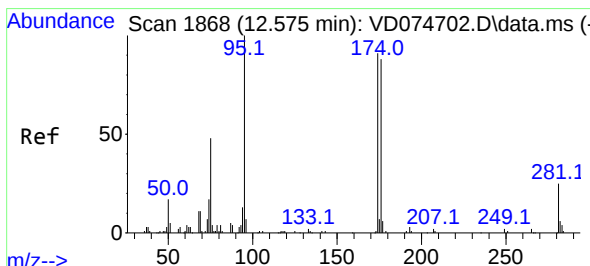
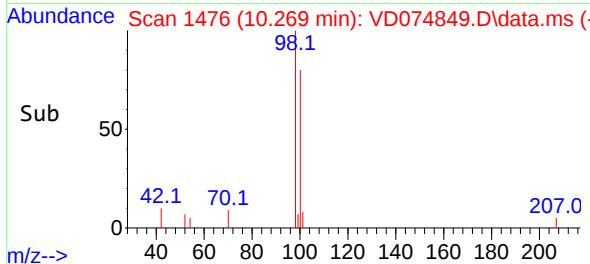
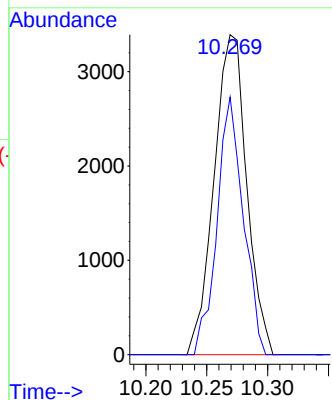
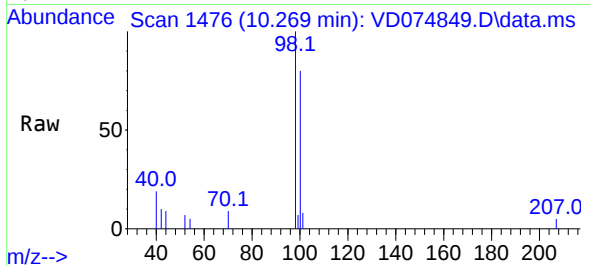




#50
Toluene-d8
Concen: 41.655 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

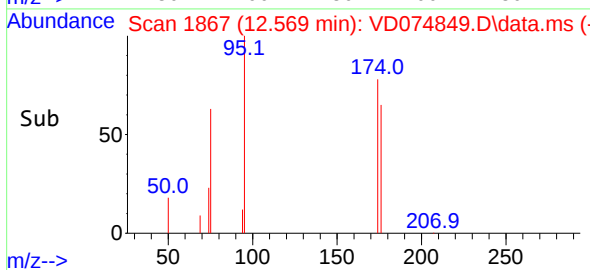
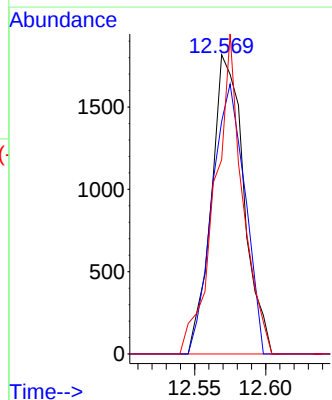
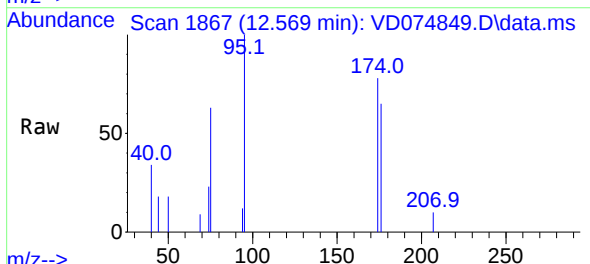
Instrument :
MSVOA_D
ClientSampleId :
TP-8

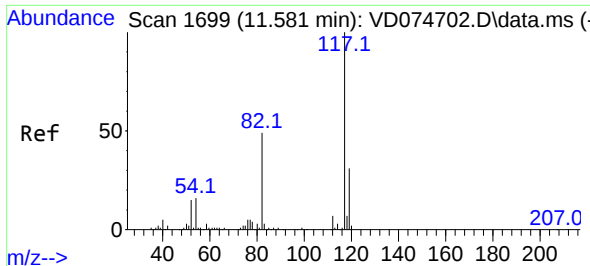
Tgt Ion: 98 Resp: 6342
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 65.582 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 95 Resp: 2883
Ion Ratio Lower Upper
95 100
174 91.2 0.0 197.0
176 91.3 0.0 182.6

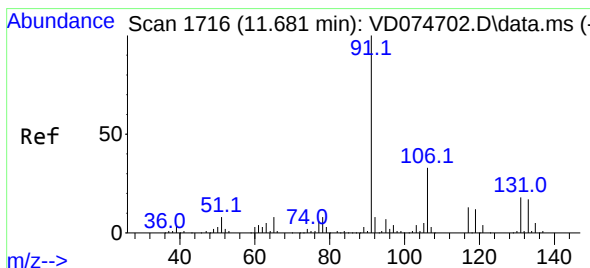
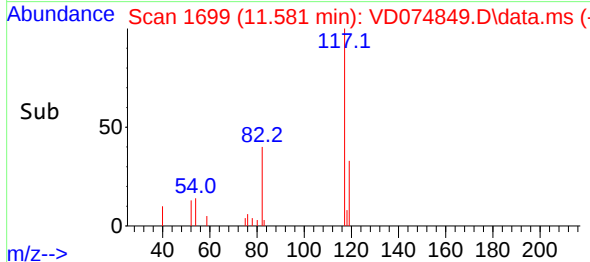
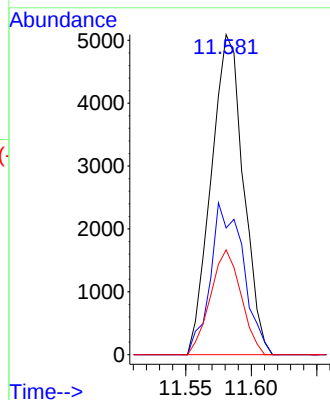
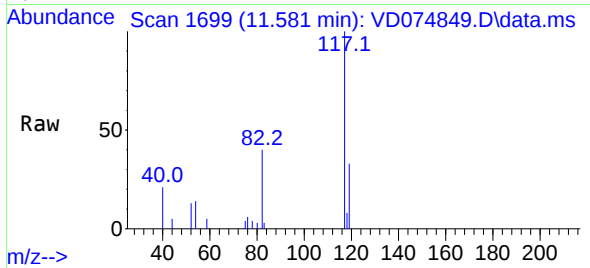




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

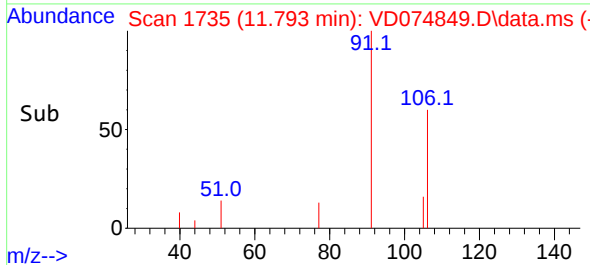
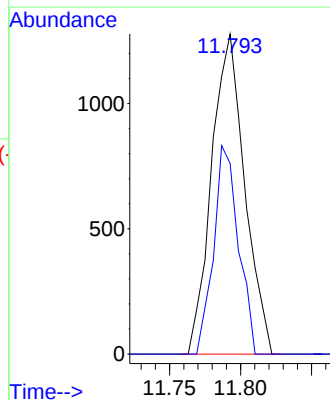
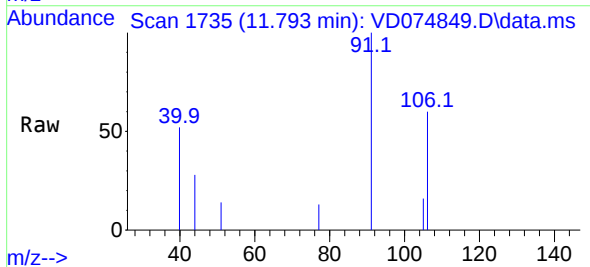
Instrument :
MSVOA_D
ClientSampleId :
TP-8

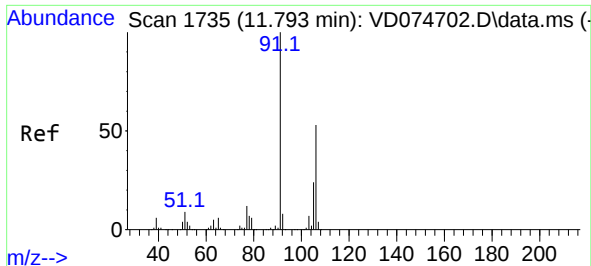
Tgt Ion:117 Resp: 8702
Ion Ratio Lower Upper
117 100
82 39.6 41.6 62.4#
119 32.8 25.2 37.8



#67
Ethyl Benzene
Concen: 6.768 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.112 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 91 Resp: 2067
Ion Ratio Lower Upper
91 100
106 59.5 26.6 40.0#

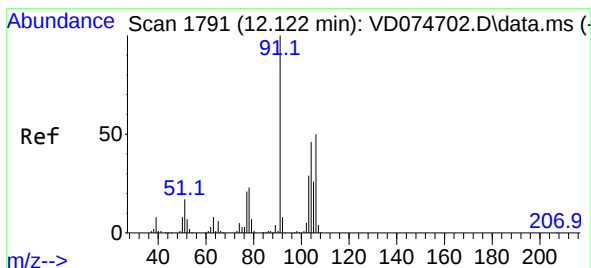
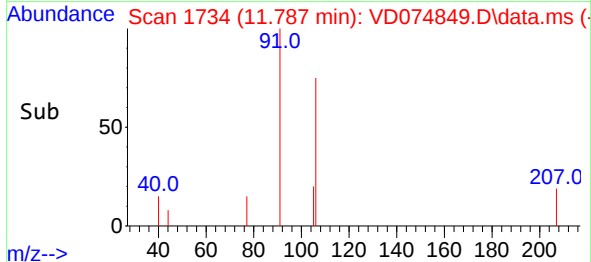
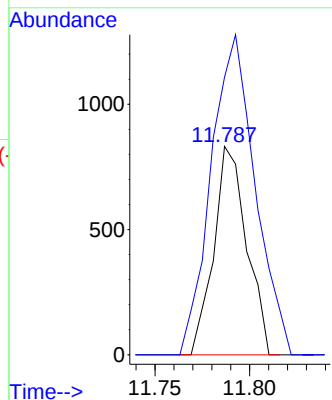
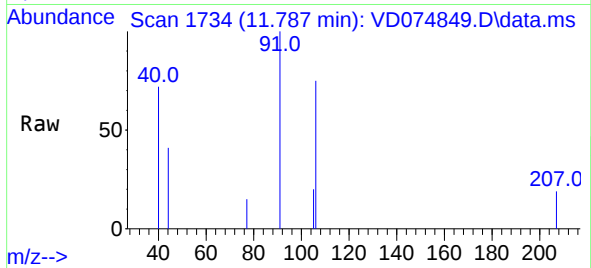




#68
m/p-Xylenes
Concen: 8.281 ug/l
RT: 11.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

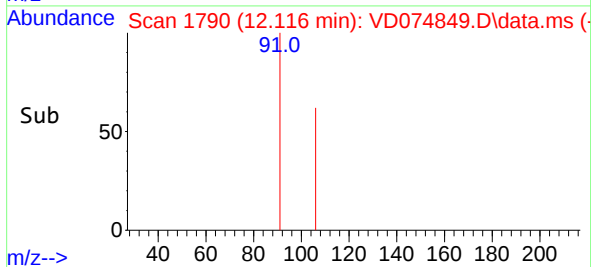
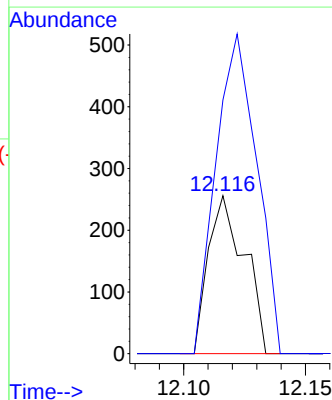
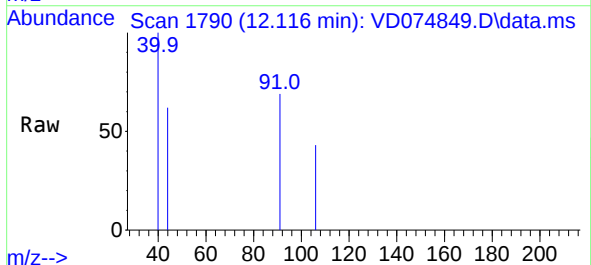
Instrument :
MSVOA_D
ClientSampleId :
TP-8

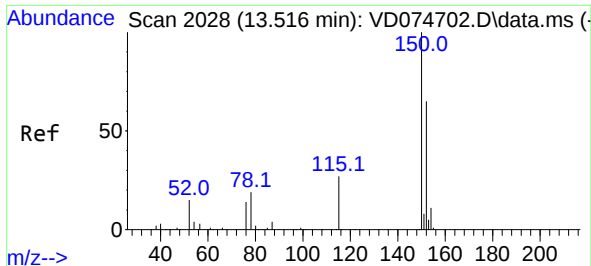
Tgt Ion:106 Resp: 1004
Ion Ratio Lower Upper
106 100
91 205.9 156.2 234.4



#69
o-Xylene
Concen: 2.369 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

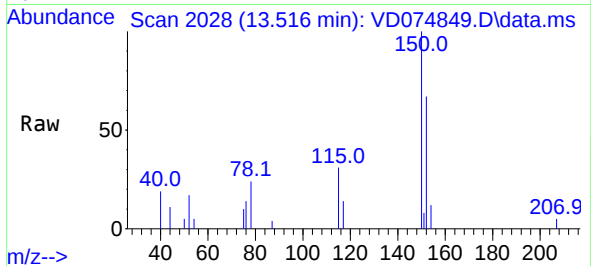
Tgt Ion:106 Resp: 264
Ion Ratio Lower Upper
106 100
91 229.9 104.5 313.3



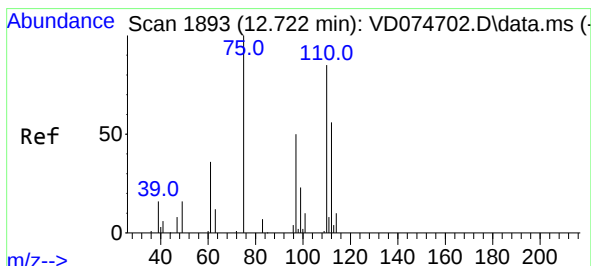
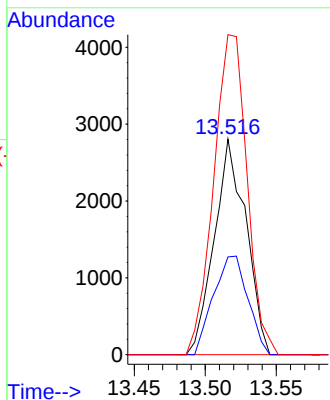
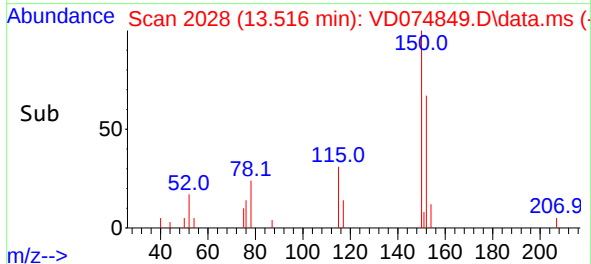


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Instrument :
MSVOA_D
ClientSampleId :
TP-8

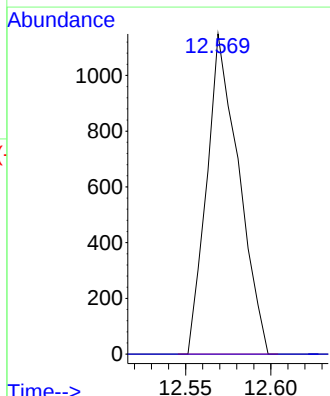
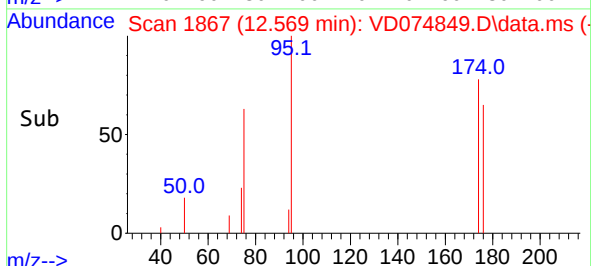
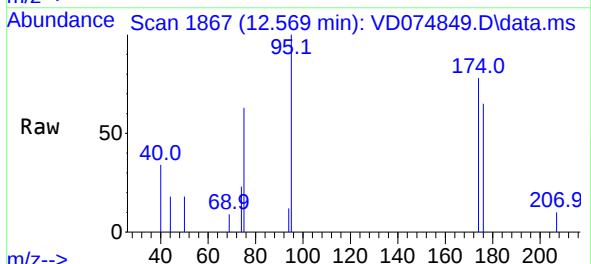


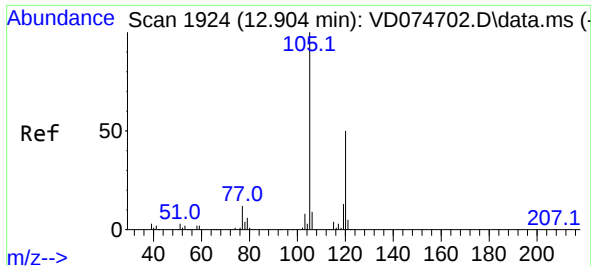
Tgt Ion:152 Resp: 4355
Ion Ratio Lower Upper
152 100
115 49.7 26.8 80.4
150 156.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 44.490 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 75 Resp: 1502
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

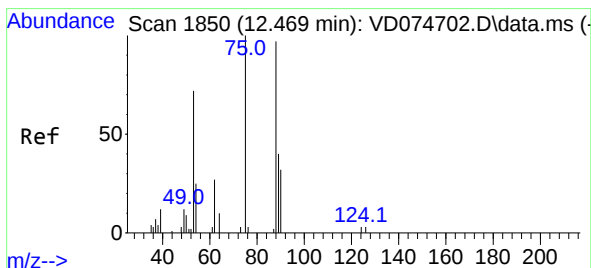
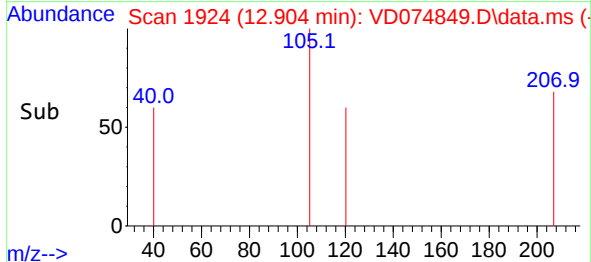
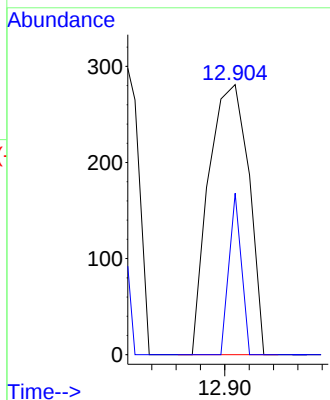
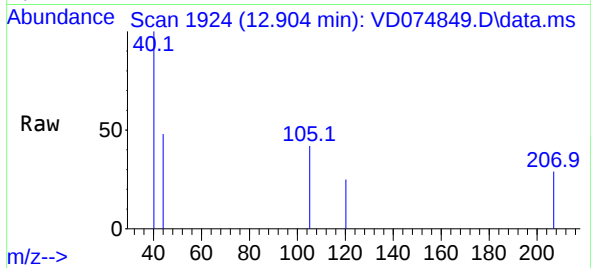




#80
1,3,5-Trimethylbenzene
Concen: 1.237 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

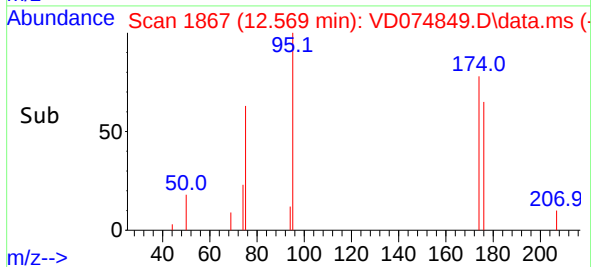
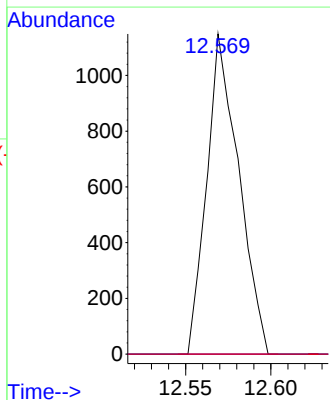
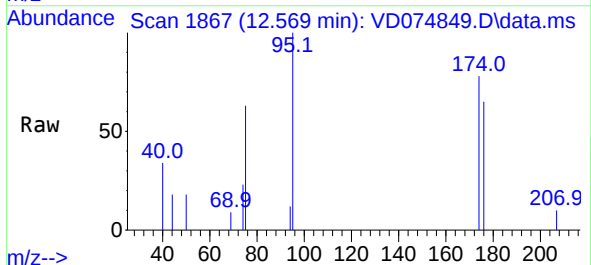
Instrument :
MSVOA_D
ClientSampleId :
TP-8

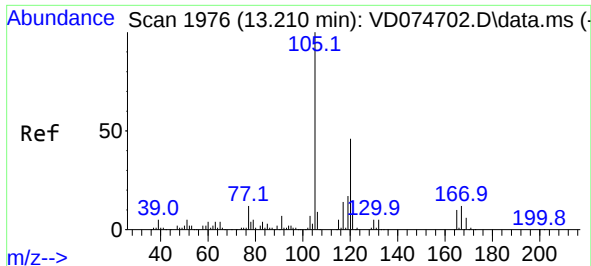
Tgt Ion:105 Resp: 321
Ion Ratio Lower Upper
105 100
120 18.4 25.7 77.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.609 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Tgt Ion: 75 Resp: 1502
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

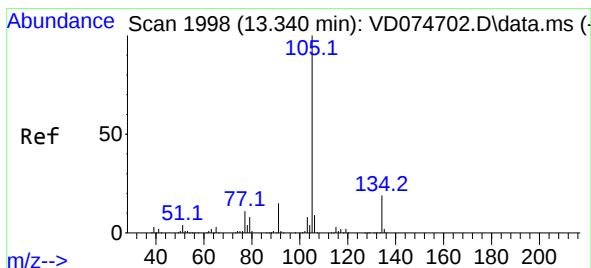
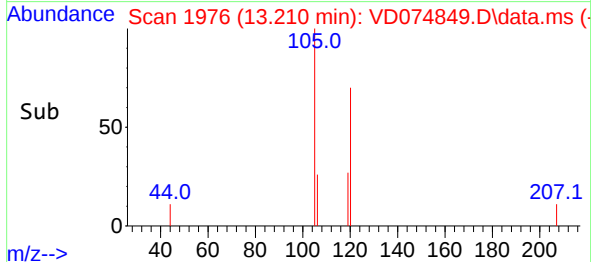
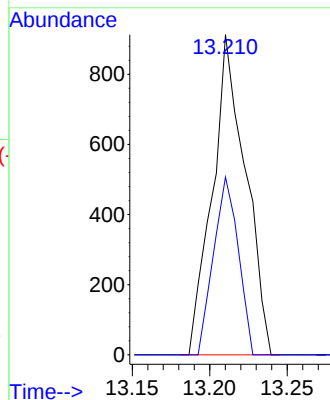
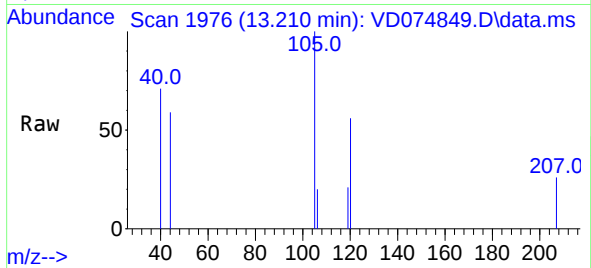




#84
1,2,4-Trimethylbenzene
Concen: 5.298 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

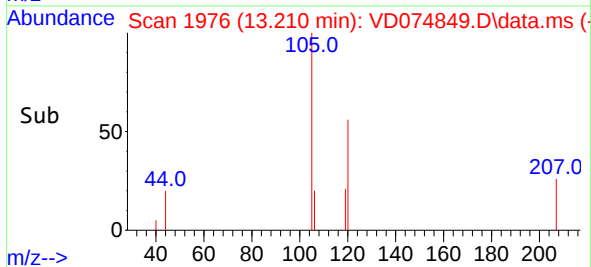
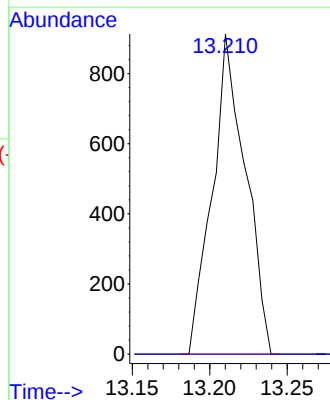
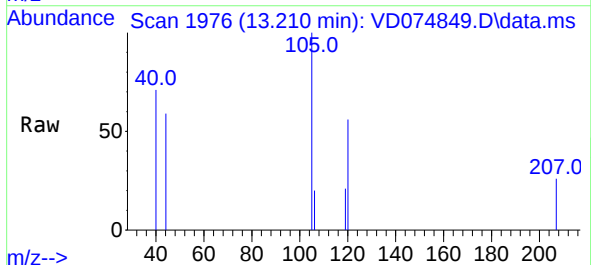
Instrument :
MSVOA_D
ClientSampleId :
TP-8

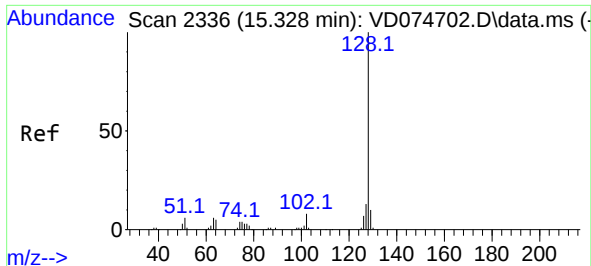
Tgt Ion:105 Resp: 1357
Ion Ratio Lower Upper
105 100
120 41.3 22.9 68.7



#85
sec-Butylbenzene
Concen: 3.932 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.130 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

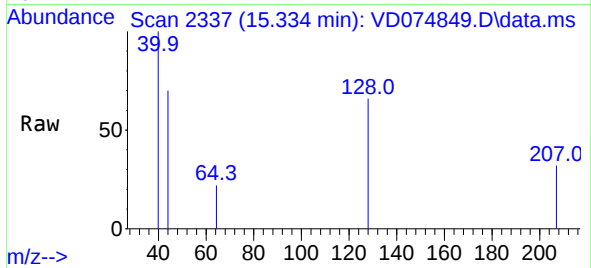
Tgt Ion:105 Resp: 1357
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#





#95
Naphthalene
Concen: 5.559 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD074849.D
Acq: 10 Nov 2022 02:42

Instrument :
MSVOA_D
ClientSampleId :
TP-8



Tgt Ion:128	Resp:	853
Ion	Ratio	Lower Upper
128	100	
127	0.0	10.6 16.0#
129	0.0	8.3 12.5#

