

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076263.D
 Acq On : 26 May 2023 17:39
 Operator : KP/SY
 Sample : 02888-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MID2-44(10-11)

Quant Time: May 26 23:16:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

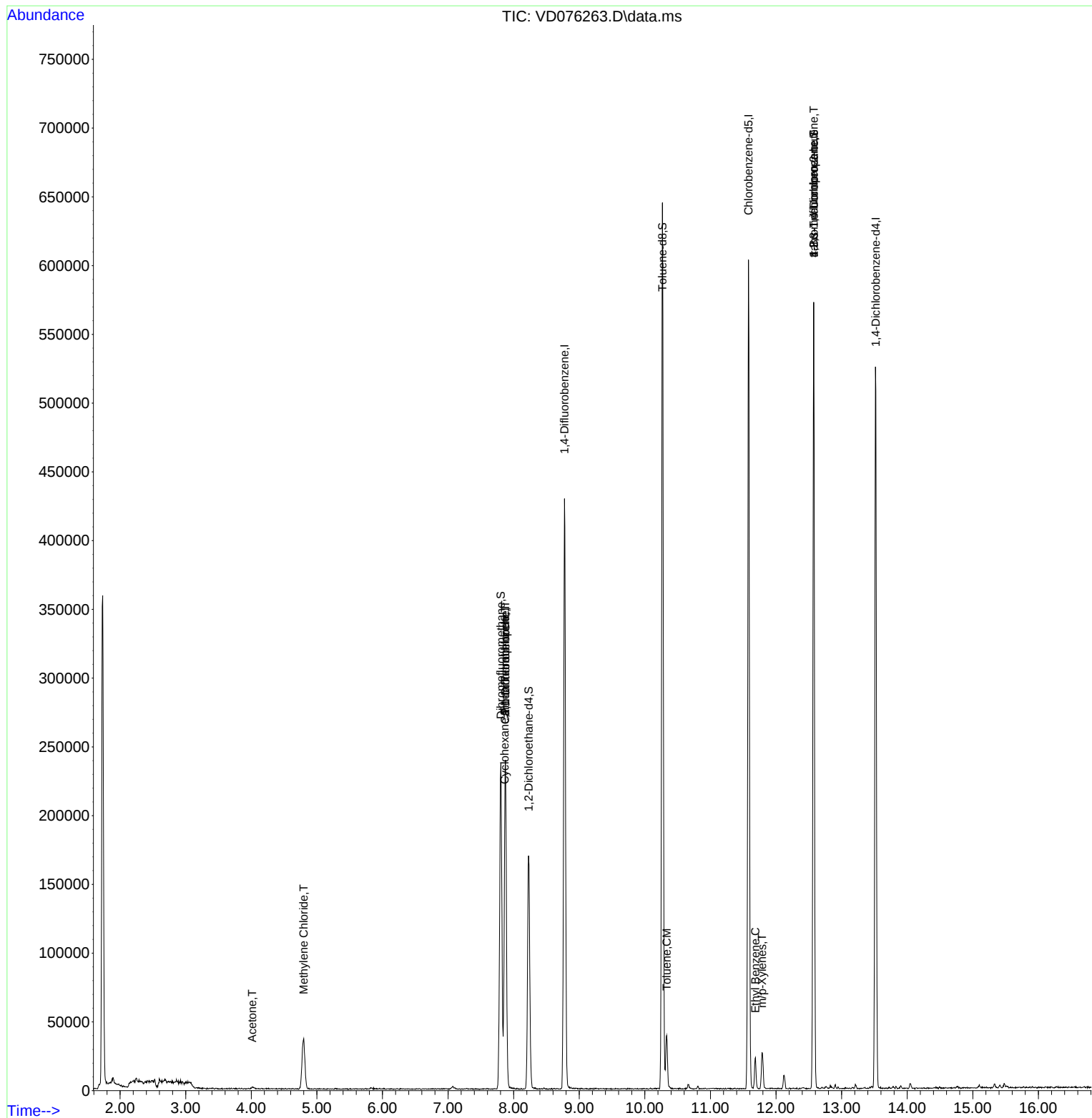
Internal Standards						
1) Pentafluorobenzene	7.875	168	196833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	370500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	156498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	130379	68.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 137.080%	
35) Dibromofluoromethane	7.804	113	173636	62.285	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 124.560%	
50) Toluene-d8	10.269	98	469251	43.179	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.360%	
62) 4-Bromofluorobenzene	12.575	95	176579	58.493	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 116.980%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	788	Below Cal		89
16) Acetone	4.016	43	2221	5.868	ug/l	91
17) Carbon Disulfide	4.263	76	132	Below Cal	#	73
20) Methylene Chloride	4.799	84	31793	2.150	ug/l #	79
31) Cyclohexane	7.863	56	4048	1.389	ug/l #	23
36) 1,1-Dichloropropene	7.875	75	15138	4.021	ug/l #	49
38) Carbon Tetrachloride	7.869	117	18189	5.348	ug/l #	16
52) Toluene	10.334	92	17064	2.257	ug/l	91
67) Ethyl Benzene	11.687	91	16488	1.223	ug/l	97
68) m/p-Xylenes	11.787	106	9318	1.692	ug/l	92
76) 1,2,3-Trichloropropane	12.575	75	86360	63.060	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	86360	132.289	ug/l #	5

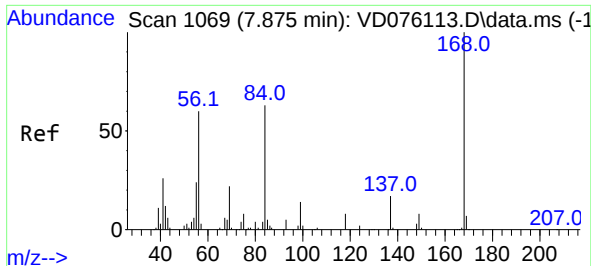
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076263.D
Acq On : 26 May 2023 17:39
Operator : KP/SY
Sample : 02888-02
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

Quant Time: May 26 23:16:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

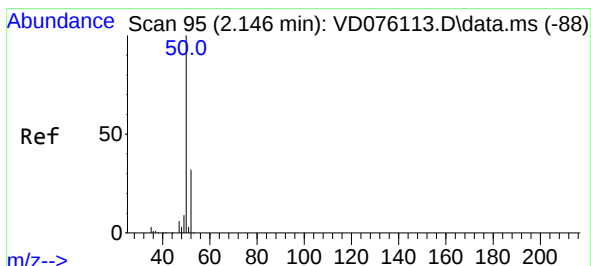
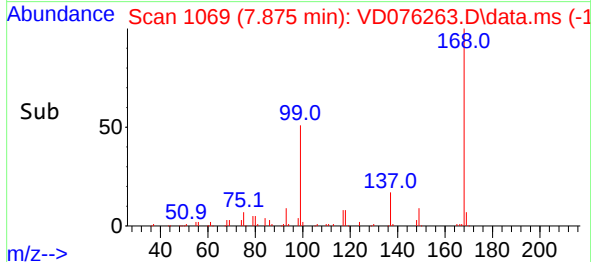
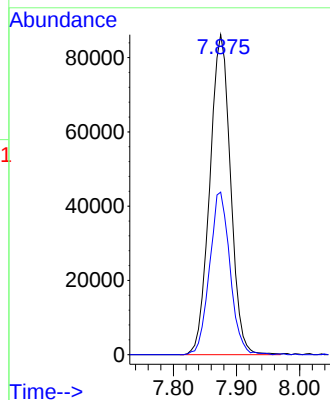
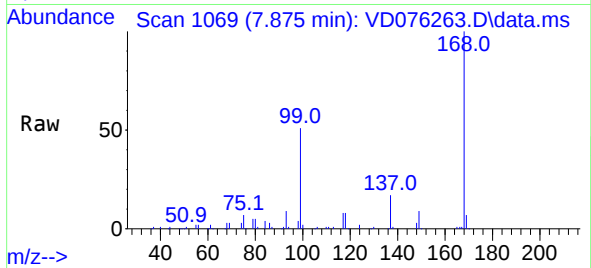




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

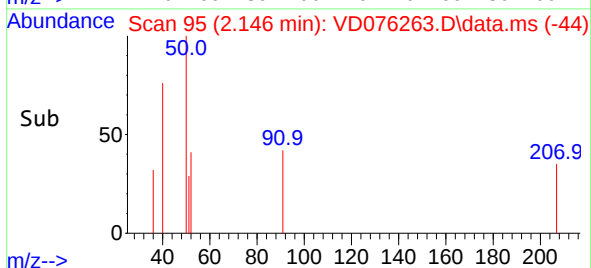
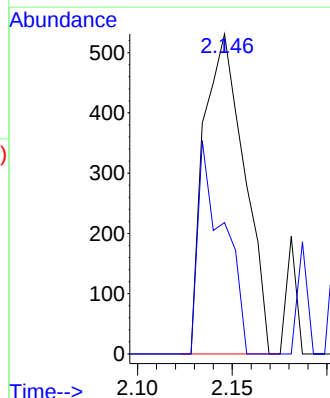
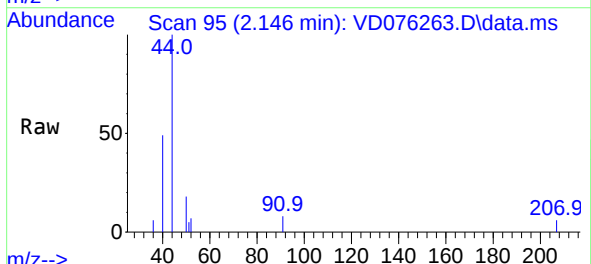
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

Tgt Ion:168 Resp: 196833
Ion Ratio Lower Upper
168 100
99 50.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 50 Resp: 788
Ion Ratio Lower Upper
50 100
52 41.1 27.8 41.8

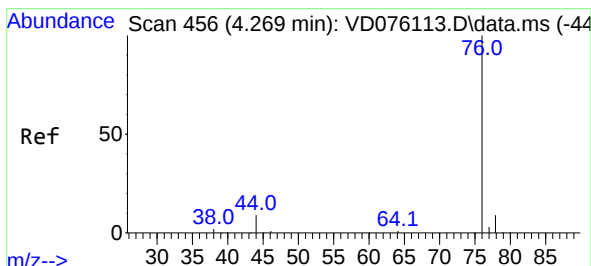
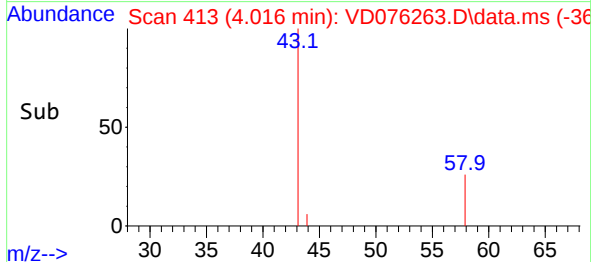
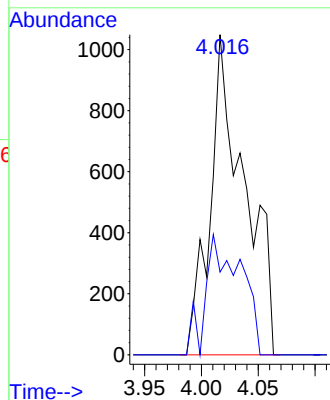
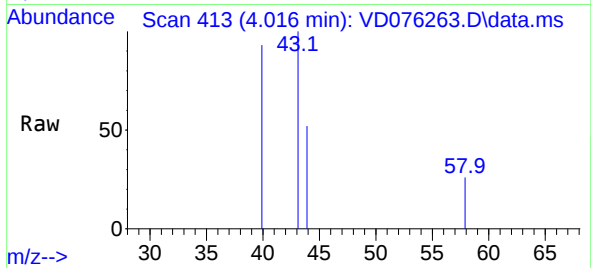




#16
Acetone
Concen: 5.868 ug/l
RT: 4.016 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

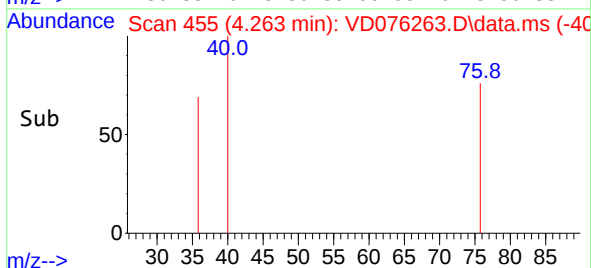
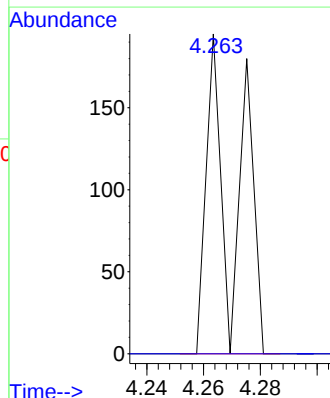
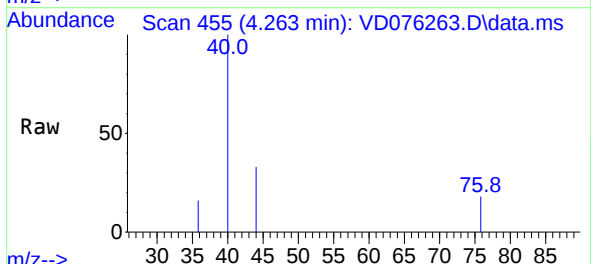
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

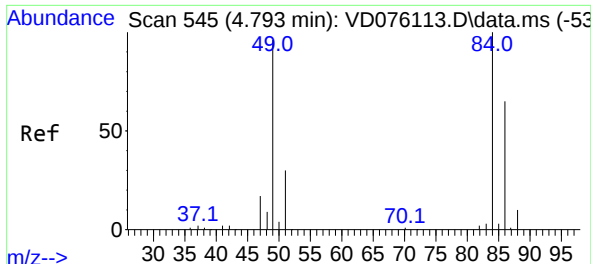
Tgt Ion: 43 Resp: 2221
Ion Ratio Lower Upper
43 100
58 25.8 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

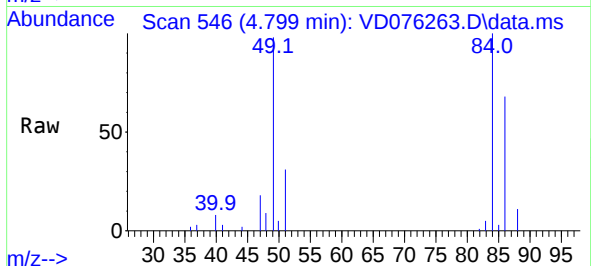
Tgt Ion: 76 Resp: 132
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#





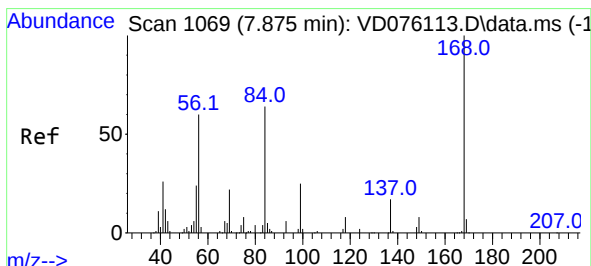
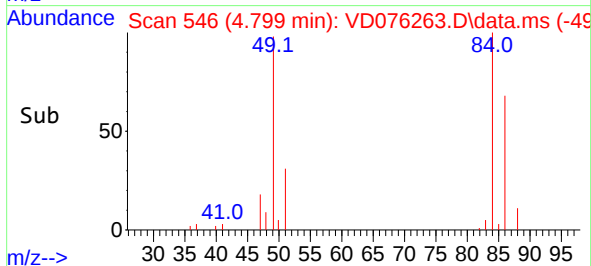
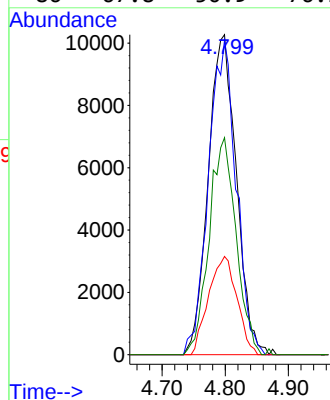
#20
Methylene Chloride
Concen: 2.150 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)



Tgt Ion: 84 Resp: 31793

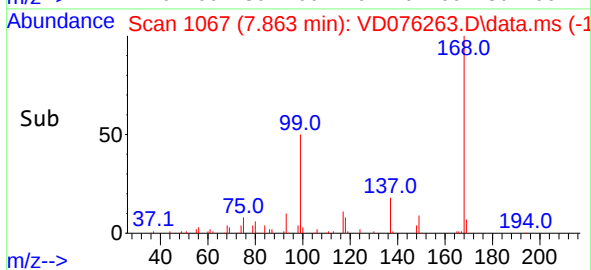
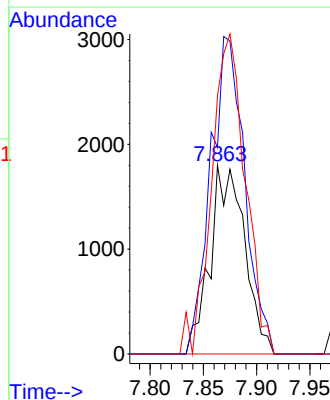
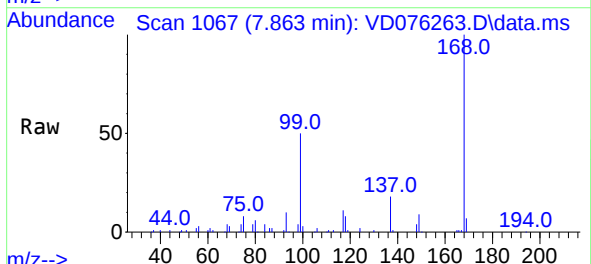
Ion	Ratio	Lower	Upper
84	100		
49	98.3	106.4	159.6#
51	30.7	32.4	48.6#
86	67.8	50.9	76.3

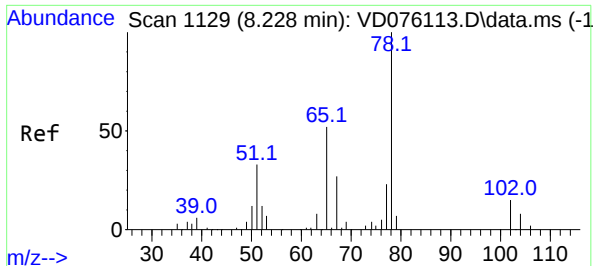


#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 56 Resp: 4048

Ion	Ratio	Lower	Upper
56	100		
69	109.4	25.5	38.3#
84	136.9	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 68.536 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076263.D

Acq: 26 May 2023 17:39

Instrument :

MSVOA_D

ClientSampleId :

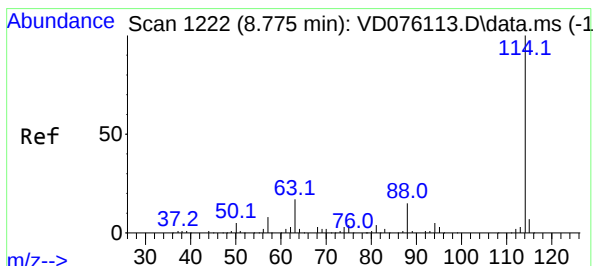
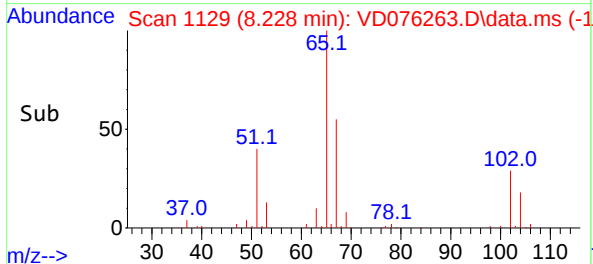
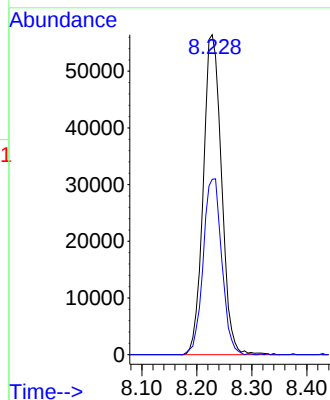
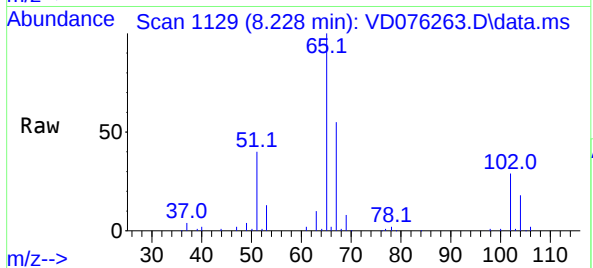
MID2-44(10-11)

Tgt Ion: 65 Resp: 130379

Ion Ratio Lower Upper

65 100

67 55.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076263.D

Acq: 26 May 2023 17:39

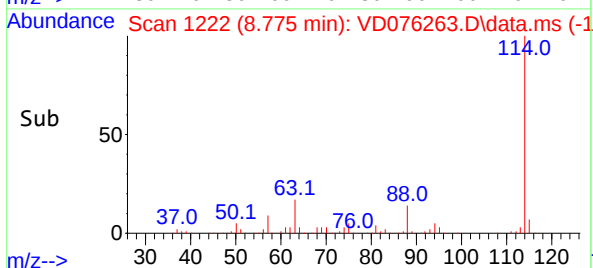
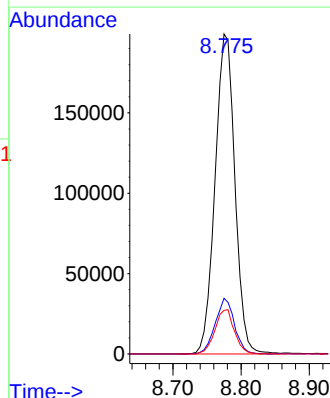
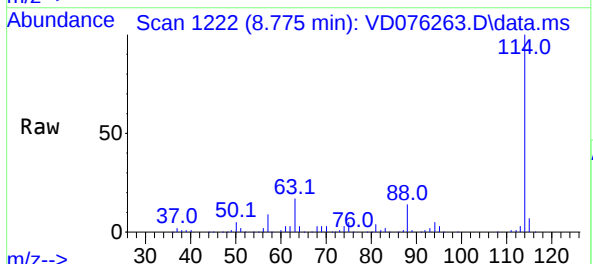
Tgt Ion: 114 Resp: 403313

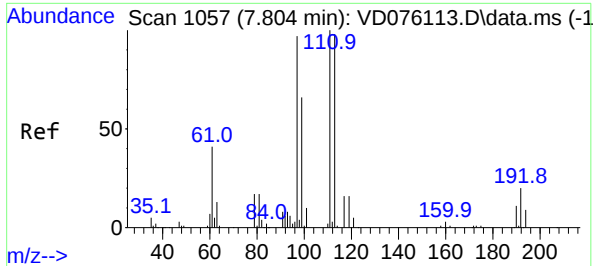
Ion Ratio Lower Upper

114 100

63 17.4 0.0 41.6

88 13.6 0.0 30.6



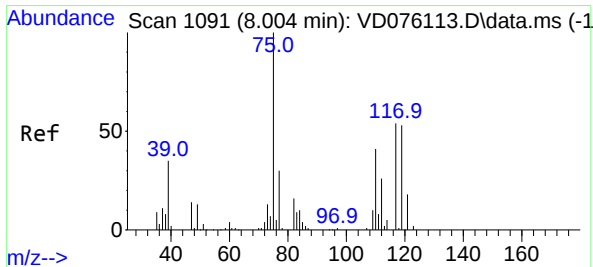
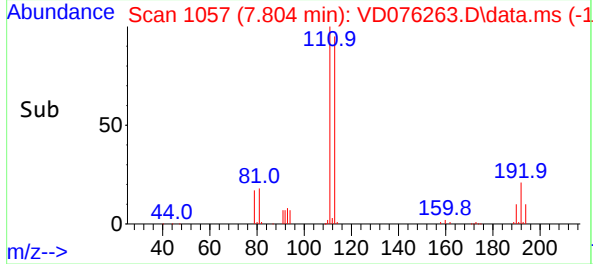
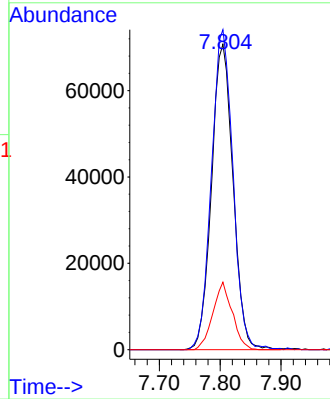
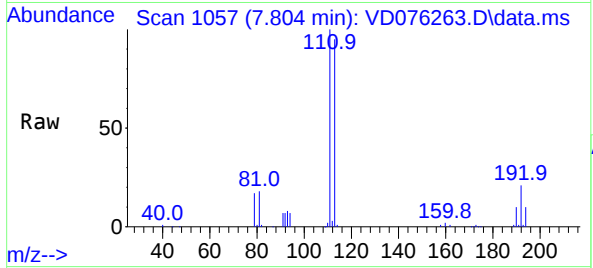


#35
 Dibromofluoromethane
 Concen: 62.285 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.001 min
 Lab File: VD076263.D
 Acq: 26 May 2023 17:39

Instrument : MSVOA_D
 ClientSampleId : MID2-44(10-11)

Tgt Ion: 113 Resp: 173636

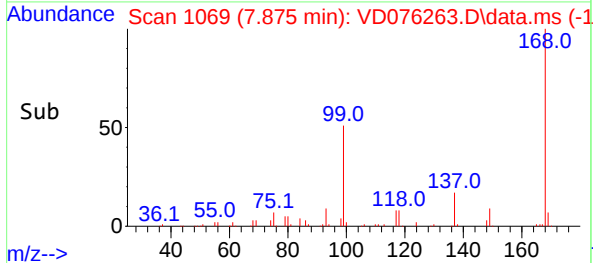
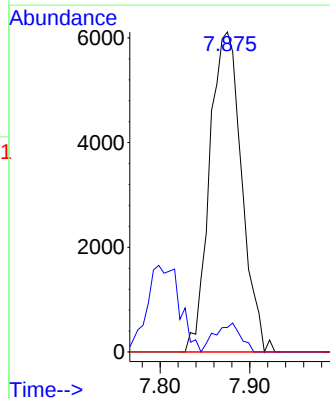
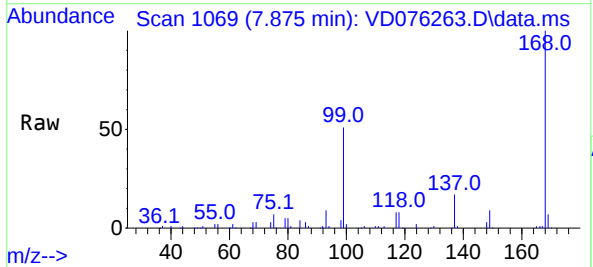
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.4	122.0
192	20.0	15.2	22.8

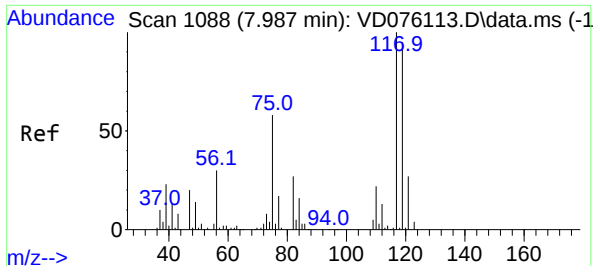


#36
 1,1-Dichloropropene
 Concen: 4.021 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.135 min
 Lab File: VD076263.D
 Acq: 26 May 2023 17:39

Tgt Ion: 75 Resp: 15138

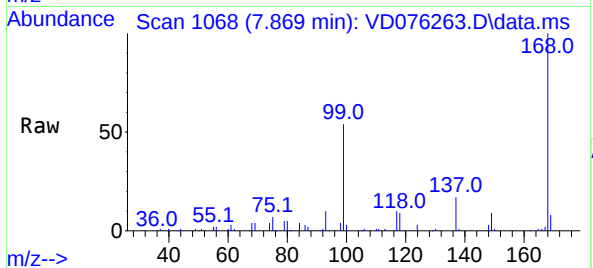
Ion	Ratio	Lower	Upper
75	100		
110	7.2	17.1	51.2#
77	0.0	24.6	36.8#



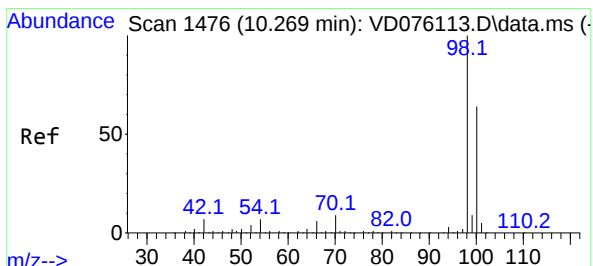
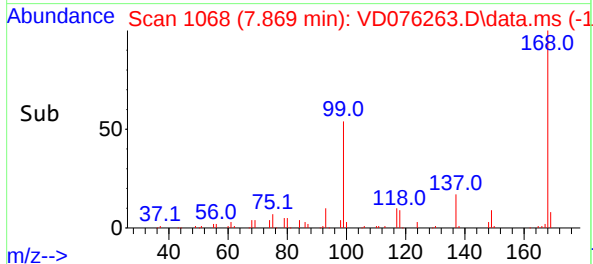
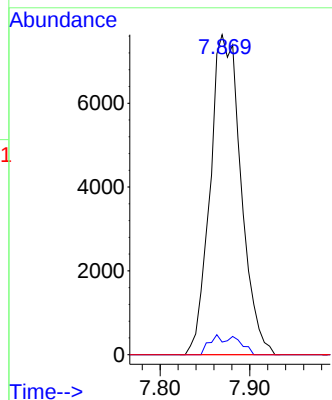


#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

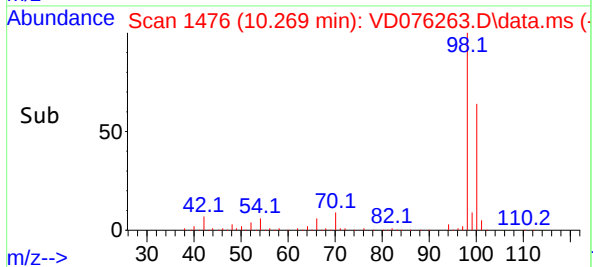
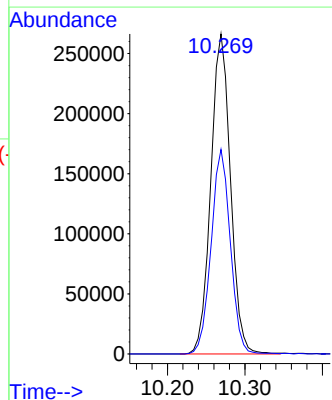
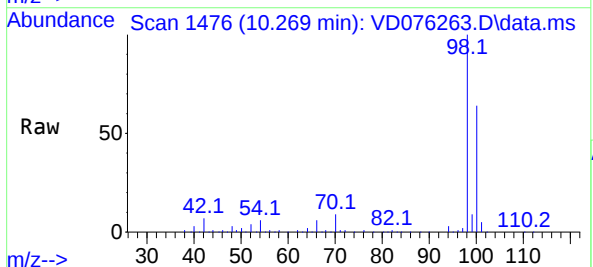


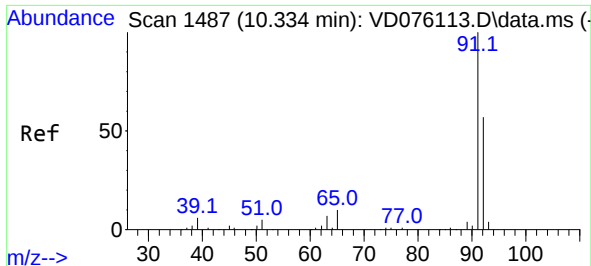
Tgt Ion:117 Resp: 18189
Ion Ratio Lower Upper
117 100
119 4.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 43.179 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 98 Resp: 469251
Ion Ratio Lower Upper
98 100
100 62.5 52.1 78.1

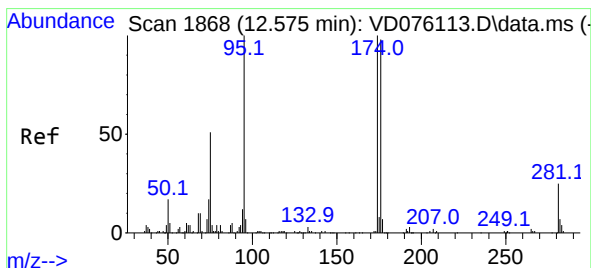
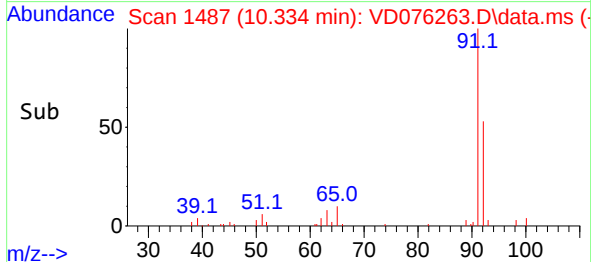
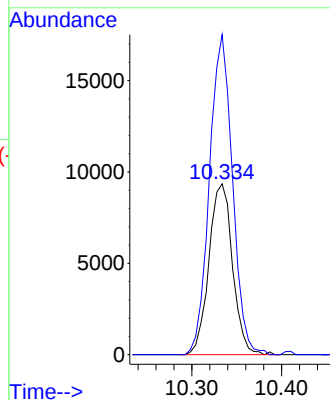
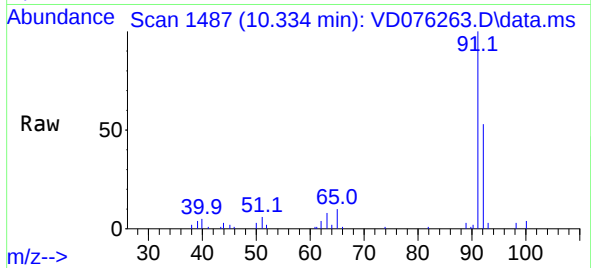




#52
Toluene
Concen: 2.257 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

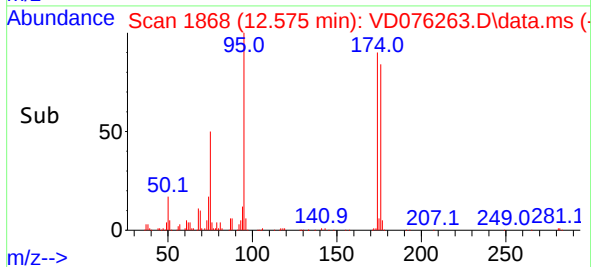
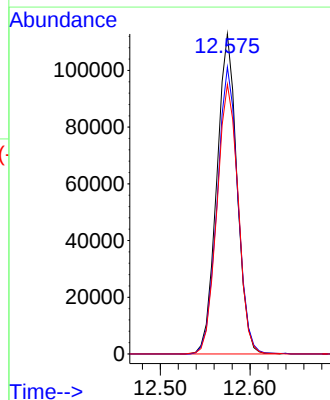
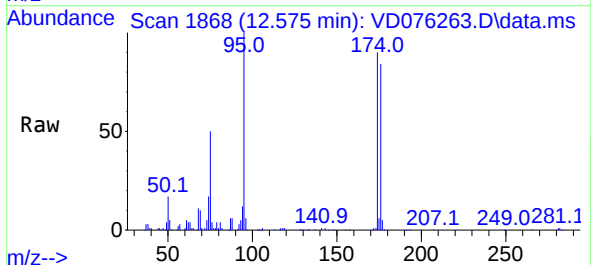
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

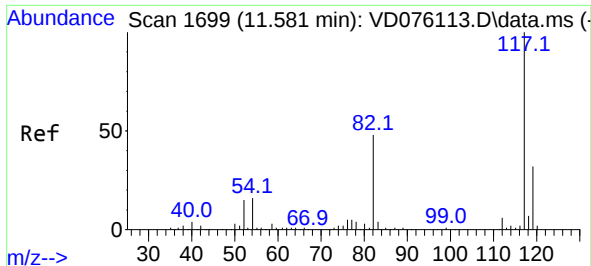
Tgt Ion: 92 Resp: 17064
Ion Ratio Lower Upper
92 100
91 183.0 136.5 204.7



#62
4-Bromofluorobenzene
Concen: 58.493 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 95 Resp: 176579
Ion Ratio Lower Upper
95 100
174 91.8 0.0 164.0
176 88.0 0.0 156.8

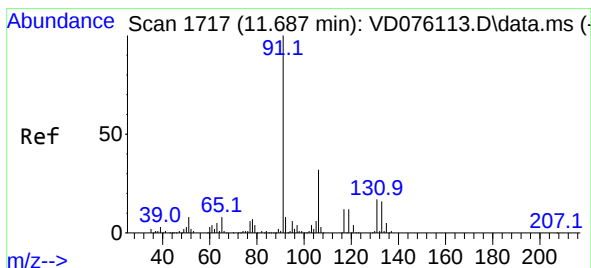
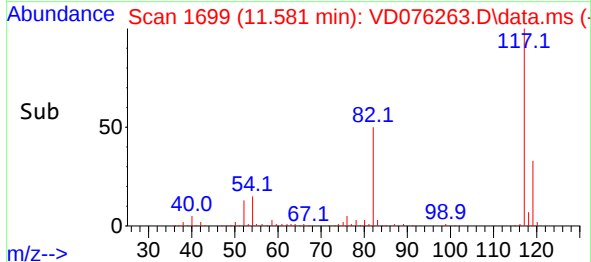
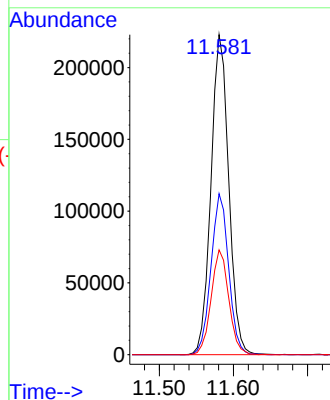
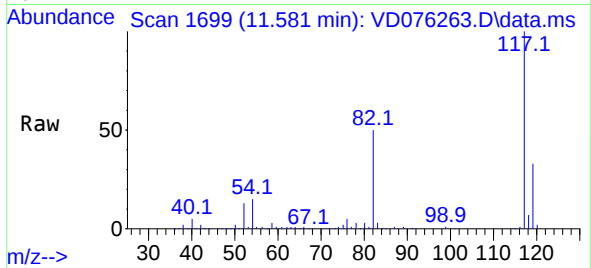




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

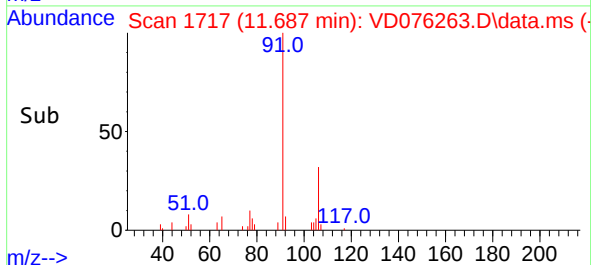
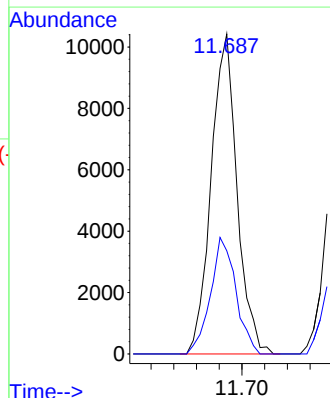
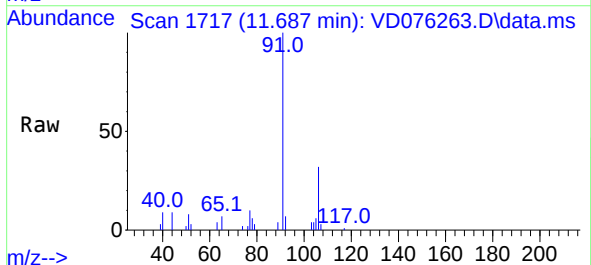
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

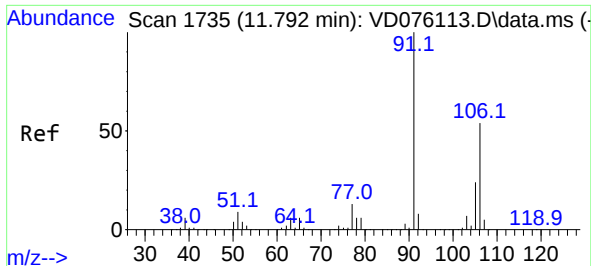
Tgt Ion:117 Resp: 370500
Ion Ratio Lower Upper
117 100
82 50.3 44.0 66.0
119 32.8 25.1 37.7



#67
Ethyl Benzene
Concen: 1.223 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 91 Resp: 16488
Ion Ratio Lower Upper
91 100
106 32.2 24.5 36.7

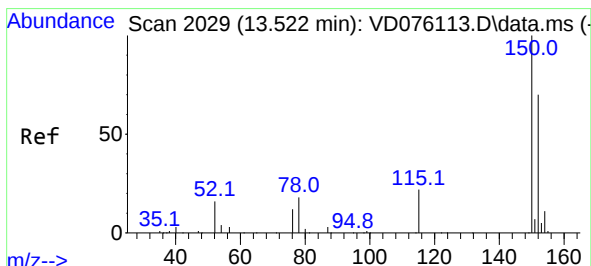
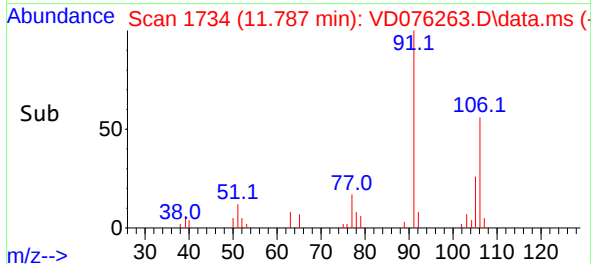
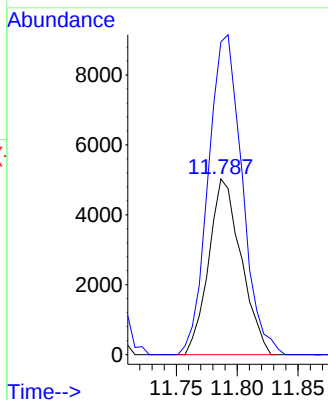
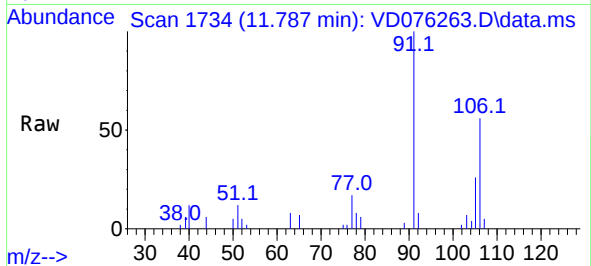




#68
m/p-Xylenes
Concen: 1.692 ug/l
RT: 11.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

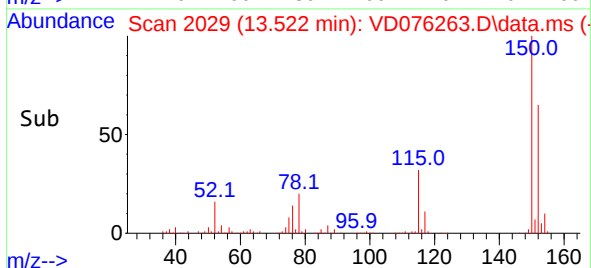
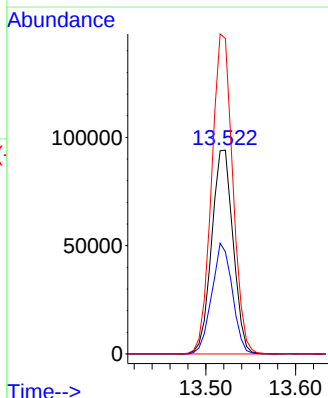
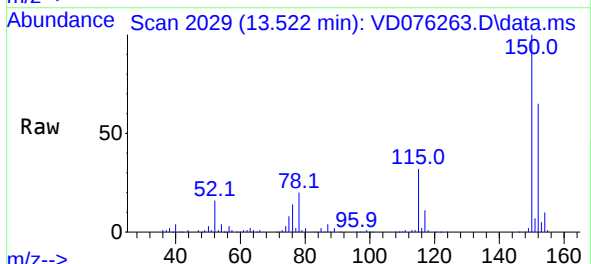
Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

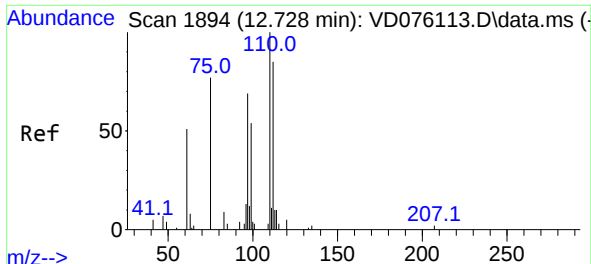
Tgt Ion:106 Resp: 9318
Ion Ratio Lower Upper
106 100
91 189.7 161.5 242.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion:152 Resp: 156498
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 154.5 0.0 364.8

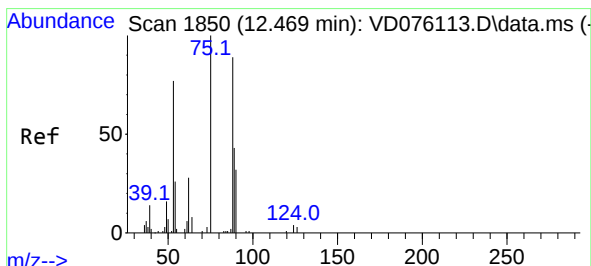
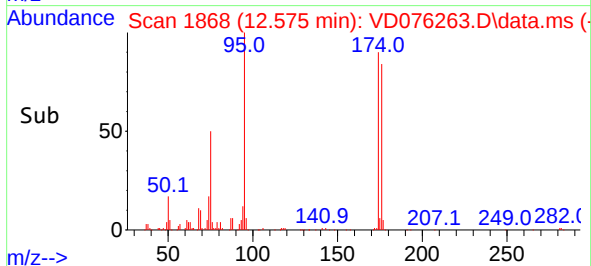
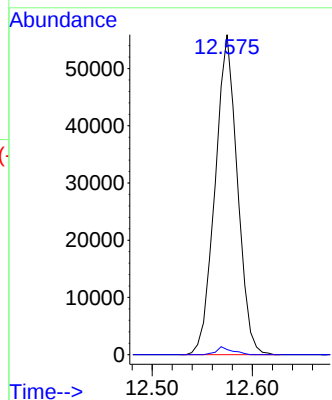
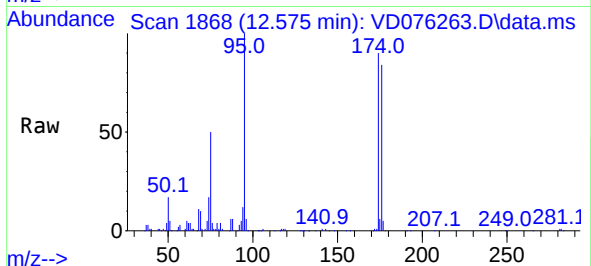




#76
1,2,3-Trichloropropane
Concen: 63.060 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Instrument :
MSVOA_D
ClientSampleId :
MID2-44(10-11)

Tgt Ion: 75 Resp: 86360
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.289 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076263.D
Acq: 26 May 2023 17:39

Tgt Ion: 75 Resp: 86360
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

