

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076266.D
 Acq On : 26 May 2023 19:10
 Operator : KP/SY
 Sample : 02957-04
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-10-0A

Quant Time: May 26 23:17:15 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)

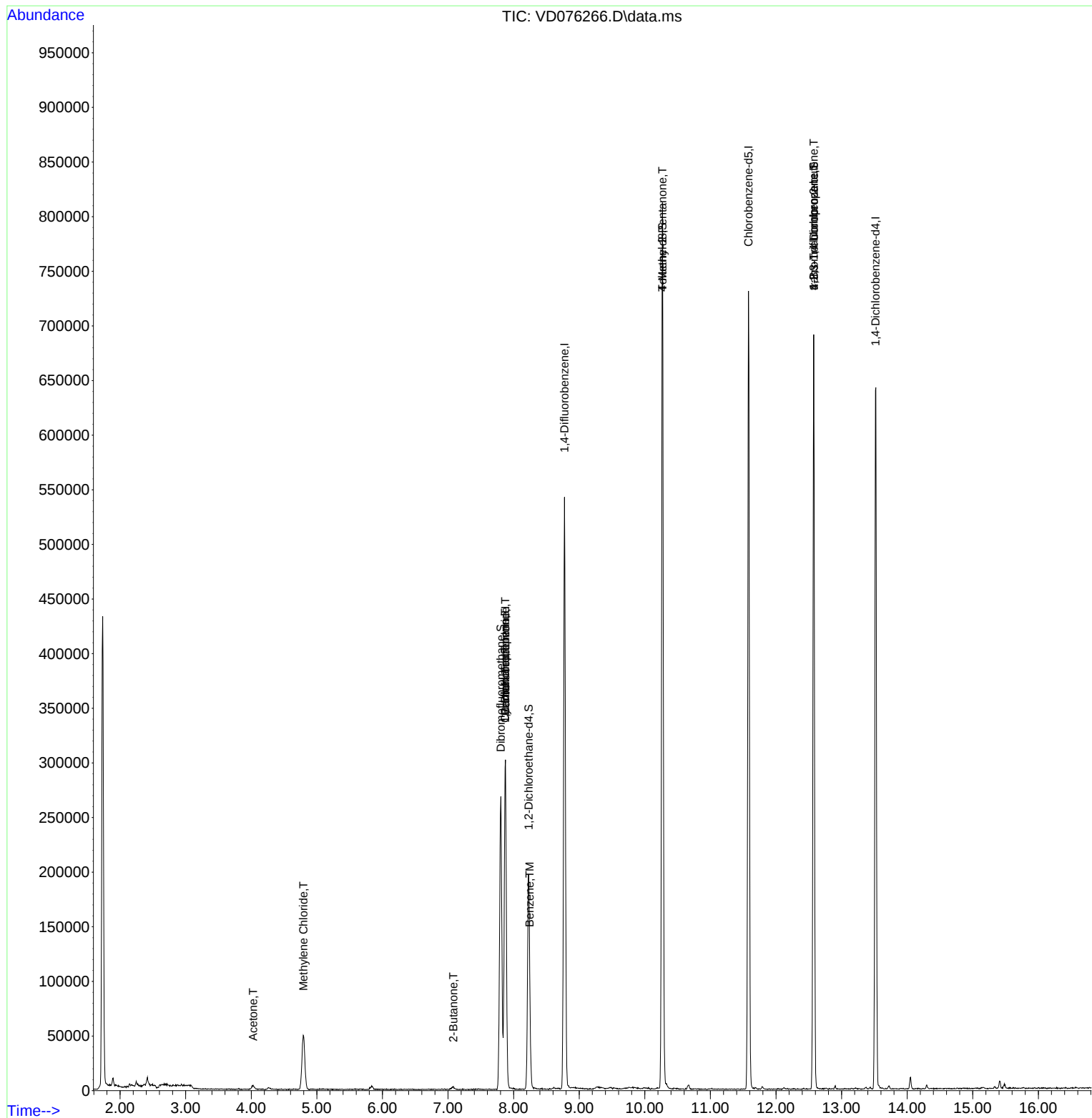
Internal Standards						
1) Pentafluorobenzene	7.875	168	247785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	497599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	452976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	190001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	146517	61.182	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.805	113	196895	57.245	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.500%	
50) Toluene-d8	10.269	98	583893	43.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.100%	
62) 4-Bromofluorobenzene	12.575	95	205209	55.096	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	766	Below Cal	#	76
16) Acetone	4.028	43	6191	12.993	ug/l	93
17) Carbon Disulfide	4.258	76	2764	Below Cal	#	73
20) Methylene Chloride	4.793	84	43744	3.294	ug/l	# 76
25) 2-Butanone	7.081	43	1154	1.926	ug/l	93
31) Cyclohexane	7.869	56	4985	1.359	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	19262	4.147	ug/l	# 48
38) Carbon Tetrachloride	7.875	117	22183	5.287	ug/l	# 17
40) Benzene	8.246	78	18518	1.240	ug/l	99
51) 4-Methyl-2-Pentanone	10.269	43	1689	1.057	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	102938	61.911	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	102938	129.880	ug/l	# 5

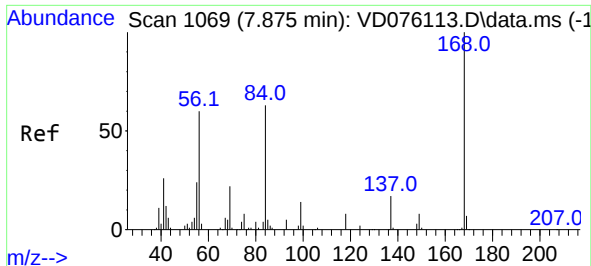
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
Data File : VD076266.D
Acq On : 26 May 2023 19:10
Operator : KP/SY
Sample : 02957-04
Misc : 5.10G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

Quant Time: May 26 23:17:15 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

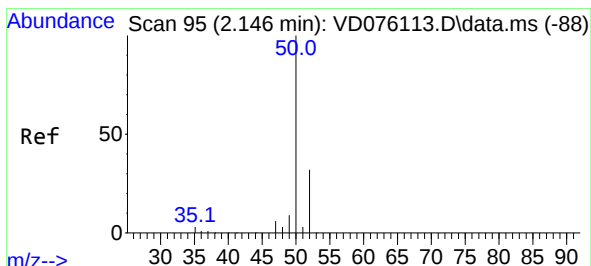
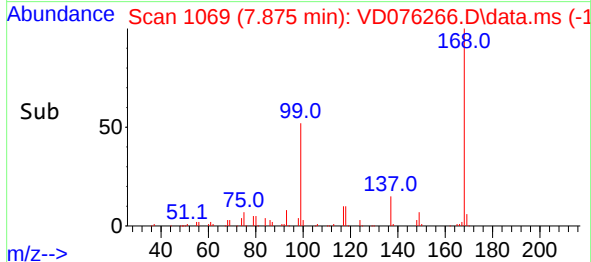
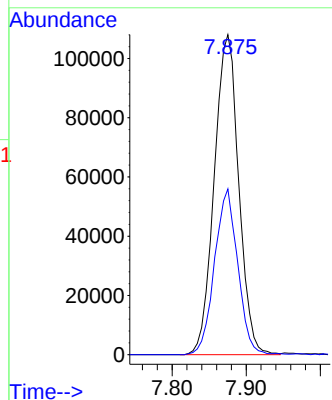
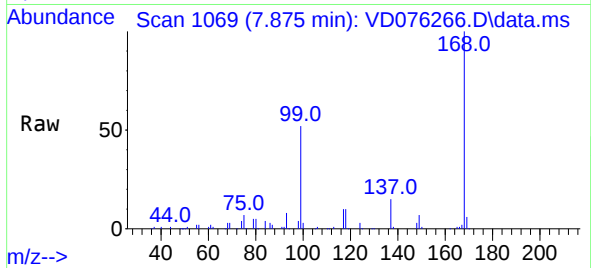




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

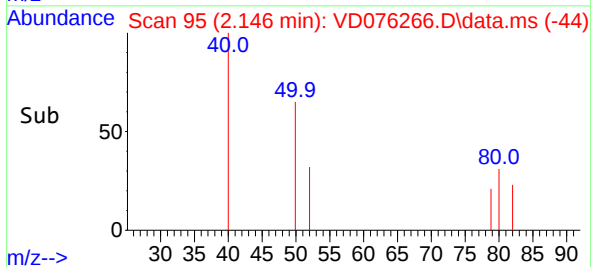
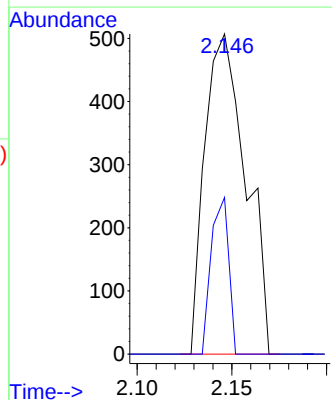
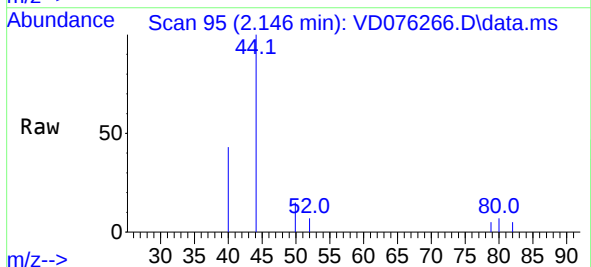
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

Tgt Ion:168 Resp: 247785
Ion Ratio Lower Upper
168 100
99 51.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 50 Resp: 766
Ion Ratio Lower Upper
50 100
52 48.9 27.8 41.8#

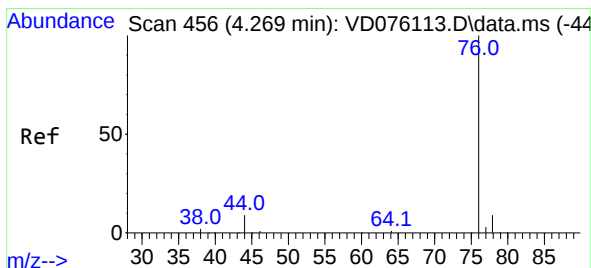
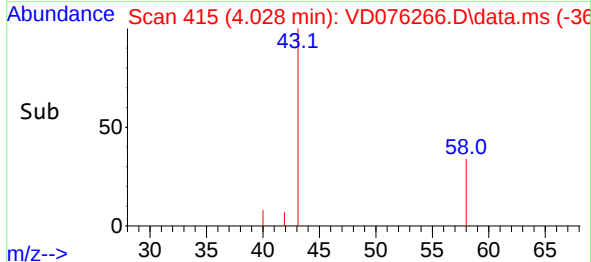
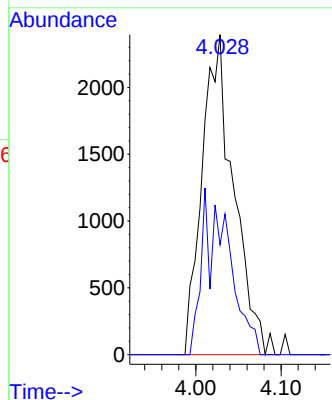
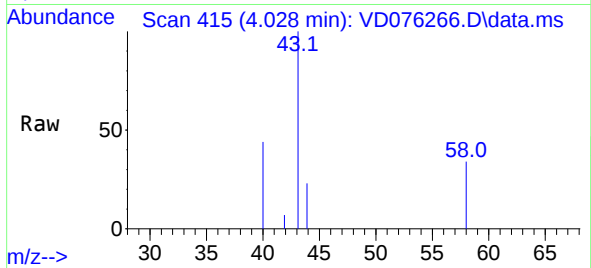




#16
Acetone
Concen: 12.993 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

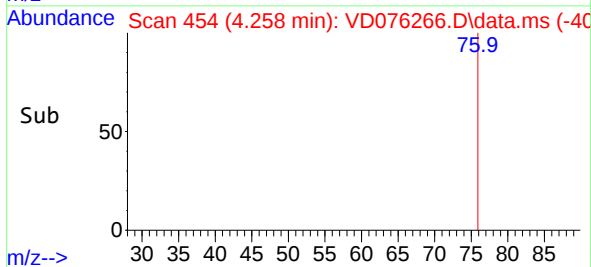
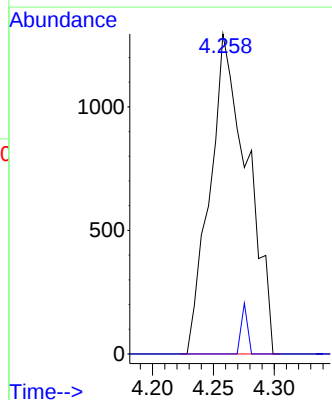
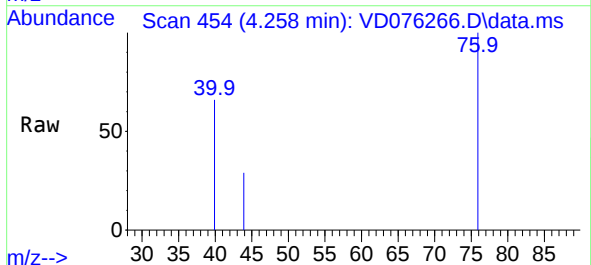
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

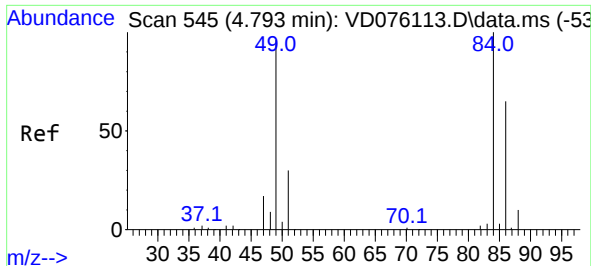
Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
58 34.4 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

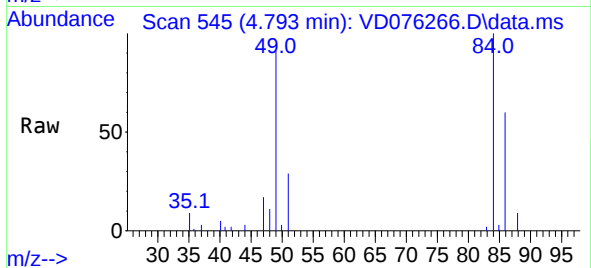
Tgt Ion: 76 Resp: 2764
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#





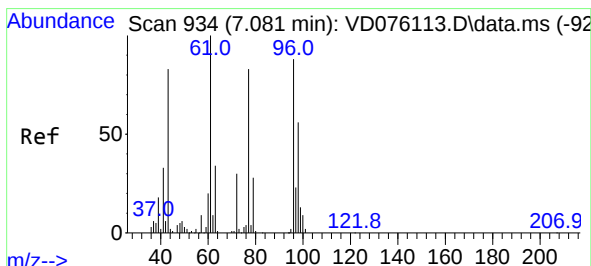
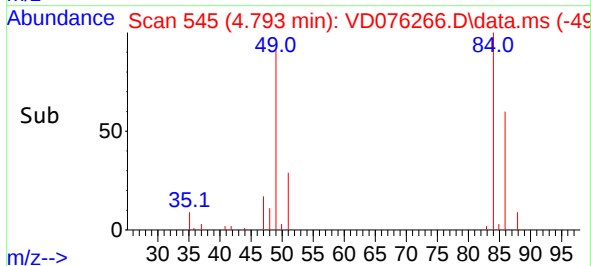
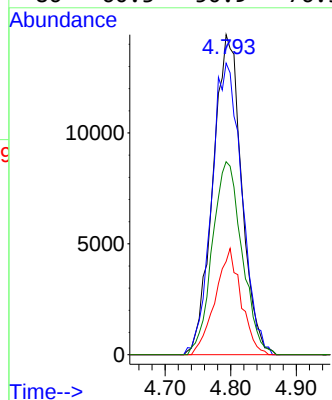
#20
Methylene Chloride
Concen: 3.294 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A



Tgt Ion: 84 Resp: 43744

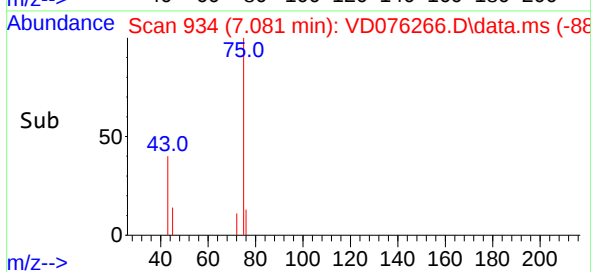
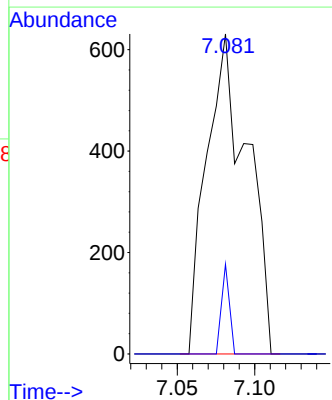
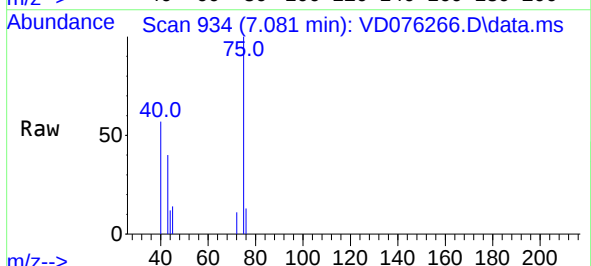
Ion	Ratio	Lower	Upper
84	100		
49	91.1	106.4	159.6#
51	29.1	32.4	48.6#
86	60.3	50.9	76.3

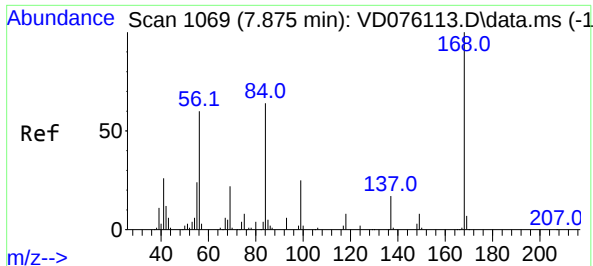


#25
2-Butanone
Concen: 1.926 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 43 Resp: 1154

Ion	Ratio	Lower	Upper
43	100		
72	28.1	19.8	29.8

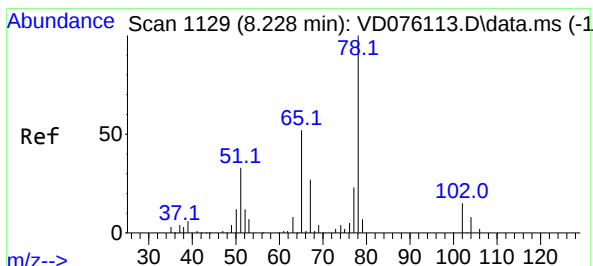
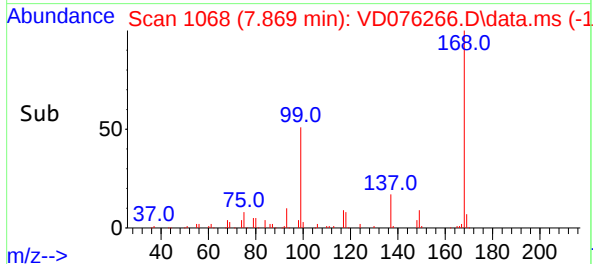
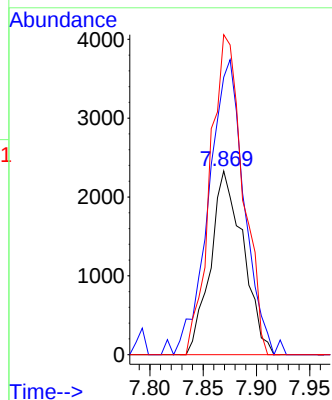
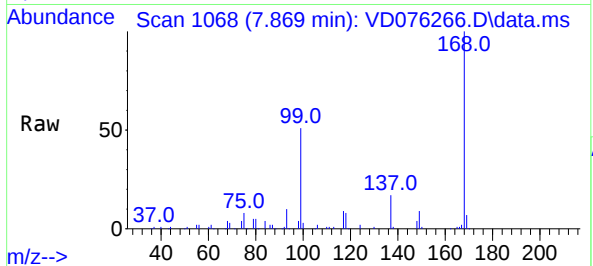




#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

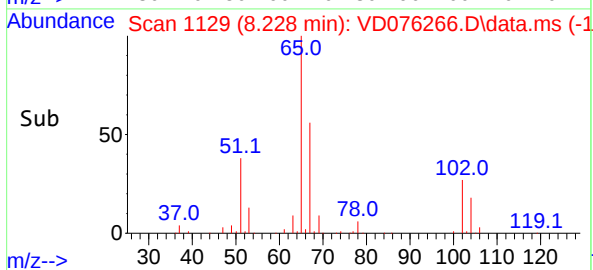
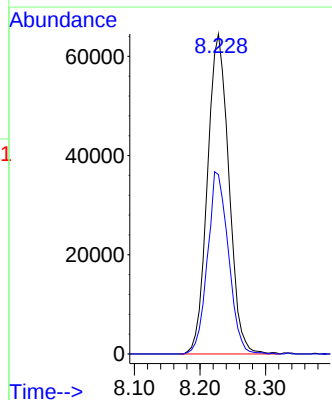
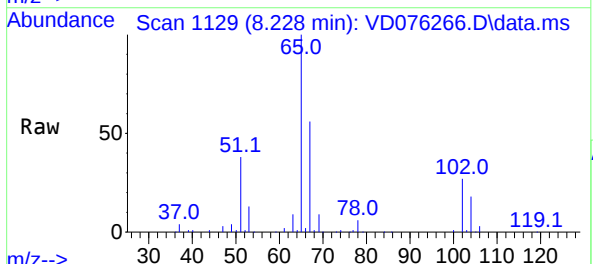
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

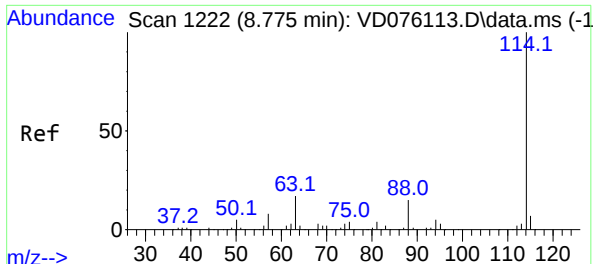
Tgt Ion: 56 Resp: 4985
Ion Ratio Lower Upper
56 100
69 143.5 25.5 38.3#
84 174.3 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 61.182 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 65 Resp: 146517
Ion Ratio Lower Upper
65 100
67 55.5 0.0 102.2

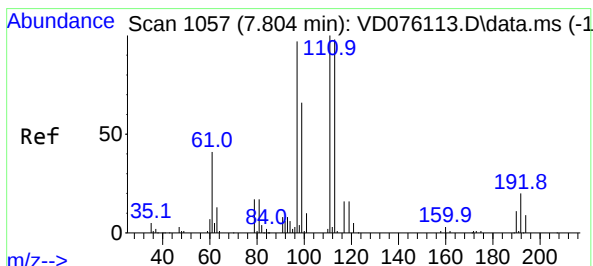
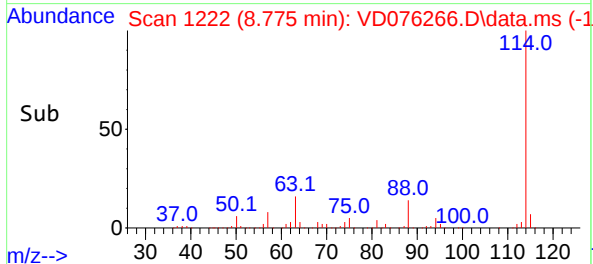
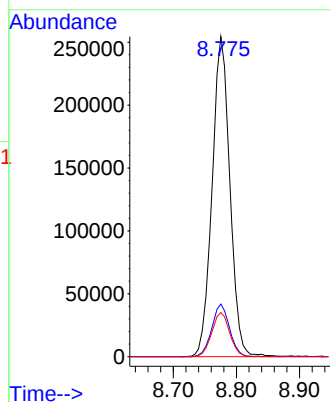
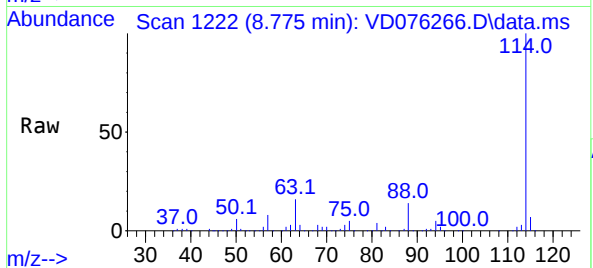




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 114
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

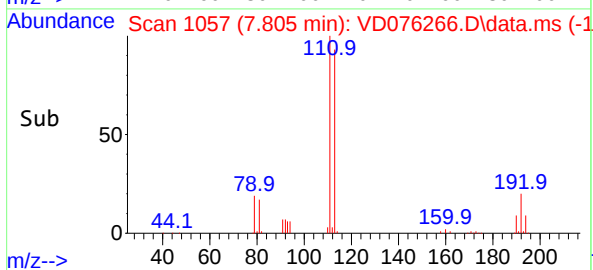
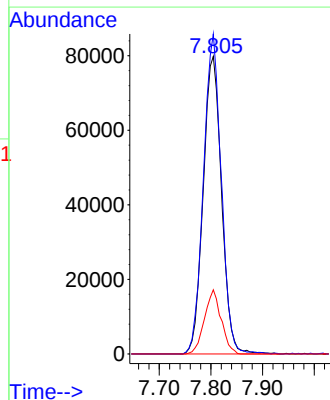
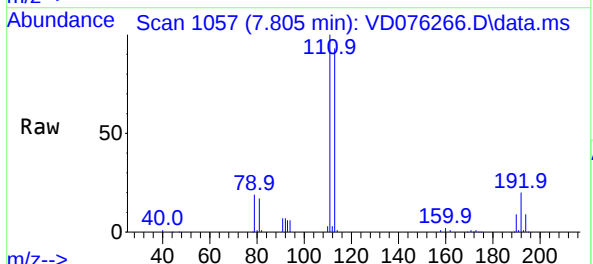
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

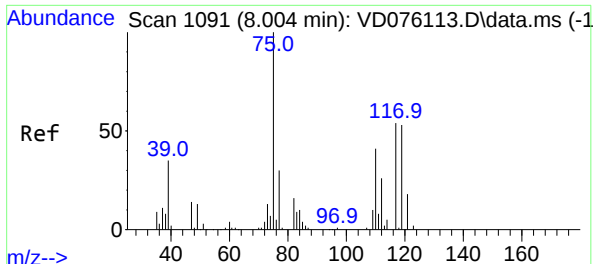
Tgt Ion:114 Resp: 497599
Ion Ratio Lower Upper
114 100
63 16.5 0.0 41.6
88 13.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.245 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion:113 Resp: 196895
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.6 15.2 22.8

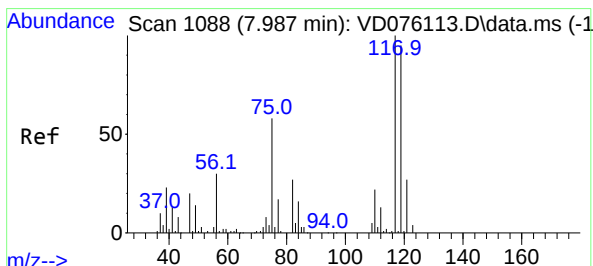
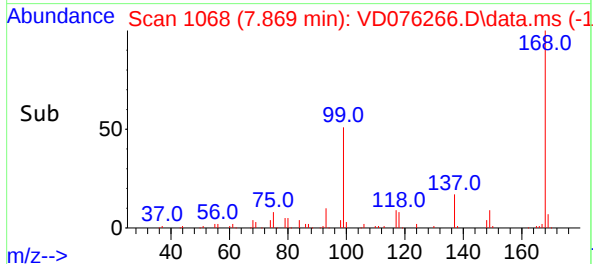
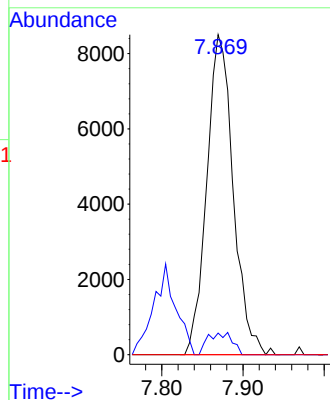
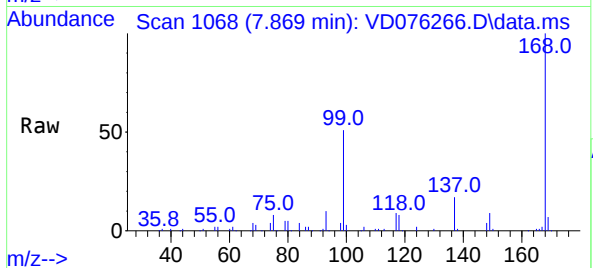




#36
1,1-Dichloropropene
Concen: 4.147 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

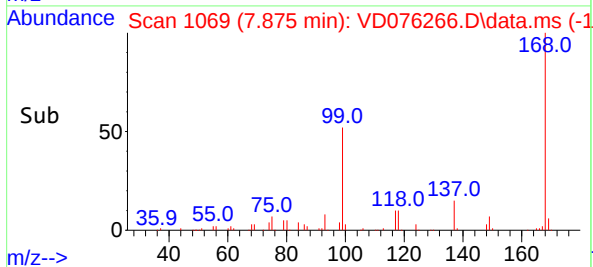
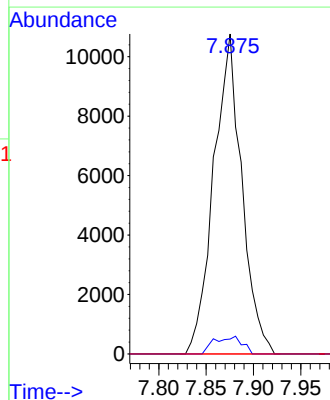
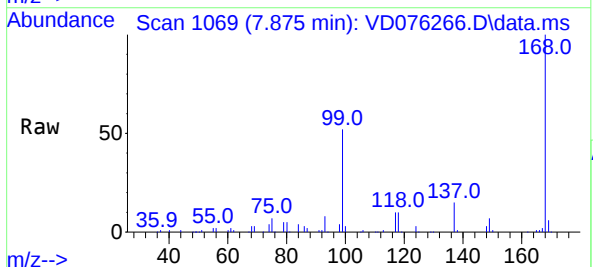
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

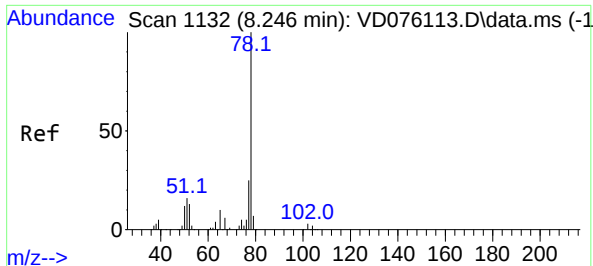
Tgt Ion: 75 Resp: 19262
Ion Ratio Lower Upper
75 100
110 6.3 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.287 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 117 Resp: 22183
Ion Ratio Lower Upper
117 100
119 4.7 74.7 112.1#
121 0.0 25.9 38.9#

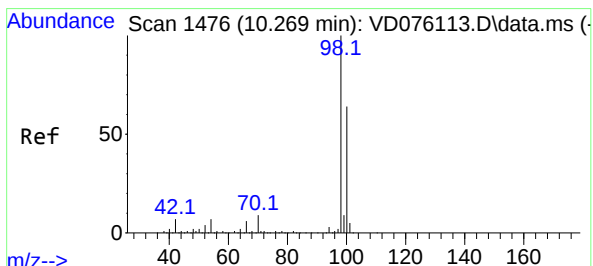
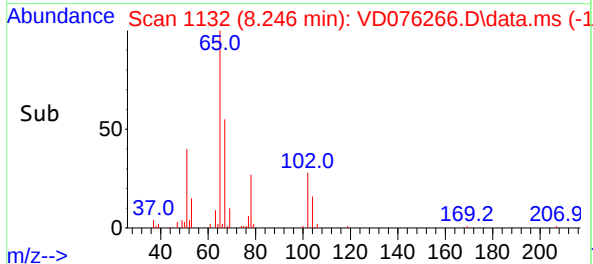
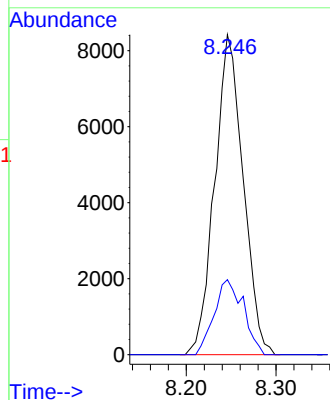
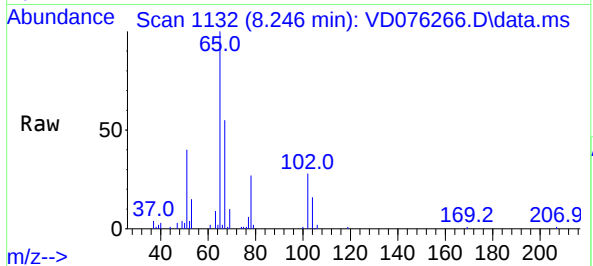




#40
Benzene
Concen: 1.240 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

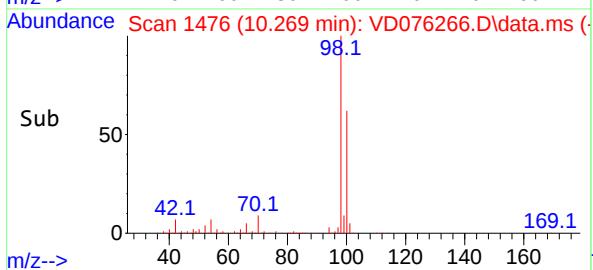
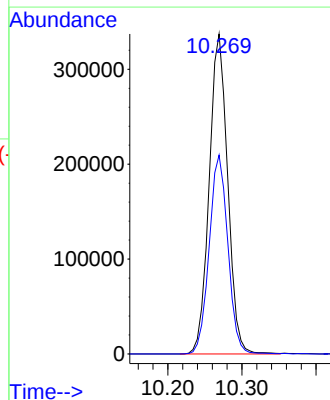
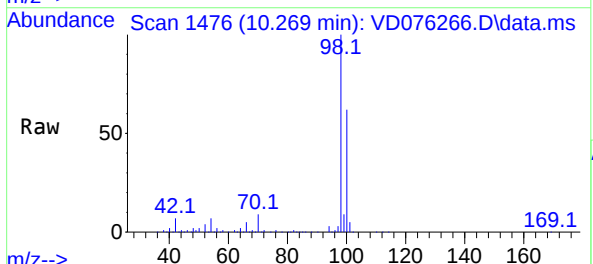
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

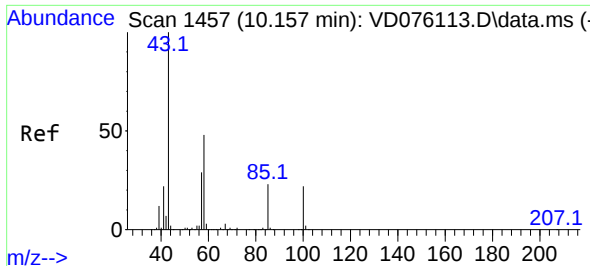
Tgt Ion: 78 Resp: 18518
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



#50
Toluene-d8
Concen: 43.548 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 98 Resp: 583893
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1

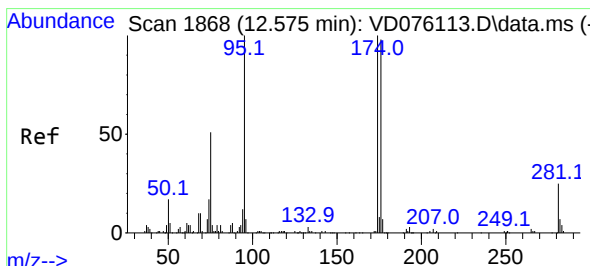
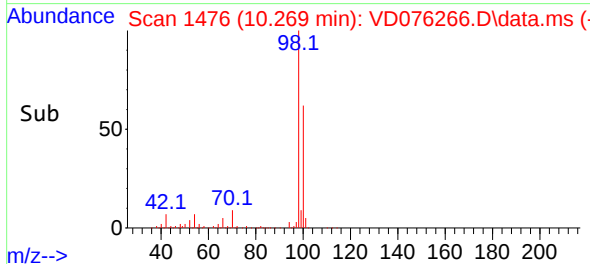
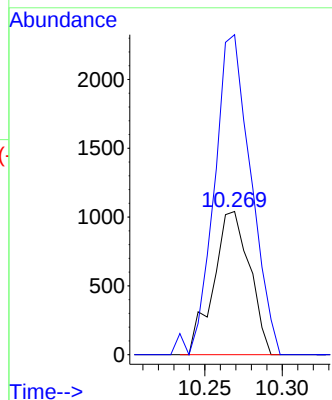
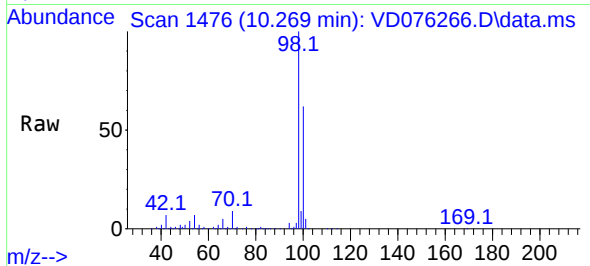




#51
4-Methyl-2-Pentanone
Concen: 1.057 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

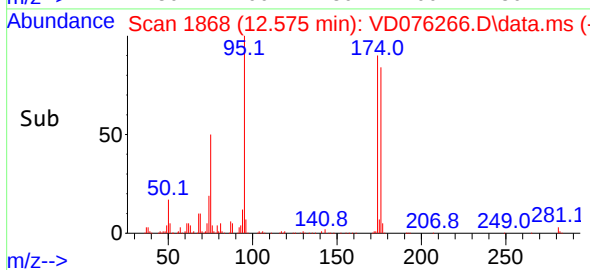
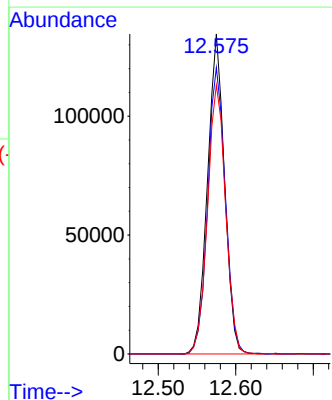
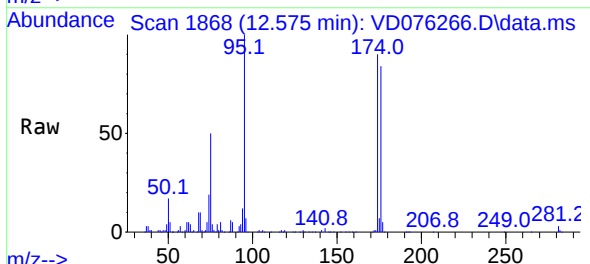
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

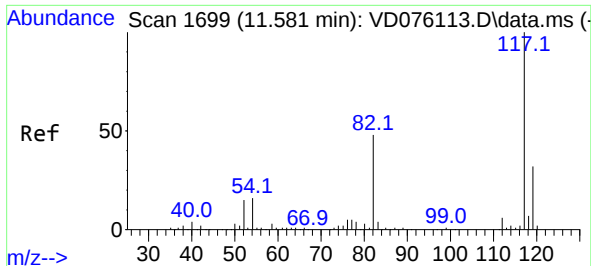
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 226.8 29.5 44.3#



#62
4-Bromofluorobenzene
Concen: 55.096 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 95 Resp: 205209
Ion Ratio Lower Upper
95 100
174 93.1 0.0 164.0
176 88.8 0.0 156.8

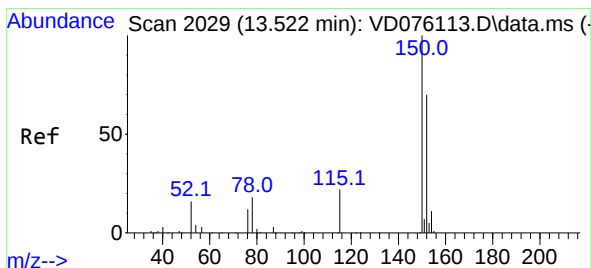
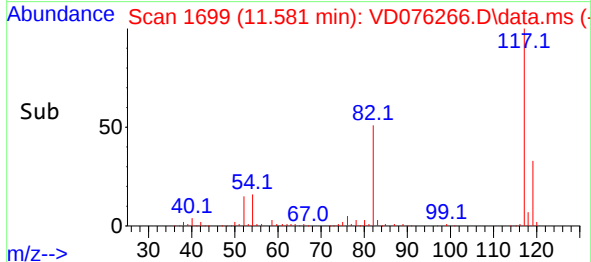
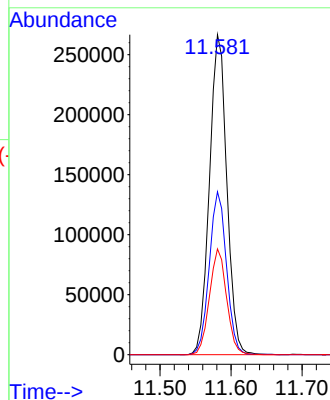
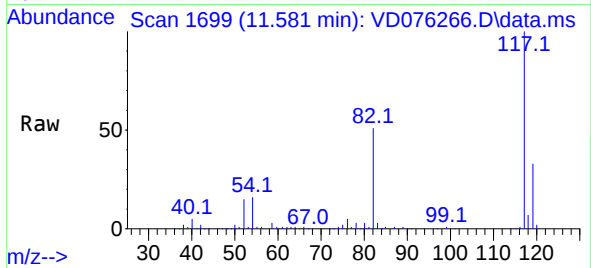




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

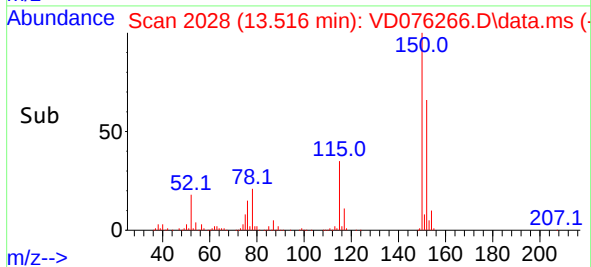
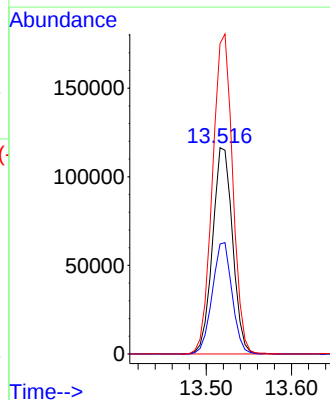
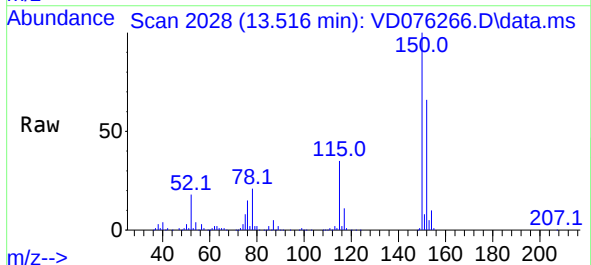
Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

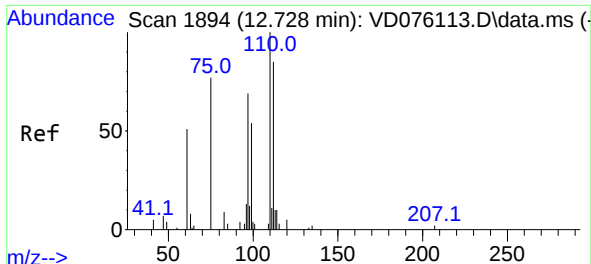
Tgt Ion:117 Resp: 452976
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion:152 Resp: 190001
Ion Ratio Lower Upper
152 100
115 53.4 30.1 90.3
150 156.3 0.0 364.8

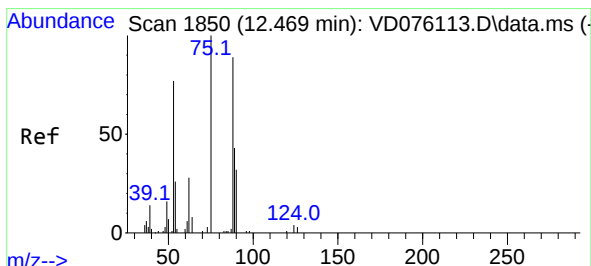
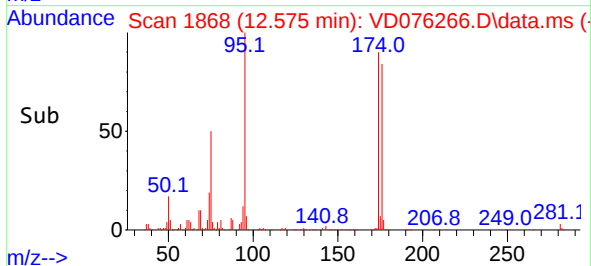
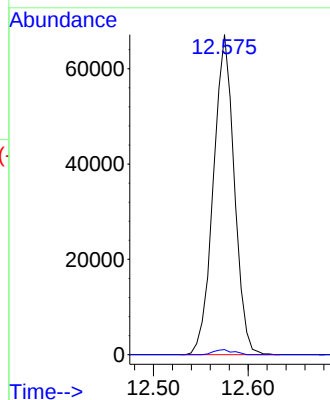
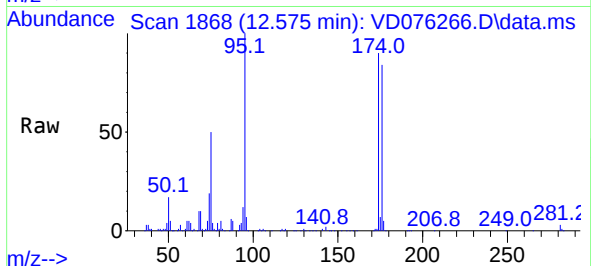




#76
1,2,3-Trichloropropane
Concen: 61.911 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Instrument :
MSVOA_D
ClientSampleId :
TP-10-0A

Tgt Ion: 75 Resp: 102938
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.880 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076266.D
Acq: 26 May 2023 19:10

Tgt Ion: 75 Resp: 102938
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 40.2 60.4#

