

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076869.D
 Acq On : 31 Jul 2023 12:41
 Operator : KP/SY
 Sample : VD0728SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0731SBL01

Quant Time: Aug 01 02:09:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

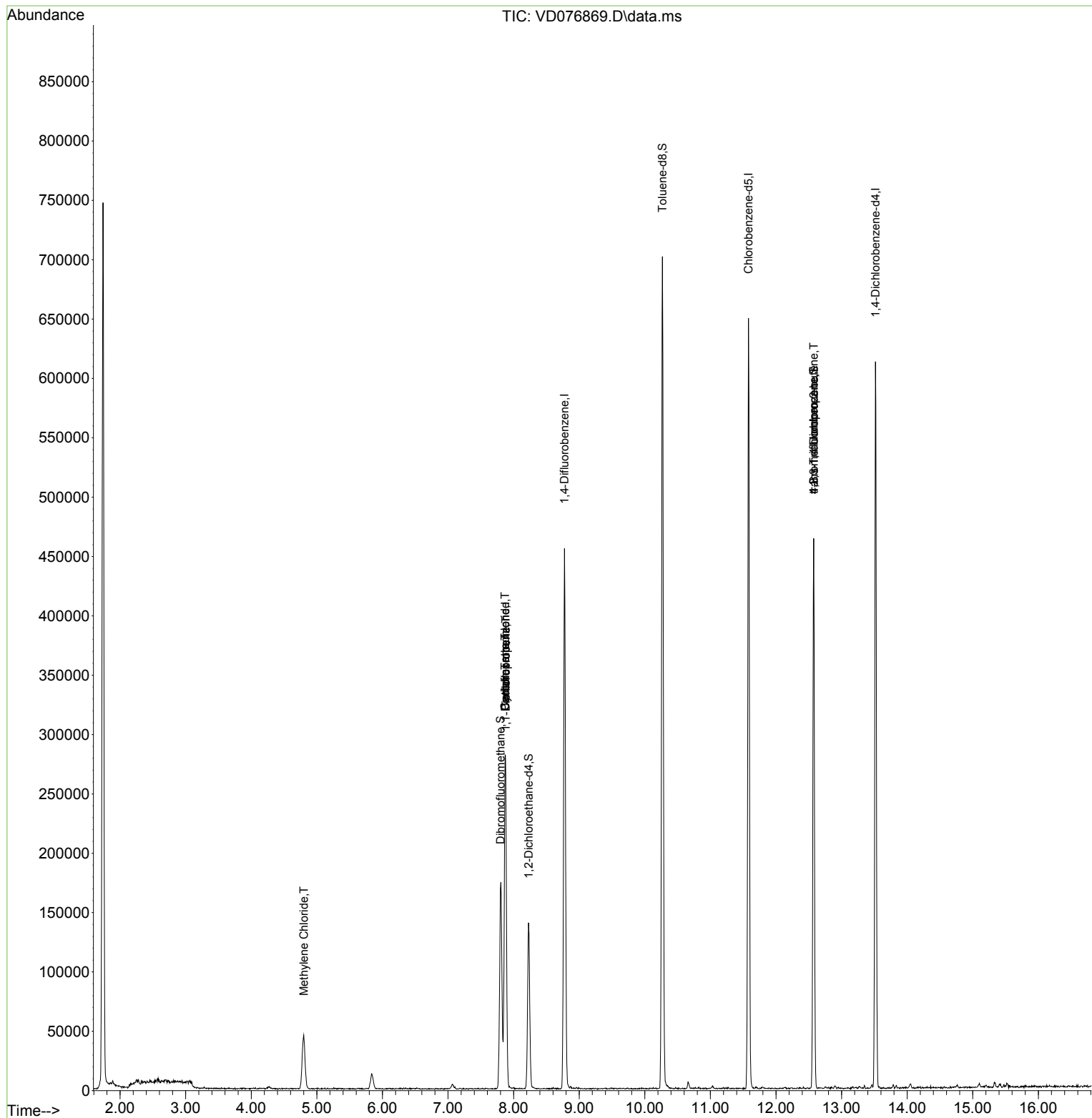
Internal Standards						
1) Pentafluorobenzene	7.875	168	224933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	421712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	381470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	107496	47.981	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.799	113	129845	48.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.269	98	505464	53.317	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.575	95	141655	46.189	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.380%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	36384	1.411	ug/l	95
31) Cyclohexane	7.869	56	4550	1.380	ug/l #	40
36) 1,1-Dichloropropene	7.881	75	18345	5.298	ug/l #	47
38) Carbon Tetrachloride	7.869	117	22807	6.878	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	75014	48.198	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	75014	102.577	ug/l #	17

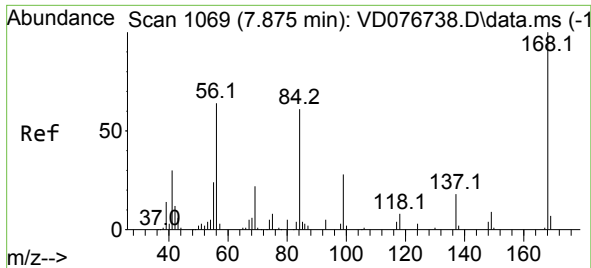
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
Data File : VD076869.D
Acq On : 31 Jul 2023 12:41
Operator : KP/SY
Sample : VD0728SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

Quant Time: Aug 01 02:09:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

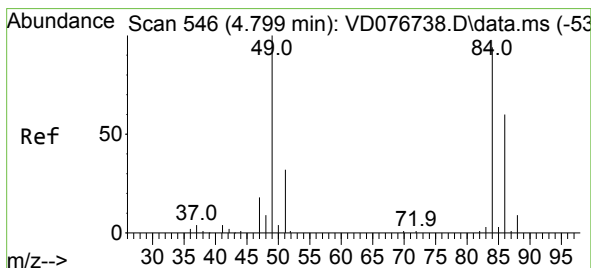
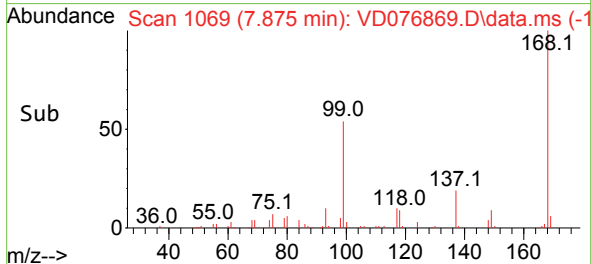
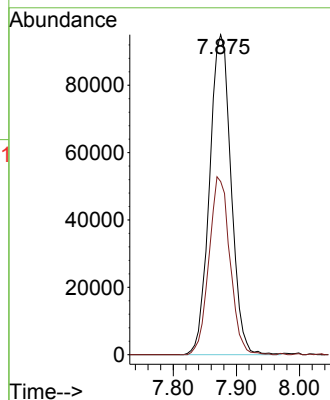
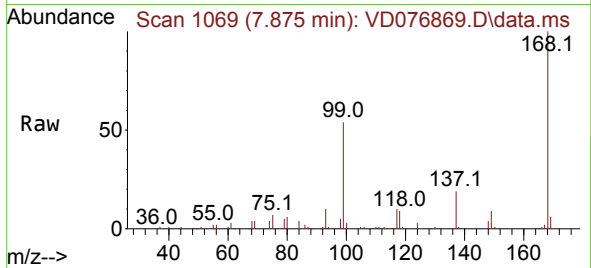




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

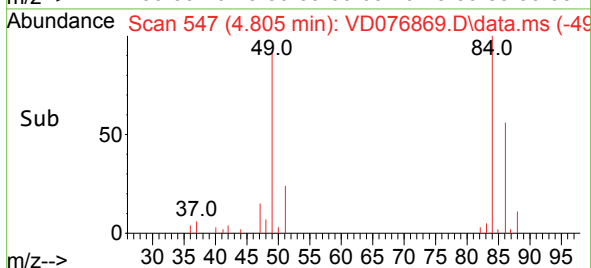
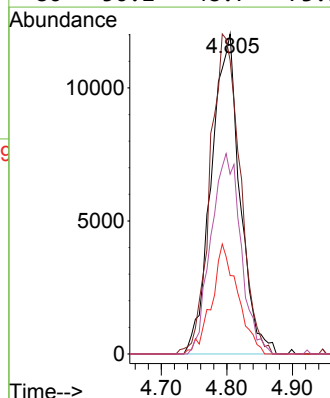
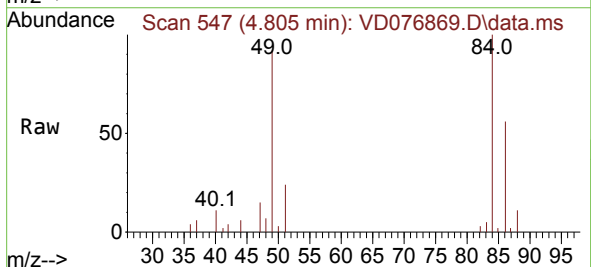
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

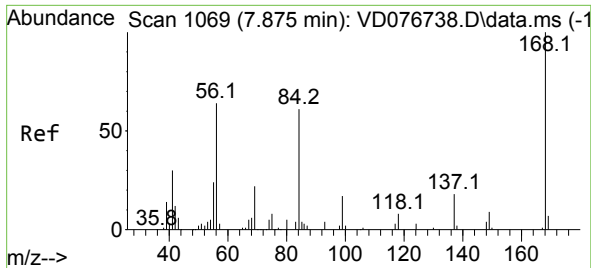
Tgt Ion:168 Resp: 224933
Ion Ratio Lower Upper
168 100
99 54.1 36.7 55.1



#20
Methylene Chloride
Concen: 1.411 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion: 84 Resp: 36384
Ion Ratio Lower Upper
84 100
49 91.8 71.4 107.2
51 24.5 24.5 36.7
86 56.2 48.7 73.1

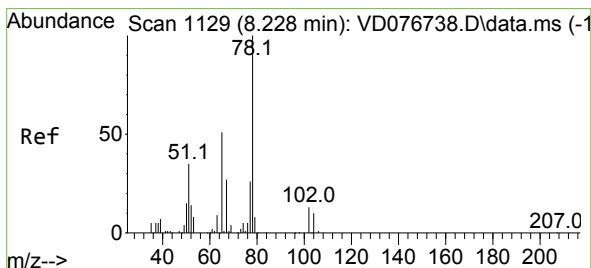
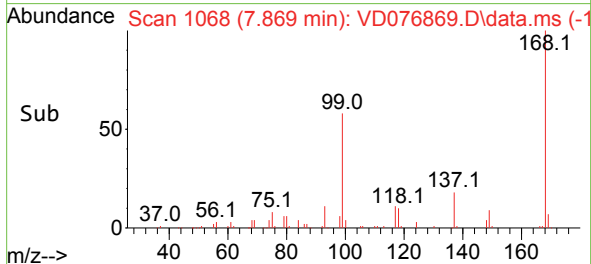
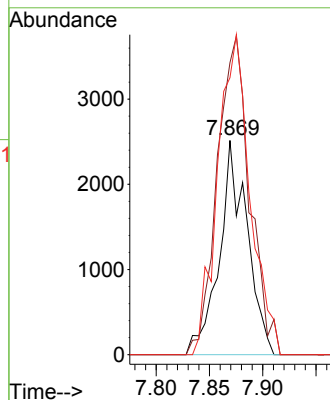
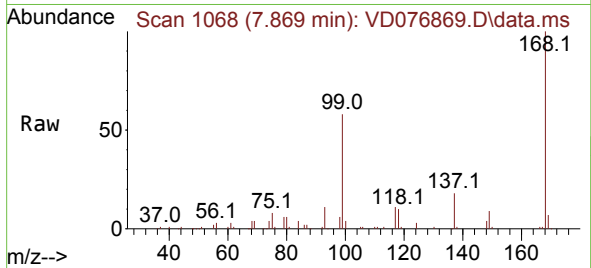




#31
Cyclohexane
Concen: 1.380 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

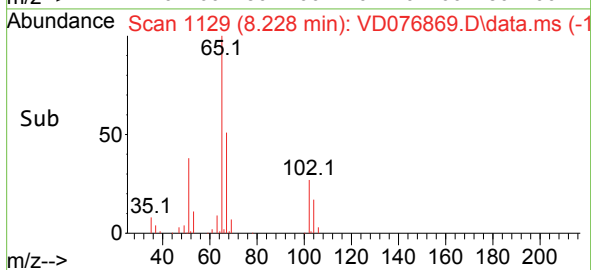
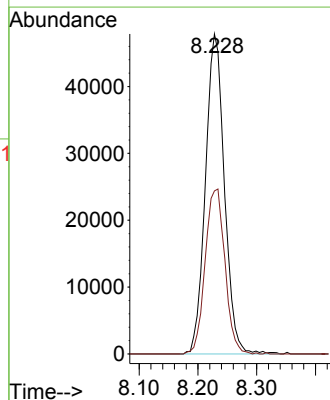
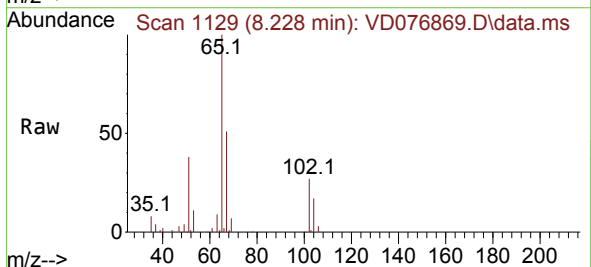
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

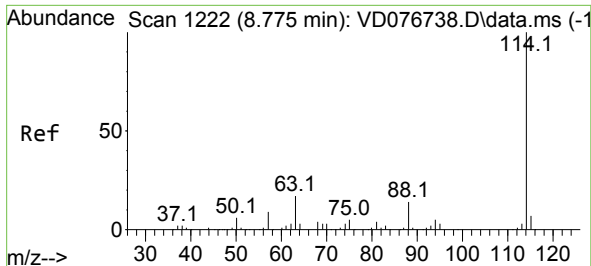
Tgt Ion: 56 Resp: 4550
Ion Ratio Lower Upper
56 100
69 136.3 28.6 43.0#
84 129.3 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 47.981 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion: 65 Resp: 107496
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0

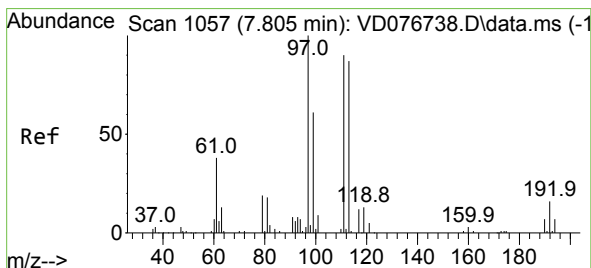
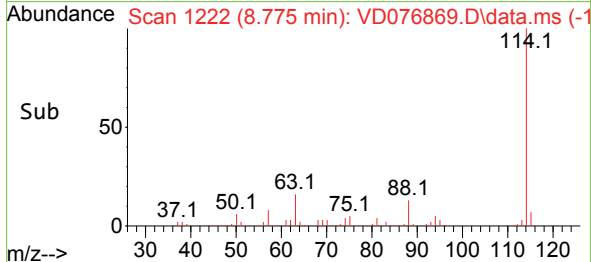
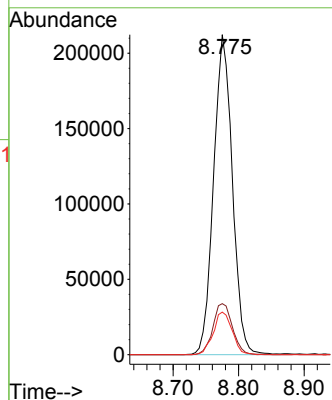
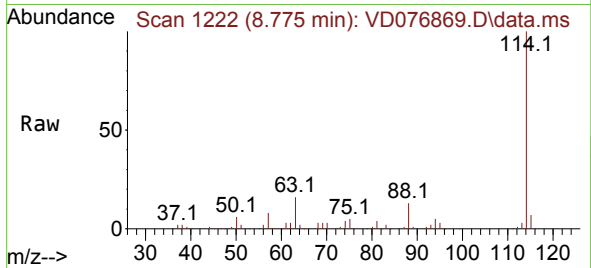




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

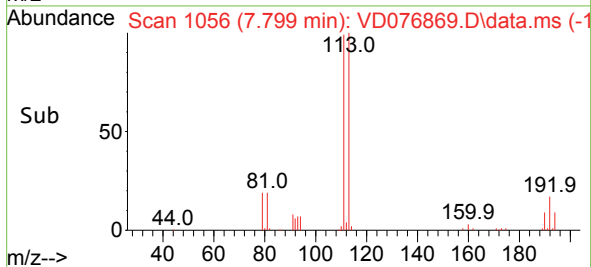
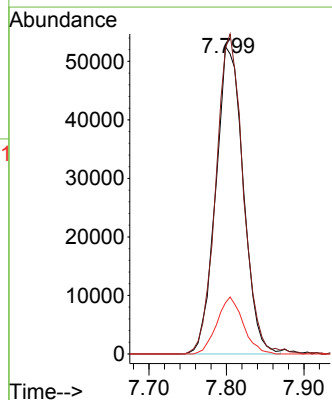
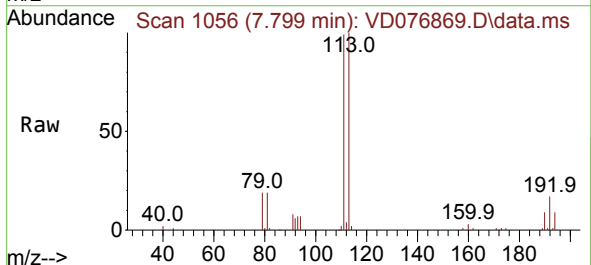
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

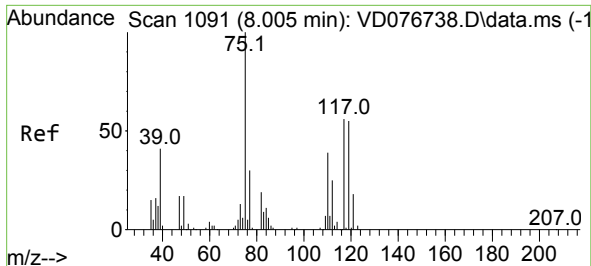
Tgt Ion:114 Resp: 421712
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 48.997 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion:113 Resp: 129845
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 17.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.298 ug/l

RT: 7.881 min Scan# 1091

Delta R.T. -0.124 min

Lab File: VD076869.D

Acq: 31 Jul 2023 12:41

Instrument :

MSVOA_D

ClientSampleId :

VD0731SBL01

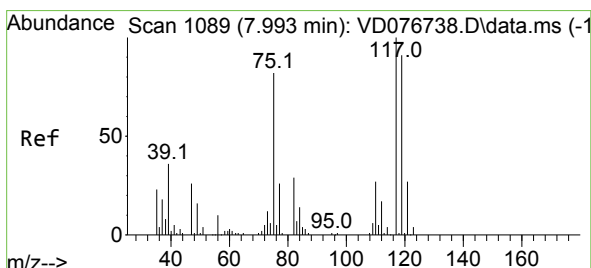
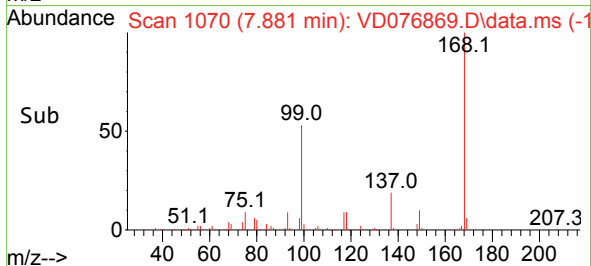
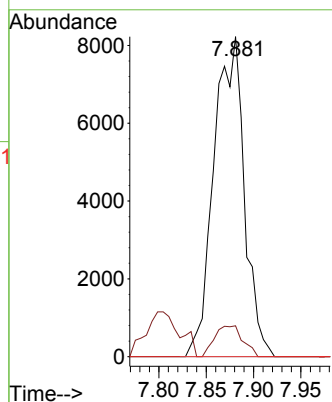
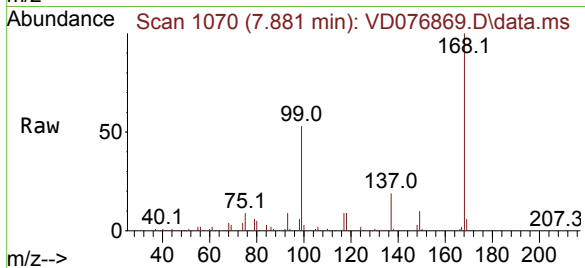
Tgt Ion: 75 Resp: 18345

Ion Ratio Lower Upper

75 100

110 9.0 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.878 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.124 min

Lab File: VD076869.D

Acq: 31 Jul 2023 12:41

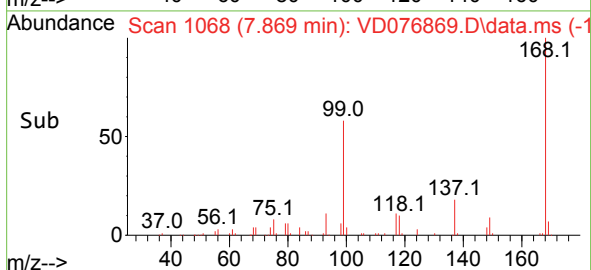
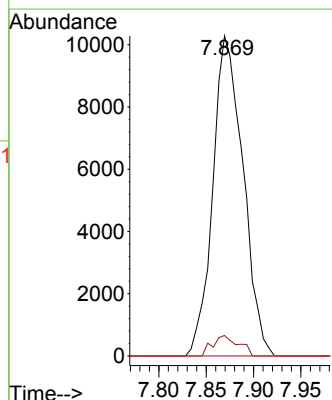
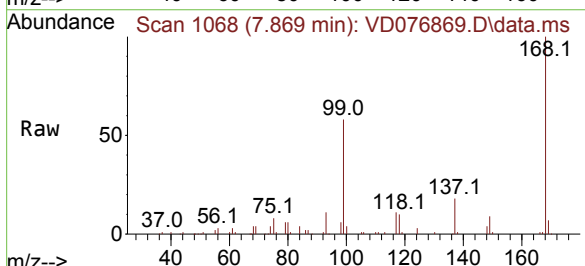
Tgt Ion: 117 Resp: 22807

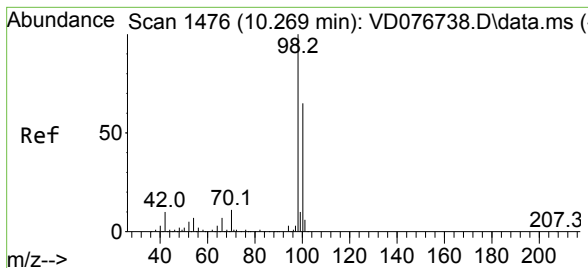
Ion Ratio Lower Upper

117 100

119 6.4 78.0 117.0#

121 0.0 24.2 36.2#

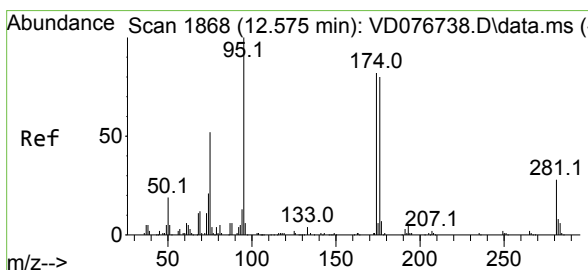
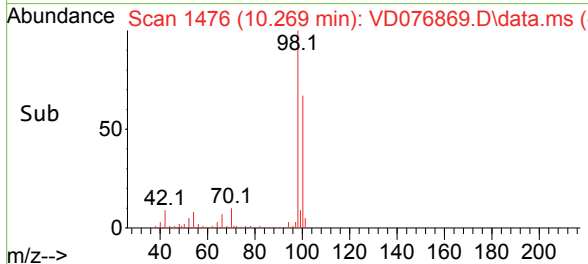
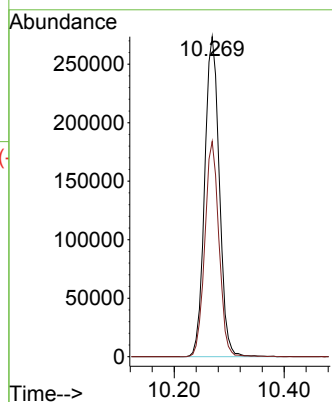
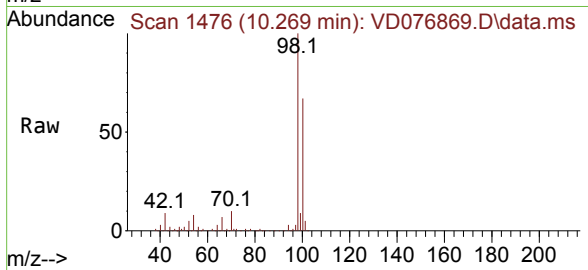




#50
Toluene-d8
Concen: 53.317 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

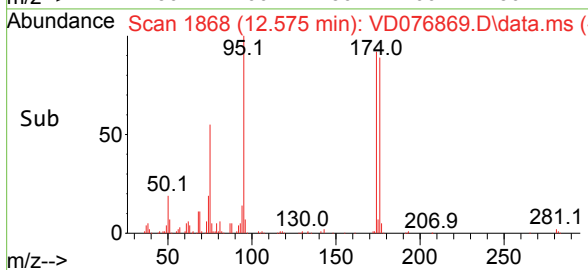
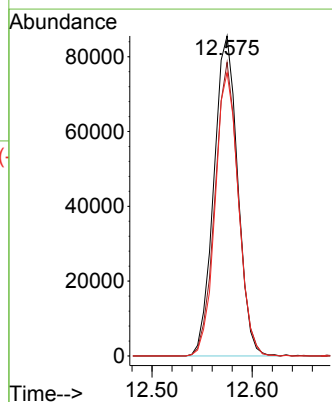
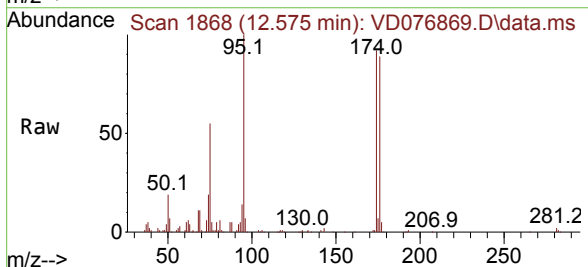
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

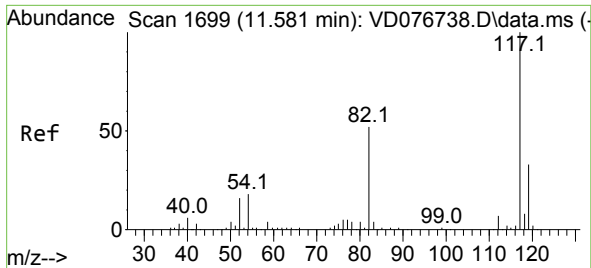
Tgt Ion: 98 Resp: 505464
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 46.189 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion: 95 Resp: 141655
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 86.1 0.0 191.8

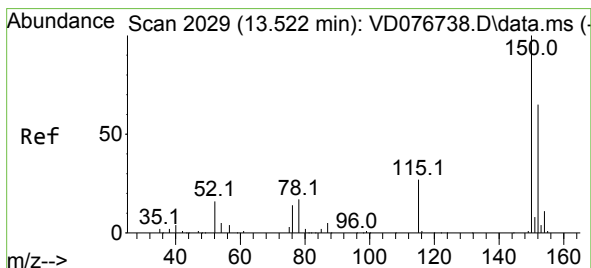
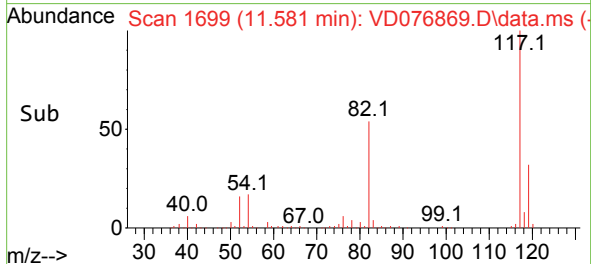
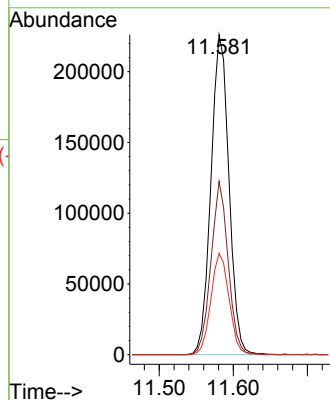
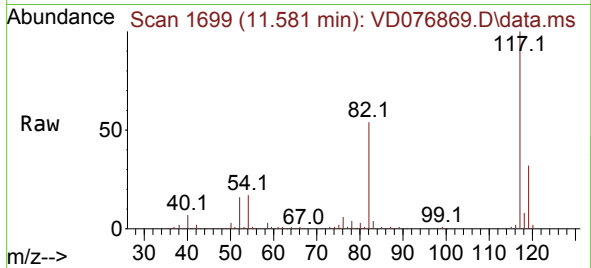




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

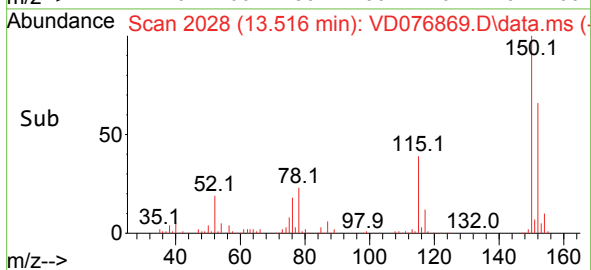
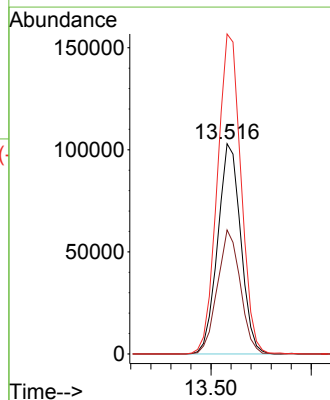
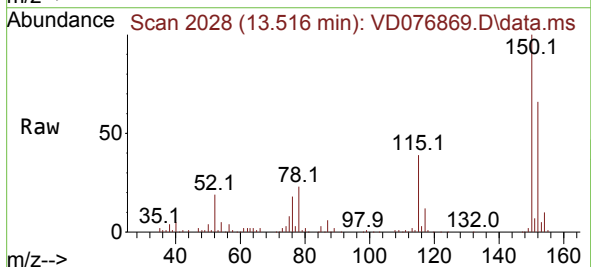
Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

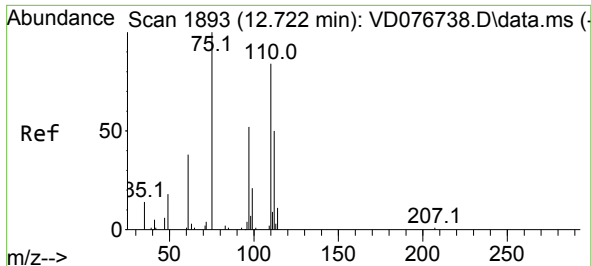
Tgt Ion:117 Resp: 381470
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion:152 Resp: 163660
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 156.6 0.0 353.6

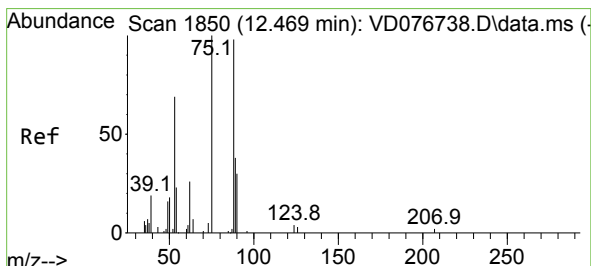
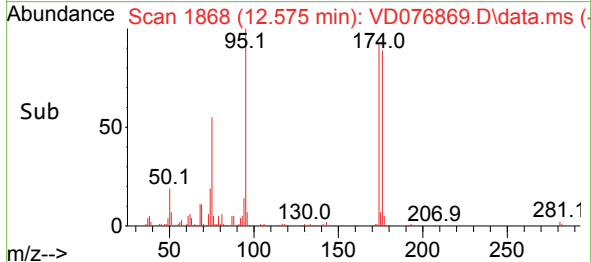
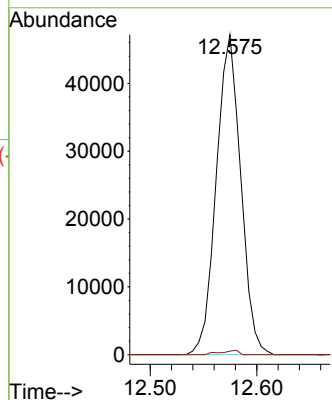
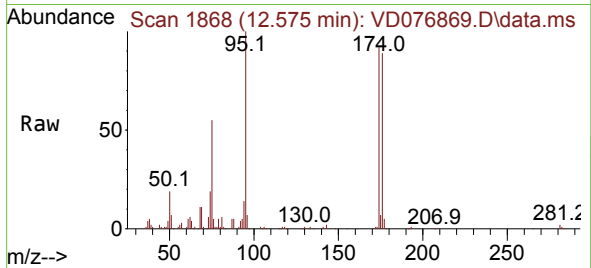




#76
1,2,3-Trichloropropane
Concen: 48.198 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Instrument :
MSVOA_D
ClientSampleId :
VD0731SBL01

Tgt Ion: 75 Resp: 75014
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.577 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076869.D
Acq: 31 Jul 2023 12:41

Tgt Ion: 75 Resp: 75014
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

