

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076352.D
 Acq On : 07 Jun 2023 14:21
 Operator : KP/SY
 Sample : VD0607SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0607SBL01

Quant Time: Jun 08 01:17:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

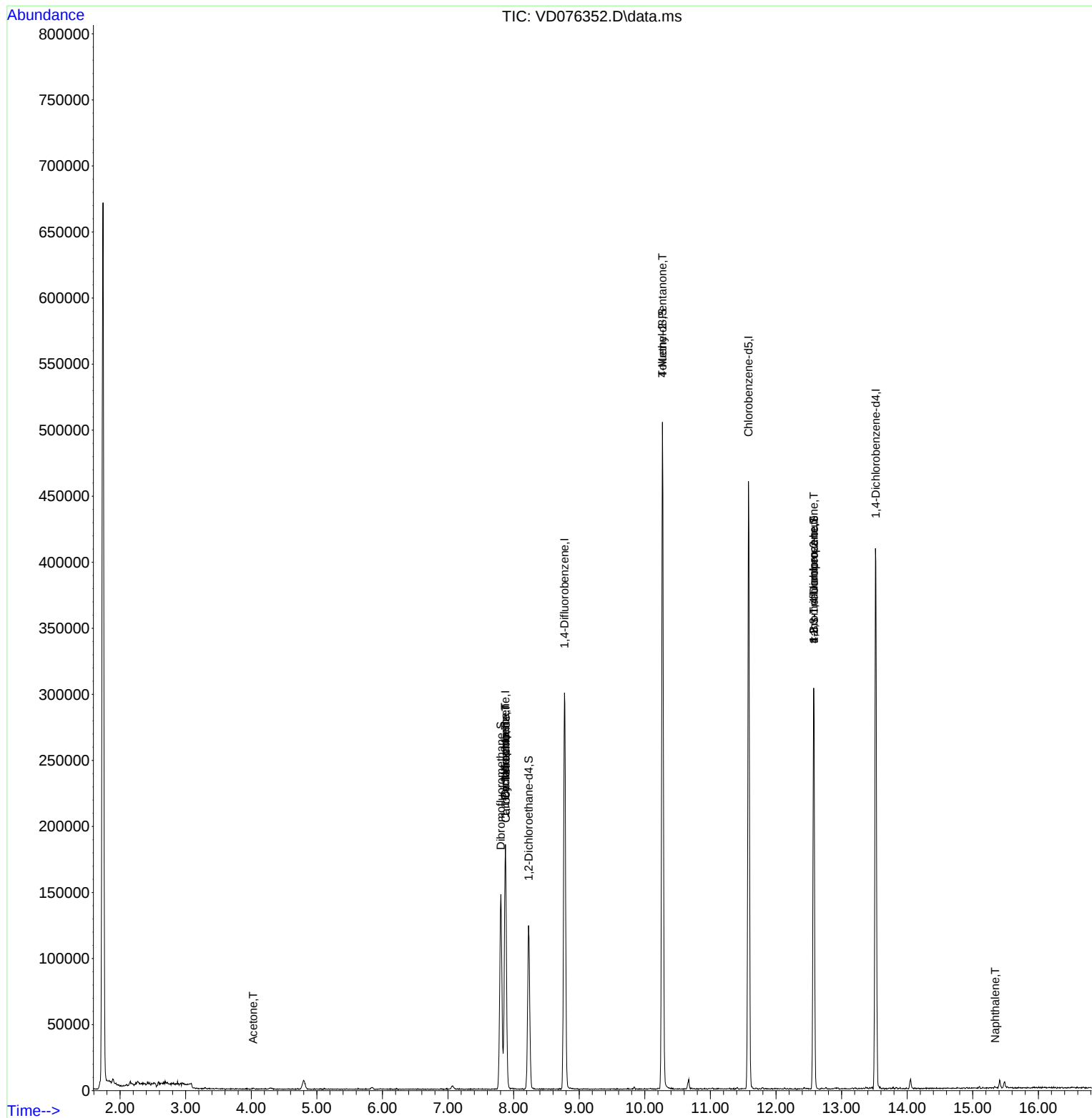
Internal Standards						
1) Pentafluorobenzene	7.875	168	154040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	283962	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92848	67.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.540%
35) Dibromofluoromethane	7.805	113	106192	55.407	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.820%
50) Toluene-d8	10.269	98	369811	48.463	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.575	95	94448	46.770	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.540%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	827	3.271	ug/l #	32
20) Methylene Chloride	4.793	84	6103	Below Cal		96
31) Cyclohexane	7.875	56	2850	1.230	ug/l #	8
36) 1,1-Dichloropropene	7.869	75	11084	4.025	ug/l #	45
38) Carbon Tetrachloride	7.881	117	13865	5.744	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1038	1.209	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	45722	39.232	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	45722	93.964	ug/l #	17
95) Naphthalene	15.340	128	1160	3.535	ug/l #	69

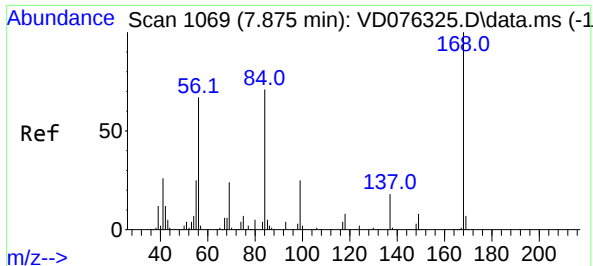
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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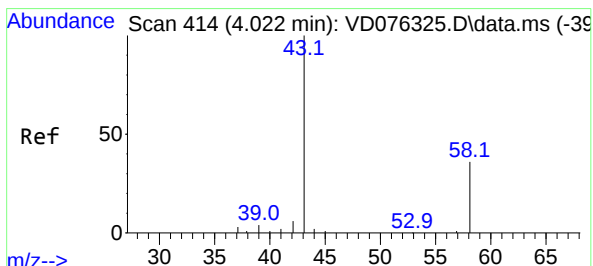
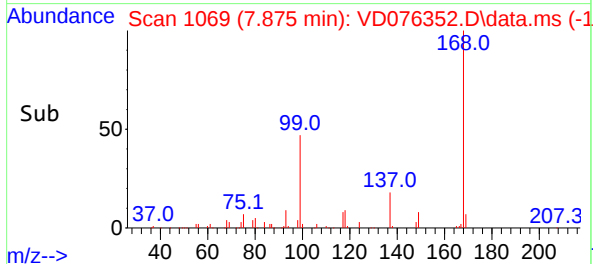
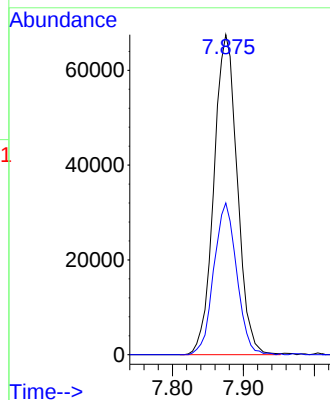
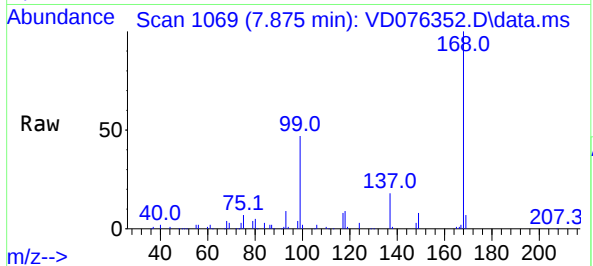




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

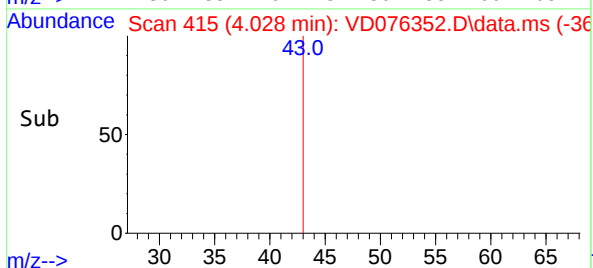
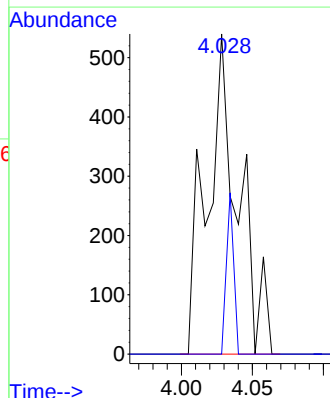
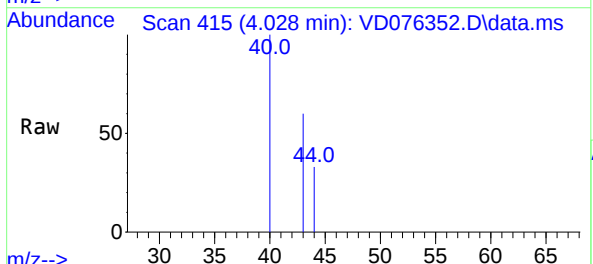
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

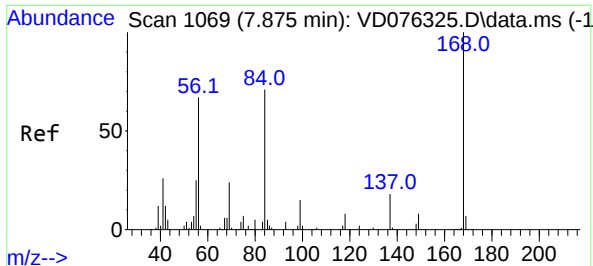
Tgt Ion:168 Resp: 154040
Ion Ratio Lower Upper
168 100
99 47.4 36.7 55.1



#16
Acetone
Concen: 3.271 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#

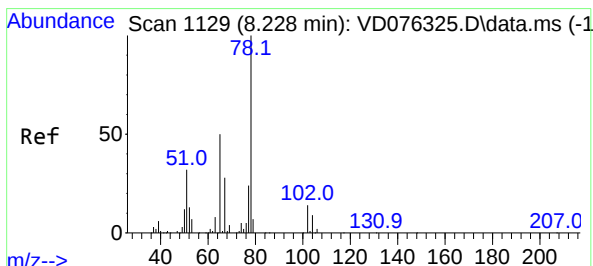
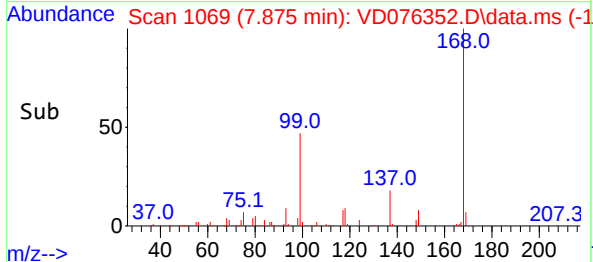
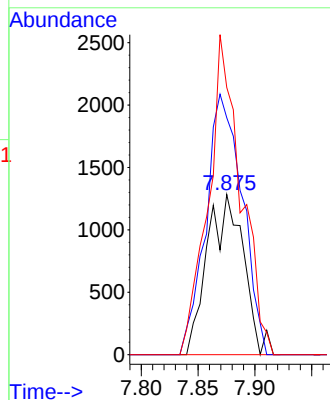
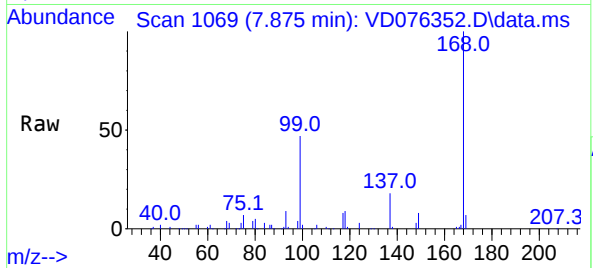




#31
Cyclohexane
Concen: 1.230 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

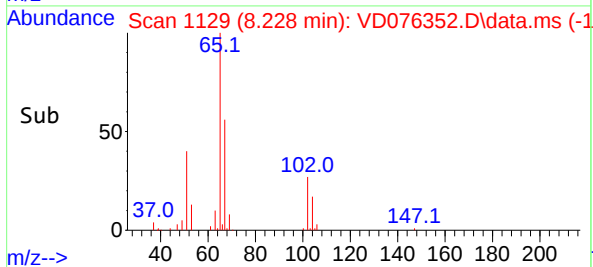
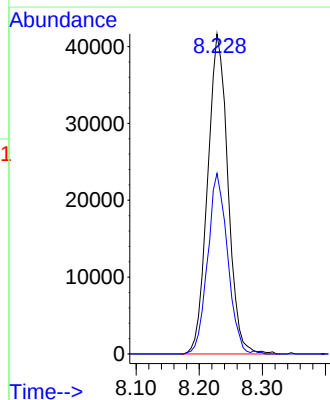
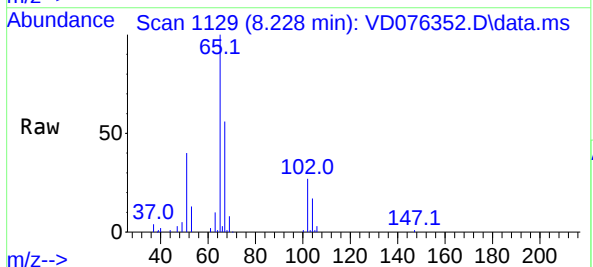
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

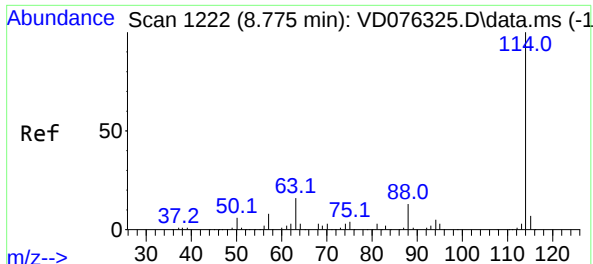
Tgt Ion: 56 Resp: 2850
Ion Ratio Lower Upper
56 100
69 148.0 28.6 43.0#
84 166.9 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 67.272 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 65 Resp: 92848
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

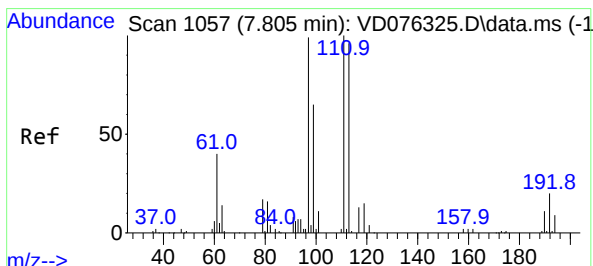
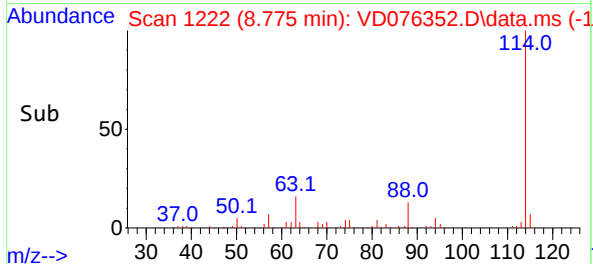
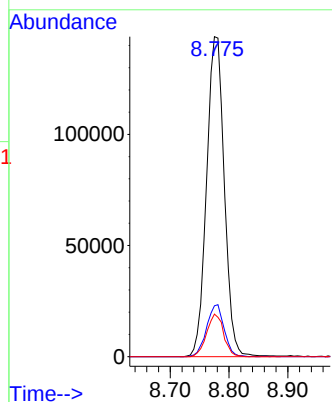
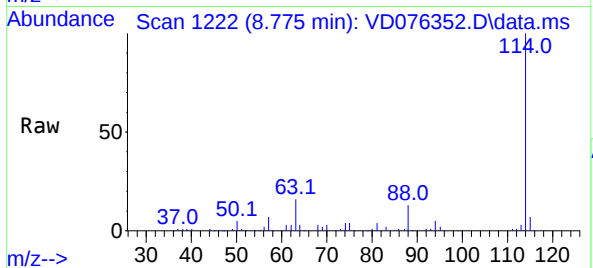




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

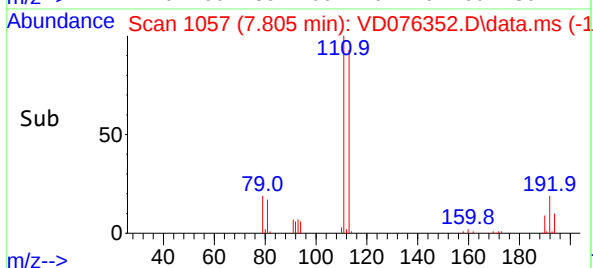
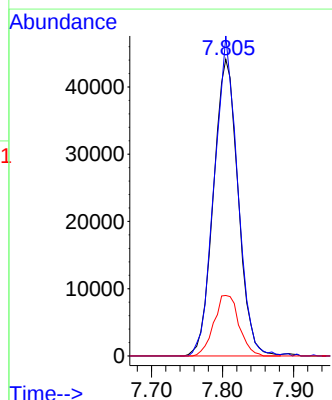
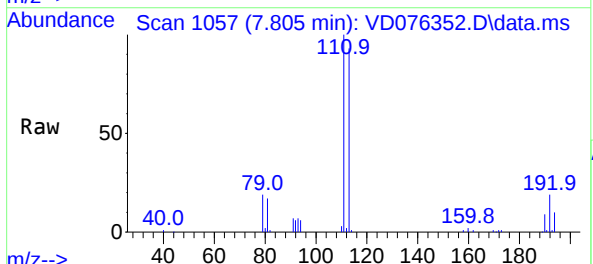
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

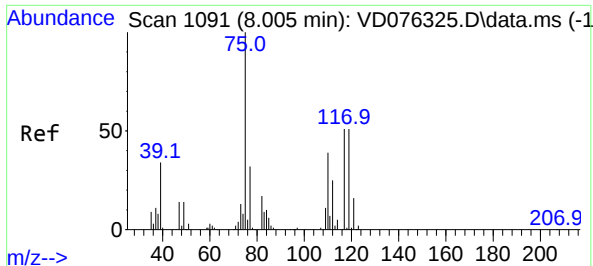
Tgt Ion:114 Resp: 301854
Ion Ratio Lower Upper
114 100
63 15.9 0.0 33.4
88 13.3 0.0 26.2



#35
Dibromofluoromethane
Concen: 55.407 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion:113 Resp: 106192
Ion Ratio Lower Upper
113 100
111 101.9 84.7 127.1
192 20.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.025 ug/l

RT: 7.869 min Scan# 11084

Delta R.T. -0.135 min

Lab File: VD076352.D

Acq: 07 Jun 2023 14:21

Instrument :

MSVOA_D

ClientSampleId :

VD0607SBL01

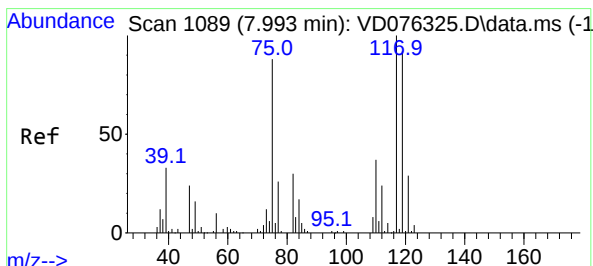
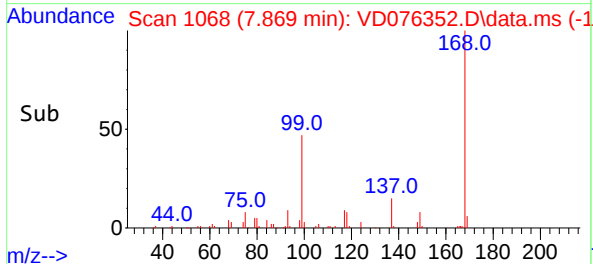
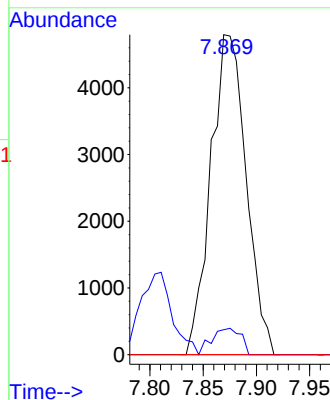
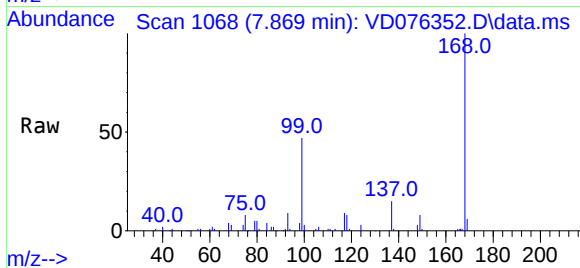
Tgt Ion: 75 Resp: 11084

Ion Ratio Lower Upper

75 100

110 6.8 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.744 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD076352.D

Acq: 07 Jun 2023 14:21

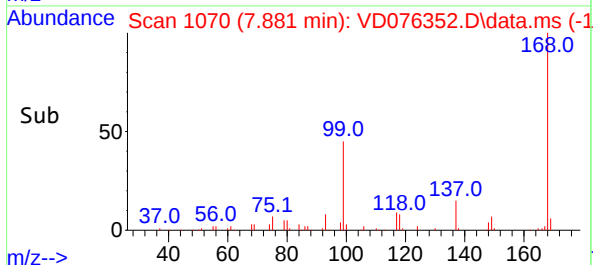
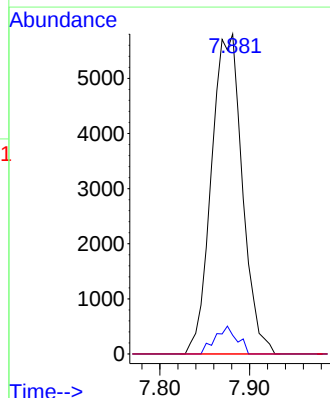
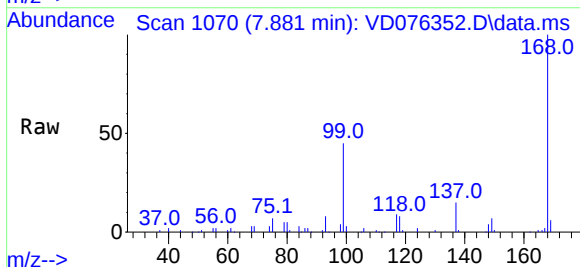
Tgt Ion: 117 Resp: 13865

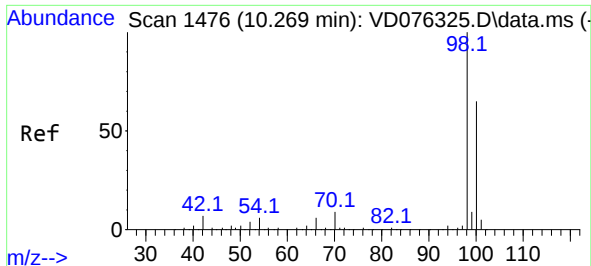
Ion Ratio Lower Upper

117 100

119 5.8 78.0 117.0#

121 0.0 24.2 36.2#

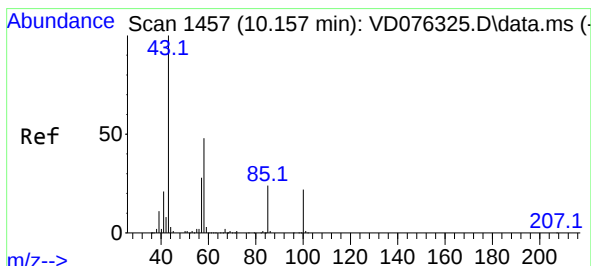
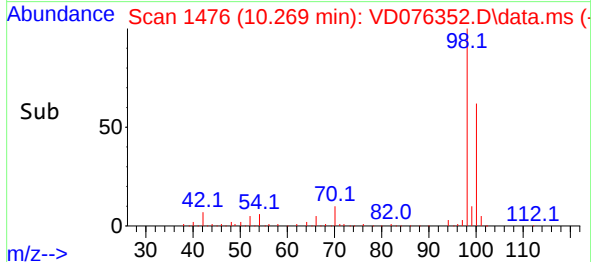
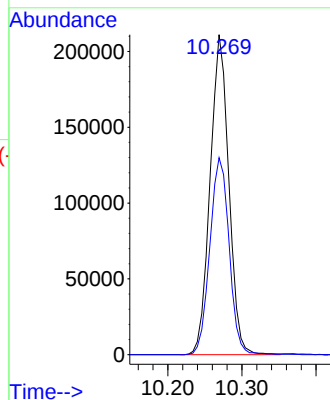
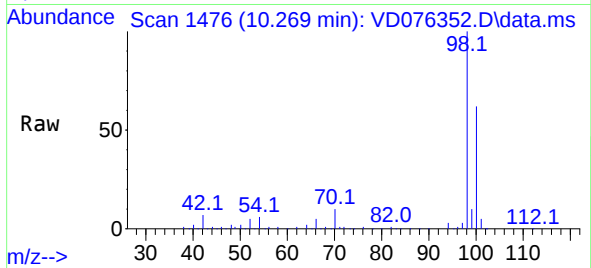




#50
Toluene-d8
Concen: 48.463 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

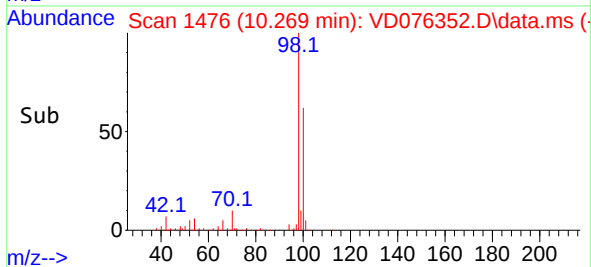
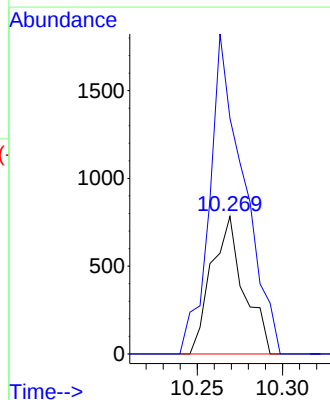
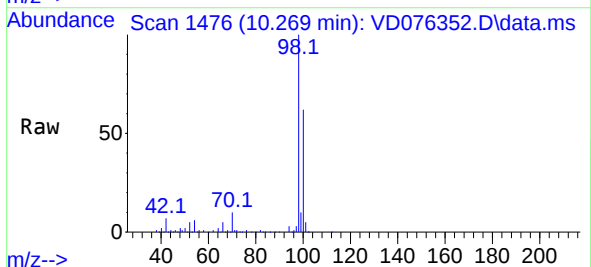
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

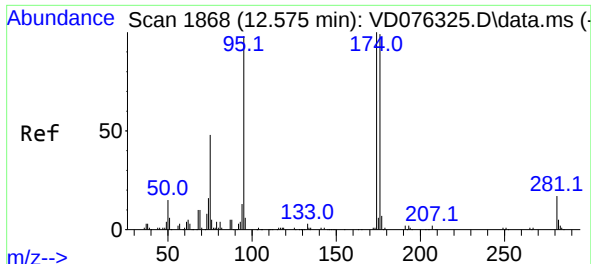
Tgt Ion: 98 Resp: 369811
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.209 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 43 Resp: 1038
Ion Ratio Lower Upper
43 100
58 244.7 38.9 58.3#



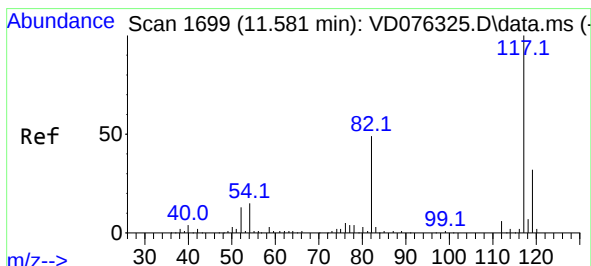
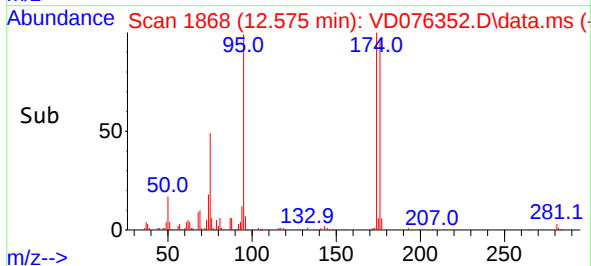
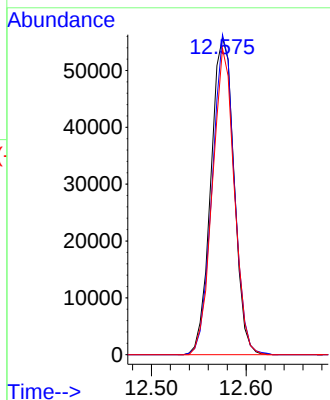
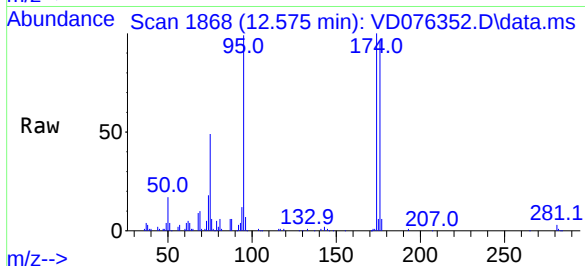


#62
4-Bromofluorobenzene
Concen: 46.770 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion: 95 Resp: 94448

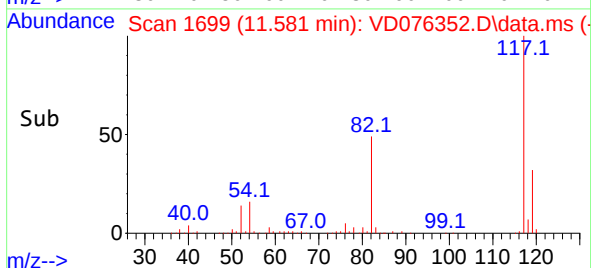
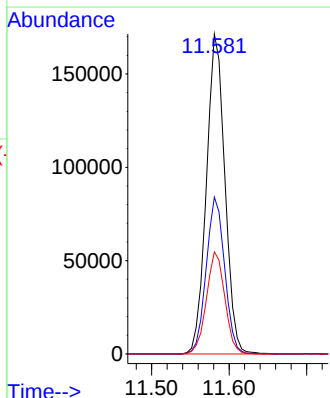
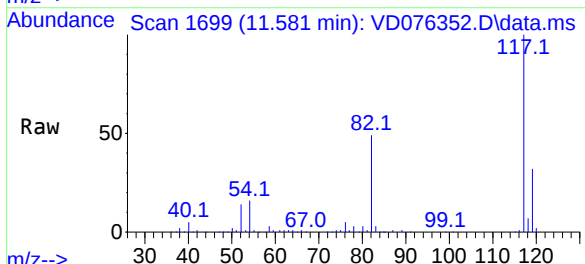
Ion	Ratio	Lower	Upper
95	100		
174	95.7	0.0	201.8
176	91.3	0.0	191.8

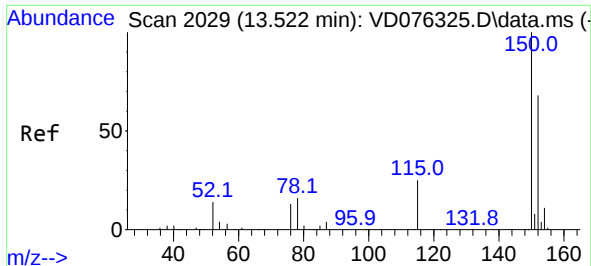


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 117 Resp: 283962

Ion	Ratio	Lower	Upper
117	100		
82	49.0	38.3	57.5
119	31.9	25.0	37.4

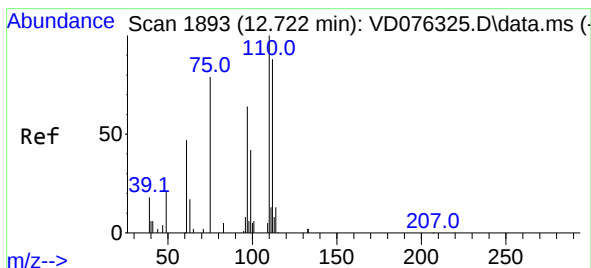
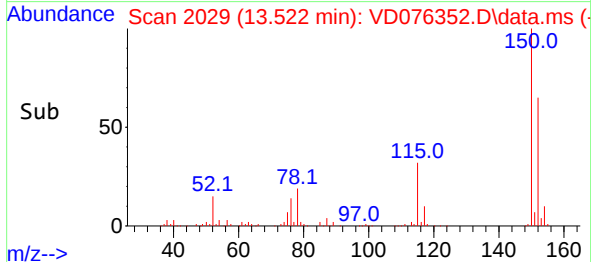
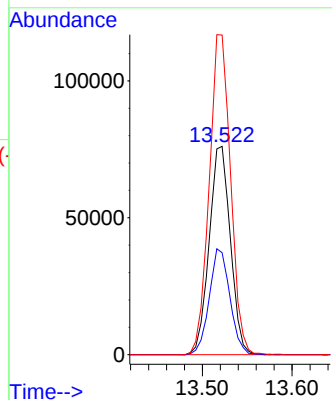
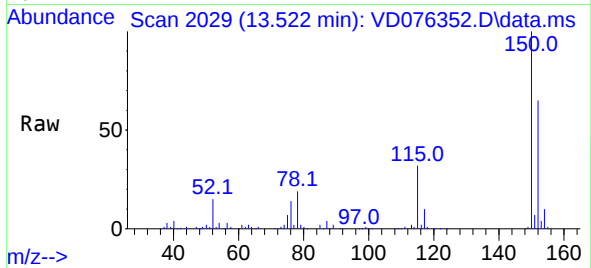




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

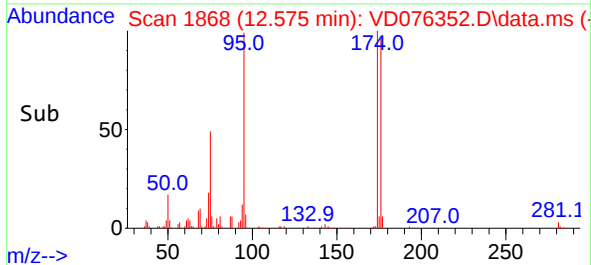
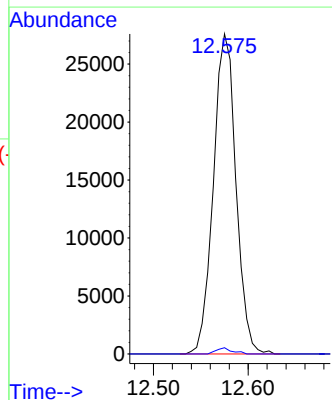
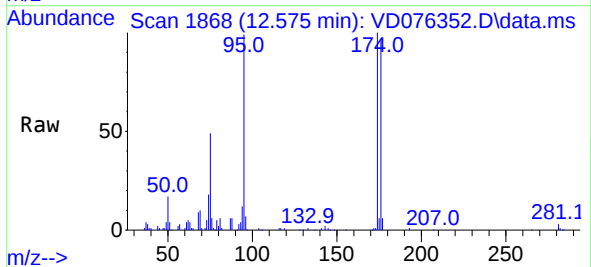
Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

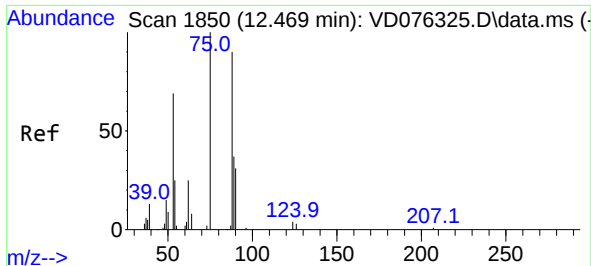
Tgt Ion:152 Resp: 124849
Ion Ratio Lower Upper
152 100
115 49.5 27.1 81.3
150 154.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 39.232 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion: 75 Resp: 45722
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

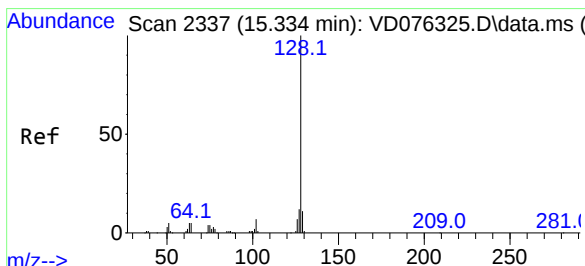
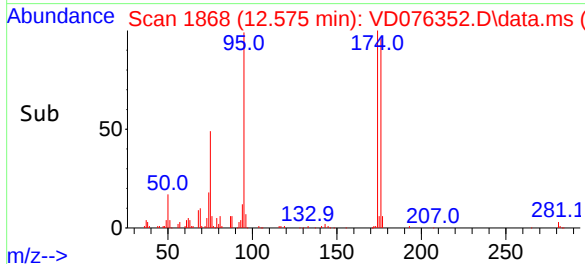
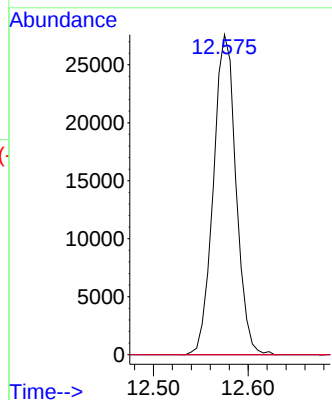
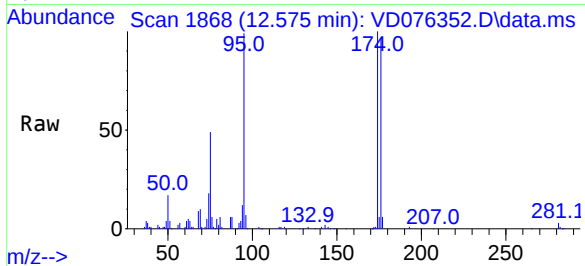




#81
trans-1,4-Dichloro-2-butene
Concen: 93.964 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Instrument :
MSVOA_D
ClientSampleId :
VD0607SBL01

Tgt Ion: 75 Resp: 45722
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.535 ug/l
RT: 15.340 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD076352.D
Acq: 07 Jun 2023 14:21

Tgt Ion:128 Resp: 1160
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

