

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076194.D
 Acq On : 23 May 2023 15:32
 Operator : KP/SY
 Sample : 02840-04
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: May 23 15:52:48 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)

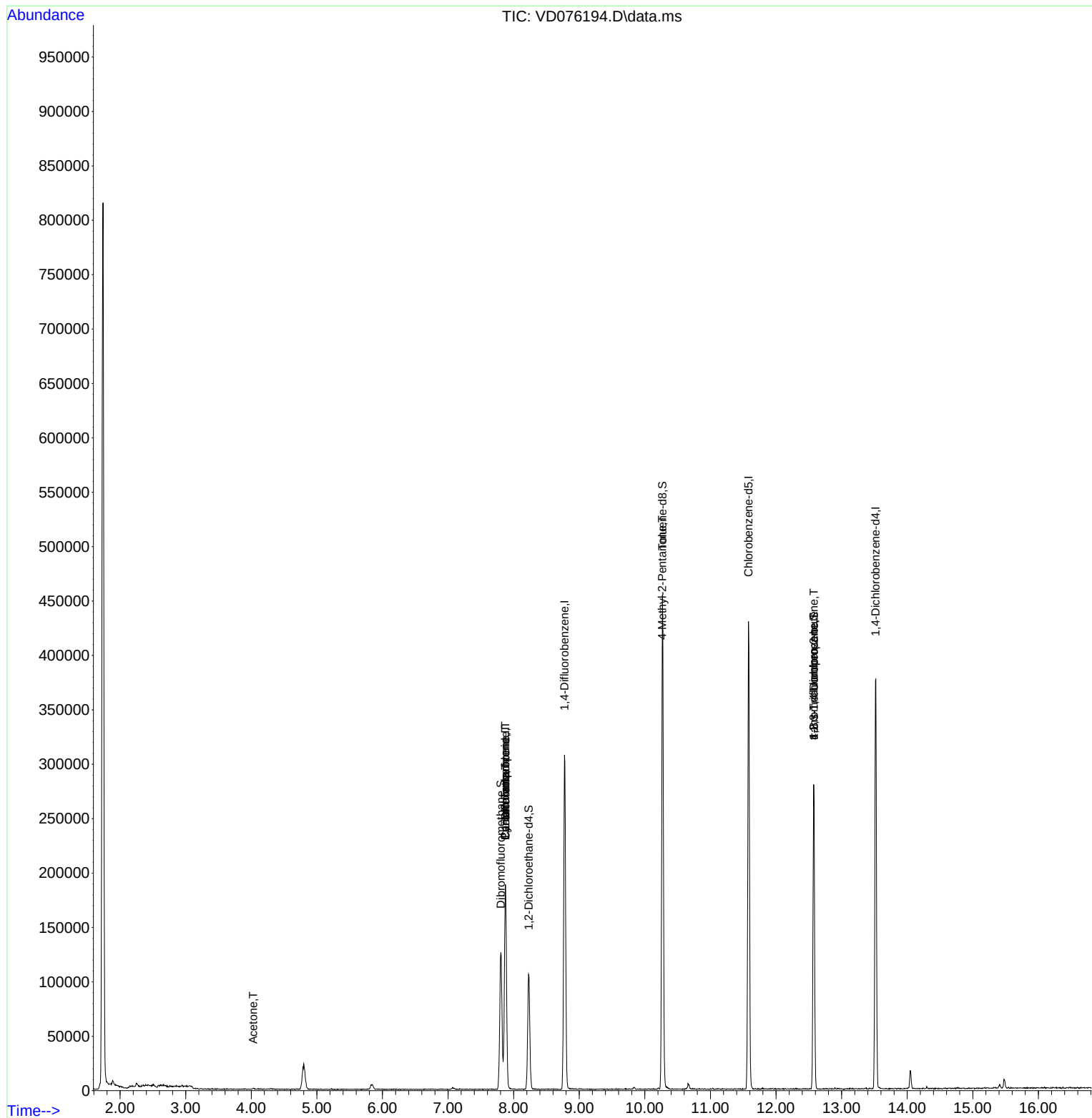
Internal Standards						
1) Pentafluorobenzene	7.875	168	150358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	294954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	266500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	110640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81372	55.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.804	113	93213	45.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.440%
50) Toluene-d8	10.269	98	327912	41.259	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.520%
62) 4-Bromofluorobenzene	12.575	95	78368	35.497	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	71.000%
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	370	Below Cal	#	55
16) Acetone	4.028	43	898	3.106	ug/l #	44
31) Cyclohexane	7.875	56	3243	1.457	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	12183	4.425	ug/l #	50
38) Carbon Tetrachloride	7.875	117	13996	5.627	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	950	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	39834	41.143	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	39834	86.310	ug/l #	5

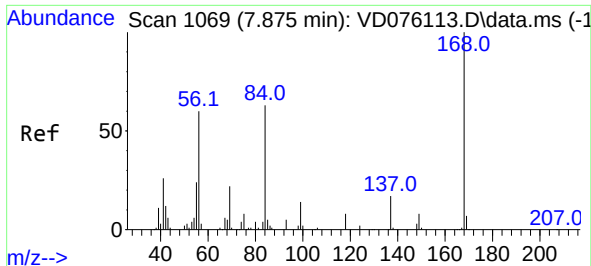
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
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Instrument :
MSVOA_D
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TP-2

Quant Time: May 23 15:52:48 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

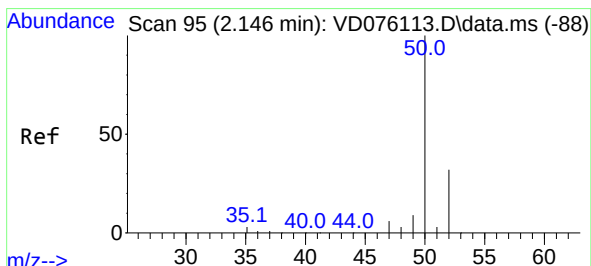
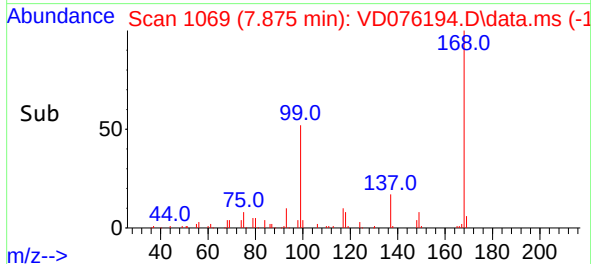
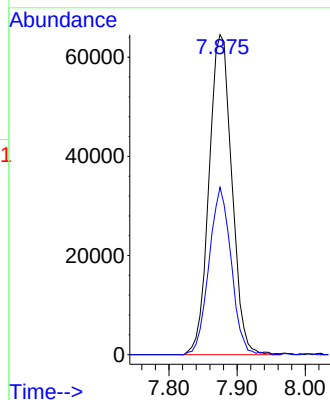
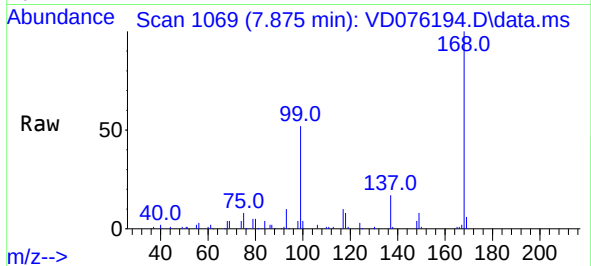




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

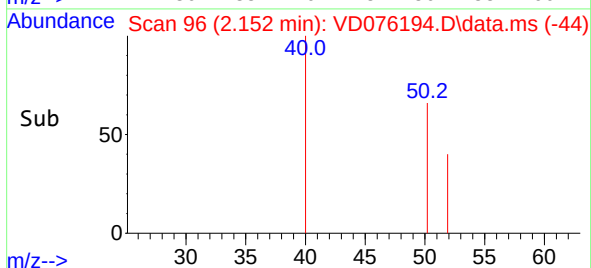
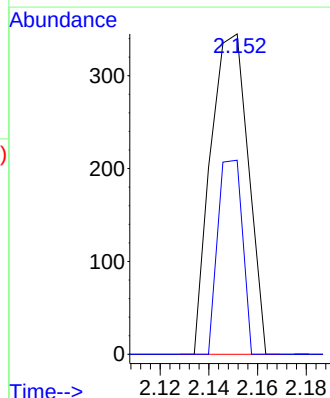
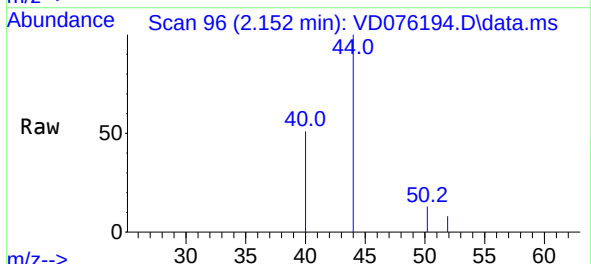
Instrument :
MSVOA_D
ClientSampleId :
TP-2

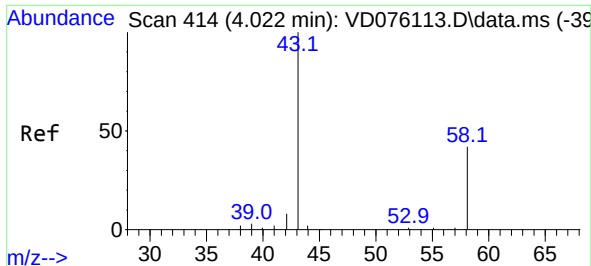
Tgt Ion:168 Resp: 150358
Ion Ratio Lower Upper
168 100
99 52.3 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion: 50 Resp: 370
Ion Ratio Lower Upper
50 100
52 60.6 27.8 41.8#

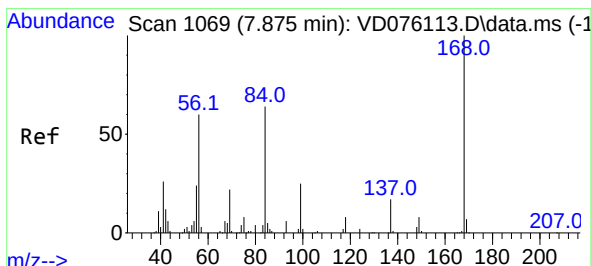
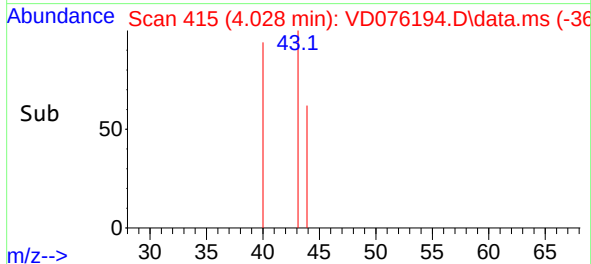
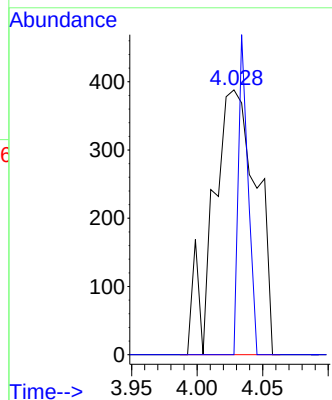
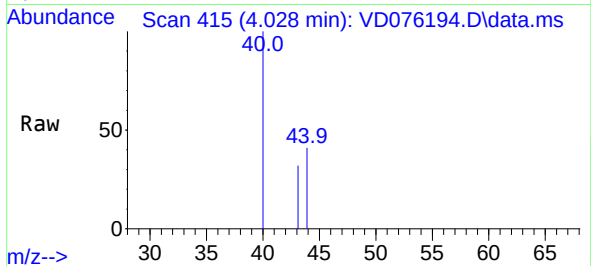




#16
Acetone
Concen: 3.106 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

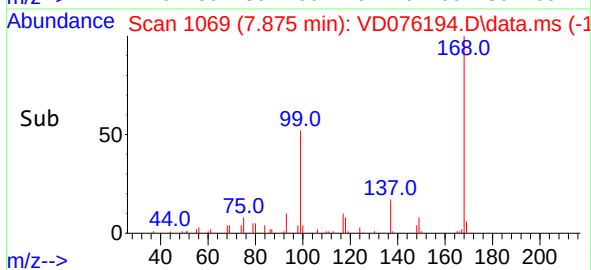
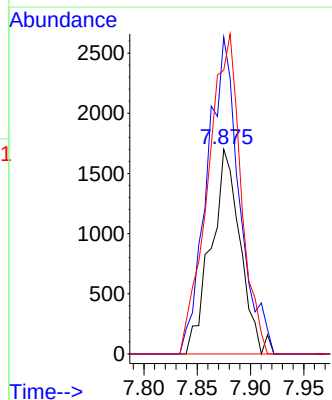
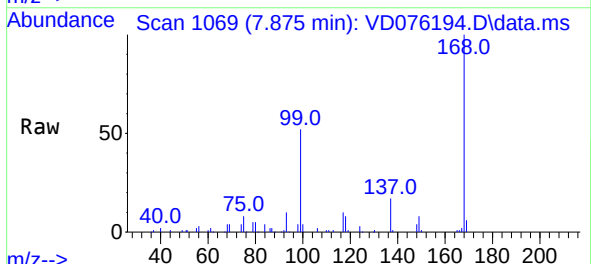
Instrument :
MSVOA_D
ClientSampleId :
TP-2

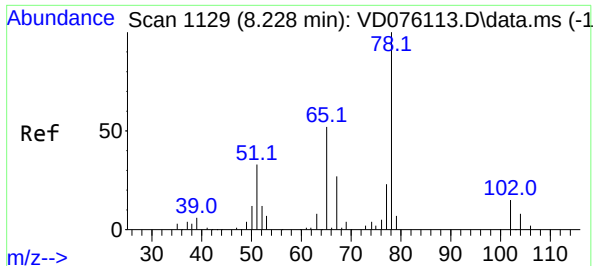
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion: 56 Resp: 3243
Ion Ratio Lower Upper
56 100
69 154.7 25.5 38.3#
84 138.6 69.6 104.4#

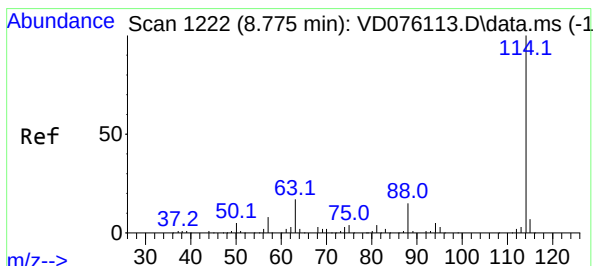
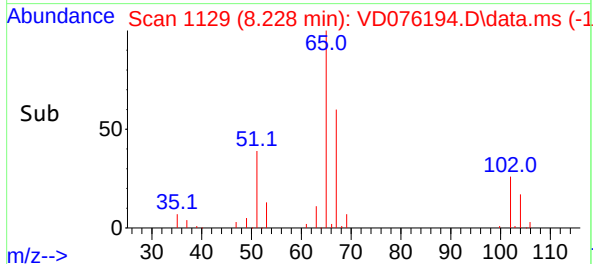
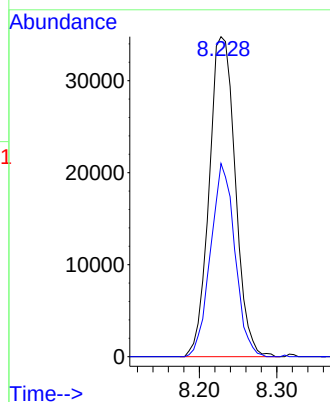
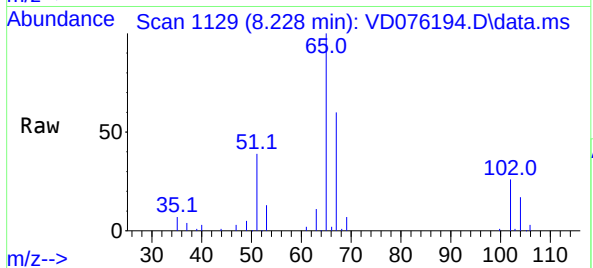




#33
1,2-Dichloroethane-d4
Concen: 55.996 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

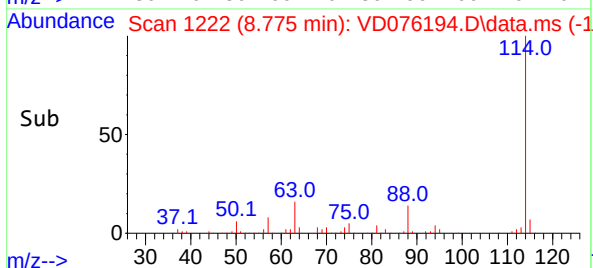
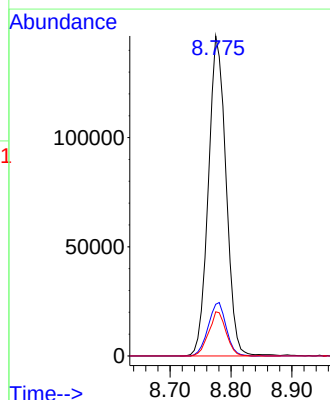
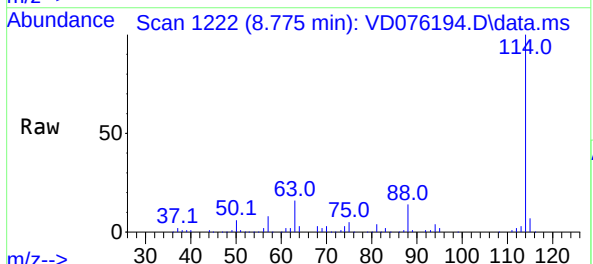
Instrument :
MSVOA_D
ClientSampleId :
TP-2

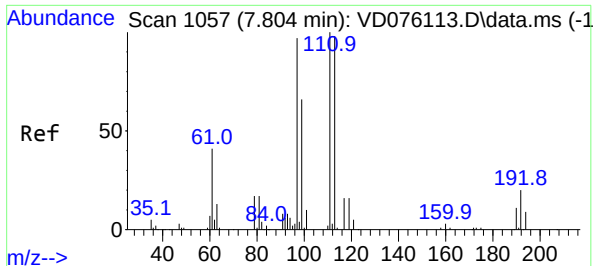
Tgt Ion: 65 Resp: 81372
Ion Ratio Lower Upper
65 100
67 56.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion: 114 Resp: 294954
Ion Ratio Lower Upper
114 100
63 16.2 0.0 41.6
88 13.8 0.0 30.6

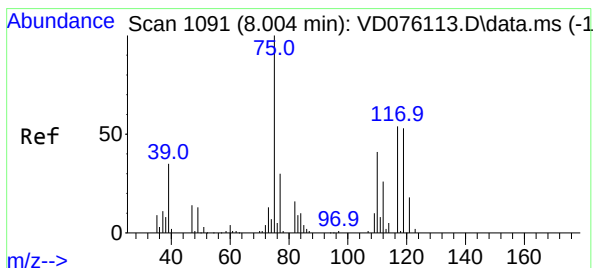
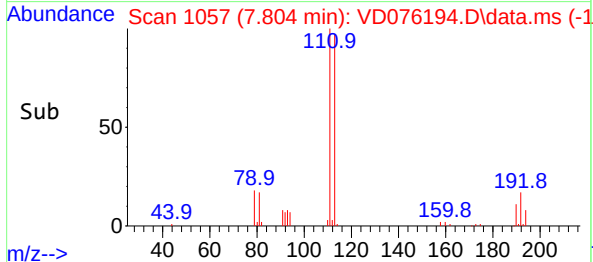
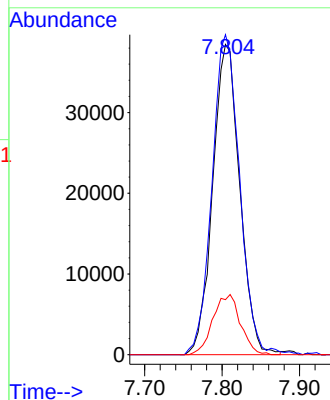
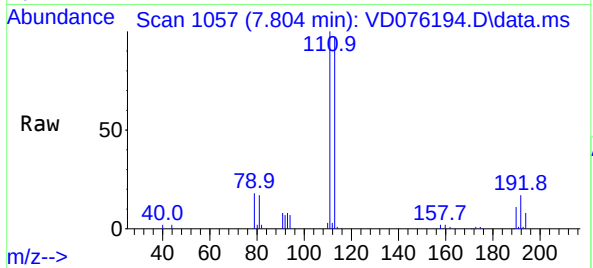




#35
Dibromofluoromethane
Concen: 45.720 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

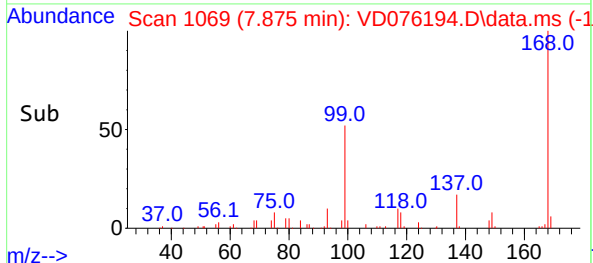
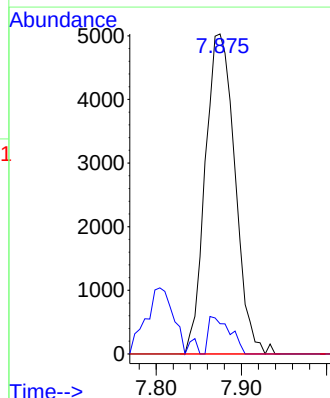
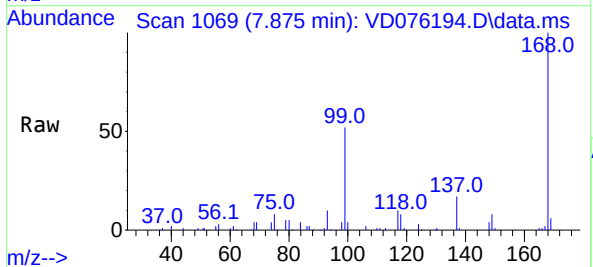
Instrument :
MSVOA_D
ClientSampleId :
TP-2

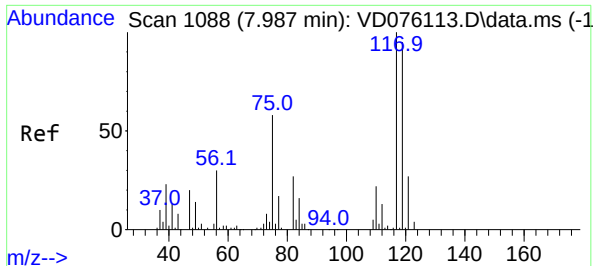
Tgt Ion:	113	Resp:	93213
Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.4	122.0
192	19.7	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

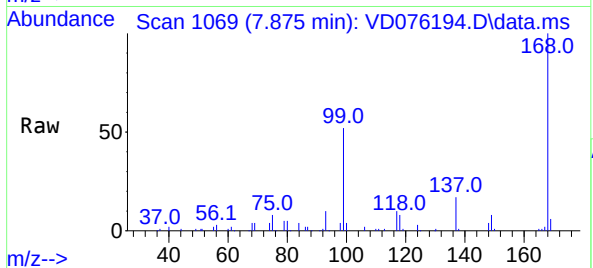
Tgt Ion:	75	Resp:	12183
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.6	36.8#



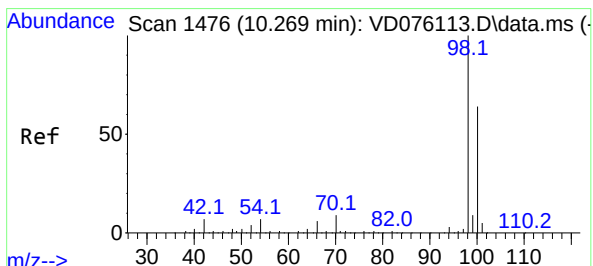
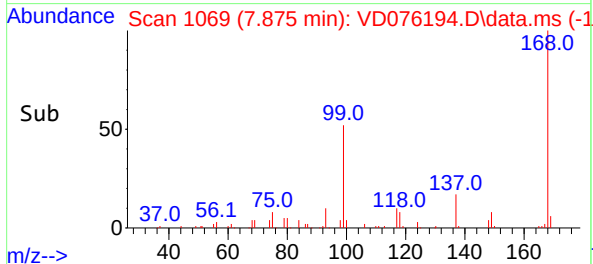
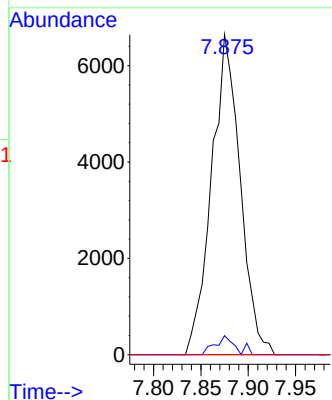


#38
Carbon Tetrachloride
Concen: 5.627 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Instrument :
MSVOA_D
ClientSampleId :
TP-2

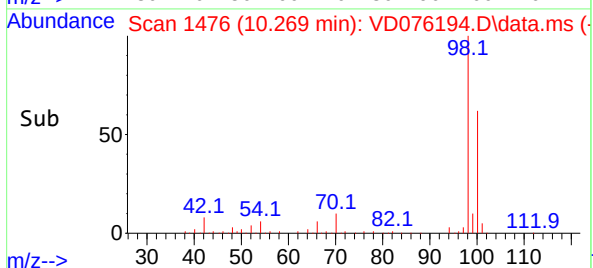
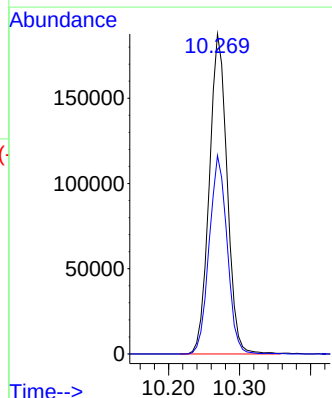
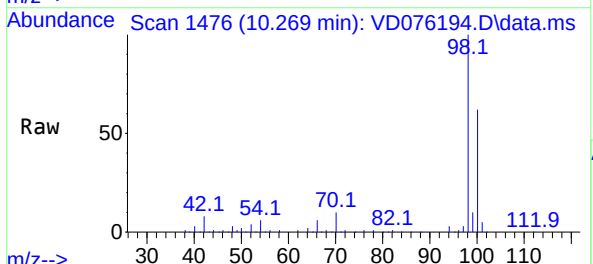


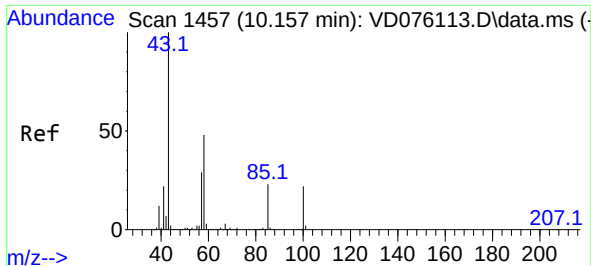
Tgt Ion:117 Resp: 13996
Ion Ratio Lower Upper
117 100
119 6.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 41.259 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion: 98 Resp: 327912
Ion Ratio Lower Upper
98 100
100 62.2 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.003 ug/l

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

Lab File: VD076194.D

Acq: 23 May 2023 15:32

Instrument :

MSVOA_D

ClientSampleId :

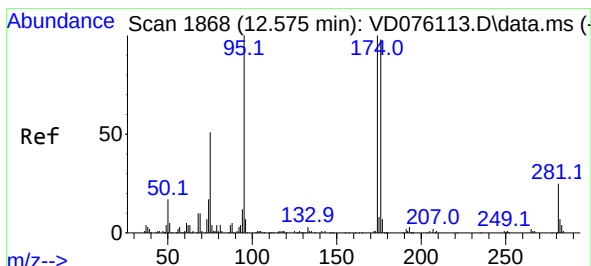
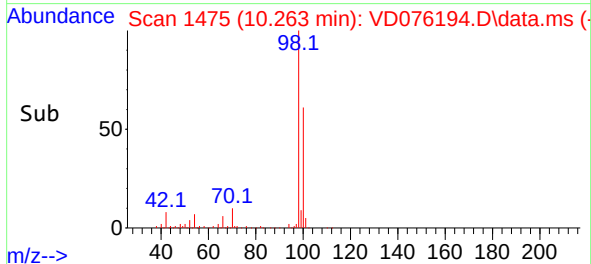
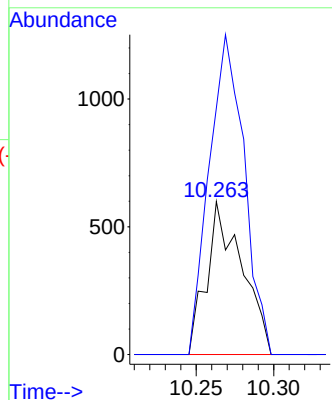
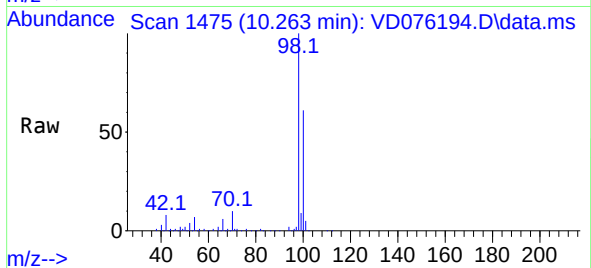
TP-2

Tgt Ion: 43 Resp: 950

Ion Ratio Lower Upper

43 100

58 207.3 29.5 44.3#



#62

4-Bromofluorobenzene

Concen: 35.497 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD076194.D

Acq: 23 May 2023 15:32

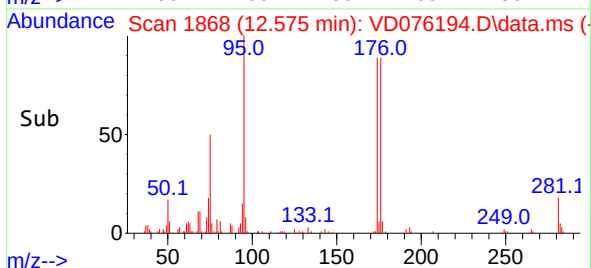
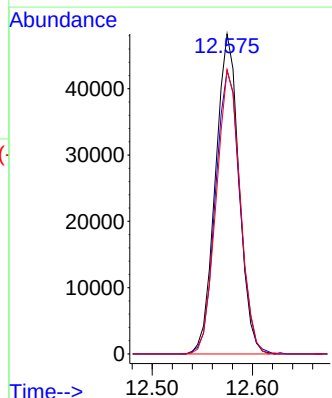
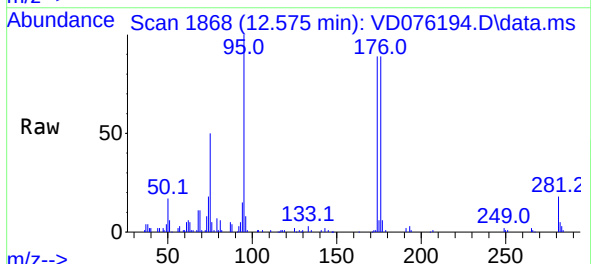
Tgt Ion: 95 Resp: 78368

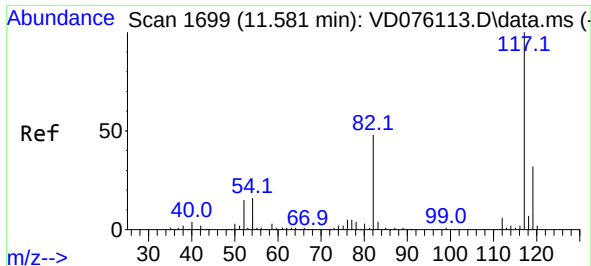
Ion Ratio Lower Upper

95 100

174 91.9 0.0 164.0

176 90.2 0.0 156.8

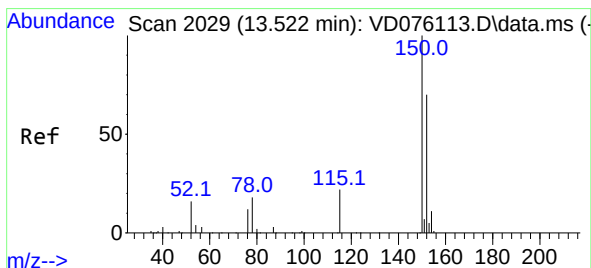
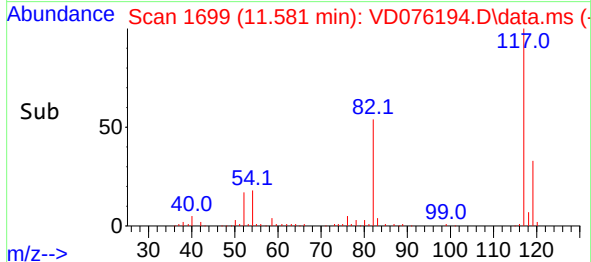
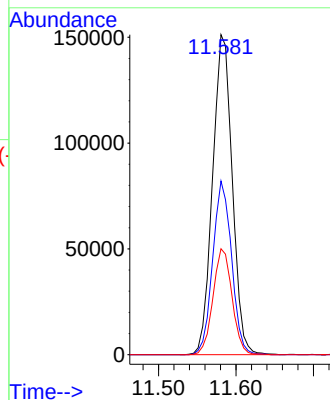
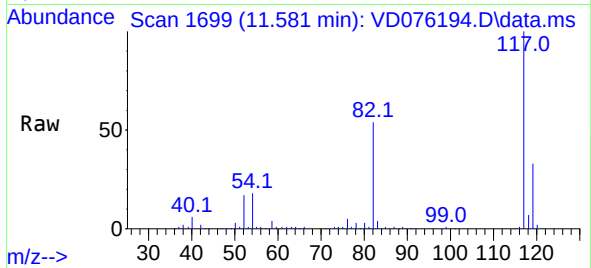




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

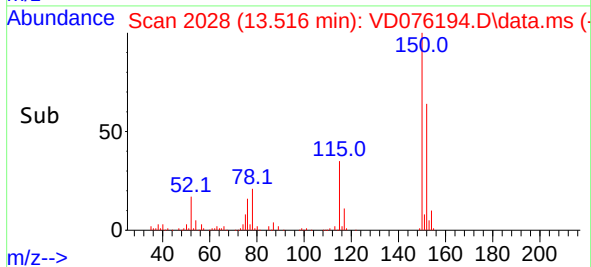
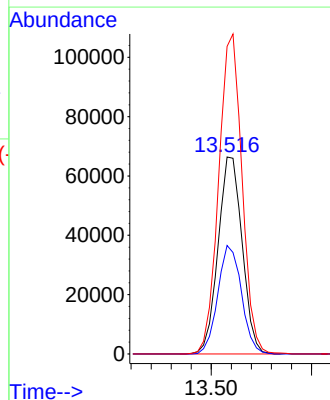
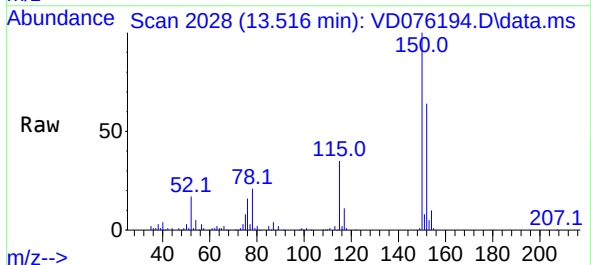
Instrument :
MSVOA_D
ClientSampleId :
TP-2

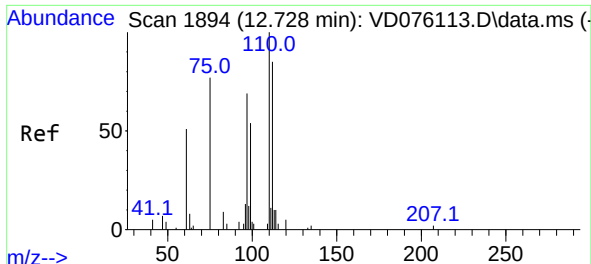
Tgt Ion:117 Resp: 266500
Ion Ratio Lower Upper
117 100
82 54.2 44.0 66.0
119 33.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion:152 Resp: 110640
Ion Ratio Lower Upper
152 100
115 54.1 30.1 90.3
150 157.4 0.0 364.8

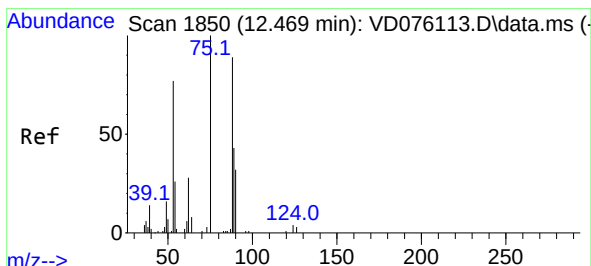
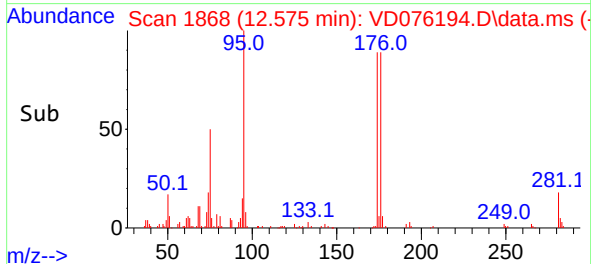
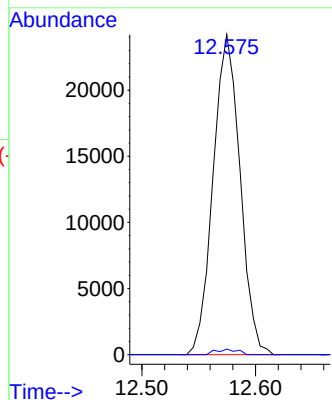
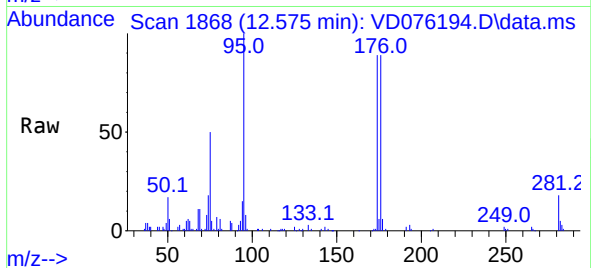




#76
1,2,3-Trichloropropane
Concen: 41.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 39834
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.310 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076194.D
Acq: 23 May 2023 15:32

Tgt Ion: 75 Resp: 39834
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

