

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041923\
 Data File : VD075741.D
 Acq On : 19 Apr 2023 11:28
 Operator : KP/SY
 Sample : VD0419SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 20 05:59:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:16:29 2023
 Response via : Initial Calibration

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

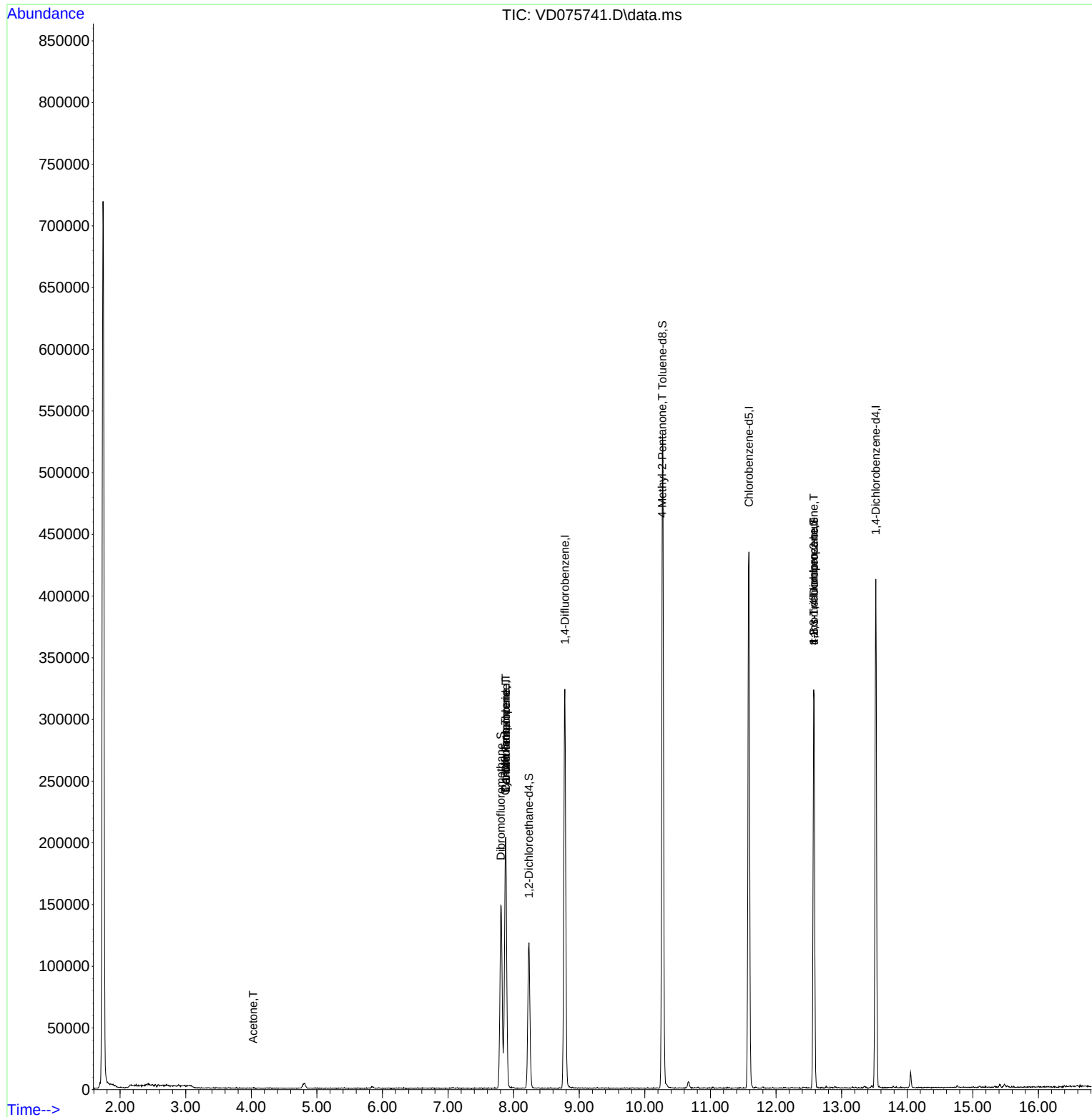
Internal Standards						
1) Pentafluorobenzene	7.881	168	172442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	316828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	287679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	120481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	91120	55.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.340%
35) Dibromofluoromethane	7.804	113	111020	52.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.200%
50) Toluene-d8	10.269	98	402754	47.196	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.575	95	99636	43.927	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.860%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	378	1.261	ug/l #	44
20) Methylene Chloride	4.804	84	3689	Below Cal	#	63
31) Cyclohexane	7.875	56	3143	1.224	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	11878	4.040	ug/l #	51
38) Carbon Tetrachloride	7.881	117	14773	5.706	ug/l #	19
51) 4-Methyl-2-Pentanone	10.263	43	1300	1.495	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	50277	51.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	50277	110.910	ug/l #	5

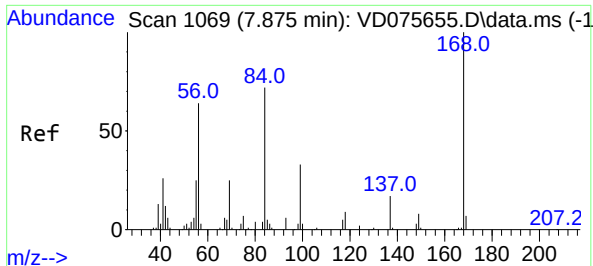
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 20 05:59:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 13 14:16:29 2023
Response via : Initial Calibration

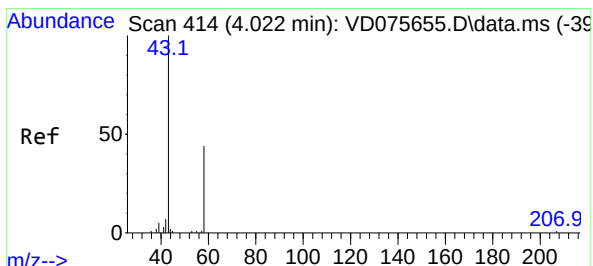
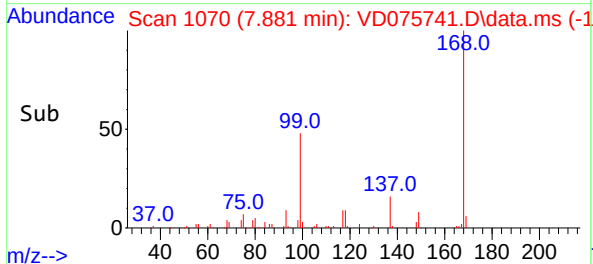
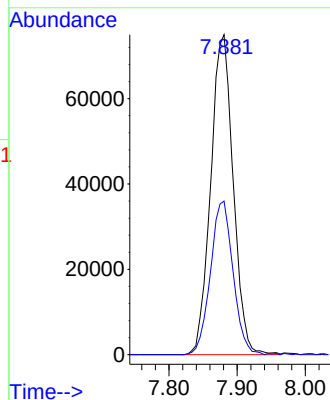
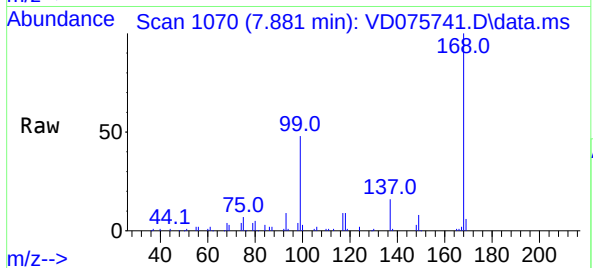




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

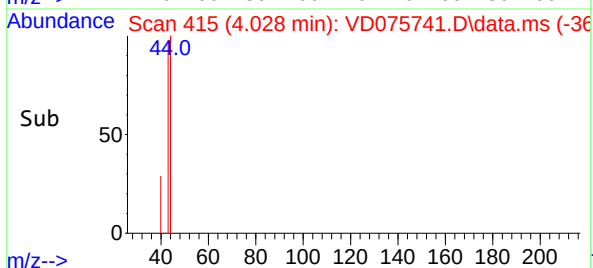
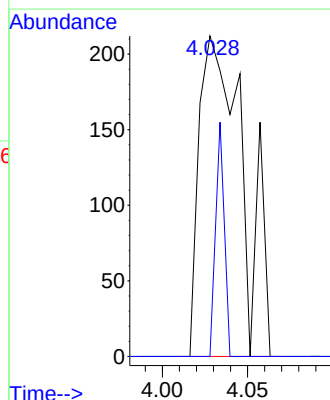
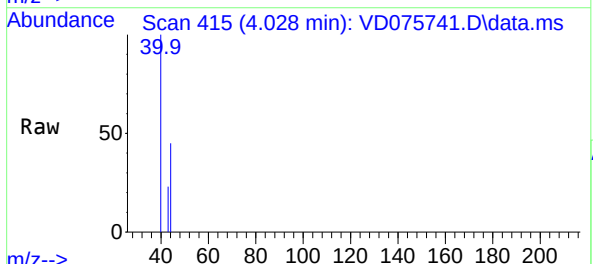
Instrument :
MSVOA_D
ClientSampleId :

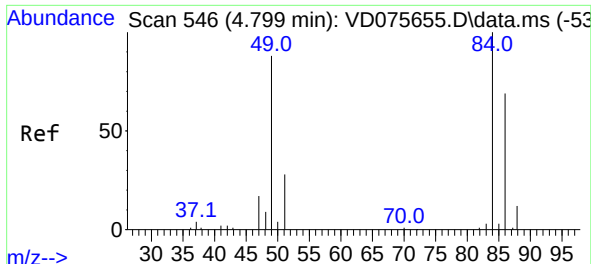
Tgt Ion:168 Resp: 172442
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#16
Acetone
Concen: 1.261 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

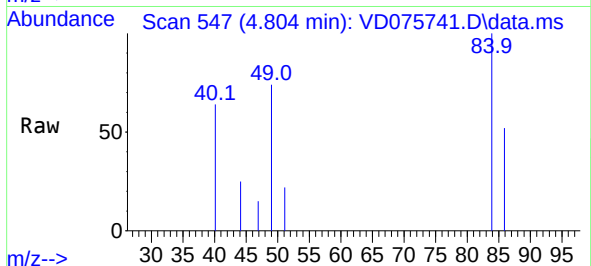
Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#





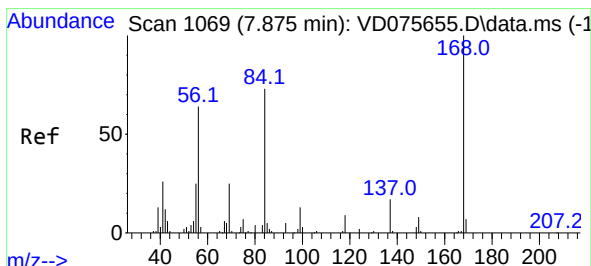
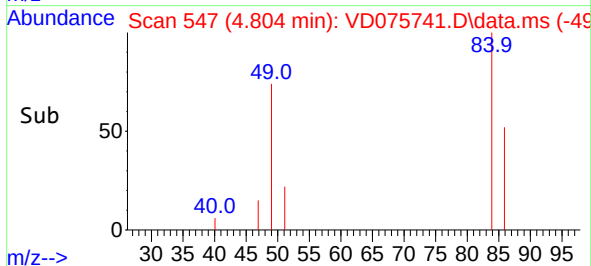
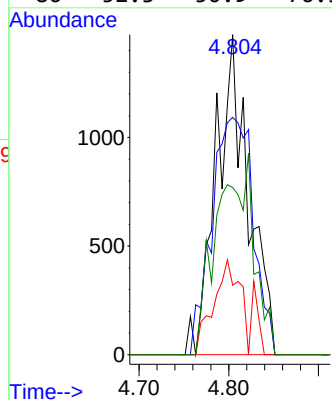
#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 3689

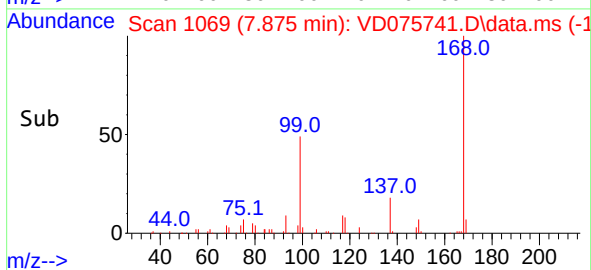
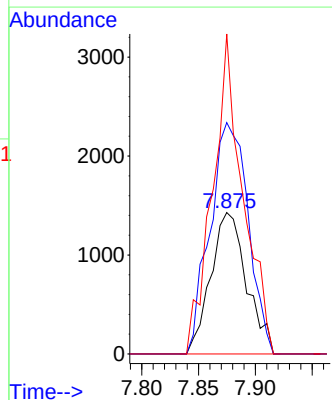
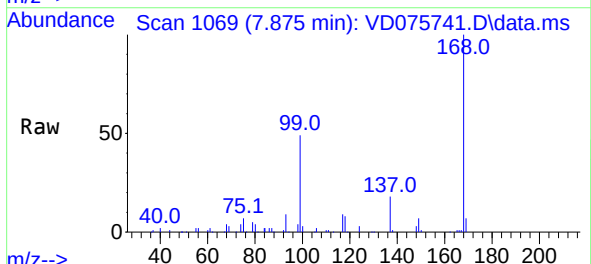
Ion	Ratio	Lower	Upper
84	100		
49	74.1	106.4	159.6#
51	21.7	32.4	48.6#
86	52.3	50.9	76.3

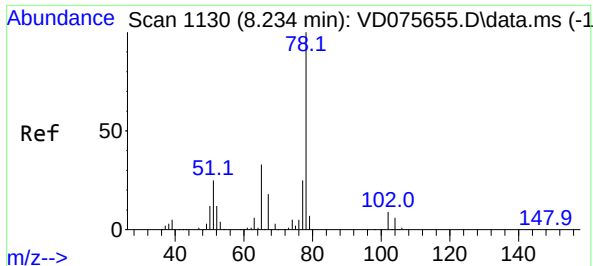


#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 56 Resp: 3143

Ion	Ratio	Lower	Upper
56	100		
69	163.6	25.5	38.3#
84	226.2	69.6	104.4#

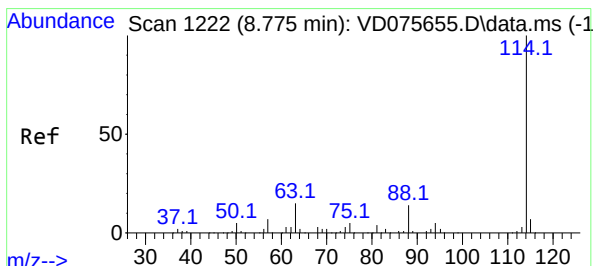
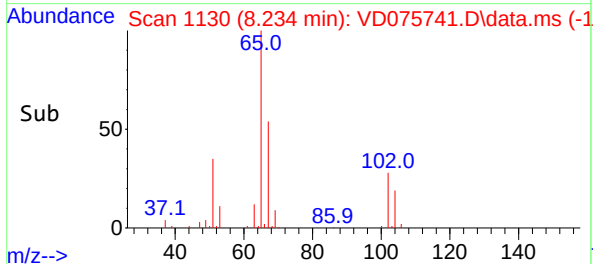
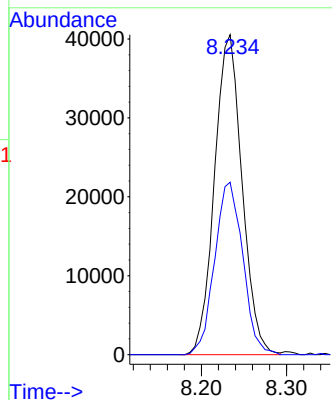
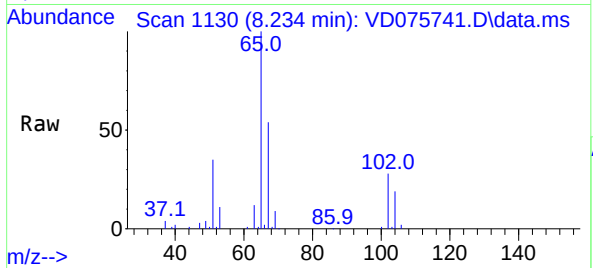




#33
1,2-Dichloroethane-d4
Concen: 55.669 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

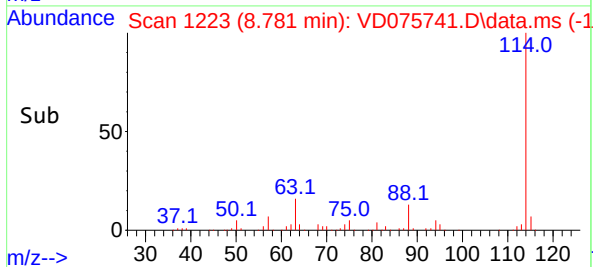
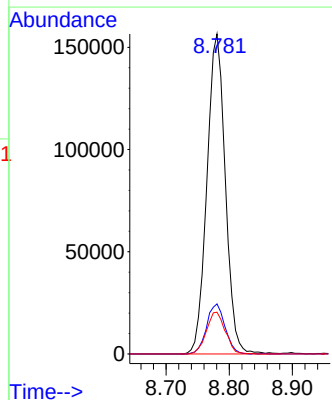
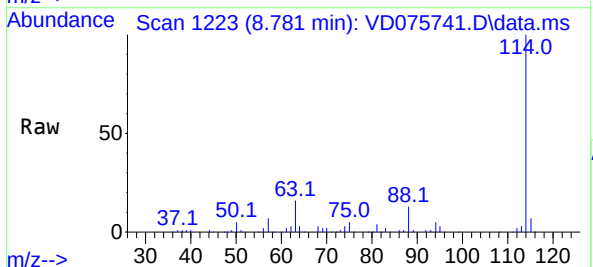
Instrument :
MSVOA_D
ClientSampleId :

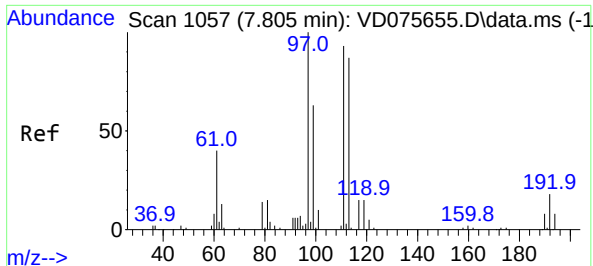
Tgt Ion: 65 Resp: 91120
Ion Ratio Lower Upper
65 100
67 55.0 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 114 Resp: 316828
Ion Ratio Lower Upper
114 100
63 15.6 0.0 41.6
88 13.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.098 ug/l

RT: 7.804 min Scan# 110

Delta R.T. -0.001 min

Lab File: VD075741.D

Acq: 19 Apr 2023 11:28

Instrument :

MSVOA_D

ClientSampleId :

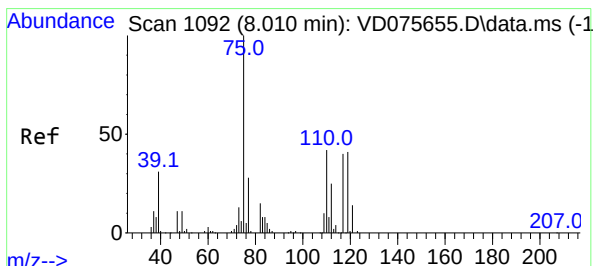
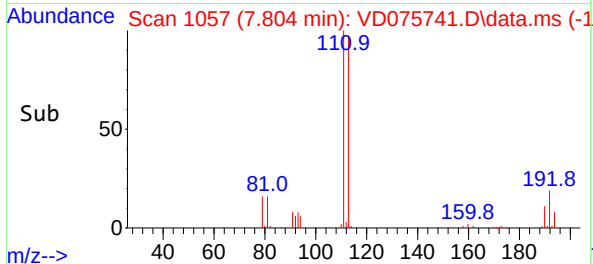
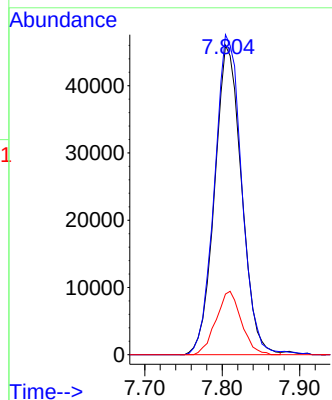
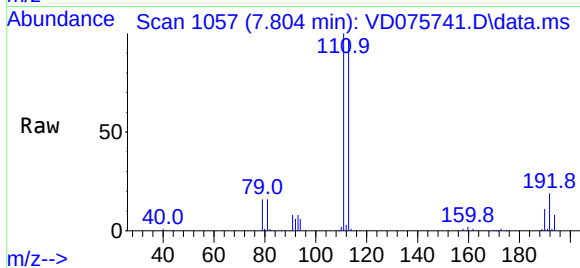
Tgt Ion:113 Resp: 111020

Ion Ratio Lower Upper

113 100

111 104.5 81.4 122.0

192 19.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.040 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD075741.D

Acq: 19 Apr 2023 11:28

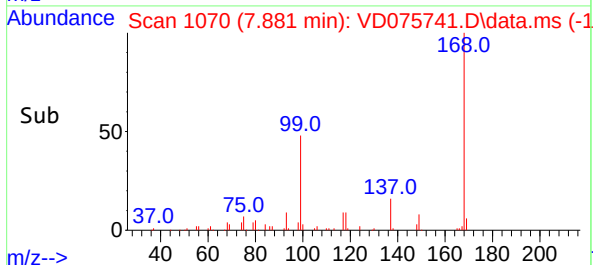
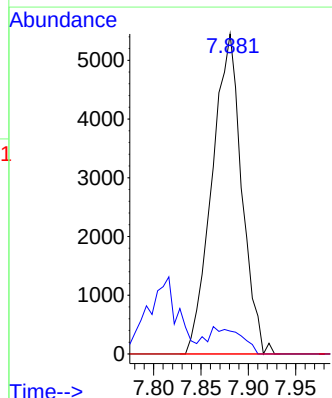
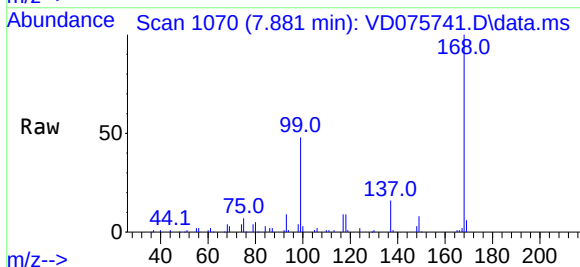
Tgt Ion: 75 Resp: 11878

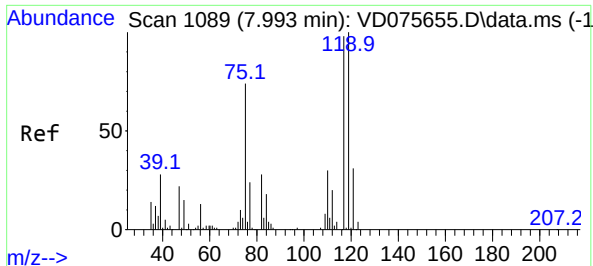
Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

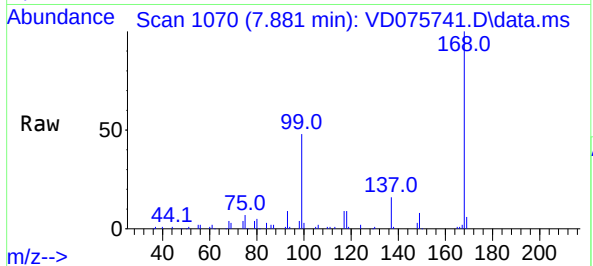
77 0.0 24.6 36.8#



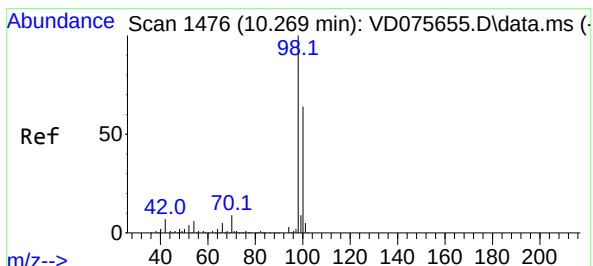
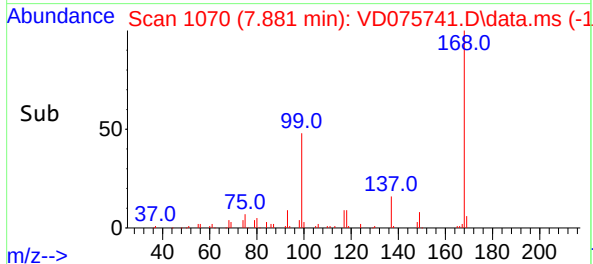
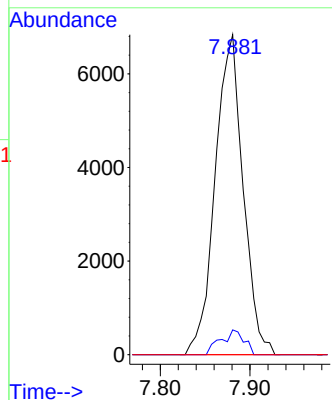


#38
Carbon Tetrachloride
Concen: 5.706 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :

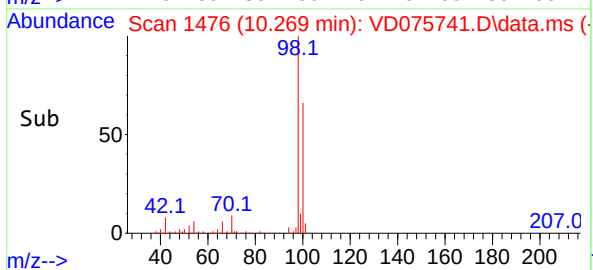
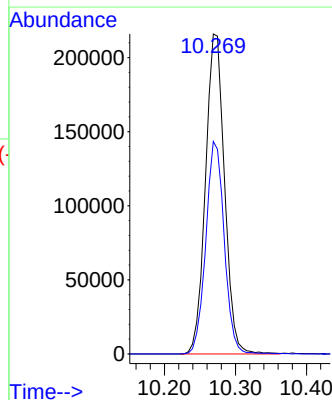
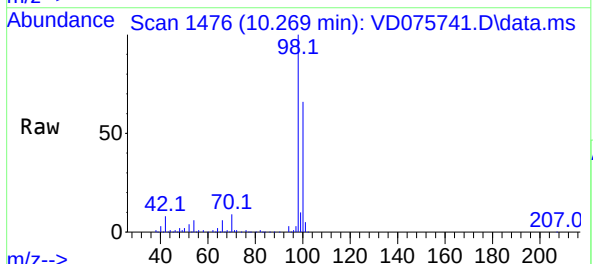


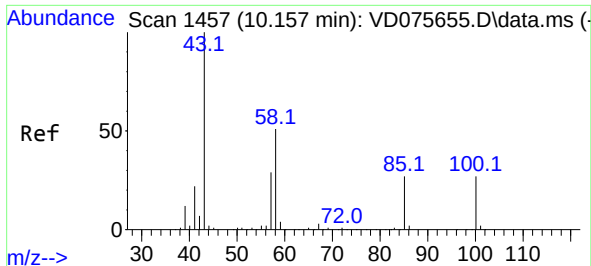
Tgt Ion:117 Resp: 14773
Ion Ratio Lower Upper
117 100
119 7.8 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 47.196 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 98 Resp: 402754
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 1.495 ug/l

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

Lab File: VD075741.D

Acq: 19 Apr 2023 11:28

Instrument :

MSVOA_D

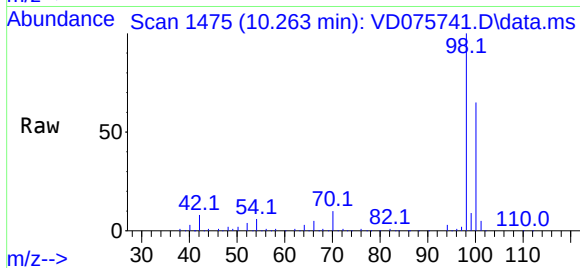
ClientSampleId :

Tgt Ion: 43 Resp: 1300

Ion Ratio Lower Upper

43 100

58 198.9 29.5 44.3#



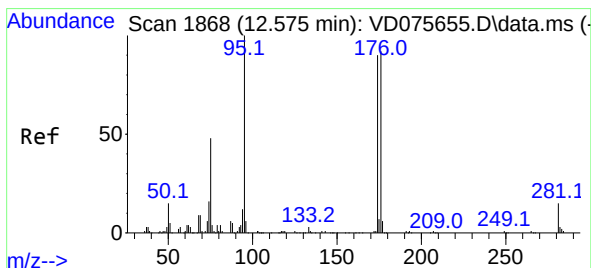
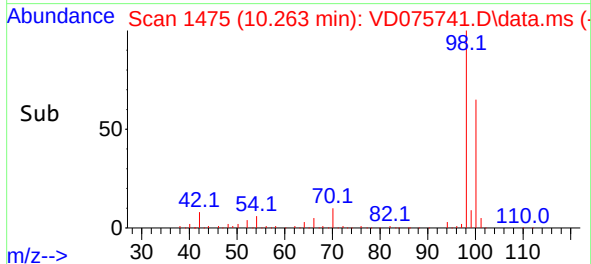
Abundance

1000

10.263

500

Time-->



#62

4-Bromofluorobenzene

Concen: 43.927 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VD075741.D

Acq: 19 Apr 2023 11:28

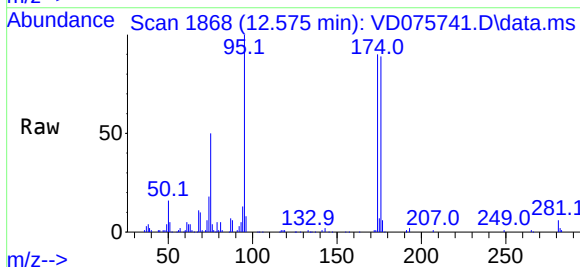
Tgt Ion: 95 Resp: 99636

Ion Ratio Lower Upper

95 100

174 91.5 0.0 164.0

176 89.1 0.0 156.8



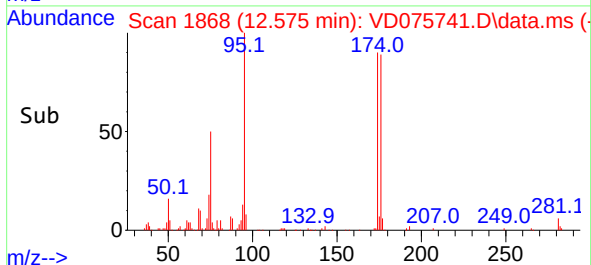
Abundance

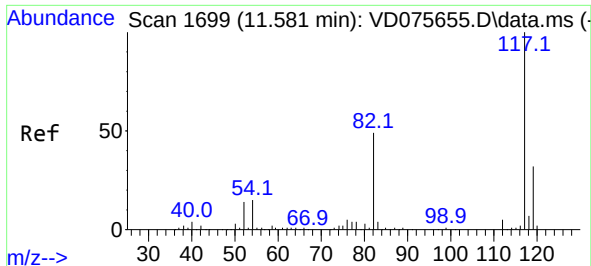
60000

12.575

40000

Time-->

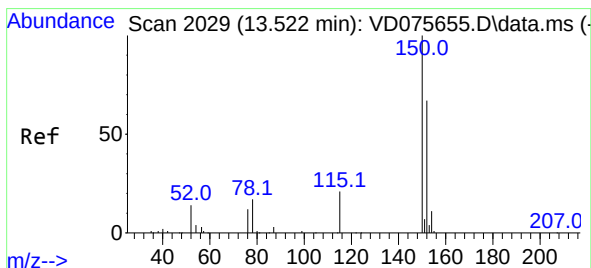
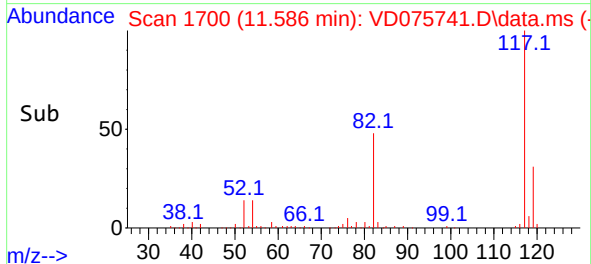
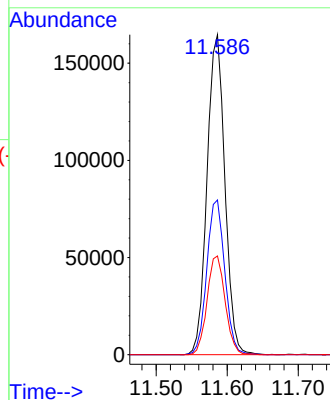
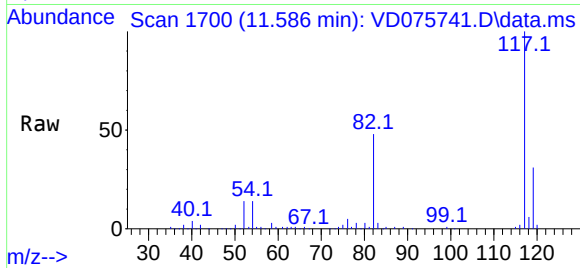




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

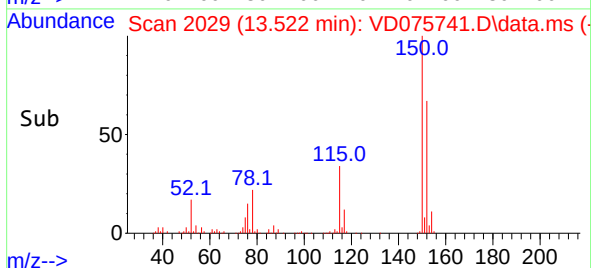
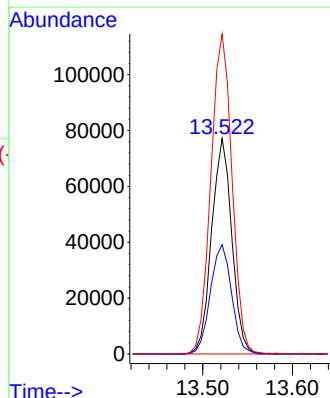
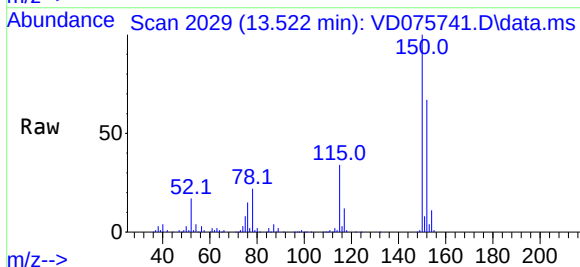
Instrument :
MSVOA_D
ClientSampleId :

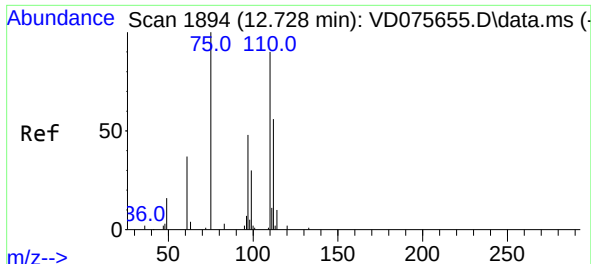
Tgt Ion:117 Resp: 287679
Ion Ratio Lower Upper
117 100
82 48.3 44.0 66.0
119 30.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion:152 Resp: 120481
Ion Ratio Lower Upper
152 100
115 53.2 30.1 90.3
150 155.4 0.0 364.8

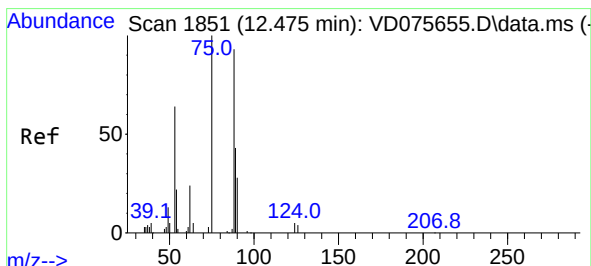
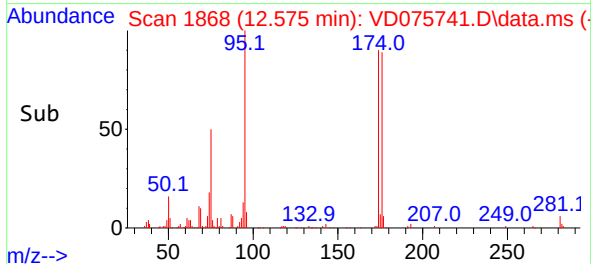
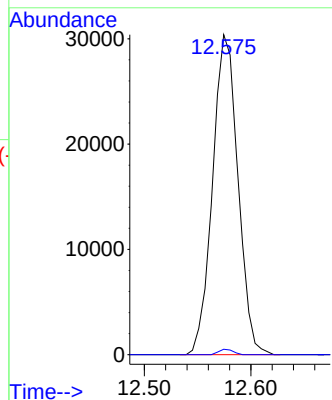
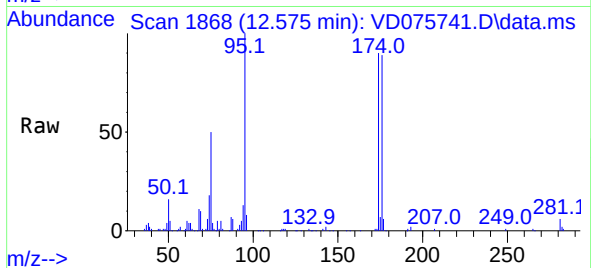




#76
1,2,3-Trichloropropane
Concen: 51.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 50277
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.910 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD075741.D
Acq: 19 Apr 2023 11:28

Tgt Ion: 75 Resp: 50277
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.2 40.2 60.4#

