

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072938.D
 Acq On : 11 May 2022 18:41
 Operator : VA/SY
 Sample : N2749-16
 Misc : 4.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6

Quant Time: May 12 04:15:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

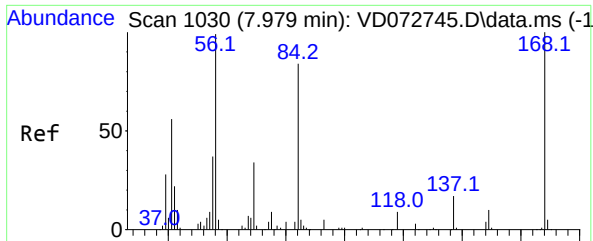
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	370577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	661882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	661001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204829	42.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.160%
35) Dibromofluoromethane	7.909	113	213918	46.019	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.040%
50) Toluene-d8	10.332	98	808018	48.458	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.920%
62) 4-Bromofluorobenzene	12.620	95	301478	48.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.980%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1026	Below Cal	#	69
11) Tert butyl alcohol	5.179	59	13890	33.374	ug/l #	75
16) Acetone	4.162	43	5958	Below Cal		91
18) Methyl Acetate	4.526	43	92	Below Cal	#	55
20) Methylene Chloride	4.968	84	20291	Below Cal	#	79
31) Cyclohexane	7.973	56	9457	1.125	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	32363	4.282	ug/l #	52
38) Carbon Tetrachloride	7.973	117	39340	5.014	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	155199	44.723	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	155199	102.845	ug/l #	7

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

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Response via : Initial Calibration

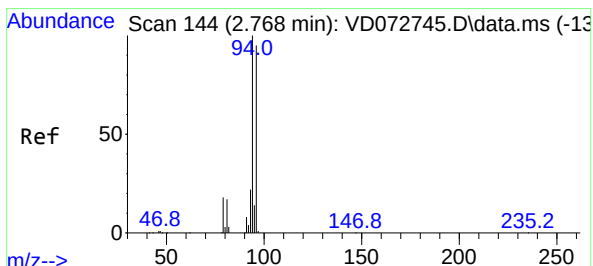
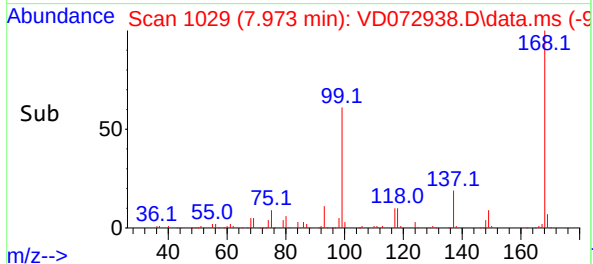
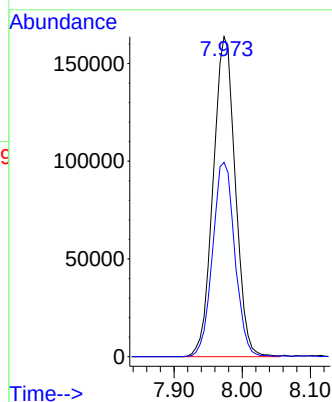
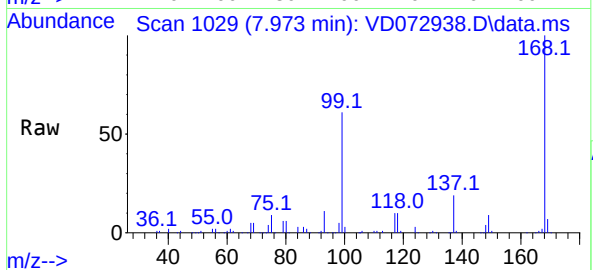




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

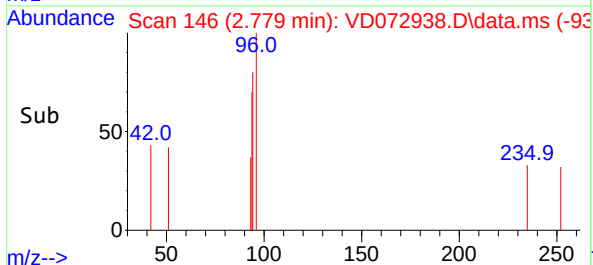
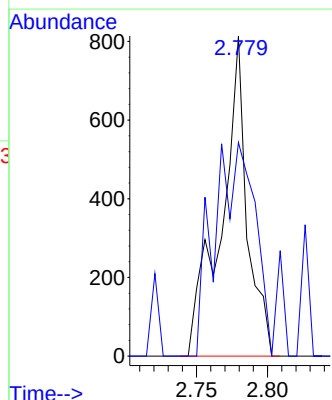
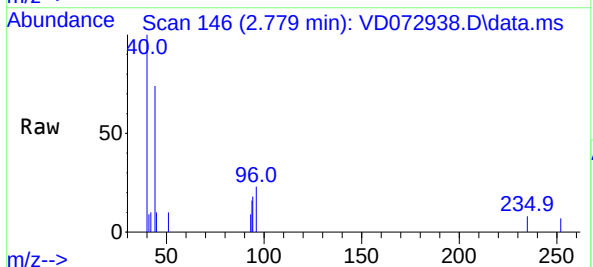
Instrument :
MSVOA_D
ClientSampleId :
TP-6

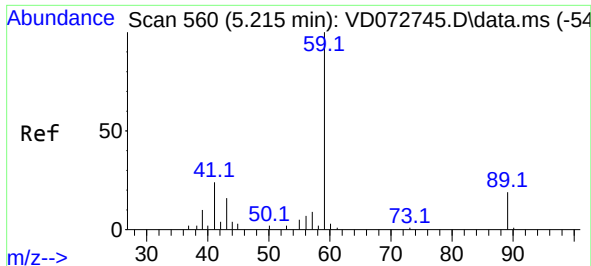
Tgt Ion:168 Resp: 370577
Ion Ratio Lower Upper
168 100
99 60.7 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Tgt Ion: 94 Resp: 1026
Ion Ratio Lower Upper
94 100
96 66.7 77.6 116.4#

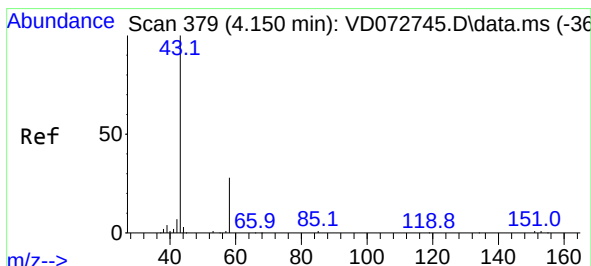
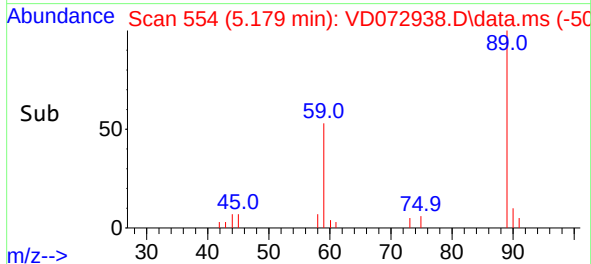
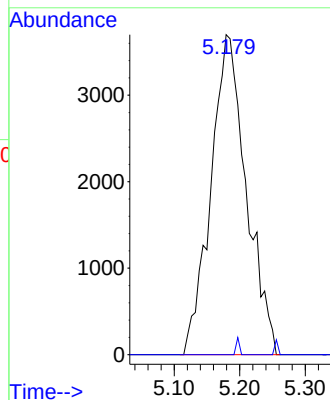
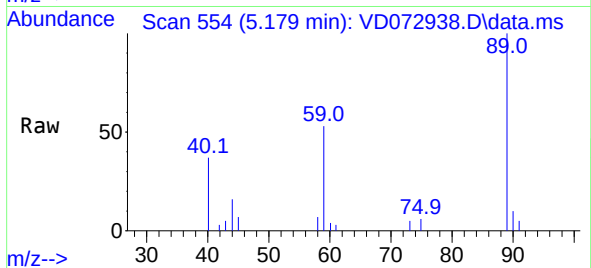




#11
Tert butyl alcohol
Concen: 33.374 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

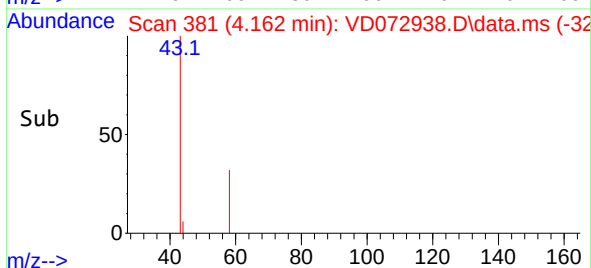
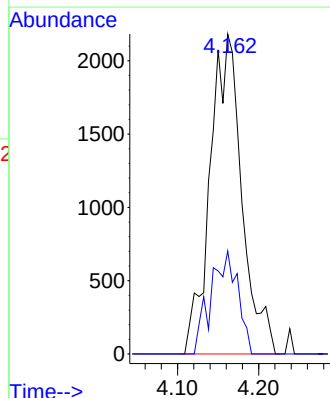
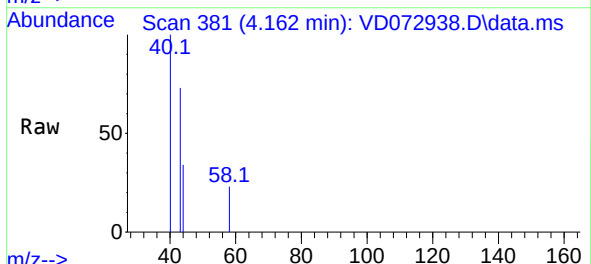
Instrument :
MSVOA_D
ClientSampleId :
TP-6

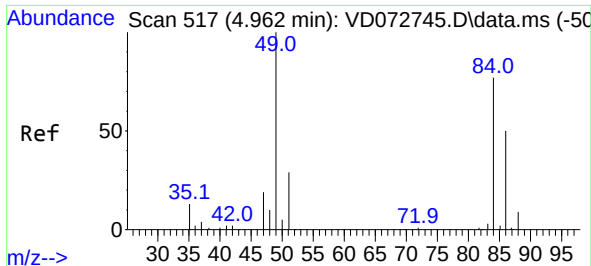
Tgt Ion: 59 Resp: 13890
Ion Ratio Lower Upper
59 100
57 0.5 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Tgt Ion: 43 Resp: 5958
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1



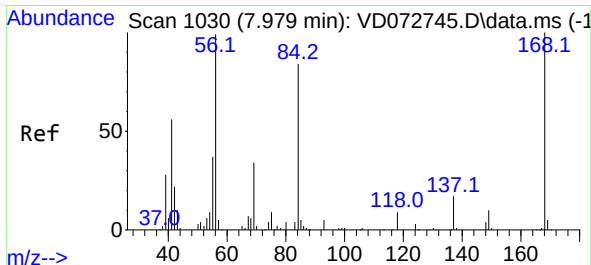
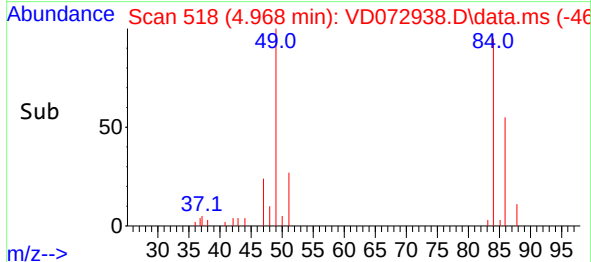
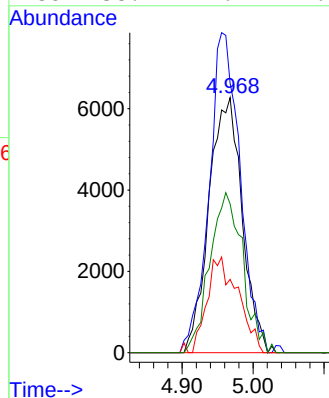
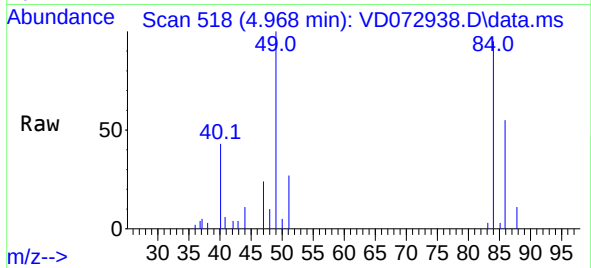


#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Instrument :
MSVOA_D
ClientSampleId :
TP-6

Tgt Ion: 84 Resp: 20291

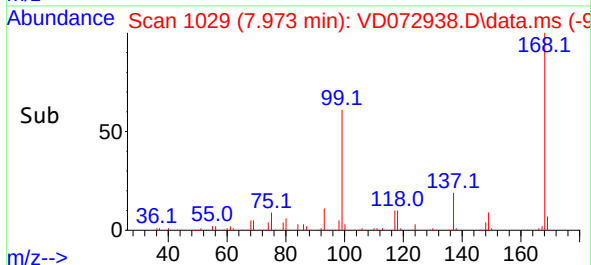
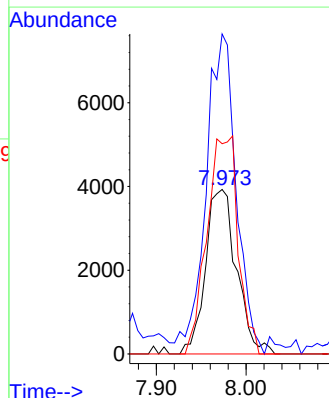
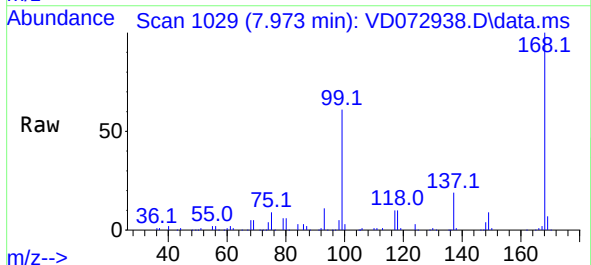
Ion	Ratio	Lower	Upper
84	100		
49	105.6	112.8	169.2#
51	28.7	32.6	48.8#
86	58.4	47.9	71.9

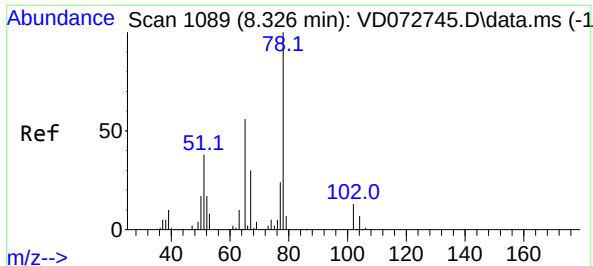


#31
Cyclohexane
Concen: 1.125 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Tgt Ion: 56 Resp: 9457

Ion	Ratio	Lower	Upper
56	100		
69	189.2	25.4	38.2#
84	127.8	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.581 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072938.D

Acq: 11 May 2022 18:41

Instrument :

MSVOA_D

ClientSampleId :

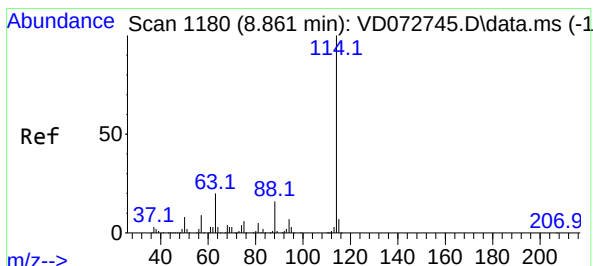
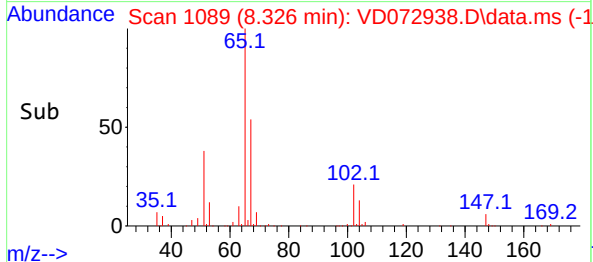
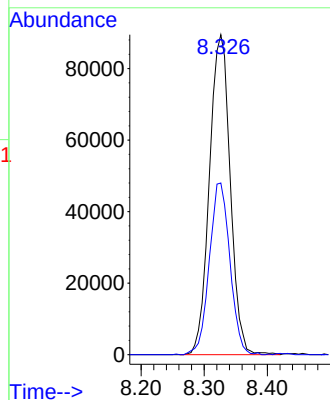
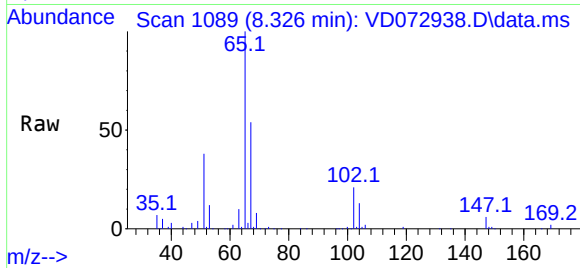
TP-6

Tgt Ion: 65 Resp: 204829

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072938.D

Acq: 11 May 2022 18:41

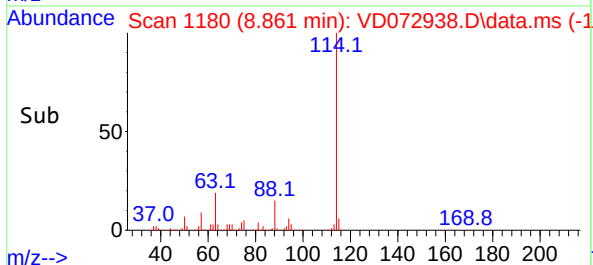
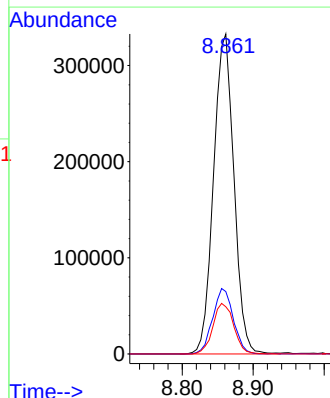
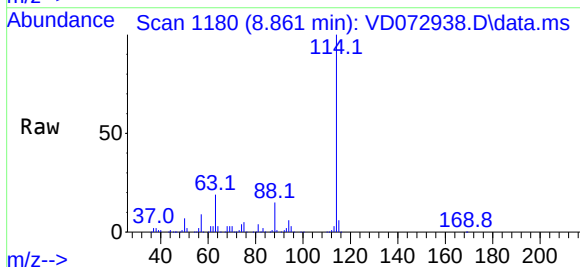
Tgt Ion: 114 Resp: 661882

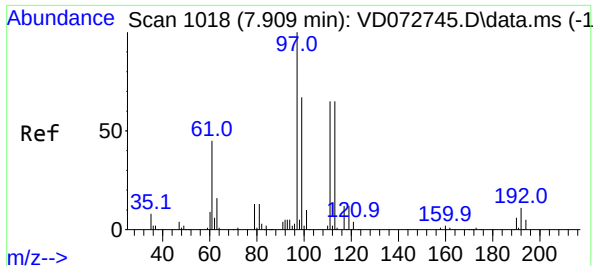
Ion Ratio Lower Upper

114 100

63 19.5 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.019 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072938.D

Acq: 11 May 2022 18:41

Instrument :

MSVOA_D

ClientSampleId :

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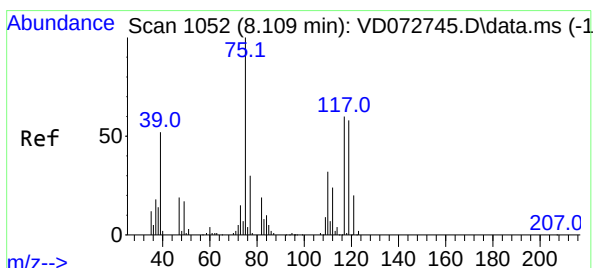
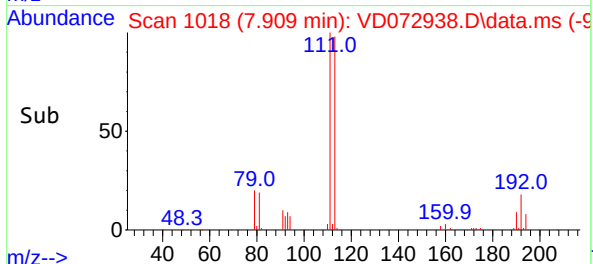
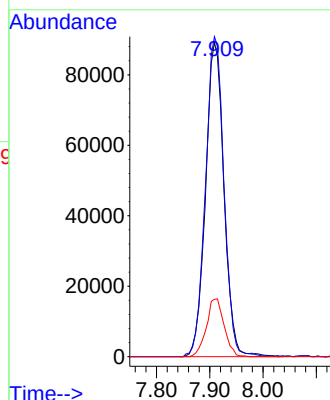
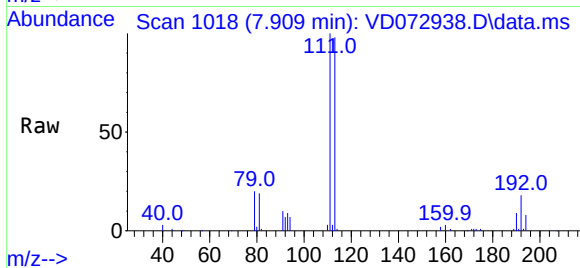
Tgt Ion:113 Resp: 213918

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.282 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072938.D

Acq: 11 May 2022 18:41

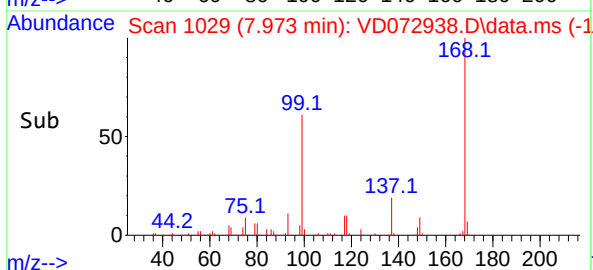
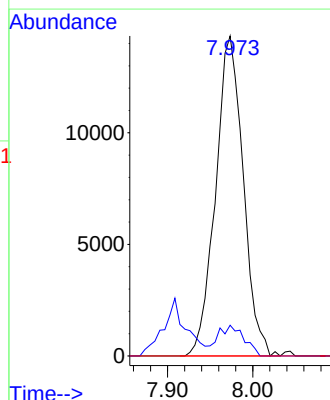
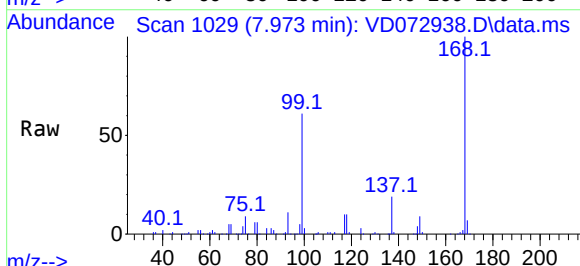
Tgt Ion: 75 Resp: 32363

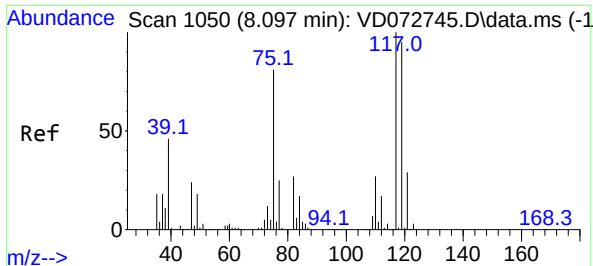
Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.0 24.2 36.2#

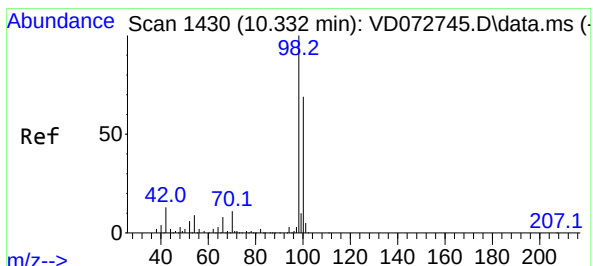
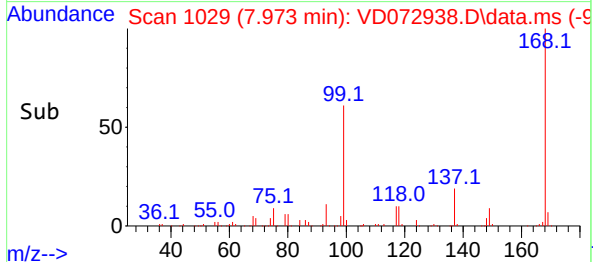
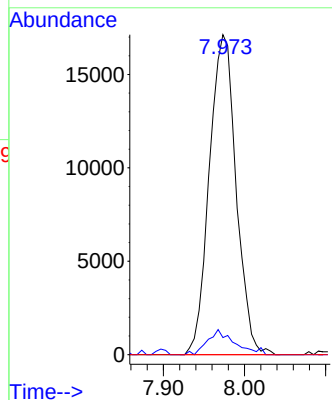
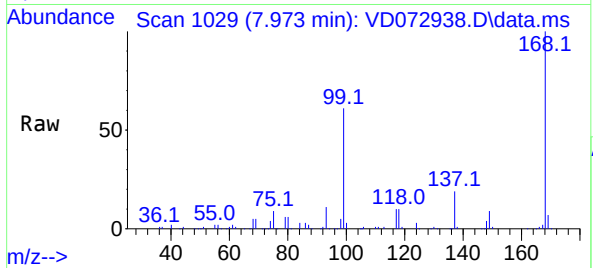




#38
Carbon Tetrachloride
Concen: 5.014 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

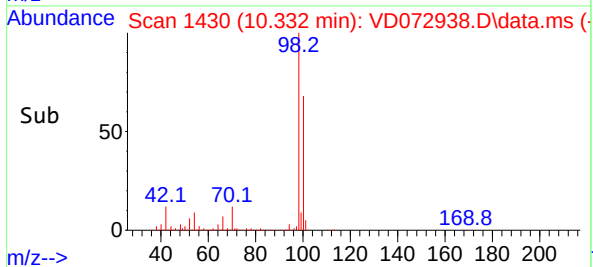
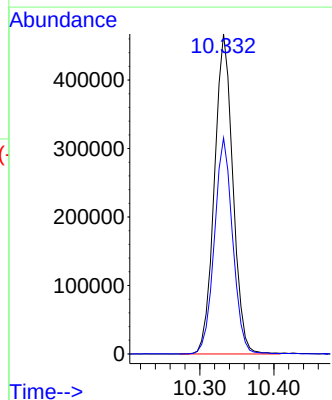
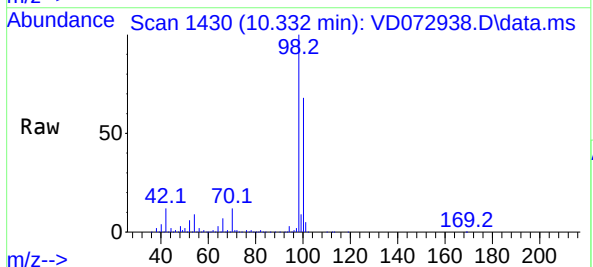
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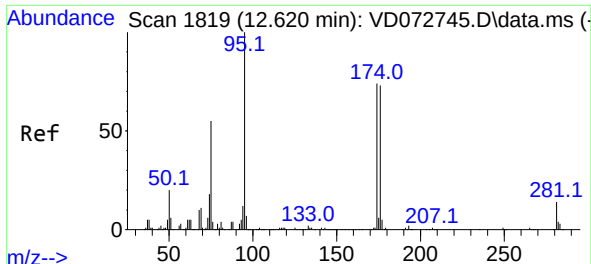
Tgt Ion:117 Resp: 39340
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.458 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Tgt Ion: 98 Resp: 808018
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

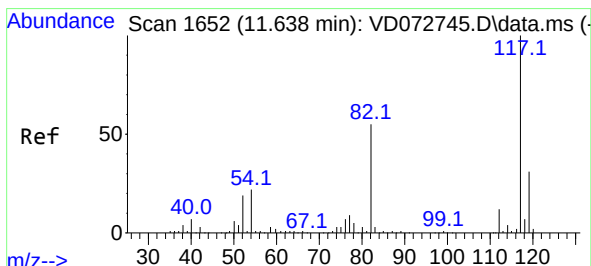
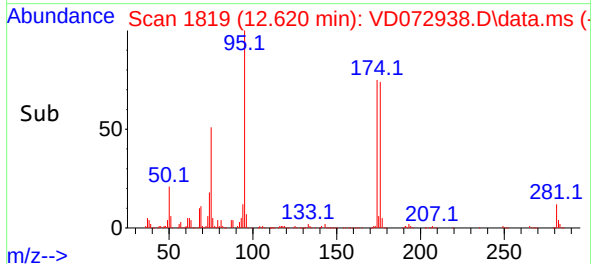
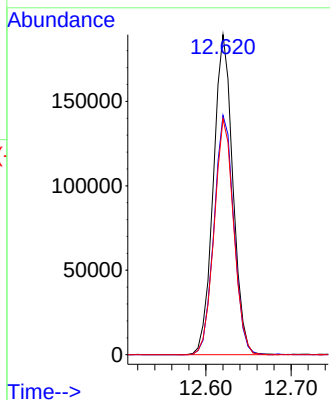
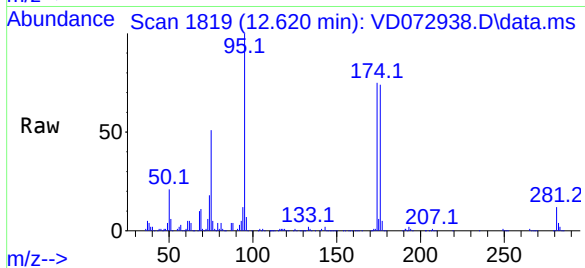




#62
4-Bromofluorobenzene
Concen: 48.489 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

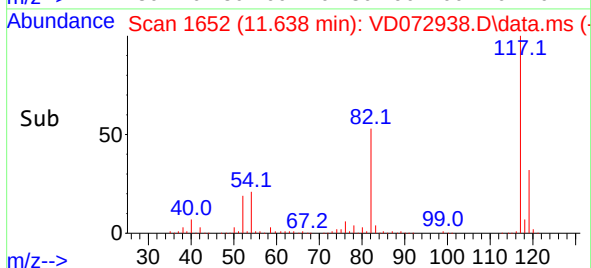
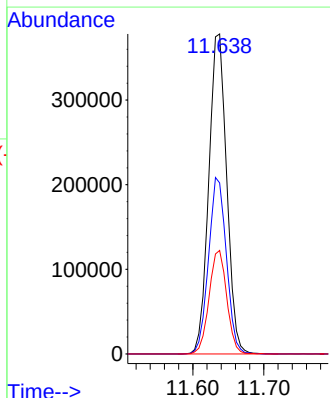
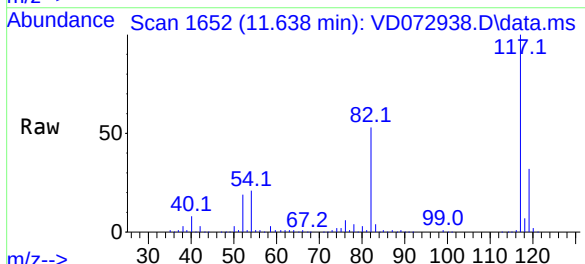
Instrument :
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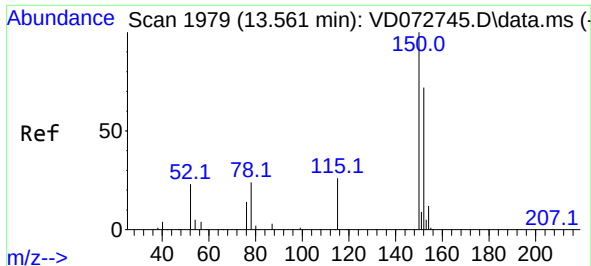
Tgt Ion: 95 Resp: 301478
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.8
176 73.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

Tgt Ion: 117 Resp: 661001
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.4 26.6 40.0

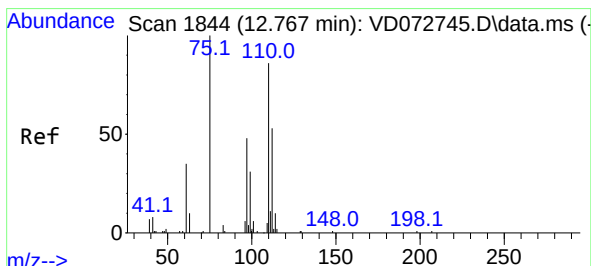
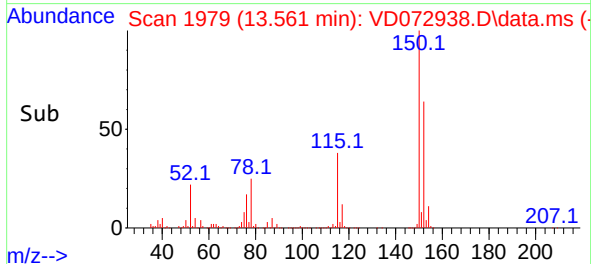
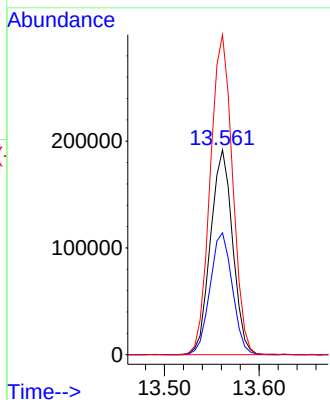
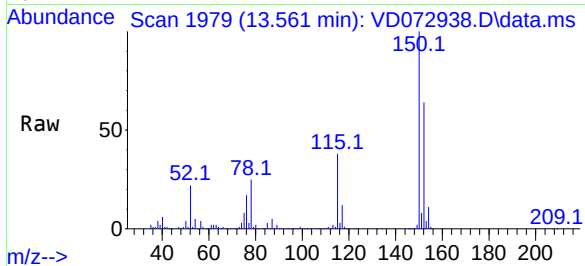




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

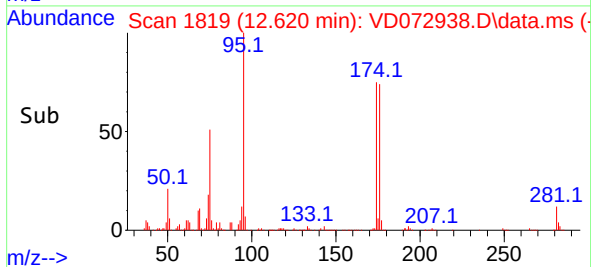
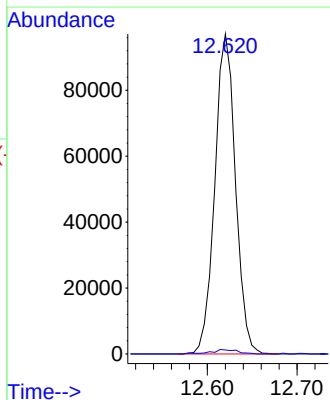
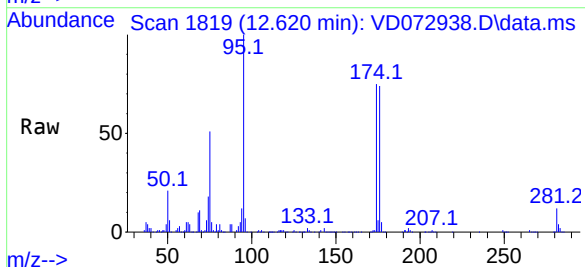
Instrument :
MSVOA_D
ClientSampleId :
TP-6

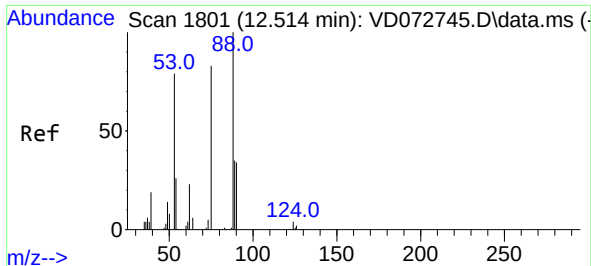
Tgt Ion:152 Resp: 311211
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 157.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.723 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072938.D
Acq: 11 May 2022 18:41

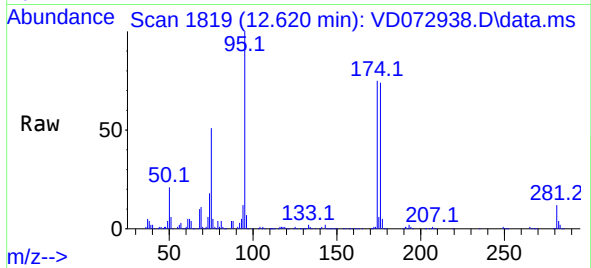
Tgt Ion: 75 Resp: 155199
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.845 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072938.D
 Acq: 11 May 2022 18:41

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6



Tgt Ion: 75 Resp: 155199
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.5 129.7#
 89 0.3 33.9 50.9#

