

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072972.D
 Acq On : 13 May 2022 03:53
 Operator : VA/SY
 Sample : N2817-08
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P010-SS003-0612-01

Quant Time: May 13 06:03:25 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)

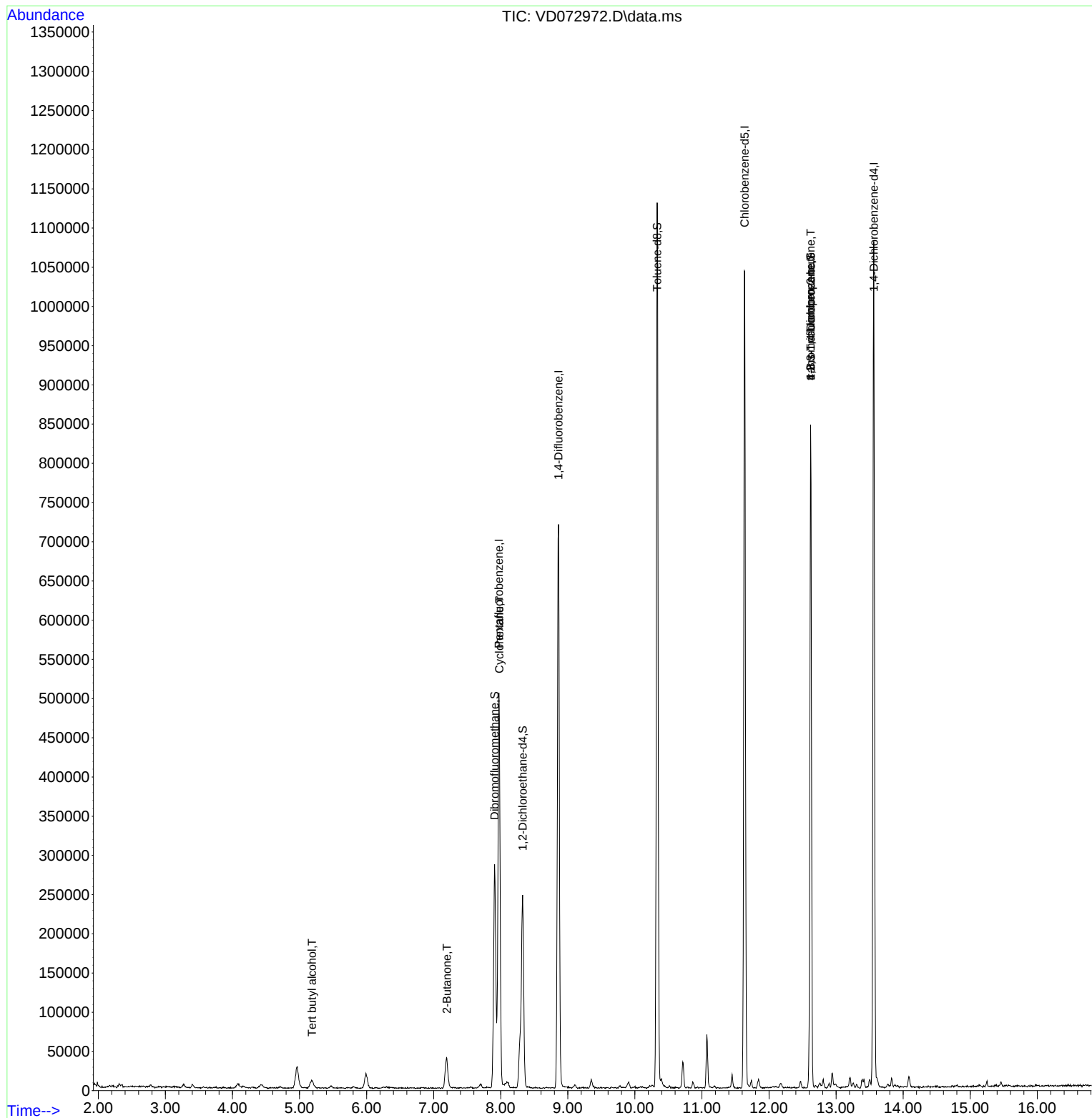
Internal Standards						
1) Pentafluorobenzene	7.973	168	352440	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	620309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	606143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	278108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	189582	41.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.880%
35) Dibromofluoromethane	7.908	113	200414	46.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.000%
50) Toluene-d8	10.332	98	756540	48.412	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.620	95	269486	46.248	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.500%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1529	Below Cal		91
11) Tert butyl alcohol	5.185	59	9432	23.829 ug/l	#	74
16) Acetone	4.162	43	4383	Below Cal		98
18) Methyl Acetate	4.685	43	60	Below Cal	#	55
20) Methylene Chloride	4.967	84	21528	Below Cal		84
25) 2-Butanone	7.197	43	2331	1.749 ug/l	#	52
31) Cyclohexane	7.979	56	11133	1.392 ug/l	#	33
76) 1,2,3-Trichloropropane	12.620	75	138213	44.569 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	138213	102.491 ug/l	#	7

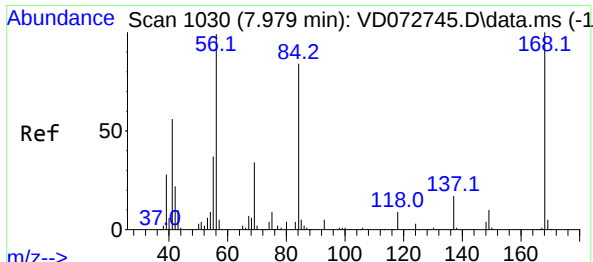
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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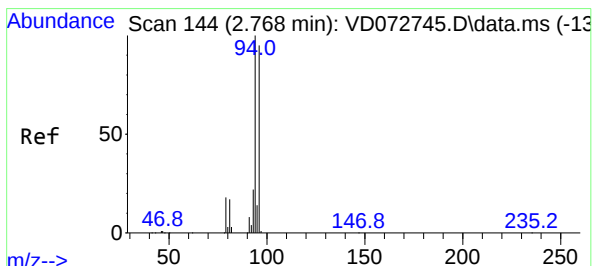
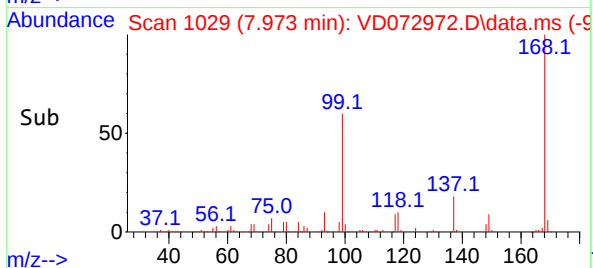
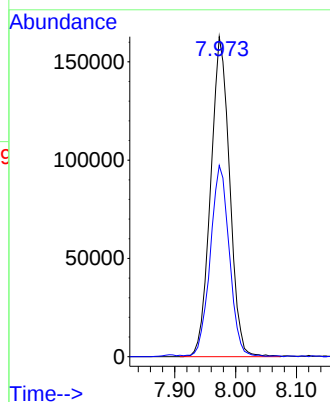
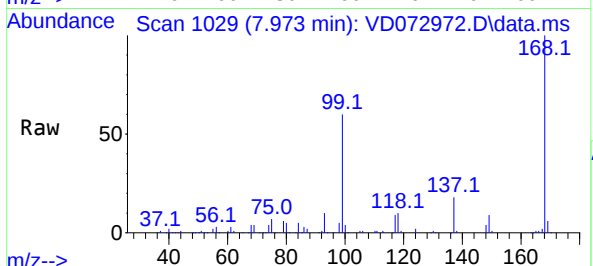




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

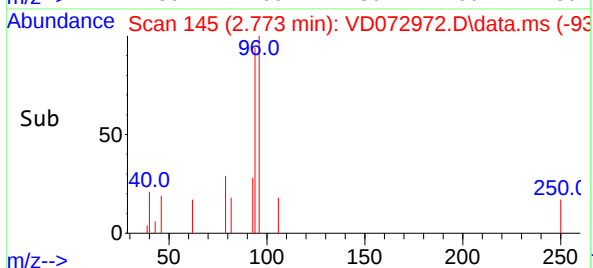
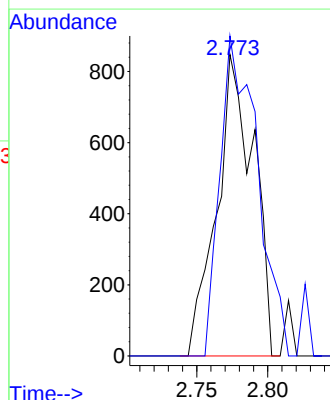
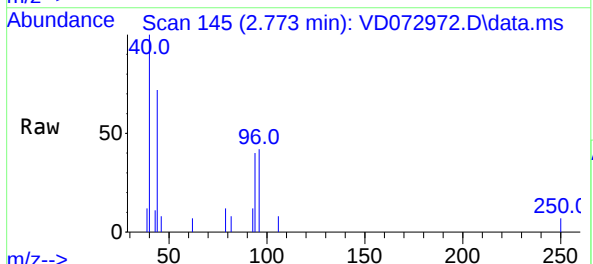
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

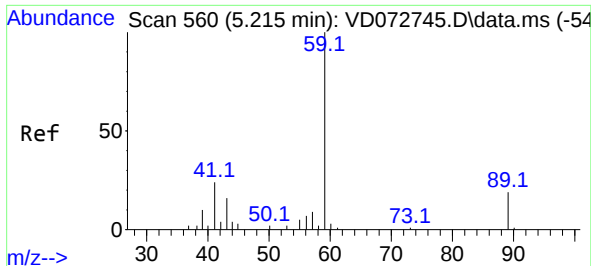
Tgt Ion:168 Resp: 352440
Ion Ratio Lower Upper
168 100
99 59.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 94 Resp: 1529
Ion Ratio Lower Upper
94 100
96 106.1 77.6 116.4

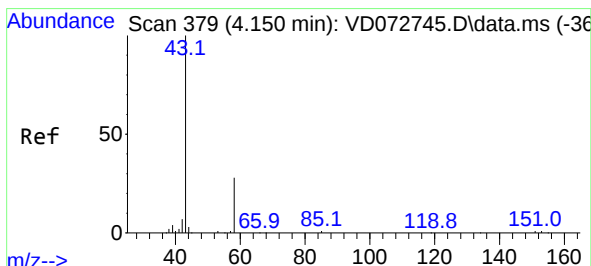
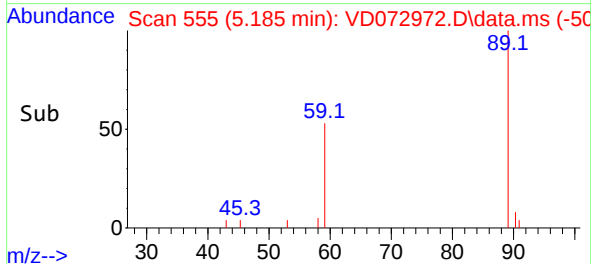
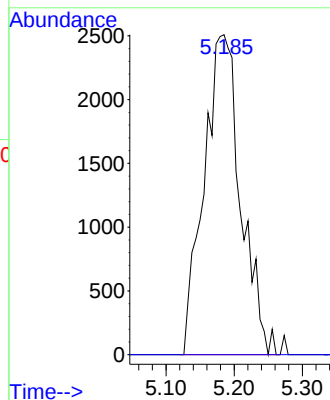
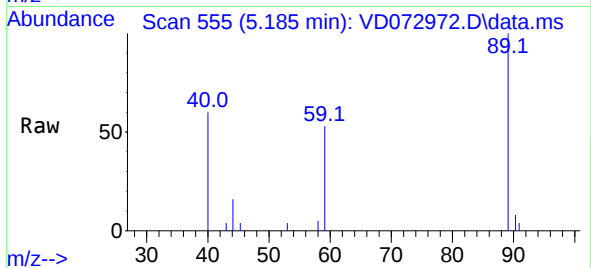




#11
Tert butyl alcohol
Concen: 23.829 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

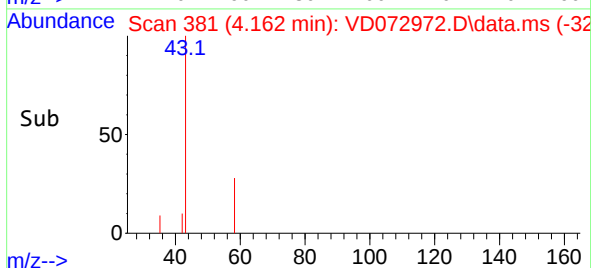
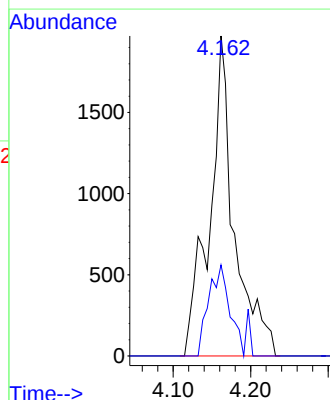
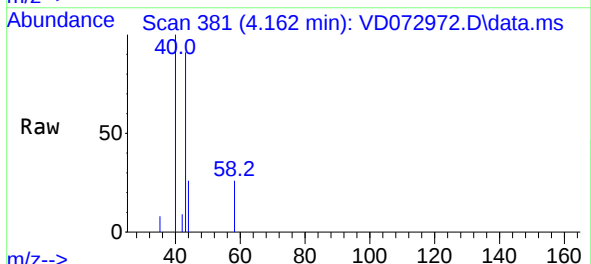
Instrument :
MSVOA_D
ClientSampleId :
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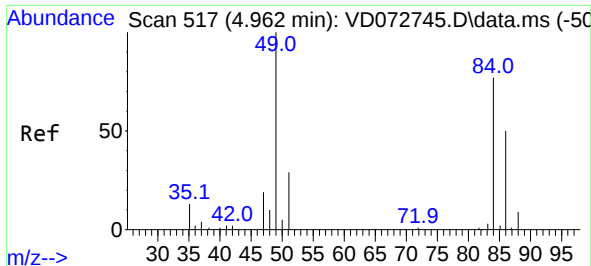
Tgt Ion: 59 Resp: 9432
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 43 Resp: 4383
Ion Ratio Lower Upper
43 100
58 28.5 22.1 33.1

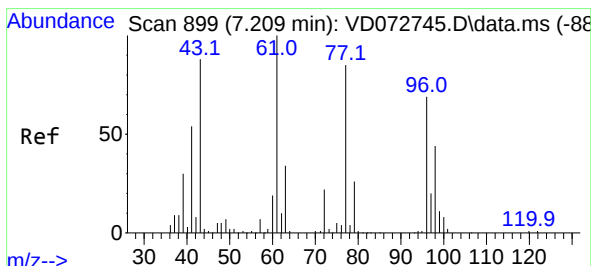
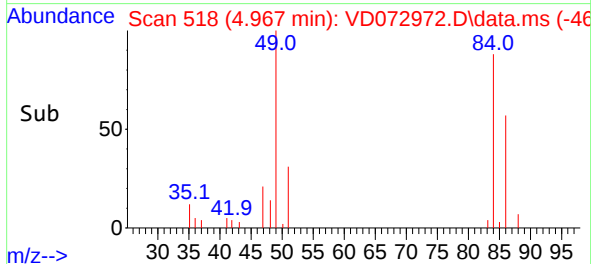
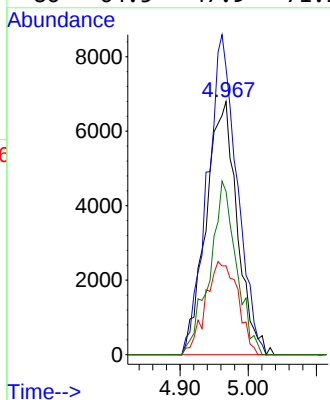
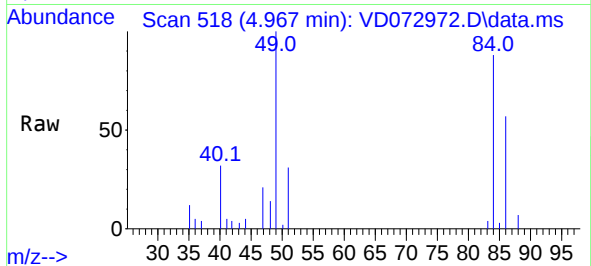




#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

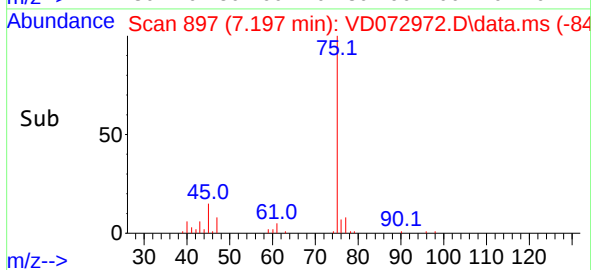
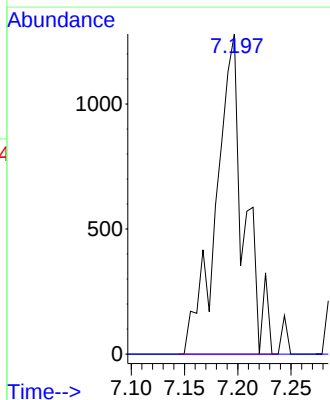
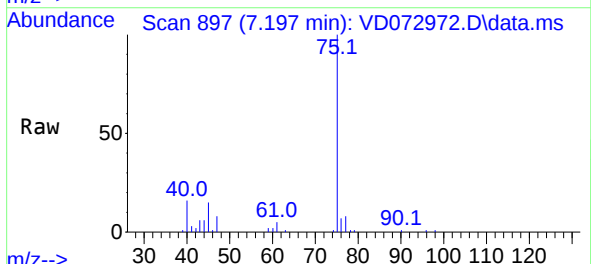
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

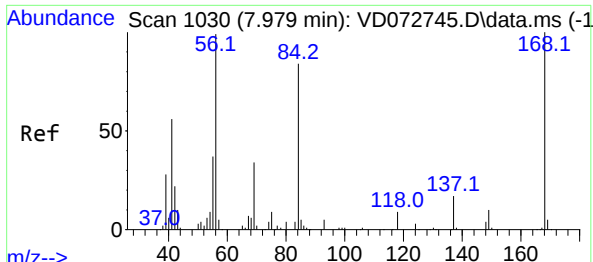
Tgt Ion:	84	Resp:	21528
Ion	Ratio	Lower	Upper
84	100		
49	113.3	112.8	169.2
51	35.1	32.6	48.8
86	64.5	47.9	71.9



#25
2-Butanone
Concen: 1.749 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

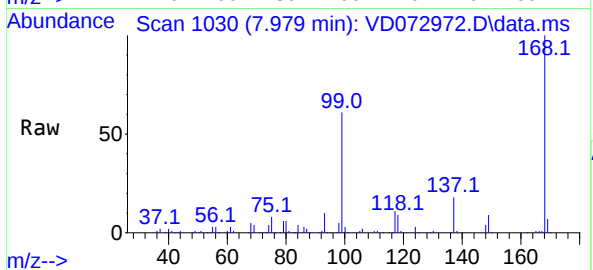
Tgt Ion:	43	Resp:	2331
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



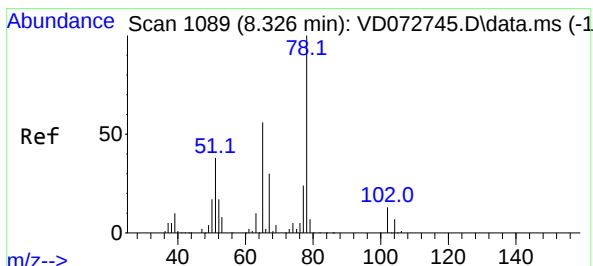
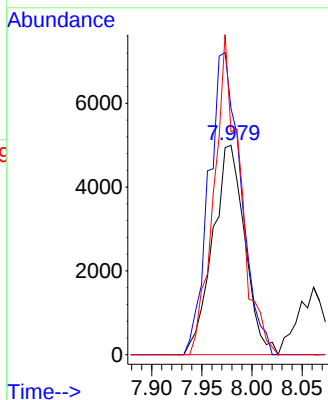
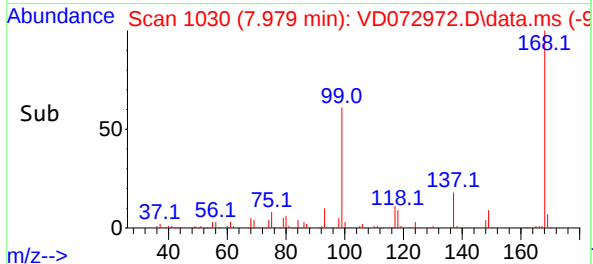


#31
Cyclohexane
Concen: 1.392 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

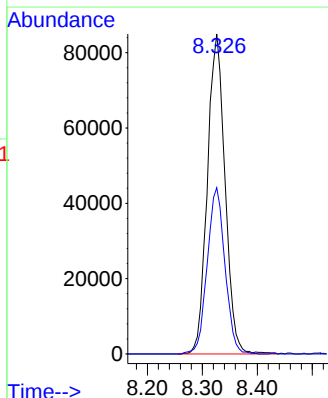
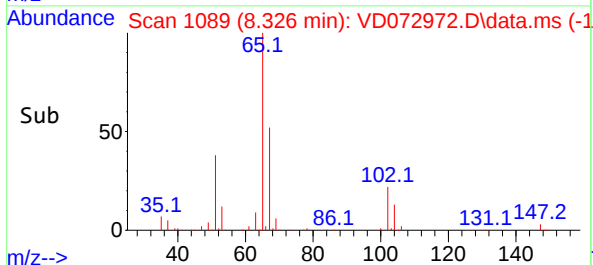
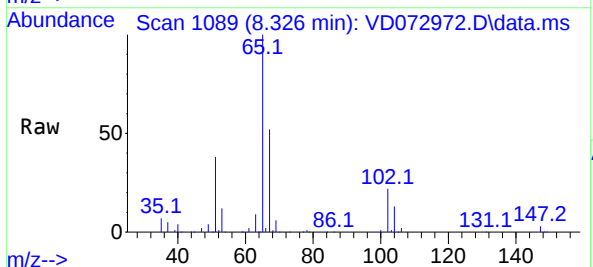


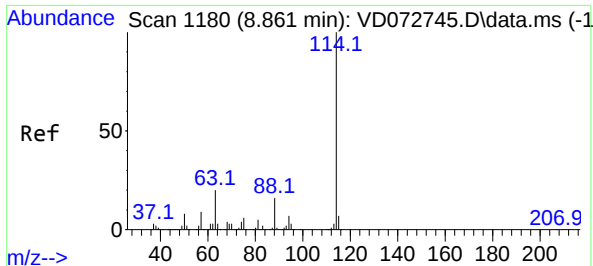
Tgt Ion: 56 Resp: 11133
Ion Ratio Lower Upper
56 100
69 117.5 25.4 38.2#
84 106.4 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 41.439 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 65 Resp: 189582
Ion Ratio Lower Upper
65 100
67 52.2 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: VD072972.D

Acq: 13 May 2022 03:53

Instrument :

MSVOA_D

ClientSampleId :

P010-SS003-0612-01

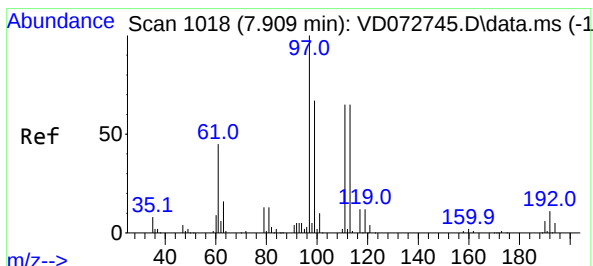
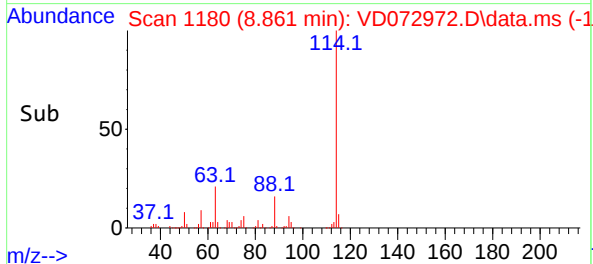
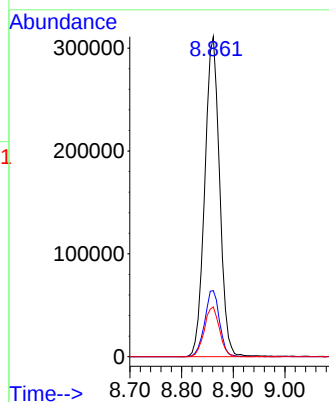
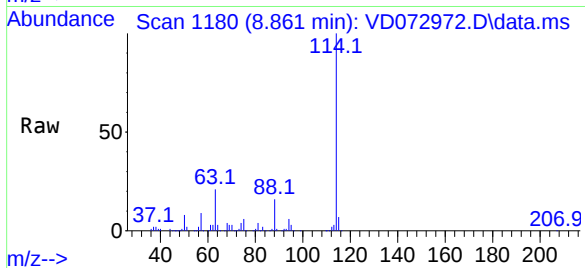
Tgt Ion:114 Resp: 620309

Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.5 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.003 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072972.D

Acq: 13 May 2022 03:53

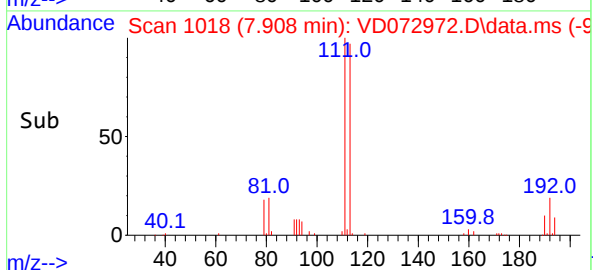
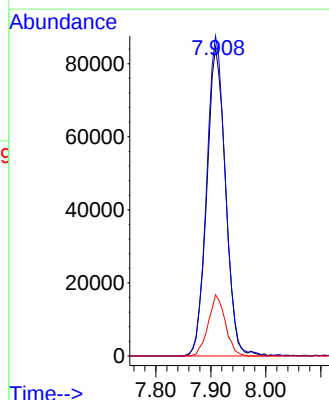
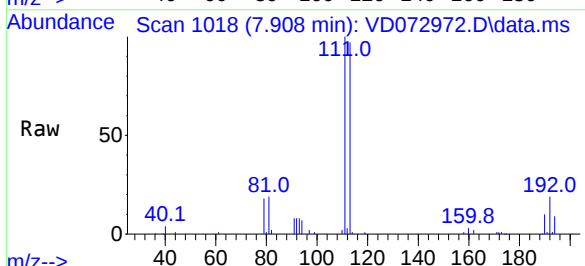
Tgt Ion:113 Resp: 200414

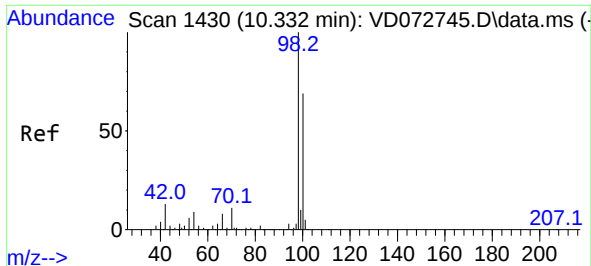
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 18.0 14.6 21.8

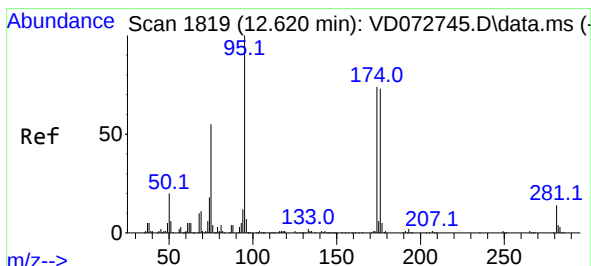
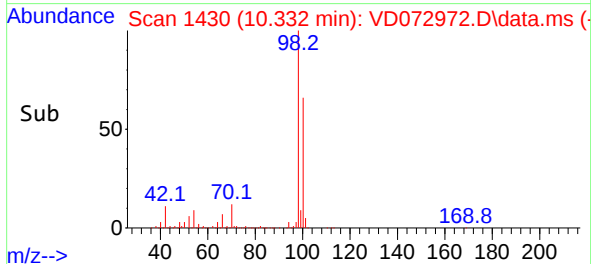
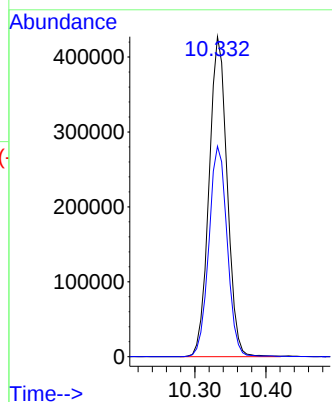
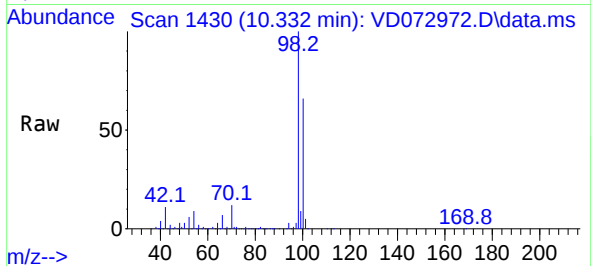




#50
Toluene-d8
Concen: 48.412 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

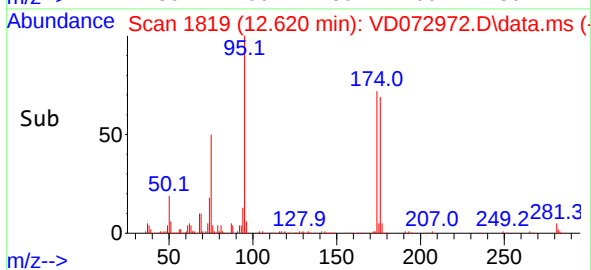
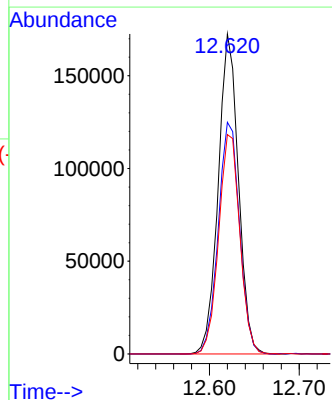
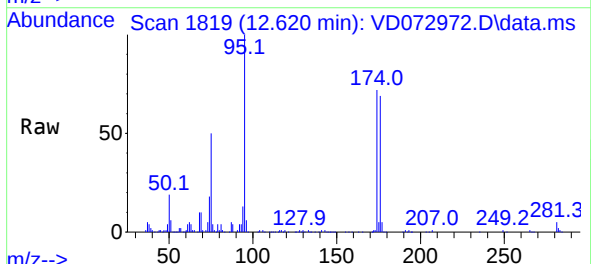
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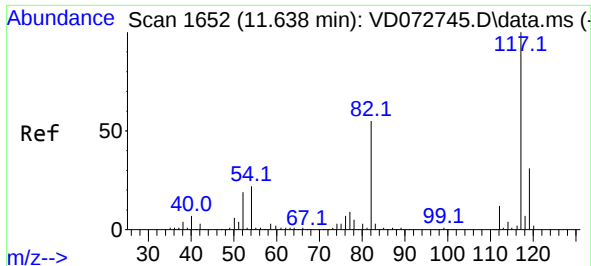
Tgt Ion: 98 Resp: 756540
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.248 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 95 Resp: 269486
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 71.9 0.0 145.4

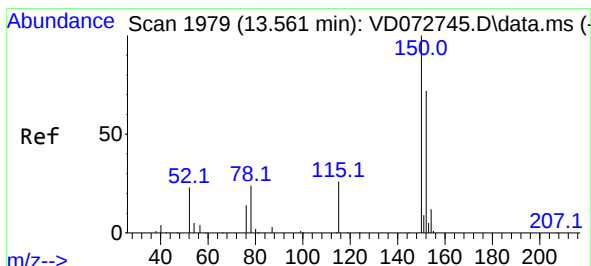
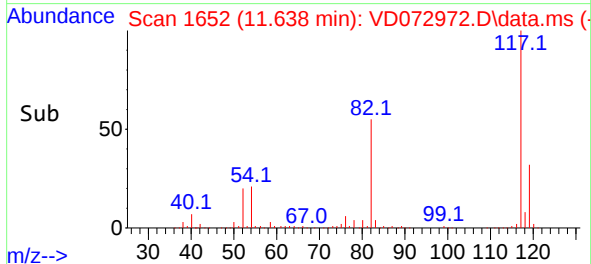
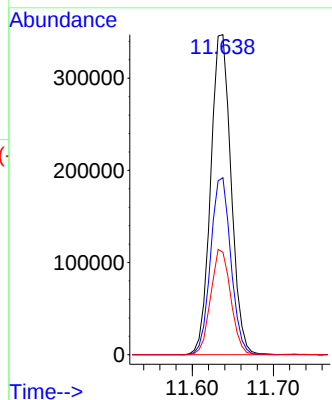
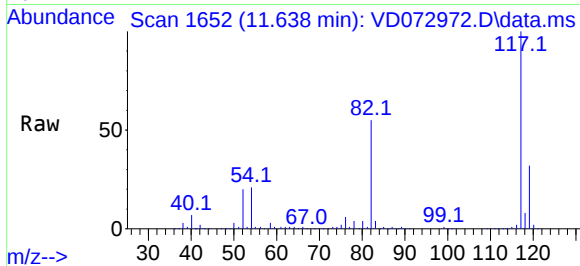




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

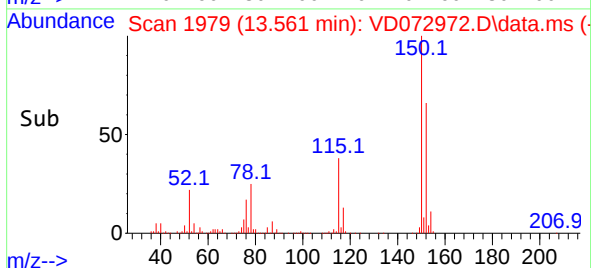
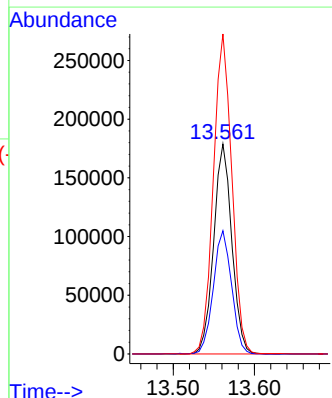
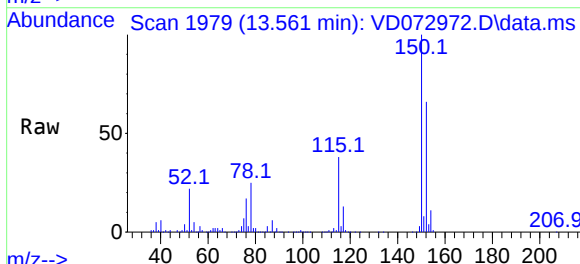
Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

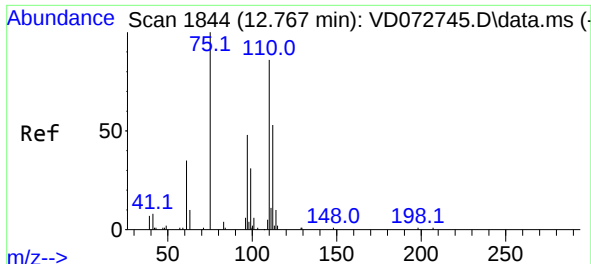
Tgt Ion:117 Resp: 606143
Ion Ratio Lower Upper
117 100
82 55.3 45.3 67.9
119 32.1 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion:152 Resp: 278108
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 154.7 0.0 348.6

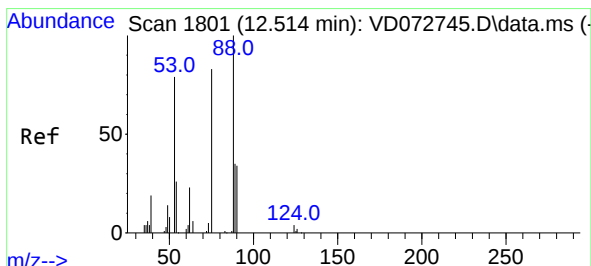
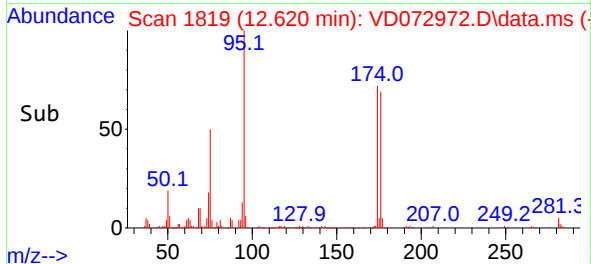
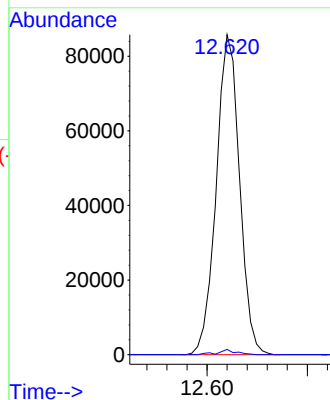
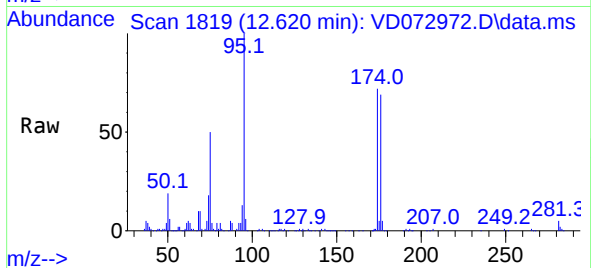




#76
1,2,3-Trichloropropane
Concen: 44.569 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Instrument :
MSVOA_D
ClientSampleId :
P010-SS003-0612-01

Tgt Ion: 75 Resp: 138213
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.491 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072972.D
Acq: 13 May 2022 03:53

Tgt Ion: 75 Resp: 138213
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

