

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073034.D
 Acq On : 16 May 2022 14:43
 Operator : VA/SY
 Sample : N2816-15
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS007-0006-01

Quant Time: May 17 03:28:17 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)

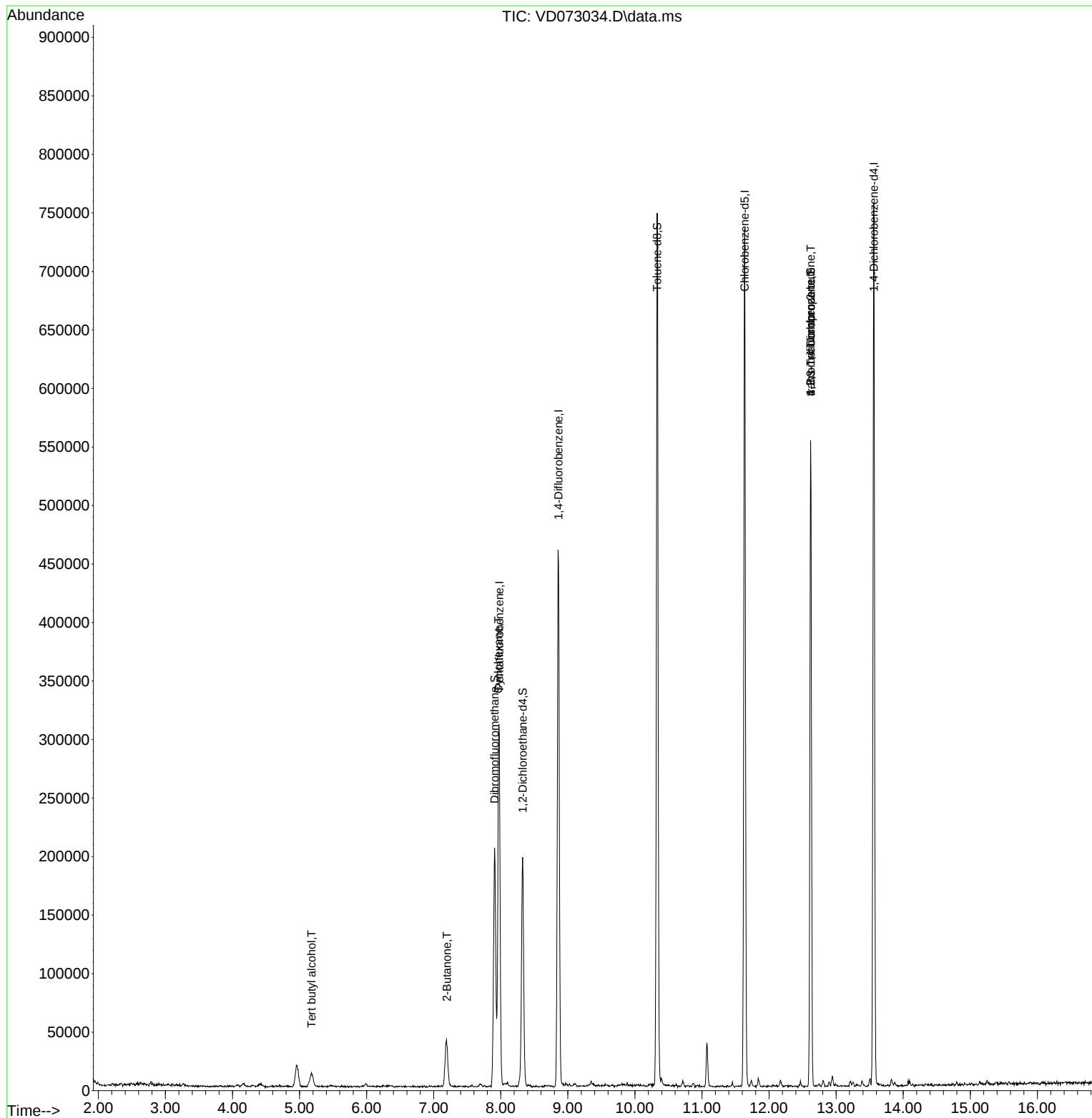
Internal Standards						
1) Pentafluorobenzene	7.979	168	231385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	396268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	424646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	196947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	152890	50.903	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.800%		
35) Dibromofluoromethane	7.908	113	144720	52.001	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.000%		
50) Toluene-d8	10.332	98	494909	49.575	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.160%		
62) 4-Bromofluorobenzene	12.620	95	185032	49.708	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 99.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	944	Below Cal	#	69
11) Tert butyl alcohol	5.179	59	10794	41.536	ug/l #	74
16) Acetone	4.161	43	4235	Below Cal	#	81
18) Methyl Acetate	4.667	43	58	Below Cal	#	55
20) Methylene Chloride	4.950	84	14449	Below Cal		86
25) 2-Butanone	7.197	43	2126	2.429	ug/l #	52
31) Cyclohexane	7.967	56	6168	1.175	ug/l #	28
76) 1,2,3-Trichloropropane	12.620	75	93809	42.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	93809	98.230	ug/l #	7

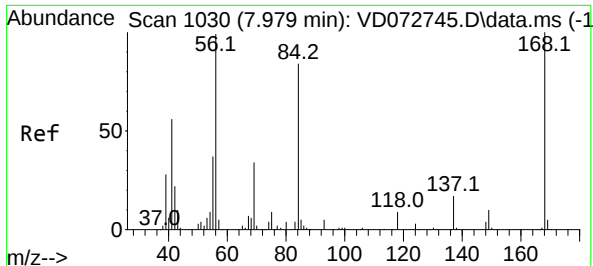
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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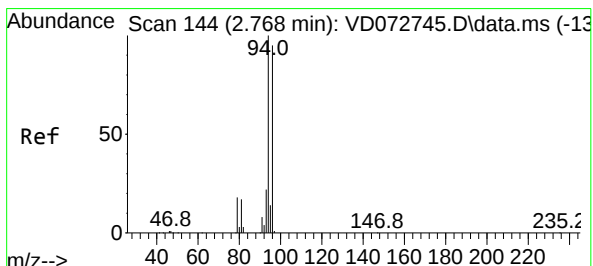
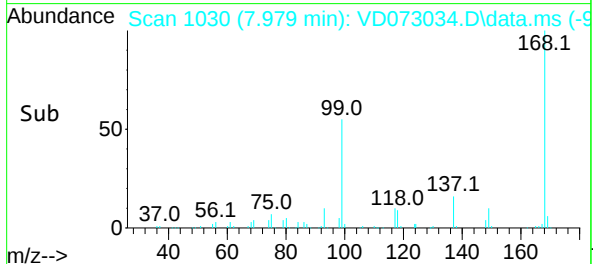
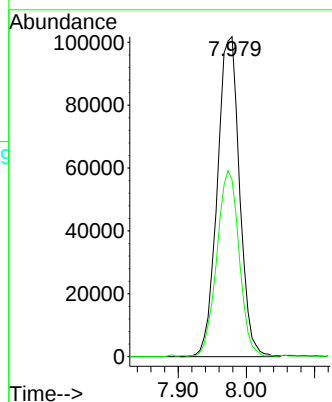
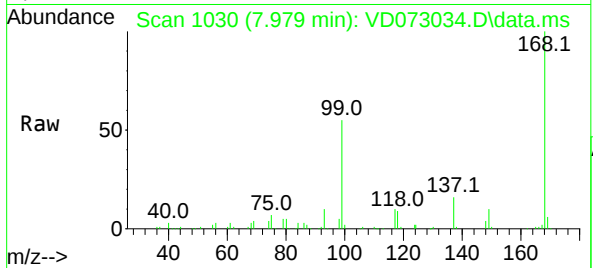




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

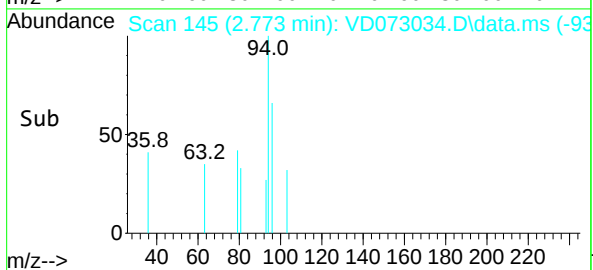
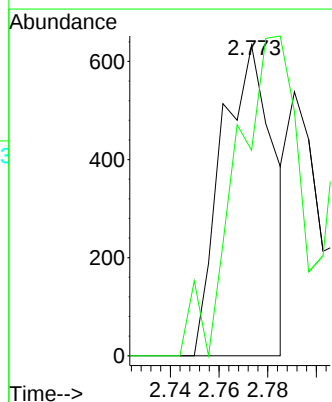
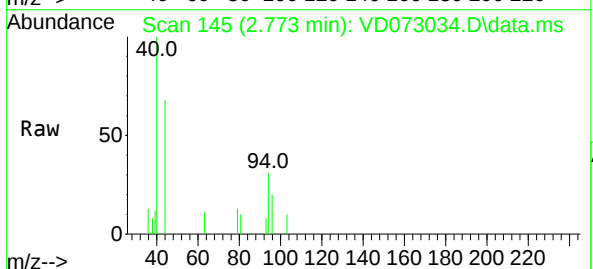
Instrument :
MSVOA_D
ClientSampleId :
P007-SS007-0006-01

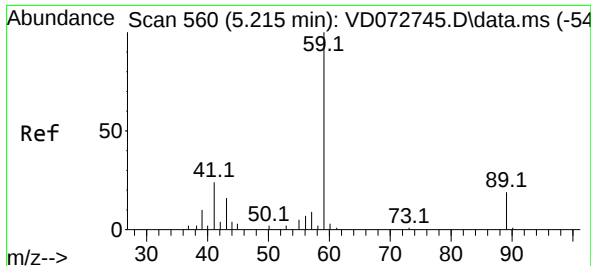
Tgt Ion:168 Resp: 231385
Ion Ratio Lower Upper
168 100
99 55.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 66.2 77.6 116.4#

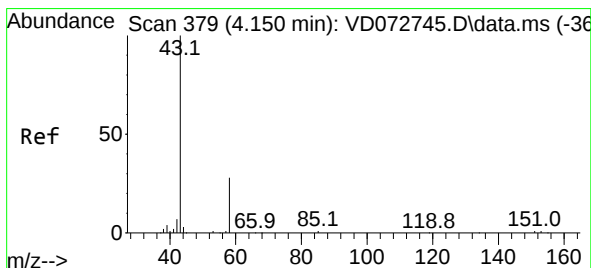
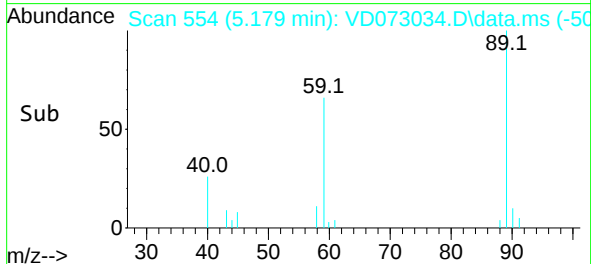
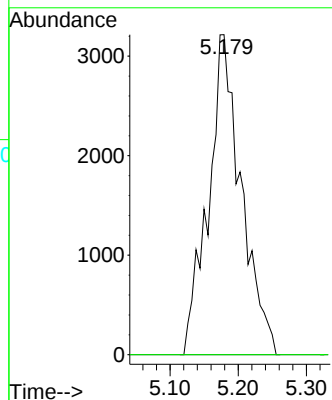
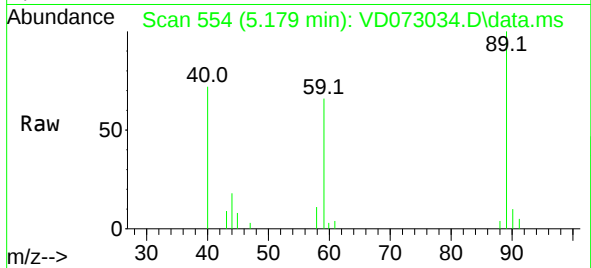




#11
Tert butyl alcohol
Concen: 41.536 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

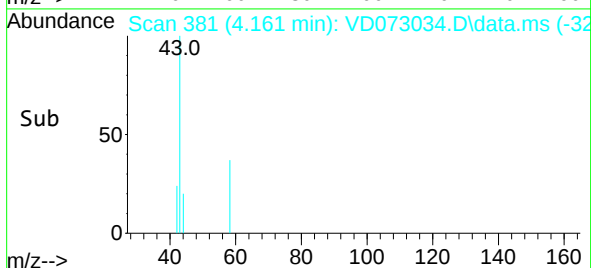
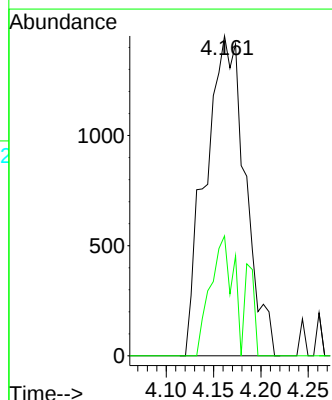
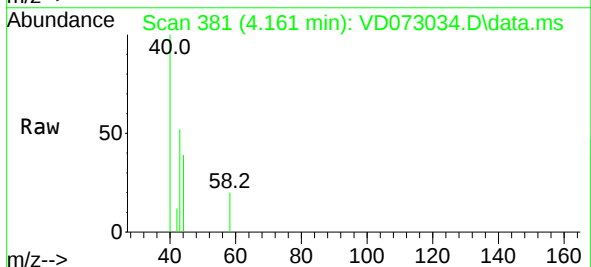
Instrument :
MSVOA_D
ClientSampleId :
P007-SS007-0006-01

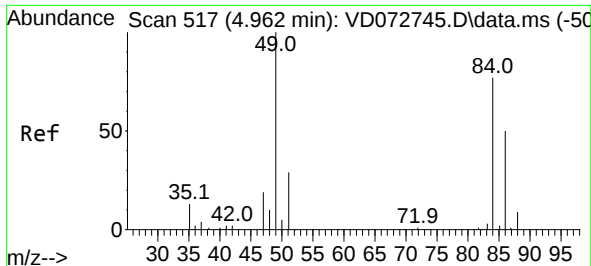
Tgt Ion: 59 Resp: 10794
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 43 Resp: 4235
Ion Ratio Lower Upper
43 100
58 37.5 22.1 33.1#



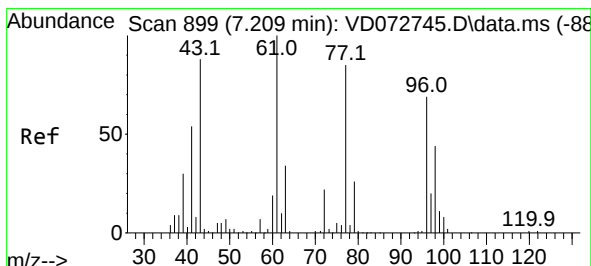
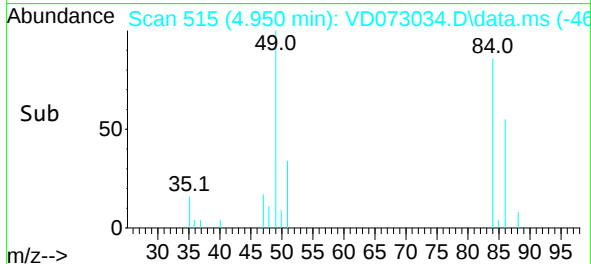
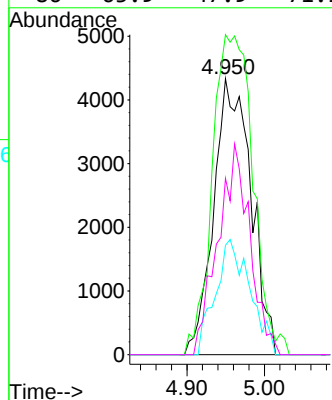
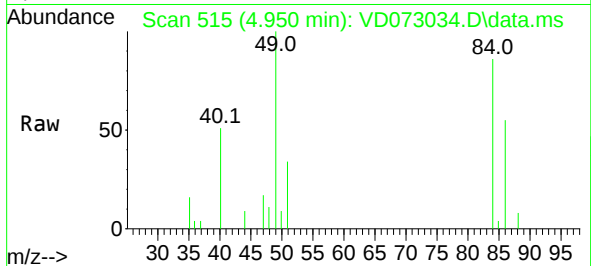


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Instrument :
MSVOA_D
ClientSampleId :
P007-SS007-0006-01

Tgt Ion: 84 Resp: 14449

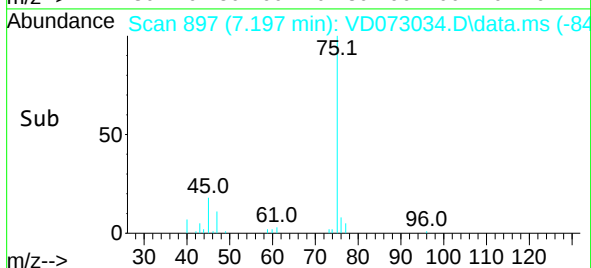
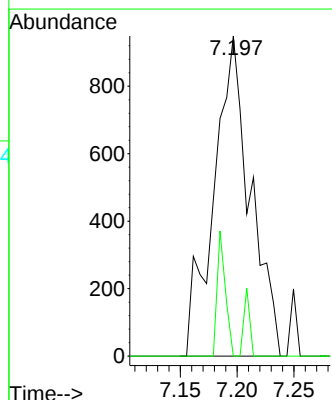
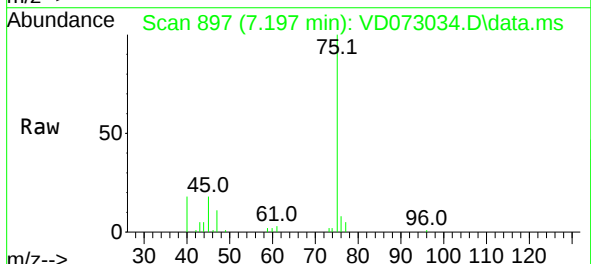
Ion	Ratio	Lower	Upper
84	100		
49	116.0	112.8	169.2
51	39.6	32.6	48.8
86	63.9	47.9	71.9

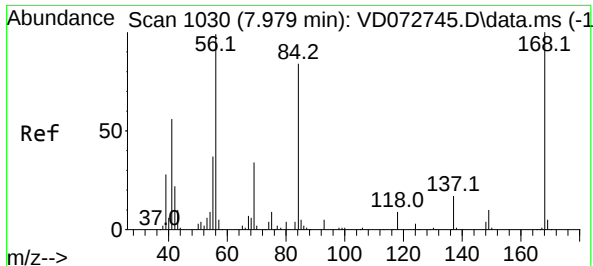


#25
2-Butanone
Concen: 2.429 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.012 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 43 Resp: 2126

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8





#31

Cyclohexane

Concen: 1.175 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073034.D

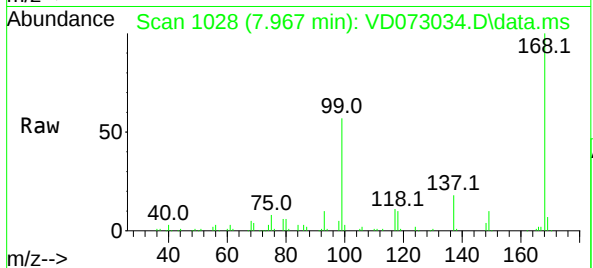
Acq: 16 May 2022 14:43

Instrument :

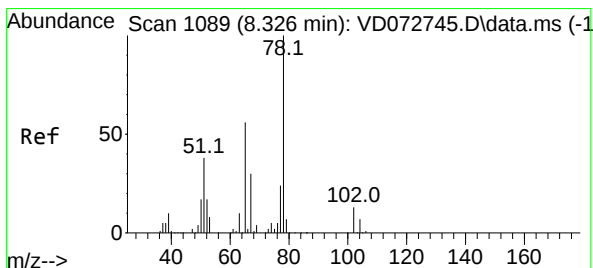
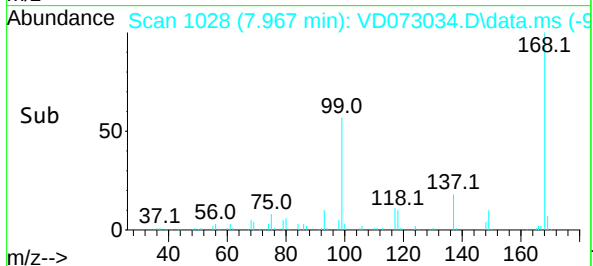
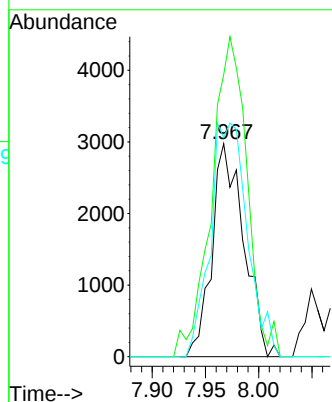
MSVOA_D

ClientSampleId :

P007-SS007-0006-01



Tgt Ion:	56	Resp:	6168
Ion	Ratio	Lower	Upper
56	100		
69	132.5	25.4	38.2#
84	102.9	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 50.903 ug/l

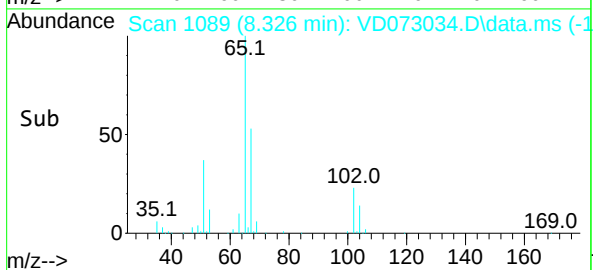
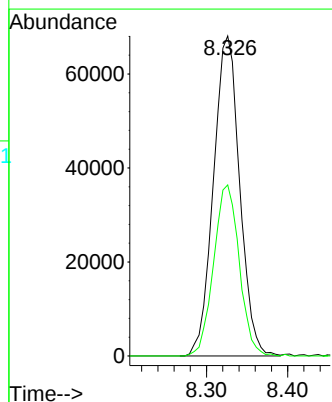
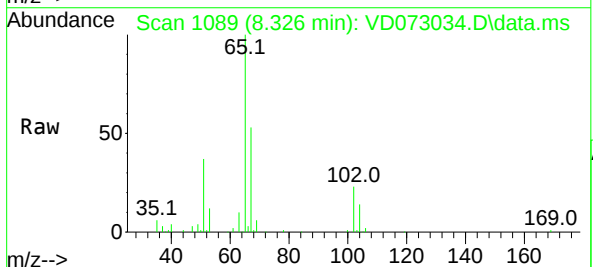
RT: 8.326 min Scan# 1089

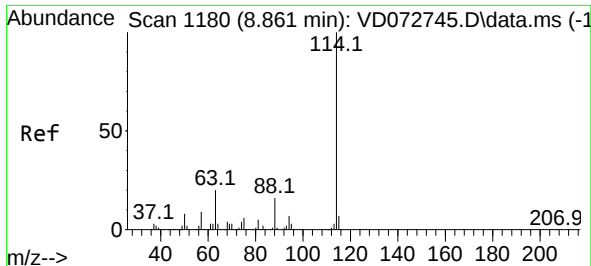
Delta R.T. -0.000 min

Lab File: VD073034.D

Acq: 16 May 2022 14:43

Tgt Ion:	65	Resp:	152890
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.4

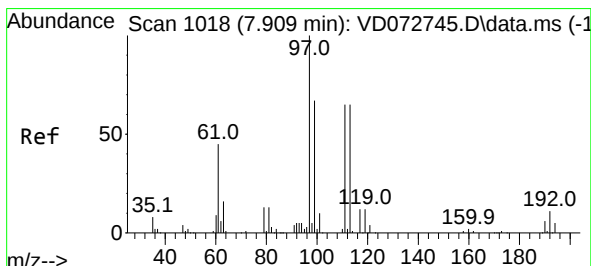
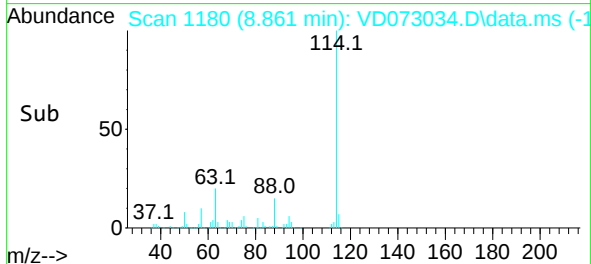
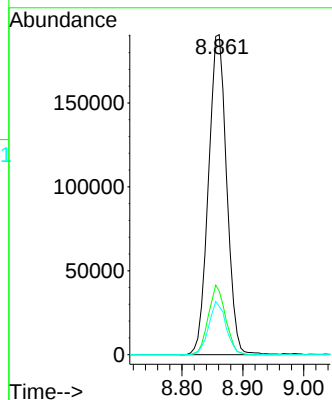
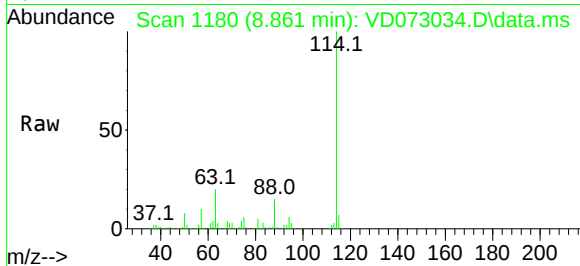




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

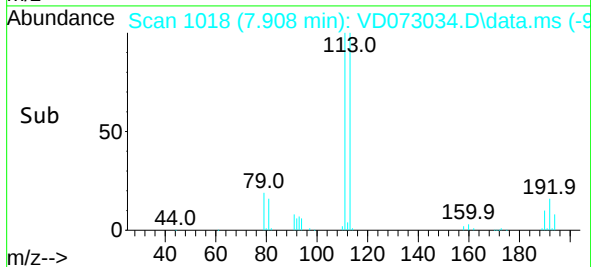
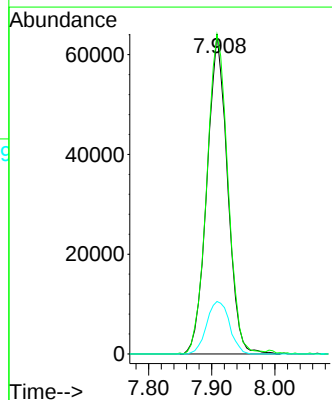
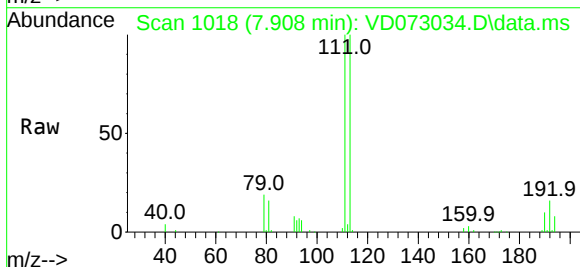
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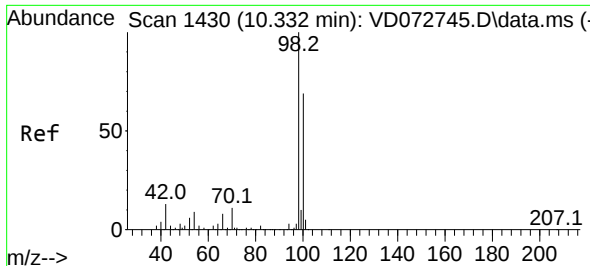
Tgt Ion:	114	Resp:	396268
Ion Ratio	Lower	Upper	
114	100		
63	19.8	0.0	46.6
88	15.1	0.0	33.2



#35
Dibromofluoromethane
Concen: 52.001 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion:	113	Resp:	144720
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.8	125.6
192	18.2	14.6	21.8

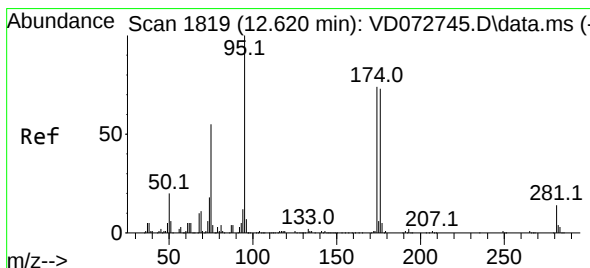
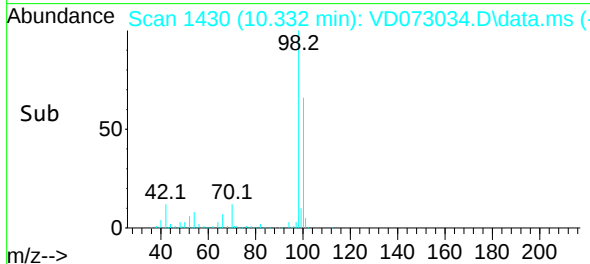
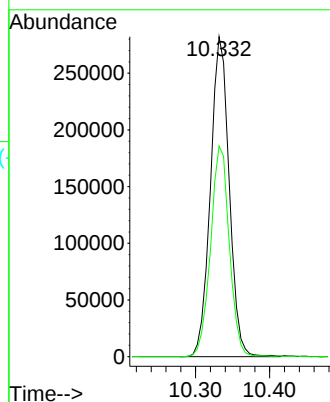
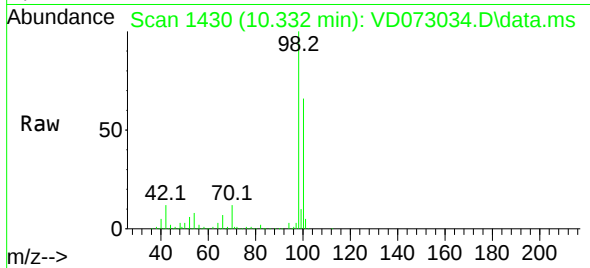




#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

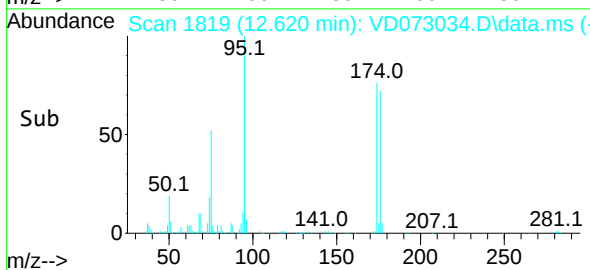
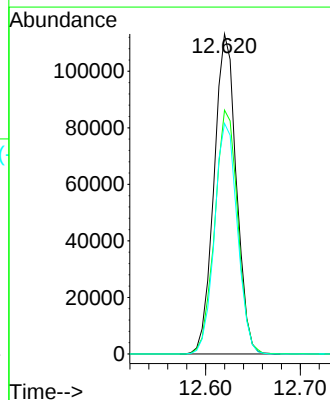
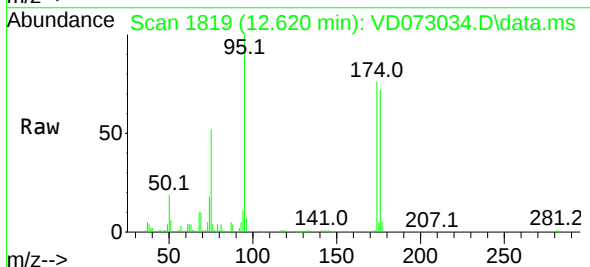
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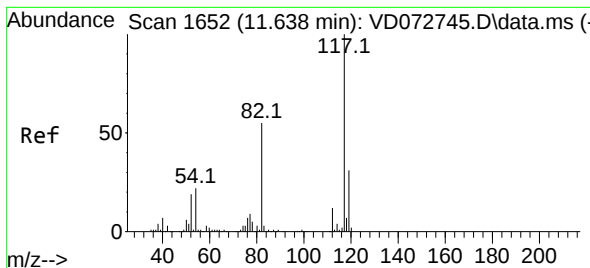
Tgt Ion: 98 Resp: 494909
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 95 Resp: 185032
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.5 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: VD073034.D

Acq: 16 May 2022 14:43

Instrument :

MSVOA_D

ClientSampleId :

P007-SS007-0006-01

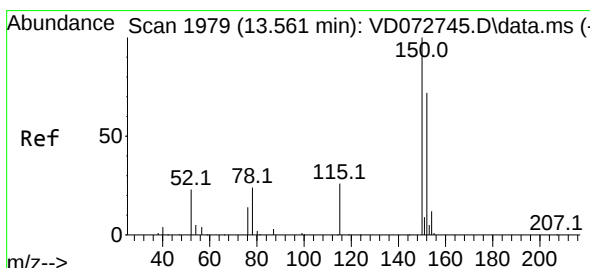
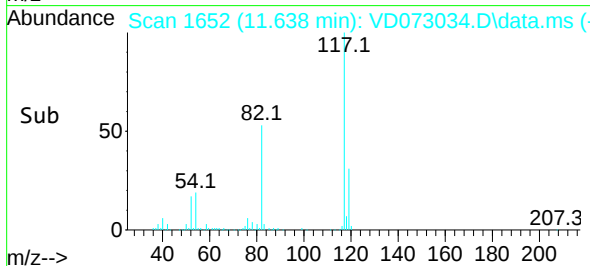
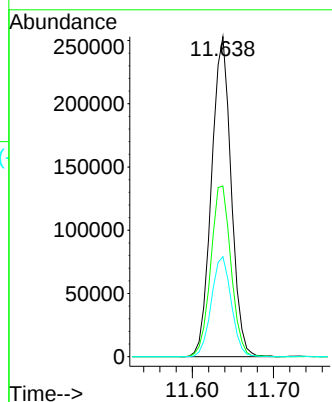
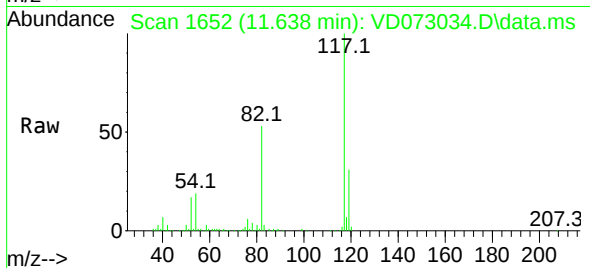
Tgt Ion:117 Resp: 424646

Ion Ratio Lower Upper

117 100

82 53.4 45.3 67.9

119 31.2 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: VD073034.D

Acq: 16 May 2022 14:43

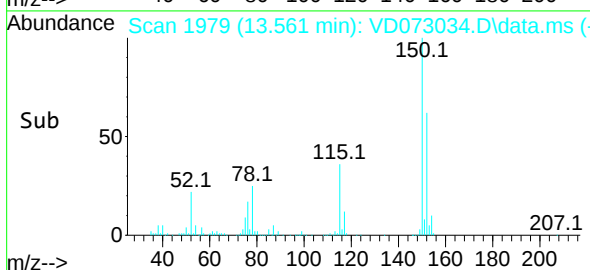
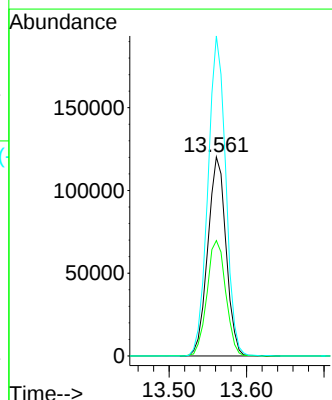
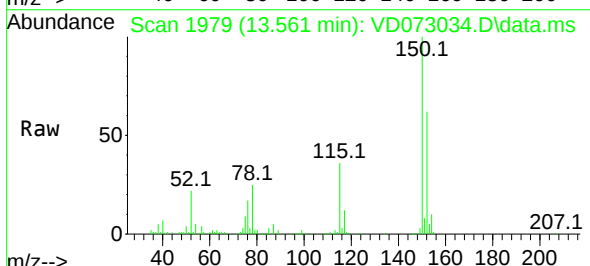
Tgt Ion:152 Resp: 196947

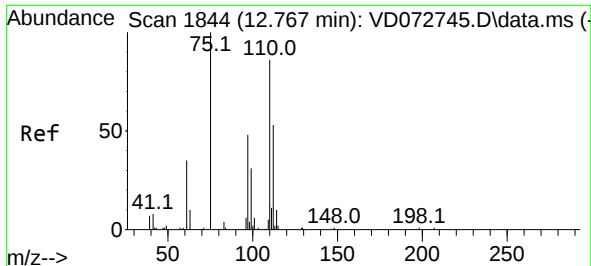
Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 156.6 0.0 348.6

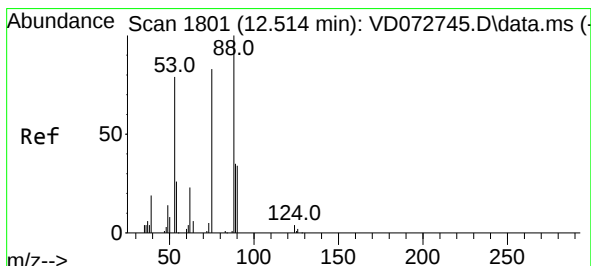
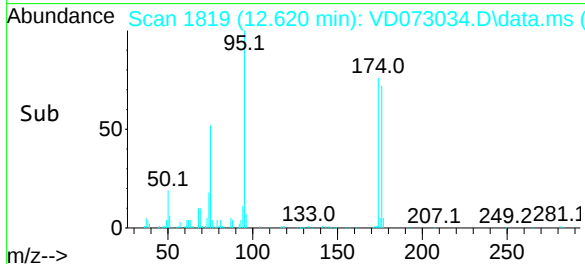
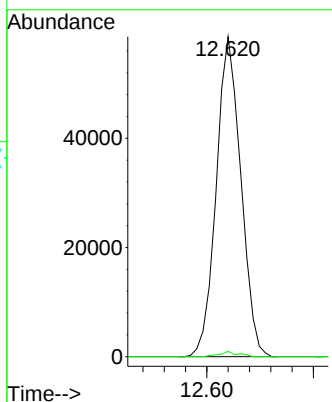
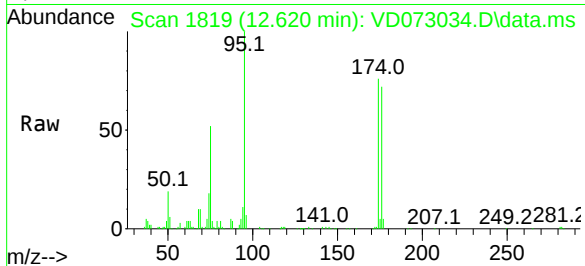




#76
1,2,3-Trichloropropane
Concen: 42.716 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Instrument :
MSVOA_D
ClientSampleId :
P007-SS007-0006-01

Tgt Ion: 75 Resp: 93809
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 98.230 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073034.D
Acq: 16 May 2022 14:43

Tgt Ion: 75 Resp: 93809
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

