

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073036.D
 Acq On : 16 May 2022 15:41
 Operator : VA/SY
 Sample : N2816-17
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS009-0006-01

Quant Time: May 17 03:28:43 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

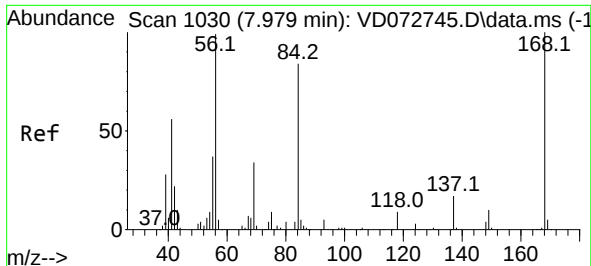
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	326462	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	558378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	238200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172234	40.643	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.280%
35) Dibromofluoromethane	7.909	113	192613	47.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.332	98	712139	49.218	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.440%
62) 4-Bromofluorobenzene	12.620	95	247354	45.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.700%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	993	Below Cal	#	40
11) Tert butyl alcohol	5.173	59	9155	24.969	ug/l #	75
16) Acetone	4.162	43	2184	Below Cal	#	47
18) Methyl Acetate	4.938	43	54	Below Cal	#	55
20) Methylene Chloride	4.956	84	21715	Below Cal	#	84
25) 2-Butanone	7.191	43	1641	1.329	ug/l #	52
31) Cyclohexane	7.979	56	8909	1.203	ug/l #	39
38) Carbon Tetrachloride	7.967	117	35086	5.153	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	127094	47.850	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127094	110.036	ug/l #	7

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

Quant Time: May 17 03:28:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
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QLast Update : Tue May 03 08:33:49 2022
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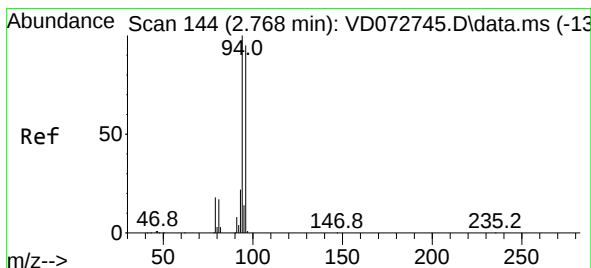
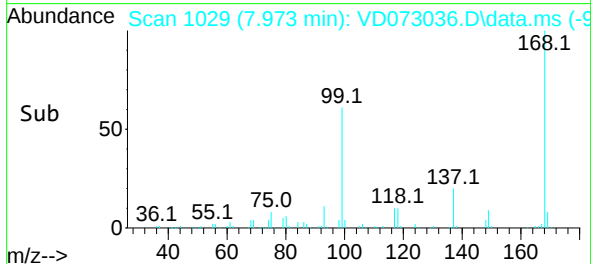
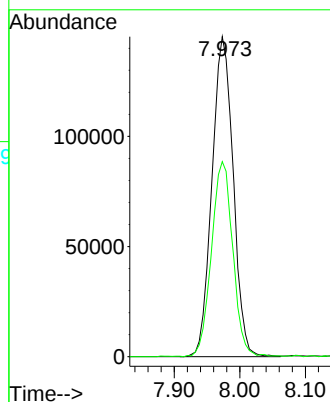
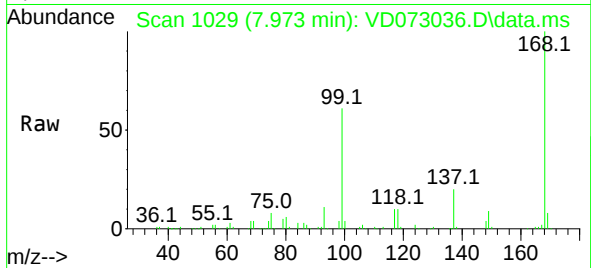




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

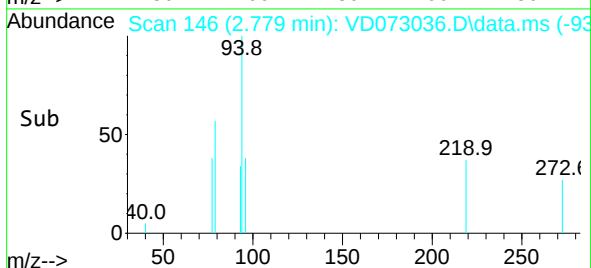
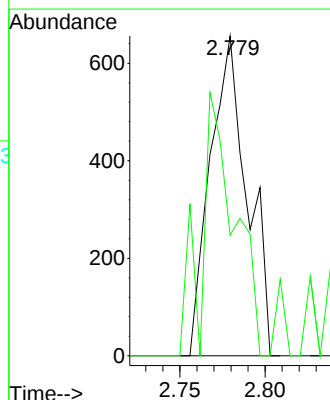
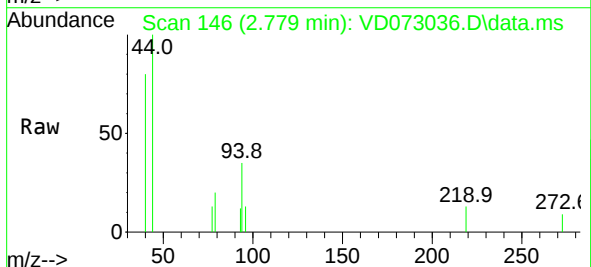
Instrument :
MSVOA_D
ClientSampleId :
P007-SS009-0006-01

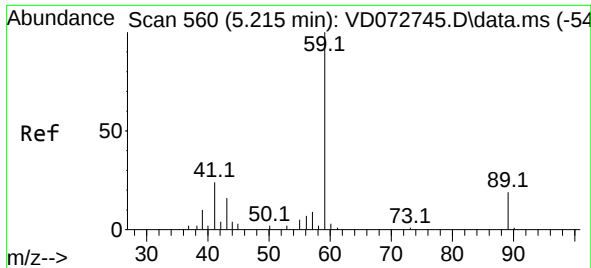
Tgt Ion:168 Resp: 326462
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion: 94 Resp: 993
Ion Ratio Lower Upper
94 100
96 37.7 77.6 116.4#





#11

Tert butyl alcohol

Concen: 24.969 ug/l

RT: 5.173 min Scan# 51

Delta R.T. -0.042 min

Lab File: VD073036.D

Acq: 16 May 2022 15:41

Instrument :

MSVOA_D

ClientSampleId :

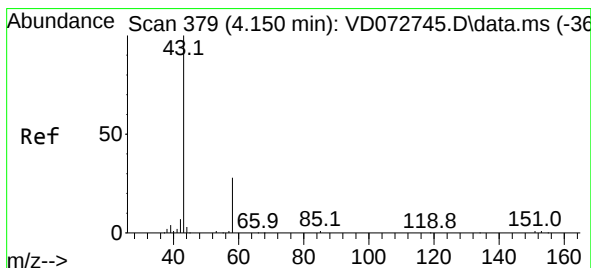
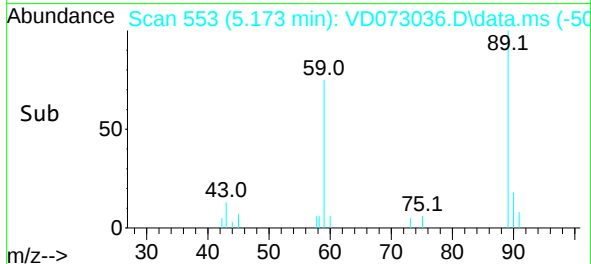
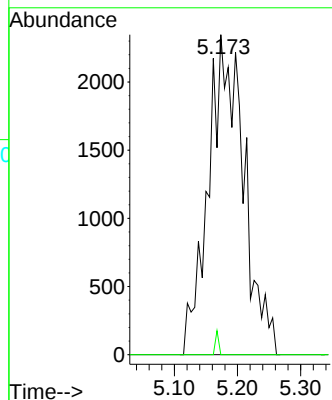
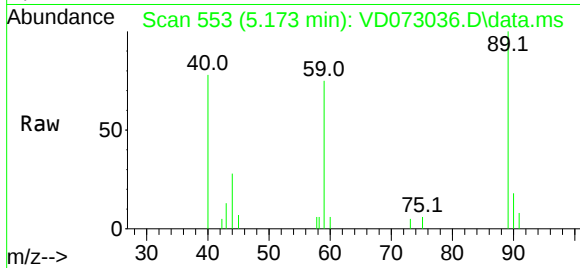
P007-SS009-0006-01

Tgt Ion: 59 Resp: 9155

Ion Ratio Lower Upper

59 100

57 0.7 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.162 min Scan# 381

Delta R.T. 0.012 min

Lab File: VD073036.D

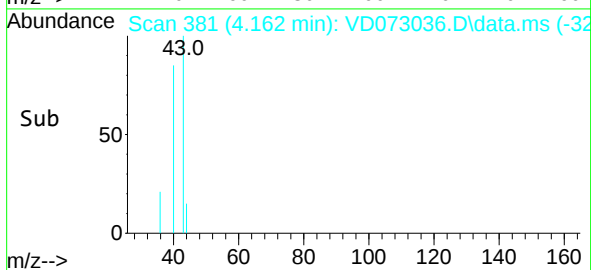
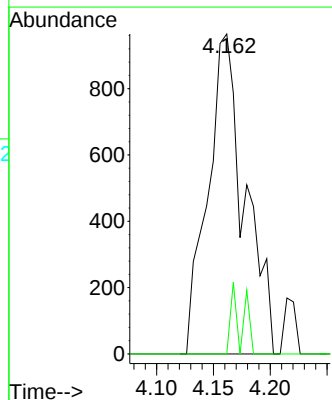
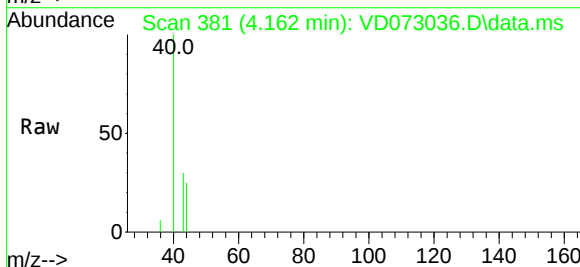
Acq: 16 May 2022 15:41

Tgt Ion: 43 Resp: 2184

Ion Ratio Lower Upper

43 100

58 0.0 22.1 33.1#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 517

Delta R.T. -0.006 min

Lab File: VD073036.D

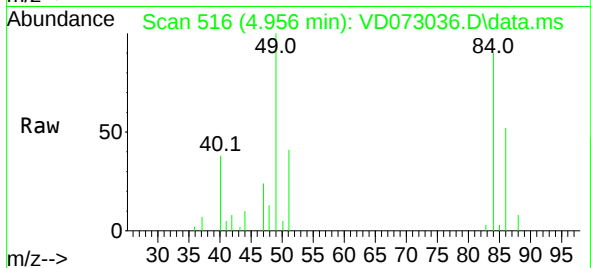
Acq: 16 May 2022 15:41

Instrument :

MSVOA_D

ClientSampleId :

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Tgt Ion: 84 Resp: 21715

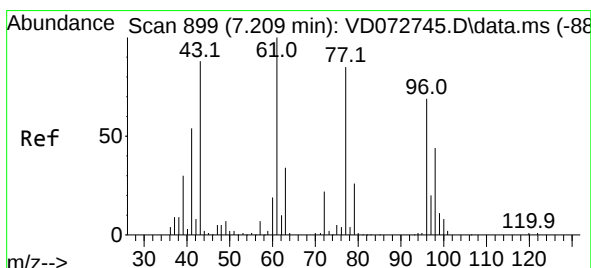
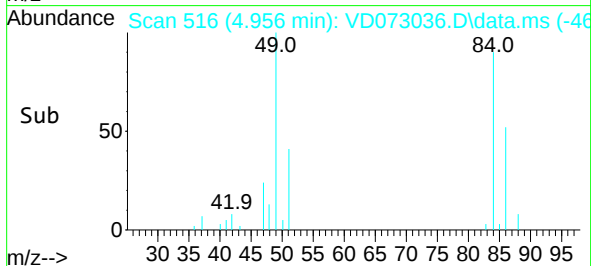
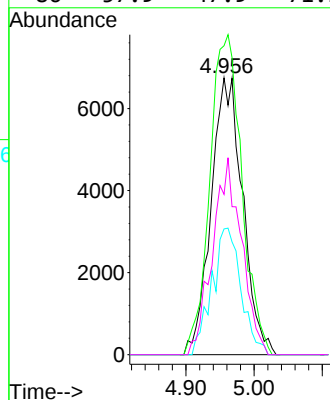
Ion Ratio Lower Upper

84 100

49 111.6 112.8 169.2#

51 45.4 32.6 48.8

86 57.9 47.9 71.9



#25

2-Butanone

Concen: 1.329 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.018 min

Lab File: VD073036.D

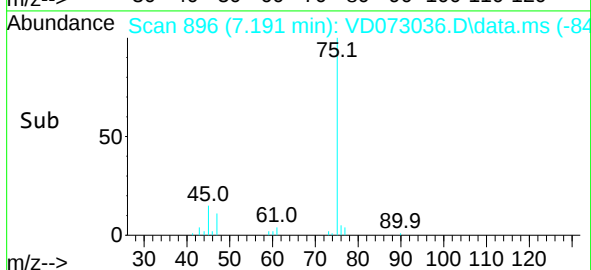
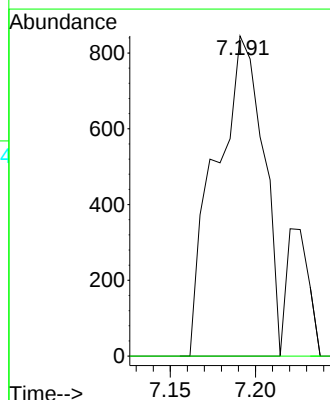
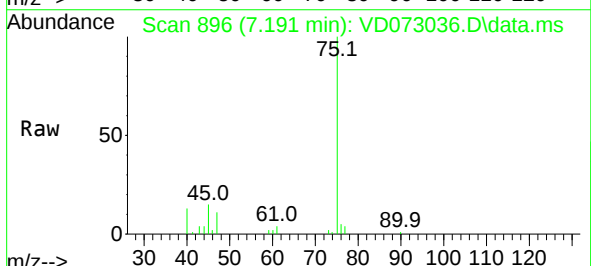
Acq: 16 May 2022 15:41

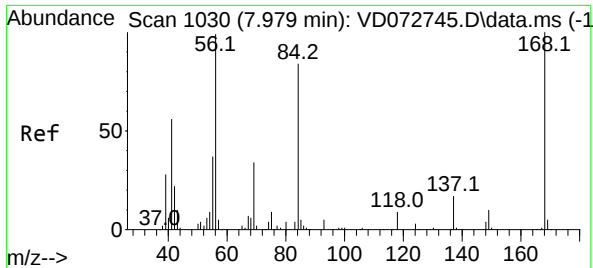
Tgt Ion: 43 Resp: 1641

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#





#31

Cyclohexane

Concen: 1.203 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073036.D

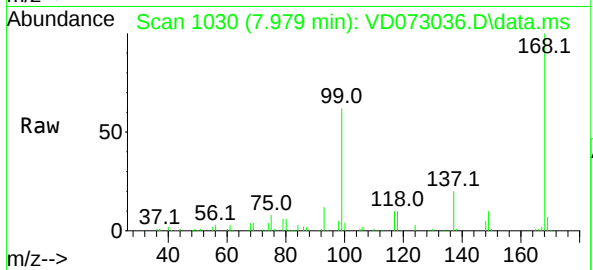
Acq: 16 May 2022 15:41

Instrument :

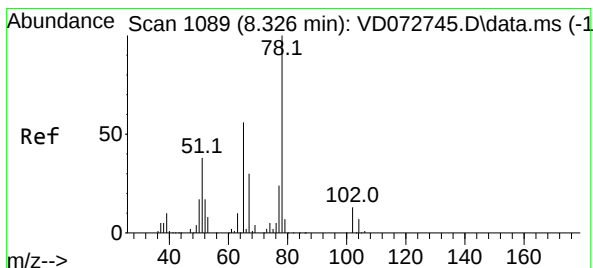
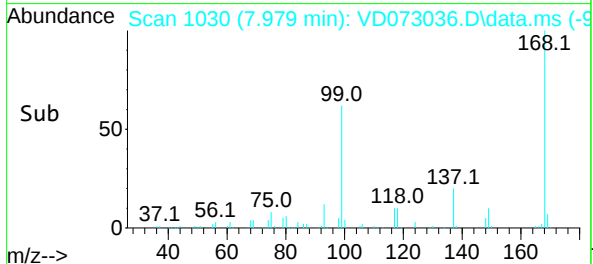
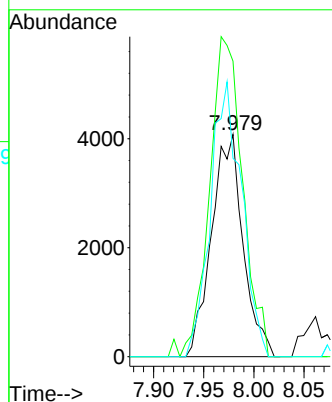
MSVOA_D

ClientSampleId :

P007-SS009-0006-01



Tgt Ion:	56	Resp:	8909
Ion	Ratio	Lower	Upper
56	100		
69	133.0	25.4	38.2#
84	89.3	63.0	94.4



#33

1,2-Dichloroethane-d4

Concen: 40.643 ug/l

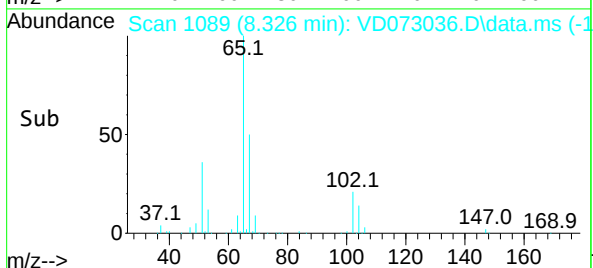
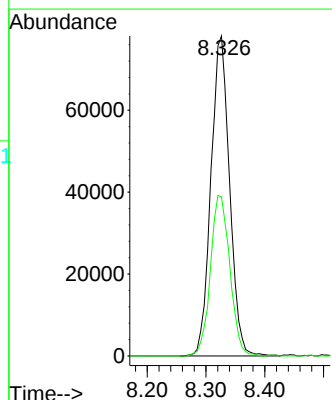
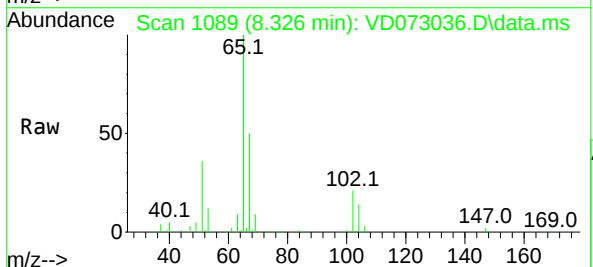
RT: 8.326 min Scan# 1089

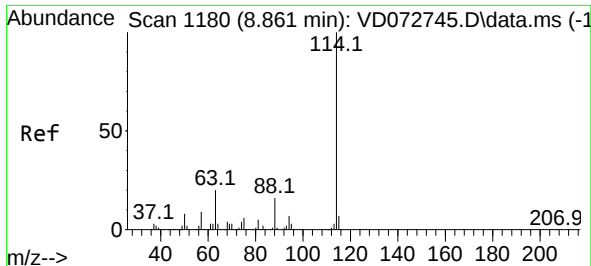
Delta R.T. 0.000 min

Lab File: VD073036.D

Acq: 16 May 2022 15:41

Tgt Ion:	65	Resp:	172234
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.4

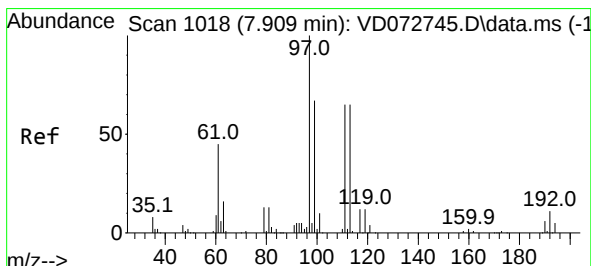
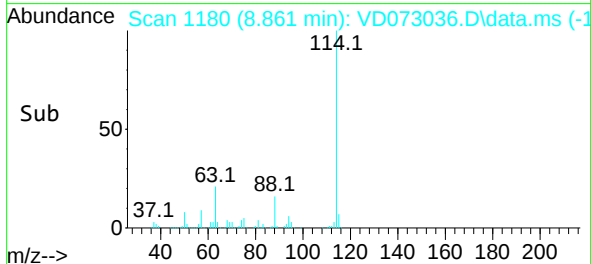
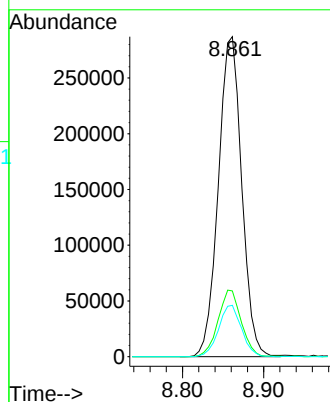
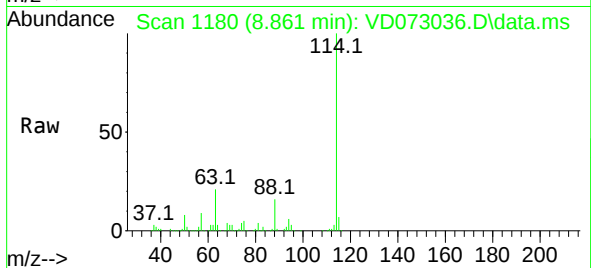




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

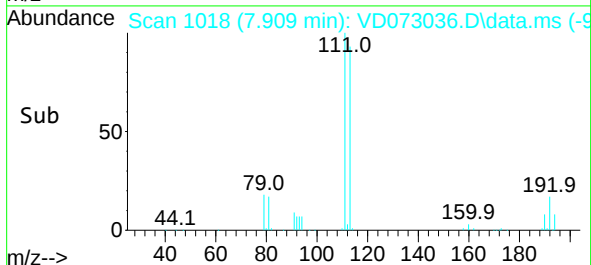
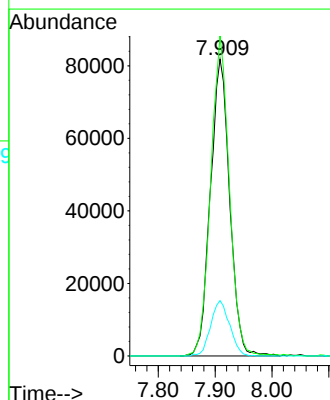
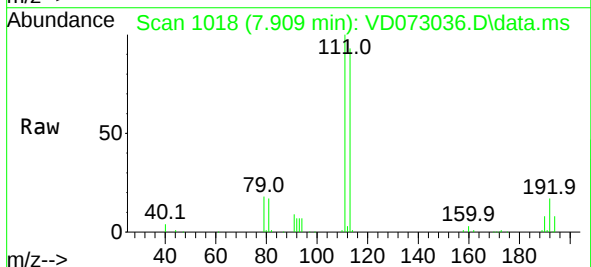
Instrument :
MSVOA_D
ClientSampleId :
P007-SS009-0006-01

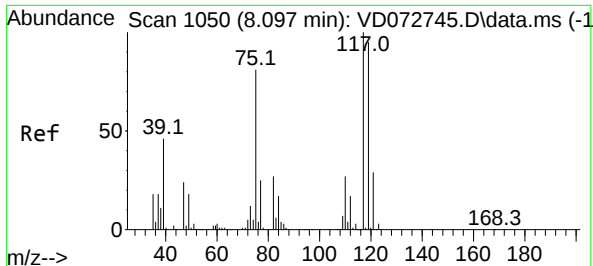
Tgt Ion:114 Resp: 574337
Ion Ratio Lower Upper
114 100
63 20.6 0.0 46.6
88 16.1 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.752 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion:113 Resp: 192613
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.4 14.6 21.8

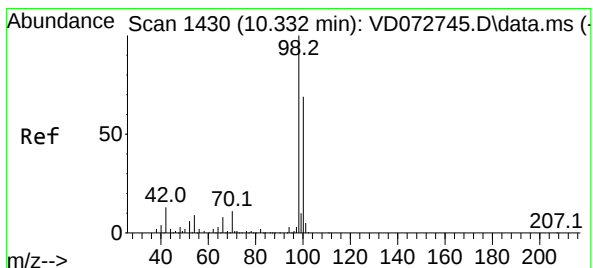
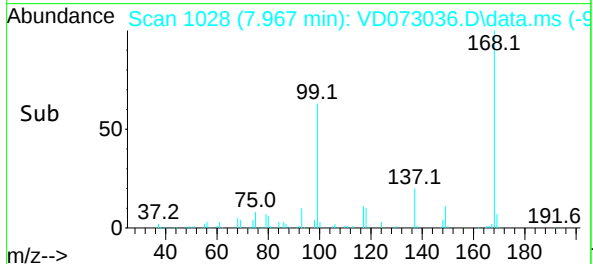
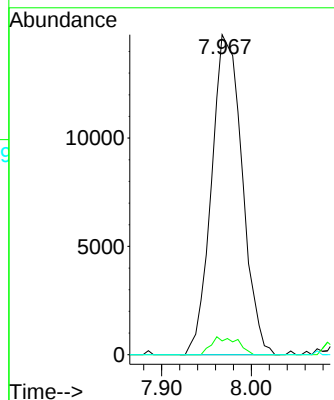
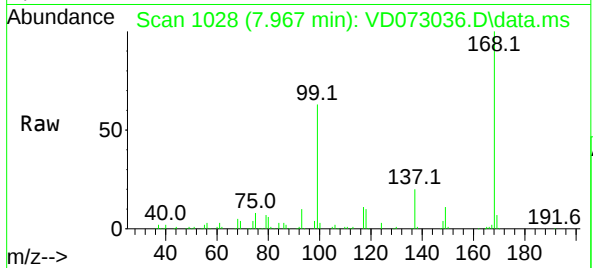




#38
Carbon Tetrachloride
Concen: 5.153 ug/l
RT: 7.967 min Scan# 1050
Delta R.T. -0.130 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

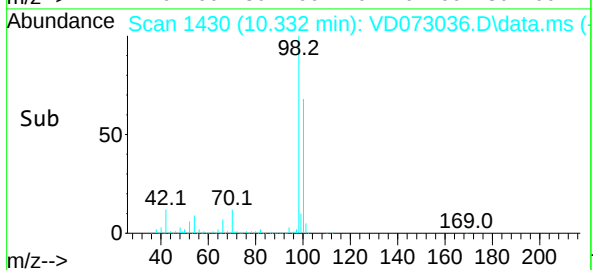
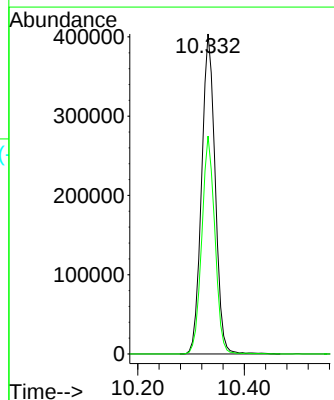
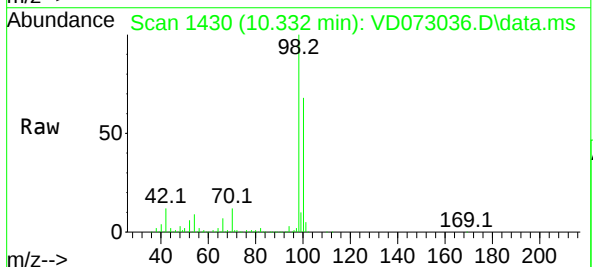
Instrument :
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P007-SS009-0006-01

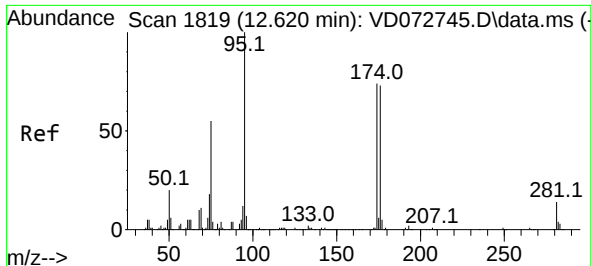
Tgt Ion:117 Resp: 35086
Ion Ratio Lower Upper
117 100
119 4.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.218 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion: 98 Resp: 712139
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

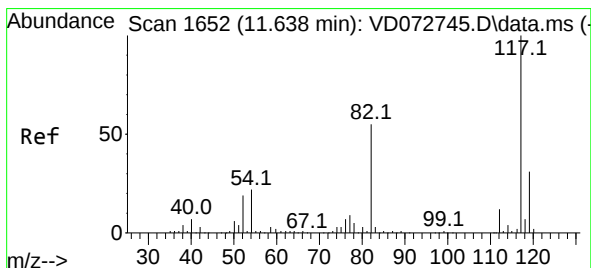
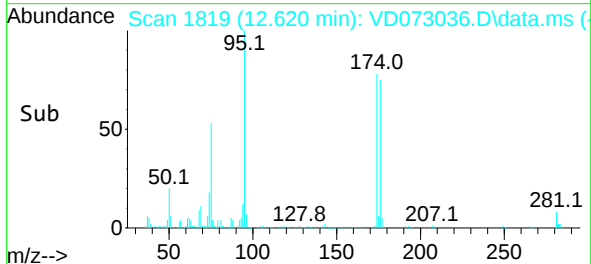
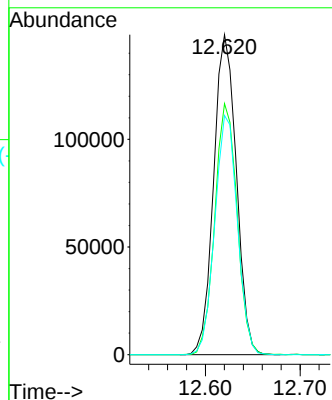
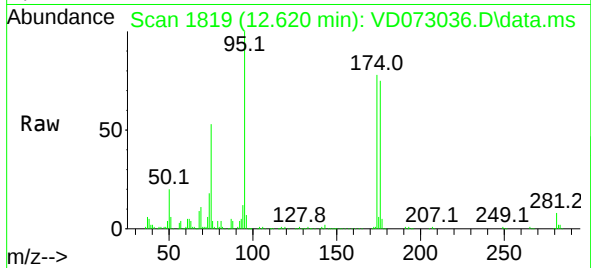




#62
4-Bromofluorobenzene
Concen: 45.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

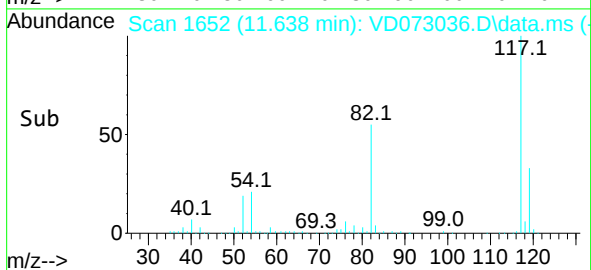
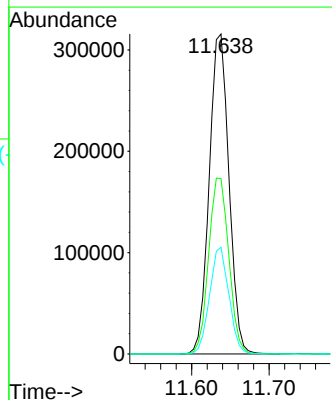
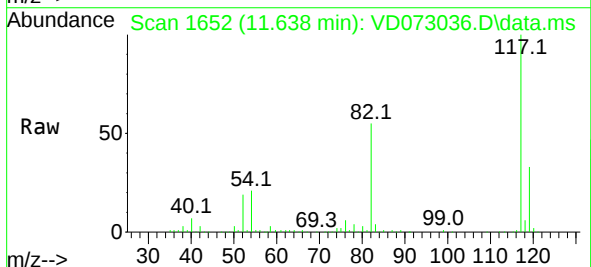
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P007-SS009-0006-01

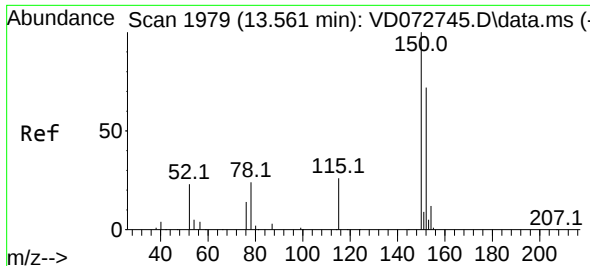
Tgt Ion: 95 Resp: 247354
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.8
176 74.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073036.D
Acq: 16 May 2022 15:41

Tgt Ion: 117 Resp: 558378
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 33.3 26.6 40.0

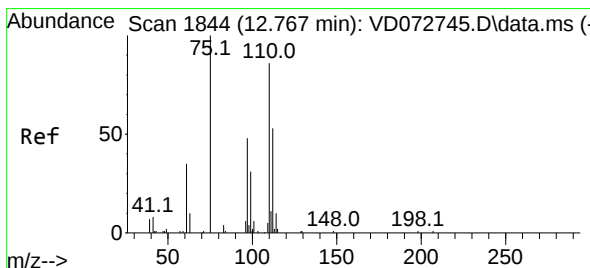
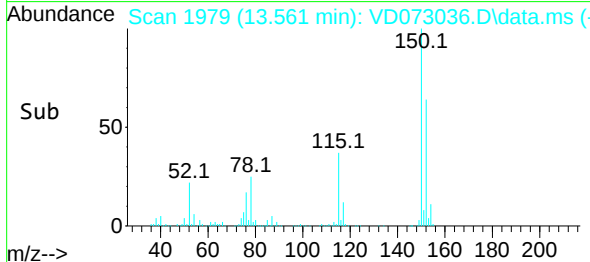
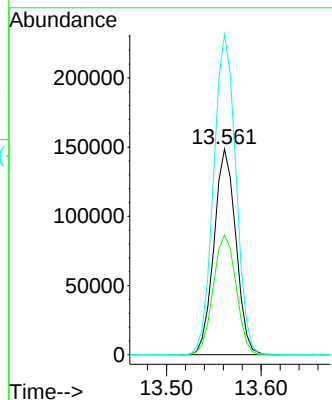
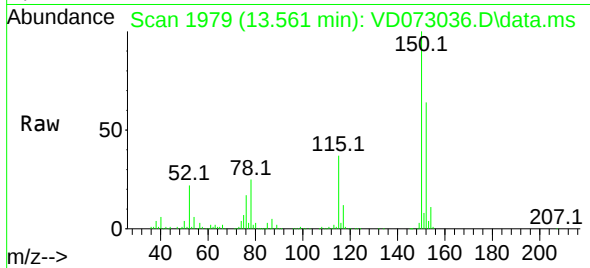




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073036.D
 Acq: 16 May 2022 15:41

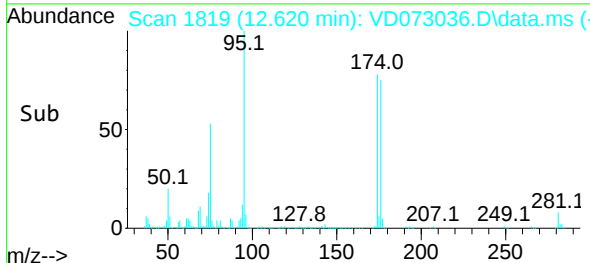
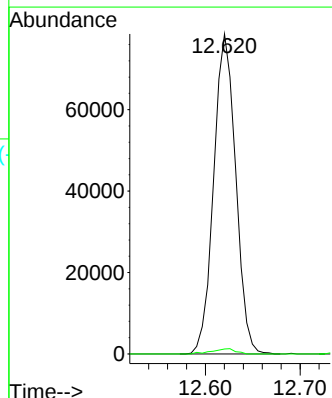
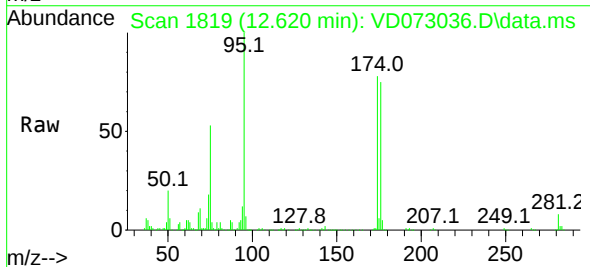
Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS009-0006-01

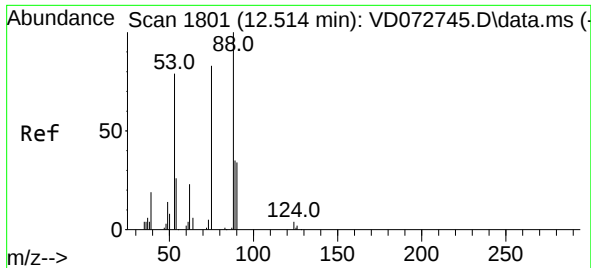
Tgt Ion:152 Resp: 238200
 Ion Ratio Lower Upper
 152 100
 115 61.1 31.3 93.8
 150 159.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 47.850 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073036.D
 Acq: 16 May 2022 15:41

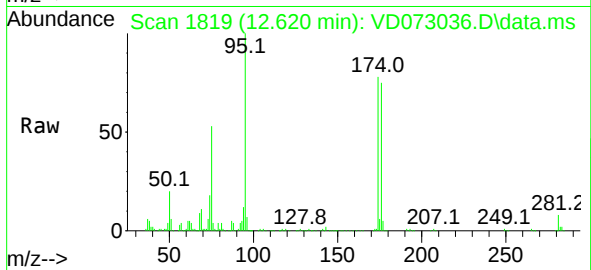
Tgt Ion: 75 Resp: 127094
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.036 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073036.D
 Acq: 16 May 2022 15:41

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS009-0006-01



Tgt Ion: 75 Resp: 127094
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.2 33.9 50.9#

