

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072294.D
 Acq On : 18 Mar 2022 17:13
 Operator : VA/SY
 Sample : N1994-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0RE

Quant Time: Mar 19 05:26:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

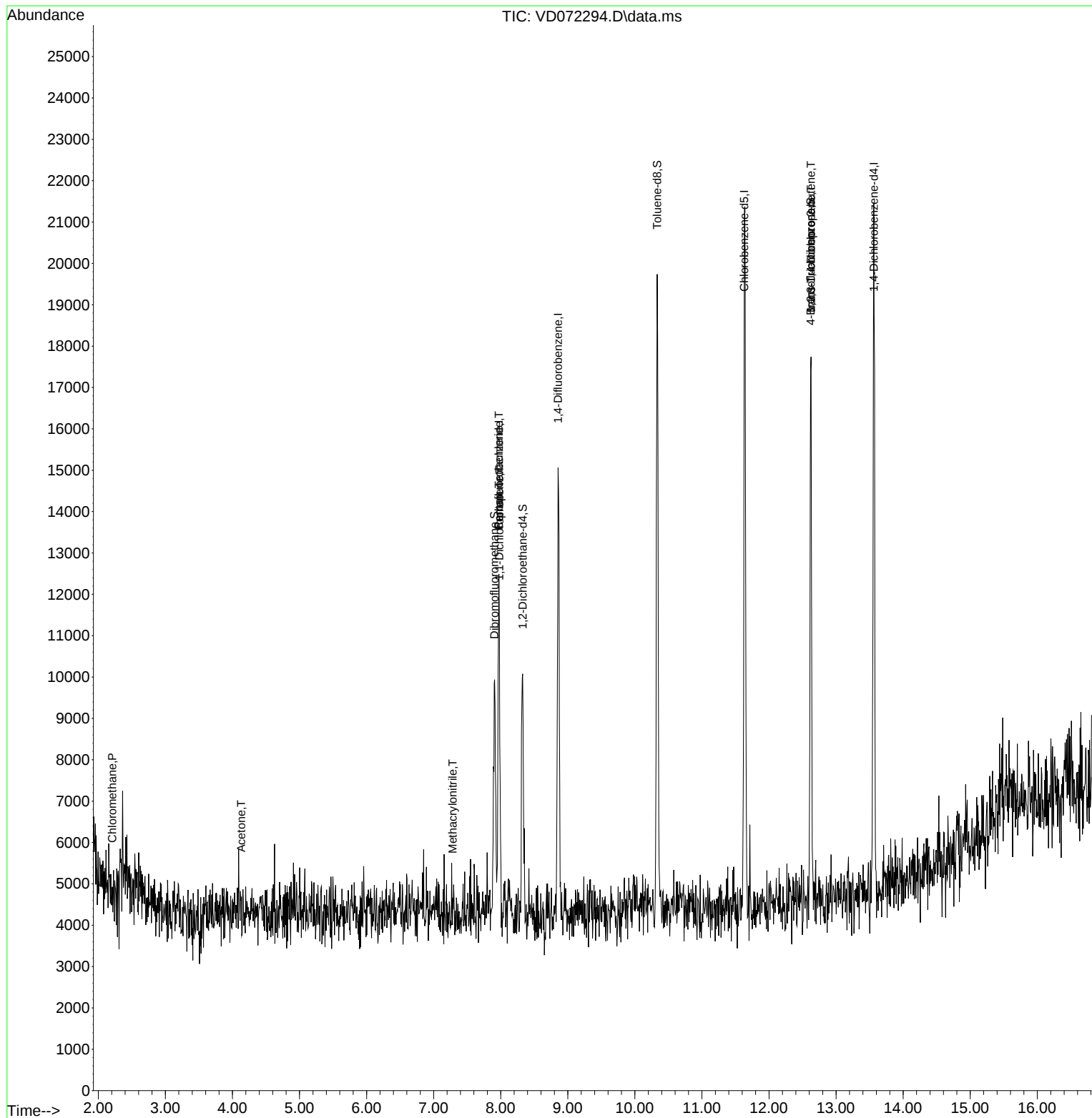
Internal Standards						
1) Pentafluorobenzene	7.973	168	5754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	9208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	10785	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	4817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	4650	72.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 145.020%	
35) Dibromofluoromethane	7.903	113	3882	59.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.820%	
50) Toluene-d8	10.332	98	11274	47.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.160%	
62) 4-Bromofluorobenzene	12.620	95	4700	51.053	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	64	1.353	ug/l #	40
16) Acetone	4.132	43	67	4.812	ug/l #	47
36) 1,1-Dichloropropene	7.979	75	468	5.148	ug/l #	43
38) Carbon Tetrachloride	7.973	117	468	4.529	ug/l #	13
41) Methacrylonitrile	7.285	41	71	3.059	ug/l #	27
76) 1,2,3-Trichloropropane	12.626	75	2607	49.063	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	2607	121.730	ug/l #	7

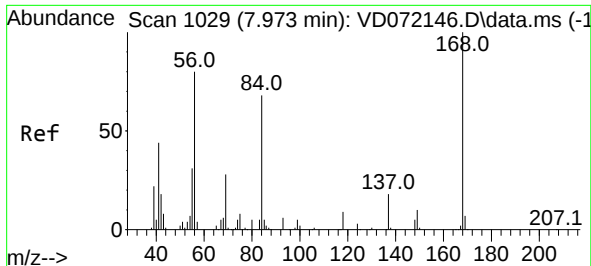
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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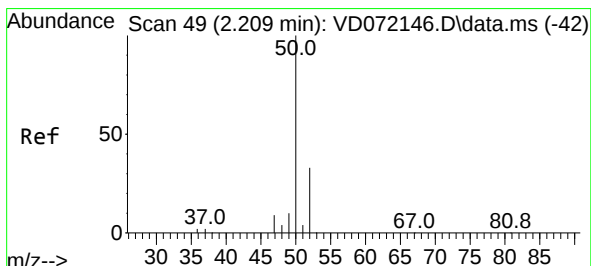
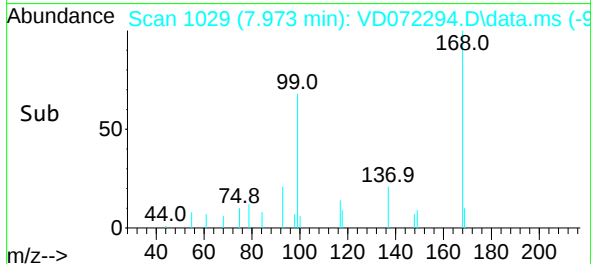
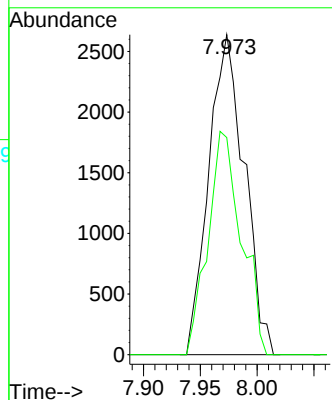
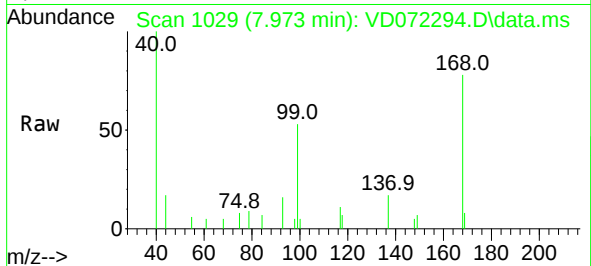




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

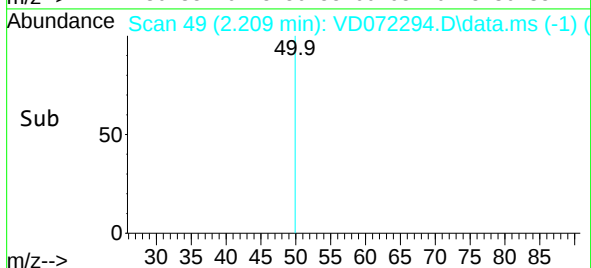
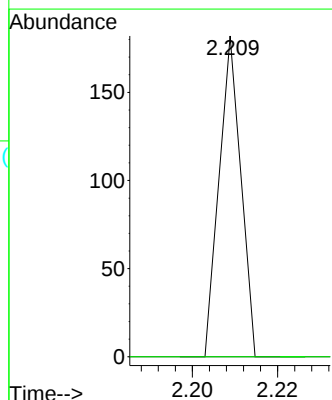
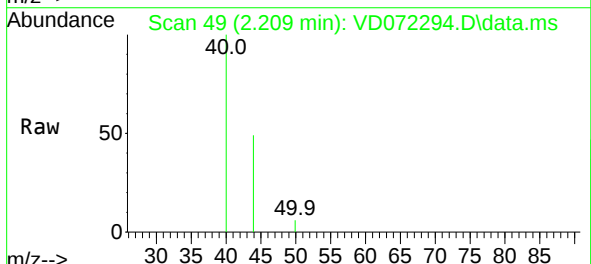
Instrument :
MSVOA_D
ClientSampleId :
SB-03-4.5-5.0RE

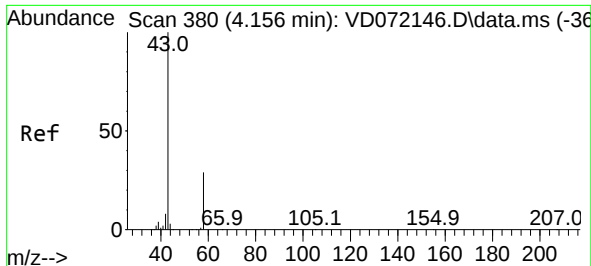
Tgt Ion:168 Resp: 5754
Ion Ratio Lower Upper
168 100
99 67.9 49.8 74.6



#3
Chloromethane
Concen: 1.353 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Tgt Ion: 50 Resp: 64
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

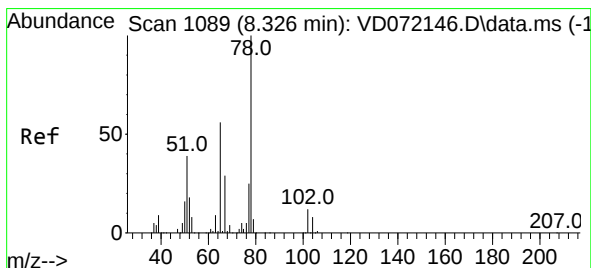
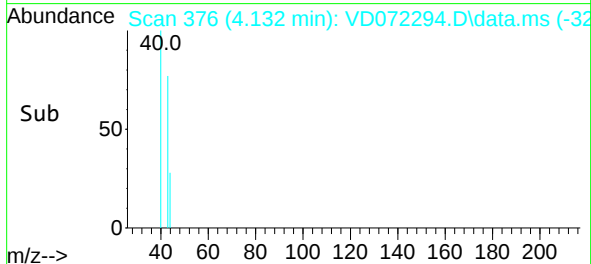
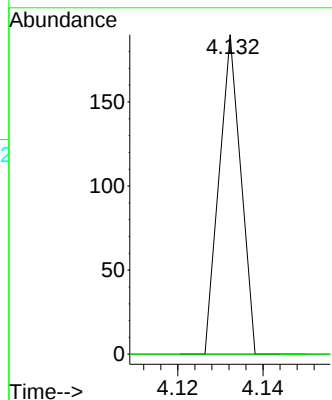
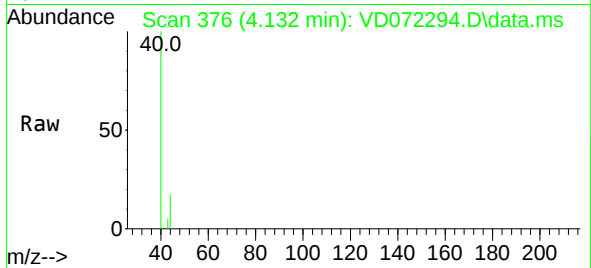




#16
Acetone
Concen: 4.812 ug/l
RT: 4.132 min Scan# 31
Delta R.T. -0.023 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

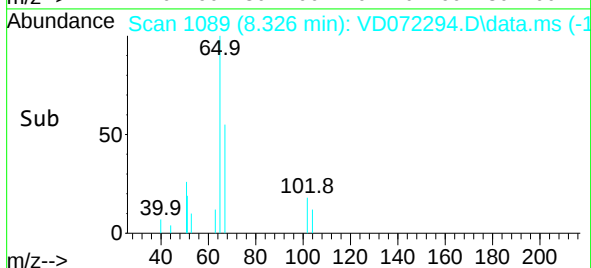
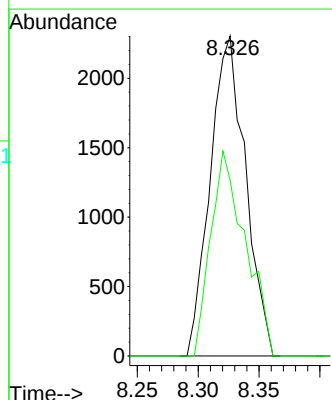
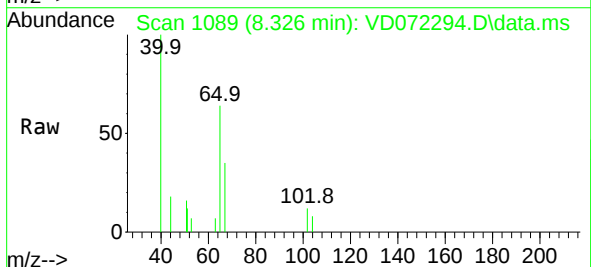
Instrument :
MSVOA_D
ClientSampleId :
SB-03-4.5-5.0RE

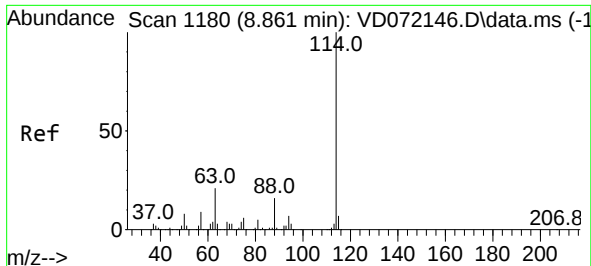
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#33
1,2-Dichloroethane-d4
Concen: 72.515 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Tgt Ion: 65 Resp: 4650
Ion Ratio Lower Upper
65 100
67 62.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072294.D

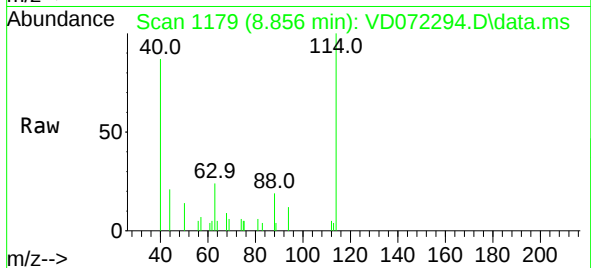
Acq: 18 Mar 2022 17:13

Instrument :

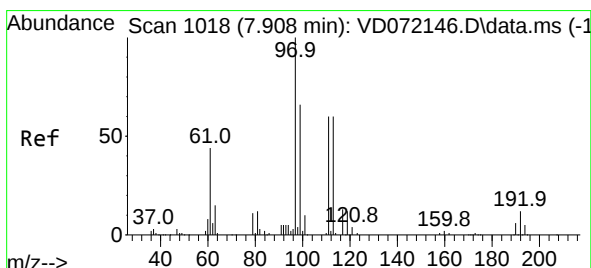
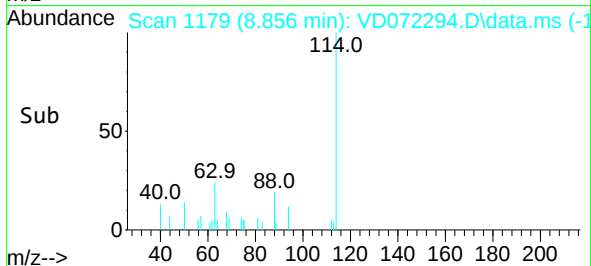
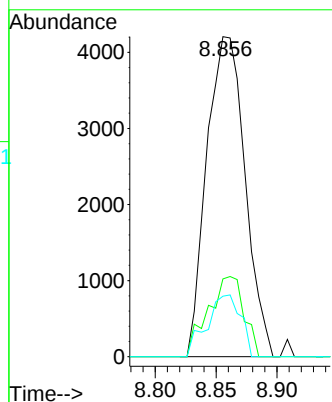
MSVOA_D

ClientSampleId :

SB-03-4.5-5.0RE



Tgt Ion:	114	Resp:	9208
Ion Ratio	Lower	Upper	
114	100		
63	24.3	0.0	46.6
88	22.8	0.0	33.2



#35

Dibromofluoromethane

Concen: 59.910 ug/l

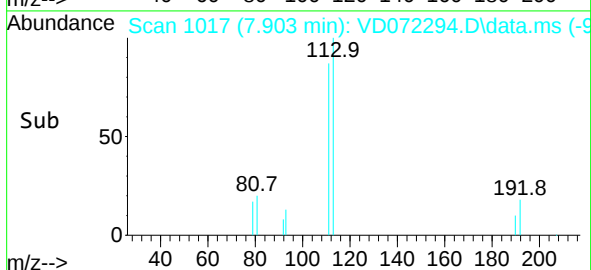
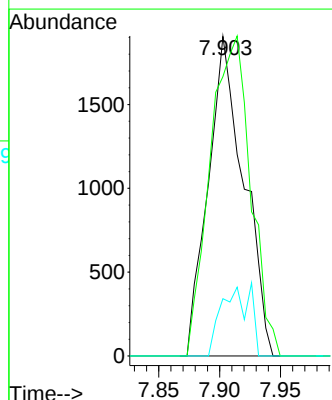
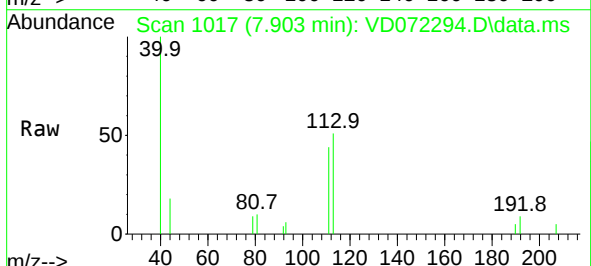
RT: 7.903 min Scan# 1017

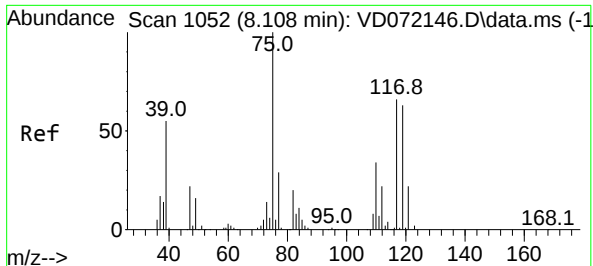
Delta R.T. -0.006 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

Tgt Ion:	113	Resp:	3882
Ion Ratio	Lower	Upper	
113	100		
111	113.8	83.8	125.6
192	0.0	14.6	21.8





#36

1,1-Dichloropropene

Concen: 5.148 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD072294.D

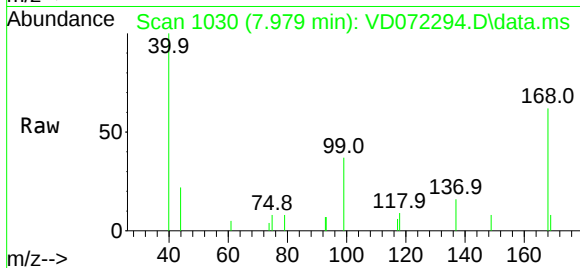
Acq: 18 Mar 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

SB-03-4.5-5.0RE



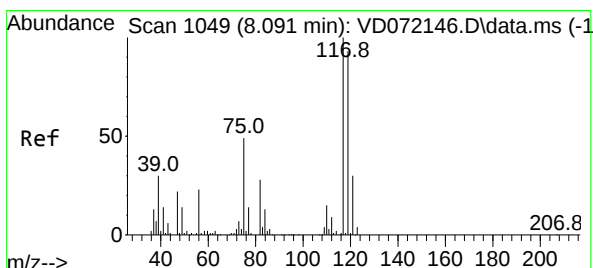
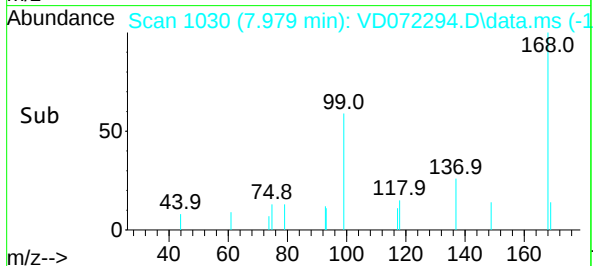
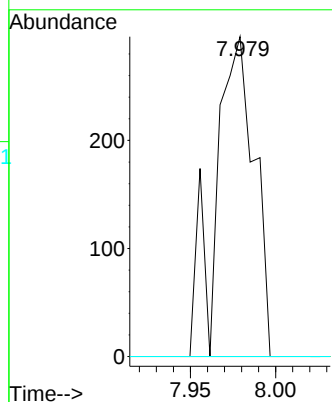
Tgt Ion: 75 Resp: 468

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.529 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

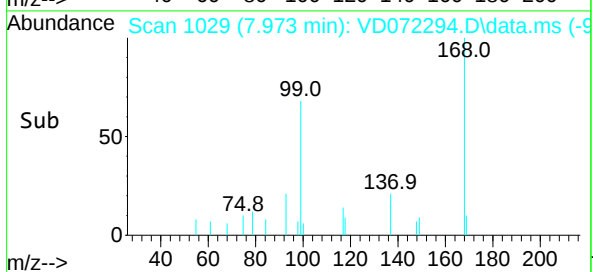
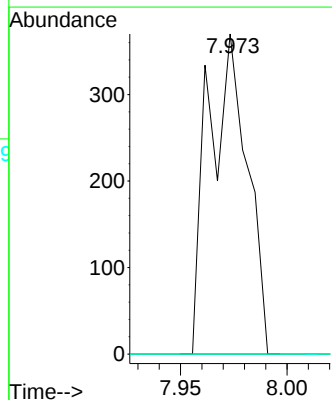
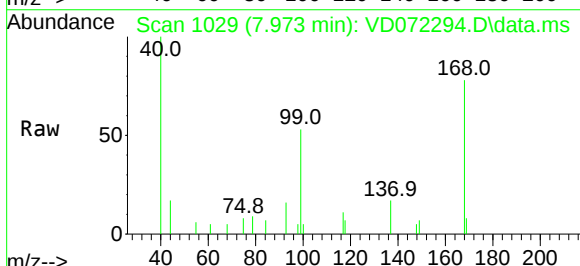
Tgt Ion: 117 Resp: 468

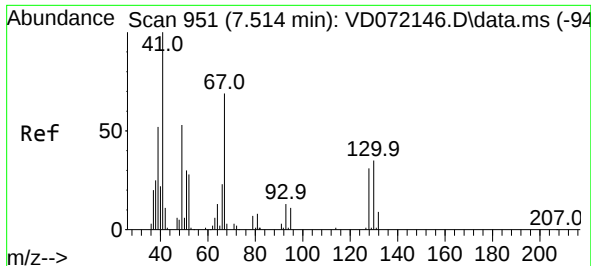
Ion Ratio Lower Upper

117 100

119 0.0 75.8 113.6#

121 0.0 24.5 36.7#

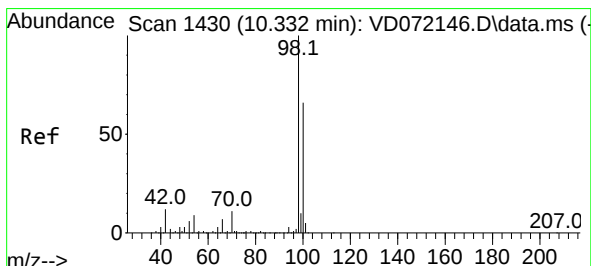
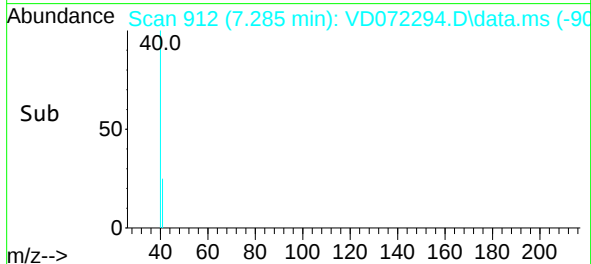
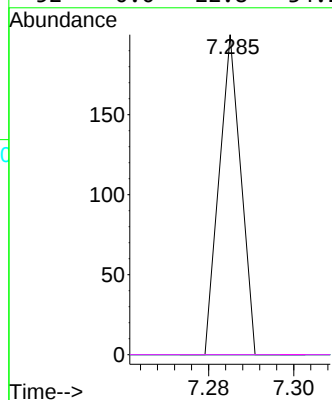
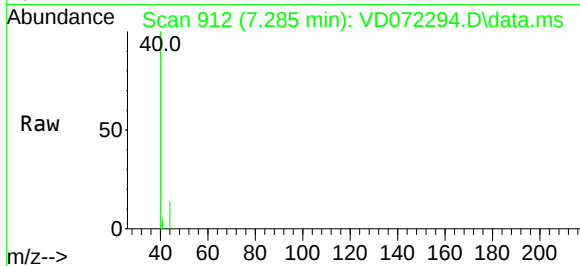




#41
Methacrylonitrile
Concen: 3.059 ug/l
RT: 7.285 min Scan# 91
Delta R.T. -0.229 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

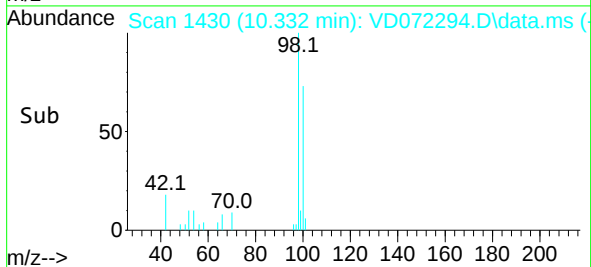
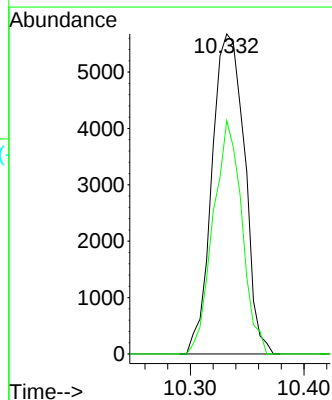
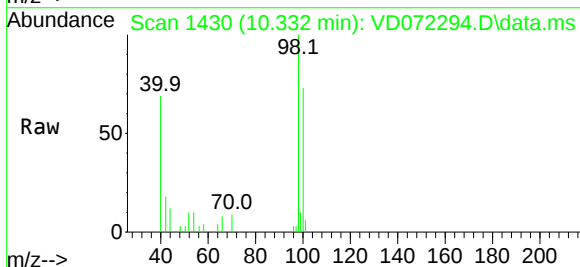
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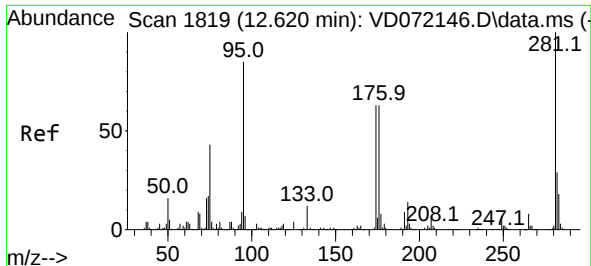
Tgt Ion:	41	Resp:	71
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#50
Toluene-d8
Concen: 47.583 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072294.D
Acq: 18 Mar 2022 17:13

Tgt Ion:	98	Resp:	11274
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 51.053 ug/l

RT: 12.620 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

Instrument :

MSVOA_D

ClientSampleId :

SB-03-4.5-5.0RE

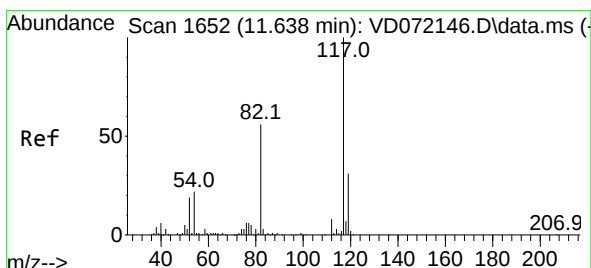
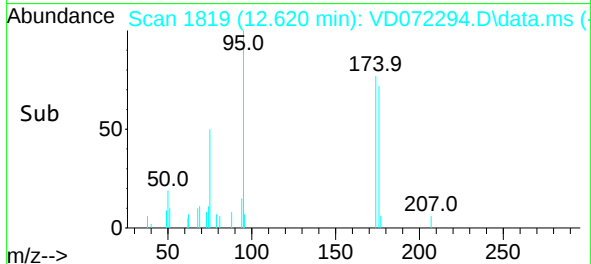
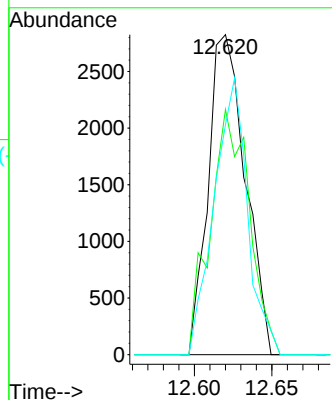
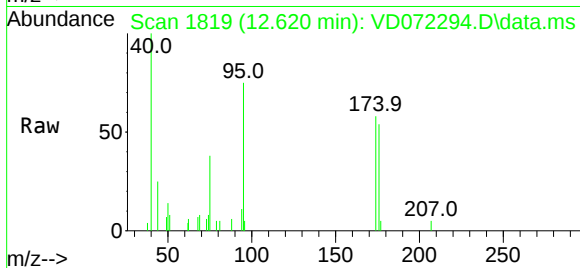
Tgt Ion: 95 Resp: 4700

Ion Ratio Lower Upper

95 100

174 80.5 0.0 152.8

176 77.7 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1651

Delta R.T. -0.006 min

Lab File: VD072294.D

Acq: 18 Mar 2022 17:13

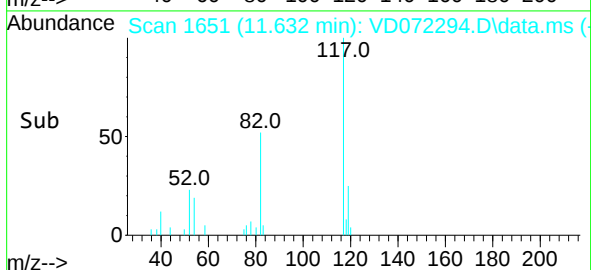
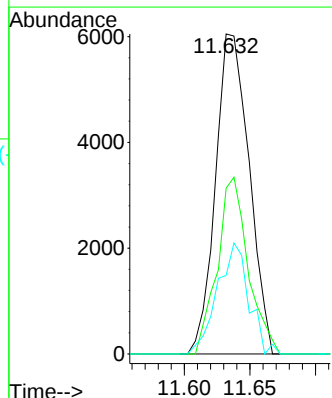
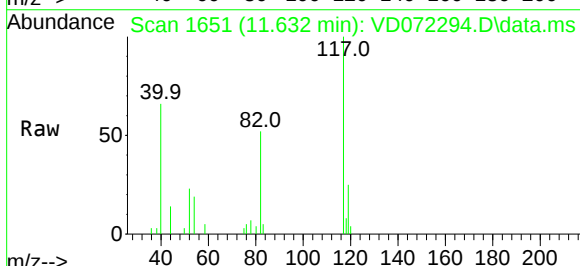
Tgt Ion: 117 Resp: 10785

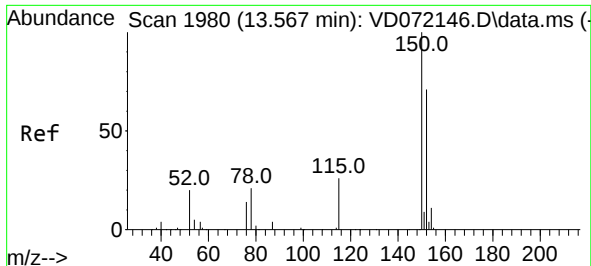
Ion Ratio Lower Upper

117 100

82 51.8 45.3 67.9

119 24.6 26.6 40.0#

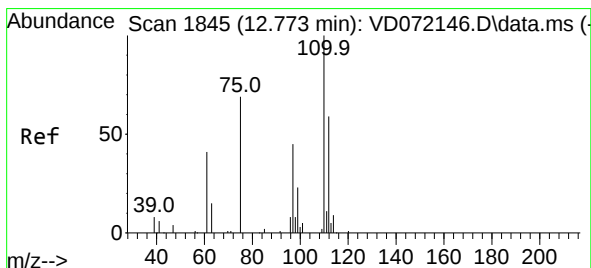
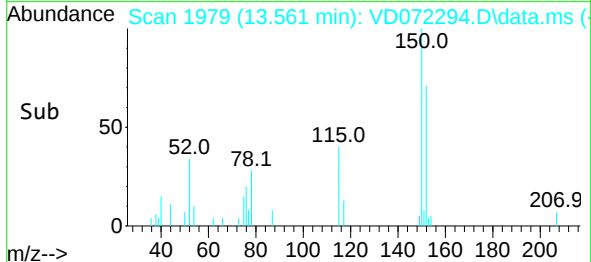
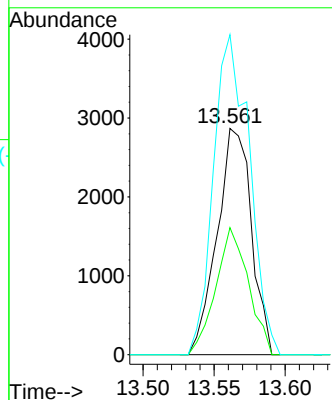
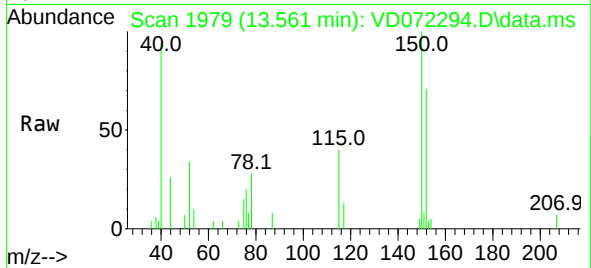




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1980
 Delta R.T. -0.006 min
 Lab File: VD072294.D
 Acq: 18 Mar 2022 17:13

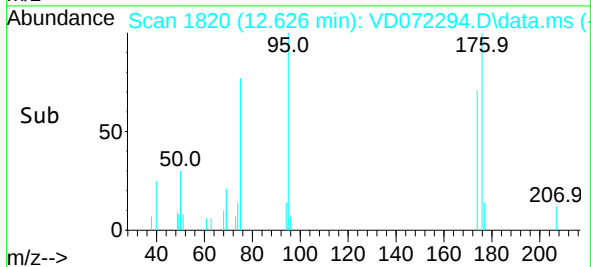
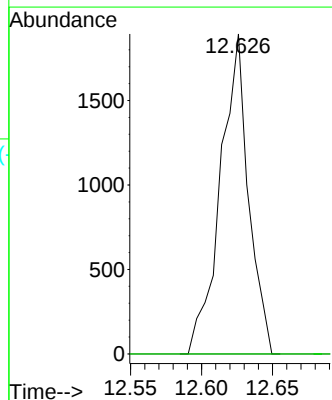
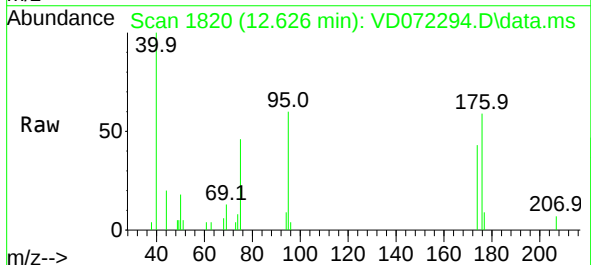
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0RE

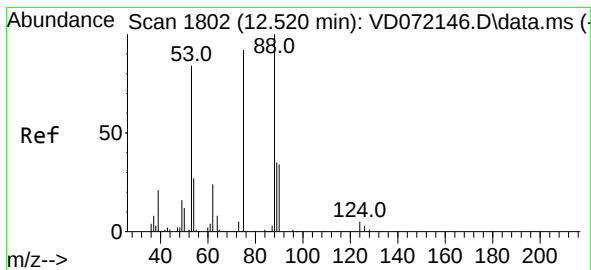
Tgt Ion:152 Resp: 4817
 Ion Ratio Lower Upper
 152 100
 115 53.3 31.3 93.8
 150 148.1 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.063 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD072294.D
 Acq: 18 Mar 2022 17:13

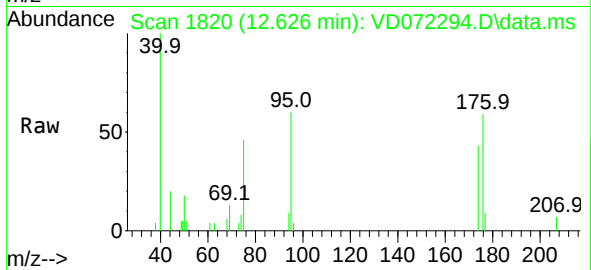
Tgt Ion: 75 Resp: 2607
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.730 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072294.D
 Acq: 18 Mar 2022 17:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-4.5-5.0RE



Tgt Ion: 75 Resp: 2607
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

