

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072295.D
 Acq On : 18 Mar 2022 17:42
 Operator : VA/SY
 Sample : N1994-10
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.5-5.0RE

Quant Time: Mar 19 05:26:34 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)

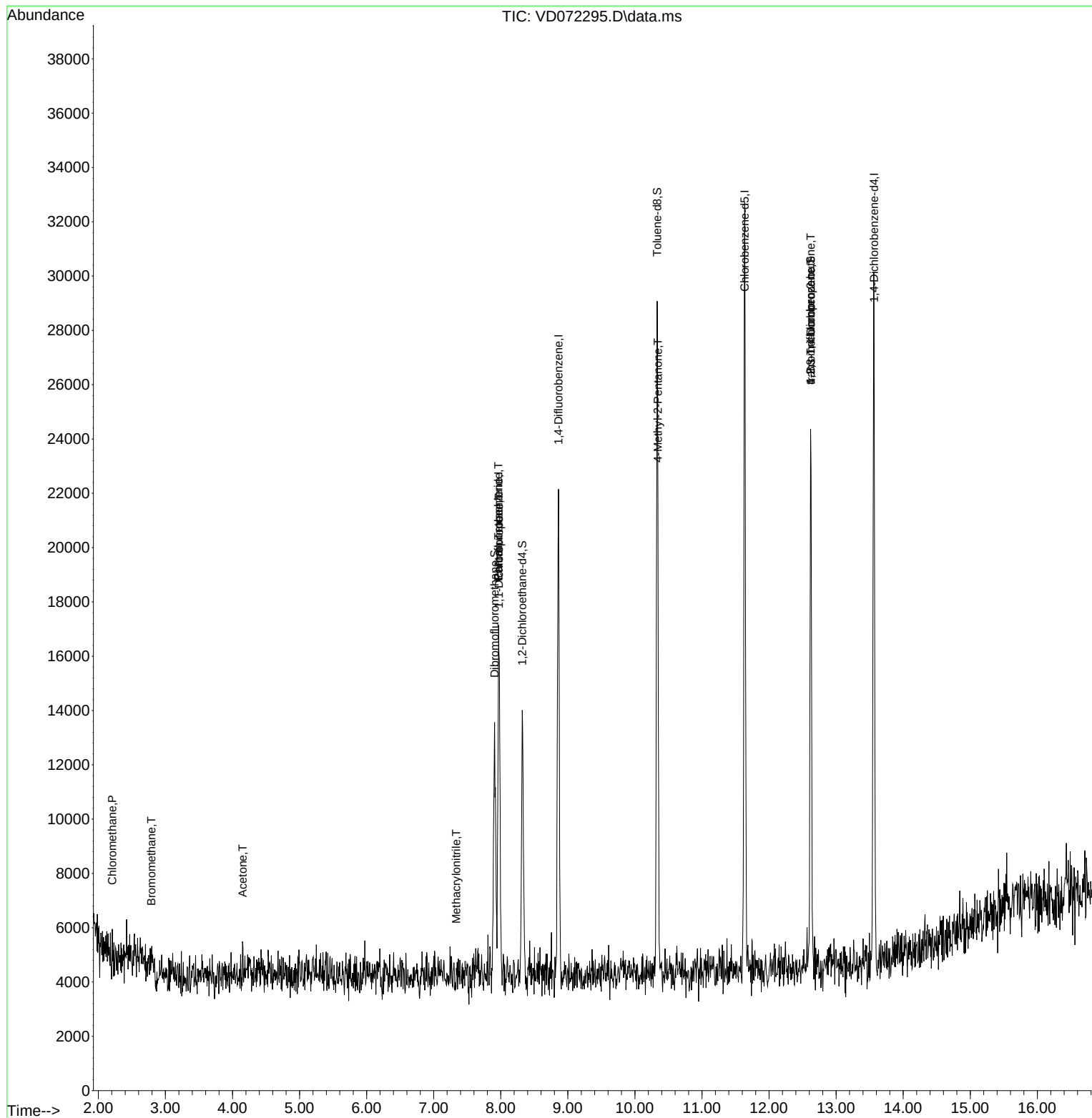
Internal Standards						
1) Pentafluorobenzene	7.967	168	9543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	14550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7534	70.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.680%	
35) Dibromofluoromethane	7.908	113	6615	64.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.220%	
50) Toluene-d8	10.332	98	16495	44.059	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.120%	
62) 4-Bromofluorobenzene	12.620	95	6541	44.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	353	4.501	ug/l #	40
5) Bromomethane	2.791	94	284	5.761	ug/l #	51
16) Acetone	4.150	43	63	2.728	ug/l #	47
20) Methylene Chloride	4.962	84	83	Below Cal	#	57
36) 1,1-Dichloropropene	7.973	75	828	5.764	ug/l #	43
38) Carbon Tetrachloride	7.967	117	1112	6.811	ug/l #	13
41) Methacrylonitrile	7.338	41	57	1.554	ug/l #	27
51) 4-Methyl-2-Pentanone	10.344	43	69	1.076	ug/l #	28
76) 1,2,3-Trichloropropane	12.620	75	3363	45.756	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	3363	113.525	ug/l #	7

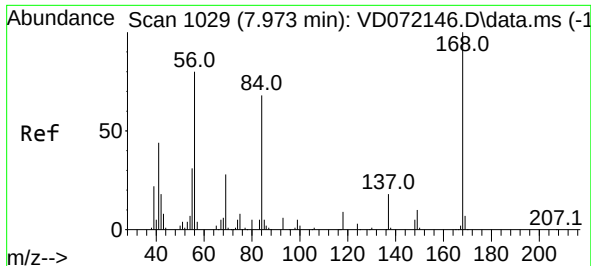
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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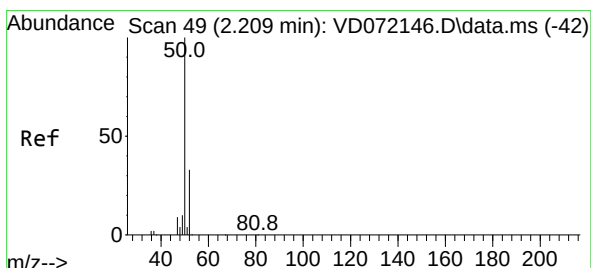
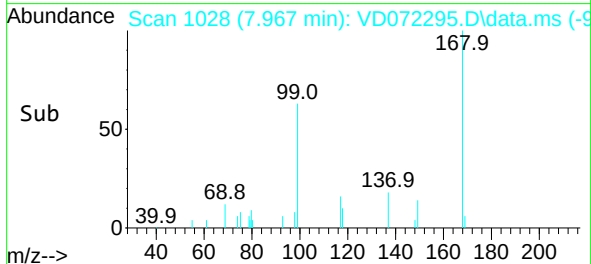
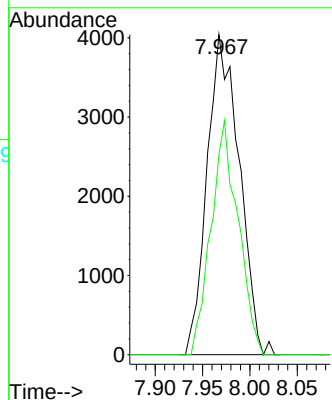
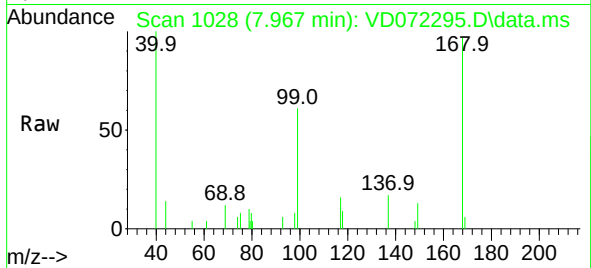




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

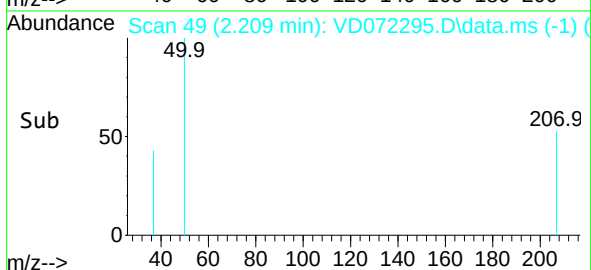
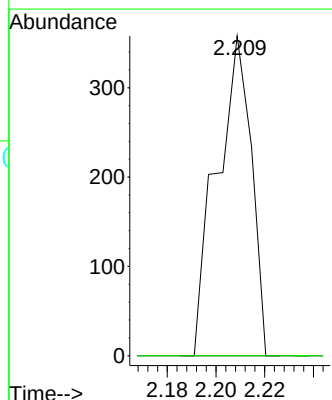
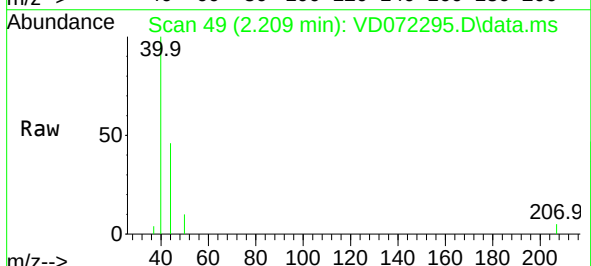
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

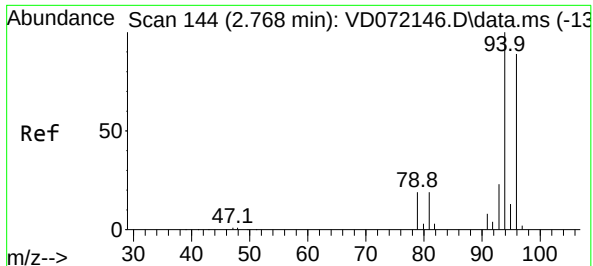
Tgt Ion:168 Resp: 9543
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#3
Chloromethane
Concen: 4.501 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

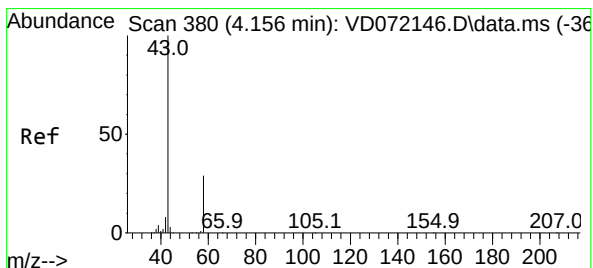
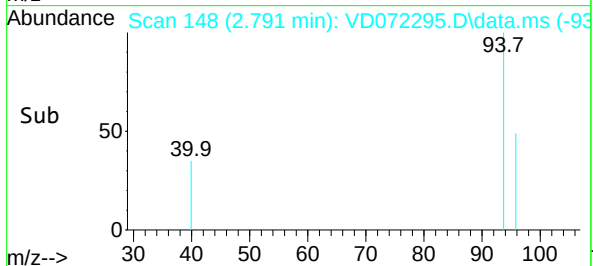
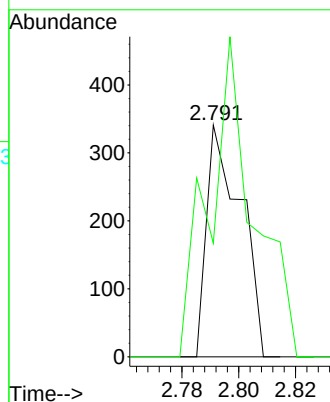
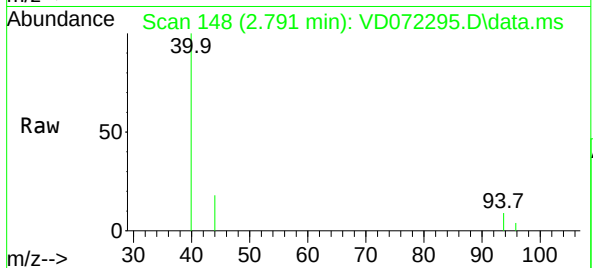




#5
Bromomethane
Concen: 5.761 ug/l
RT: 2.791 min Scan# 144
Delta R.T. 0.023 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

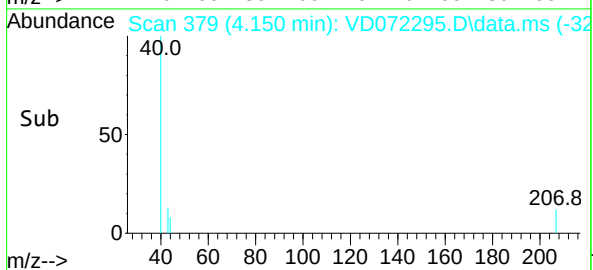
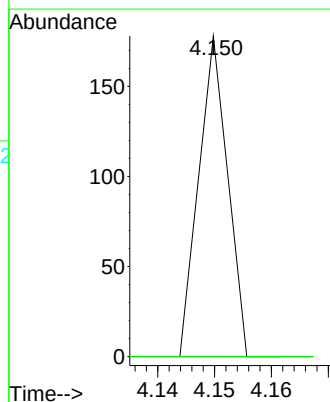
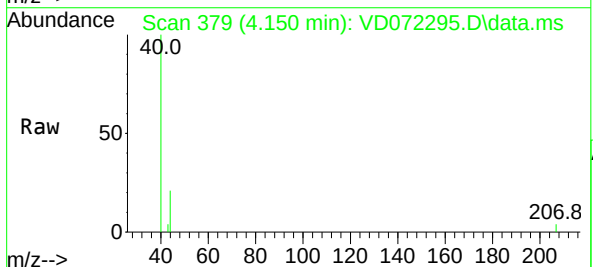
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

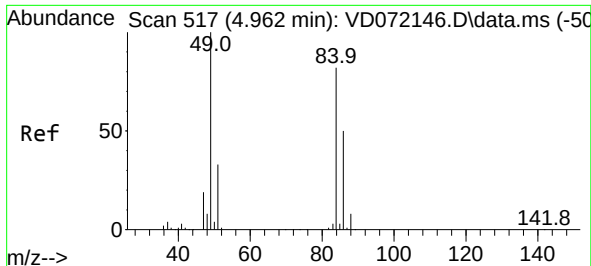
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 49.0 77.6 116.4#



#16
Acetone
Concen: 2.728 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

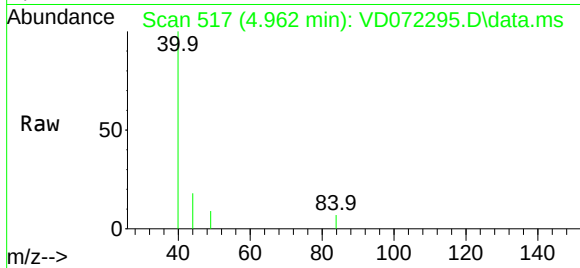
Tgt Ion: 43 Resp: 63
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



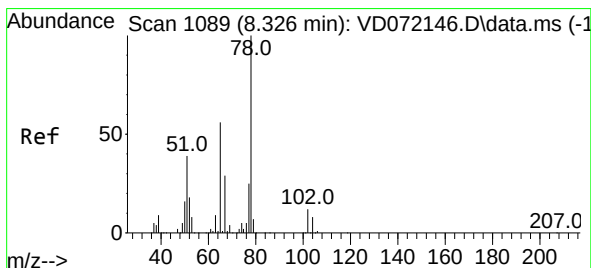
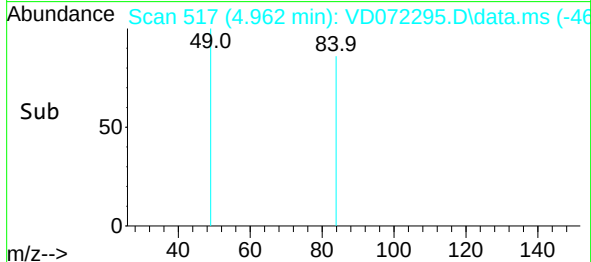
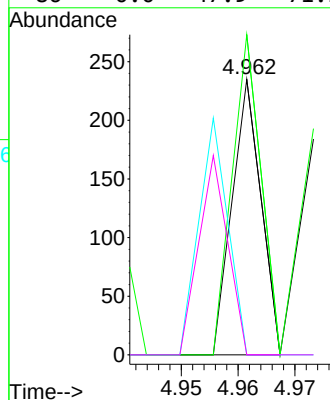


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

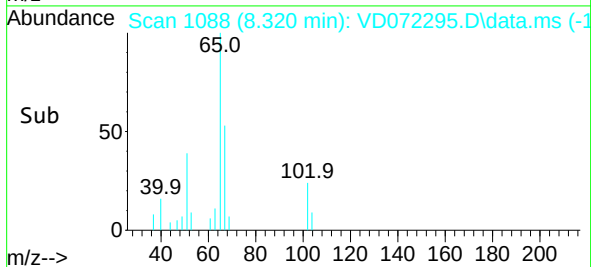
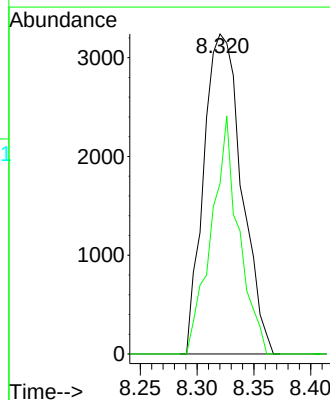
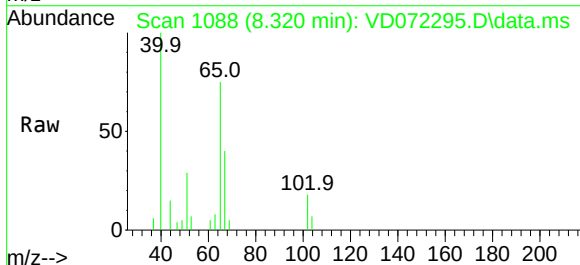


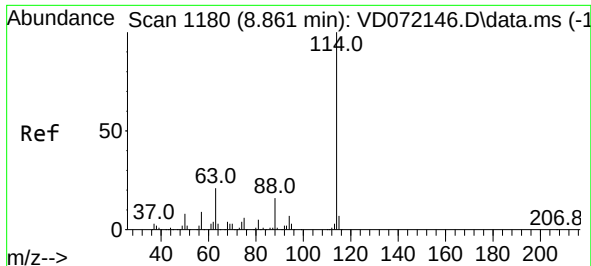
Tgt Ion:	84	Resp:	83
Ion	Ratio	Lower	Upper
84	100		
49	116.2	112.8	169.2
51	0.0	32.6	48.8#
86	0.0	47.9	71.9#



#33
1,2-Dichloroethane-d4
Concen: 70.841 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion:	65	Resp:	7534
Ion	Ratio	Lower	Upper
65	100		
67	53.8	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: VD072295.D

Acq: 18 Mar 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.5-5.0RE

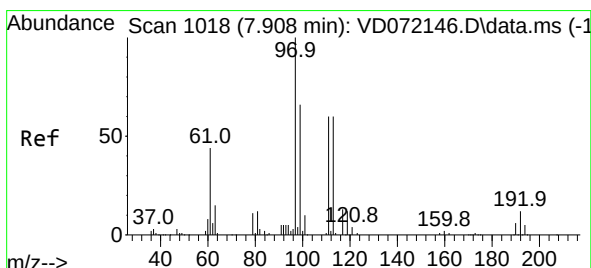
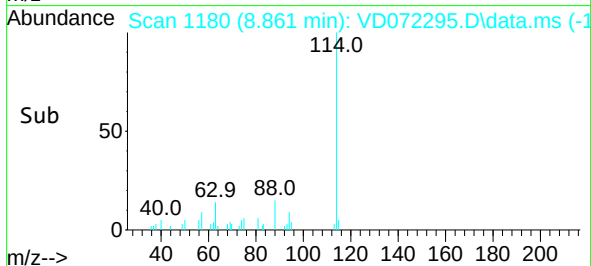
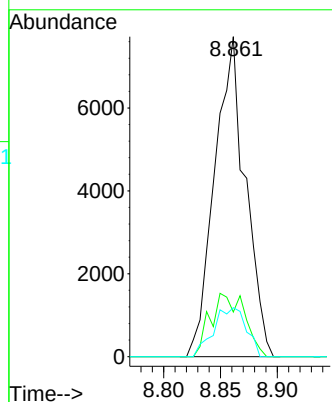
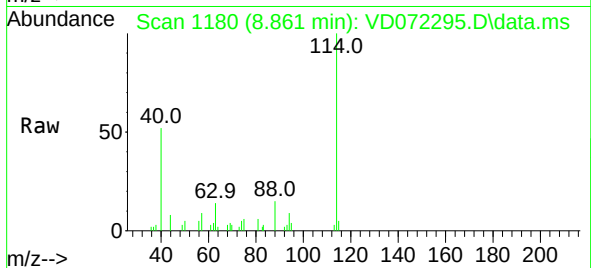
Tgt Ion:114 Resp: 14550

Ion Ratio Lower Upper

114 100

63 14.0 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 64.606 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072295.D

Acq: 18 Mar 2022 17:42

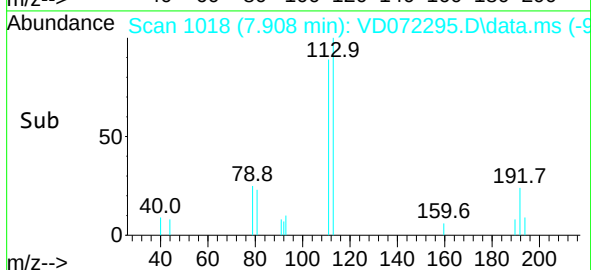
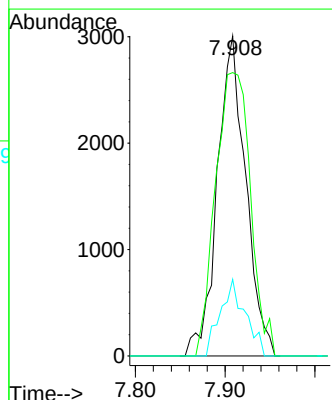
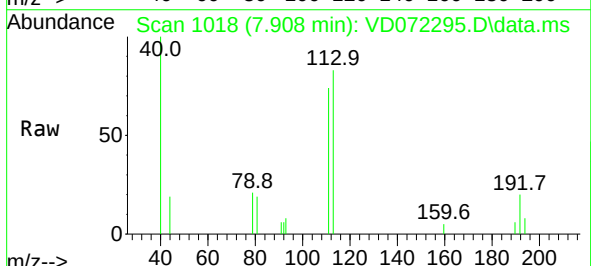
Tgt Ion:113 Resp: 6615

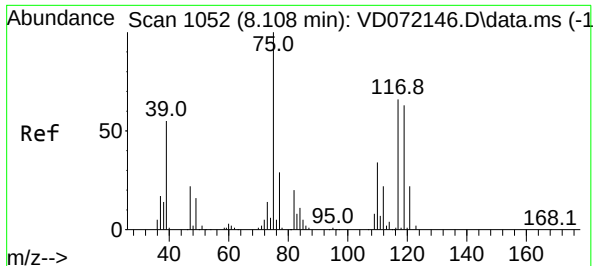
Ion Ratio Lower Upper

113 100

111 108.8 83.8 125.6

192 20.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.764 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD072295.D

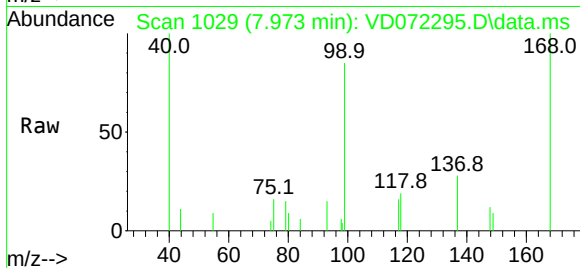
Acq: 18 Mar 2022 17:42

Instrument :

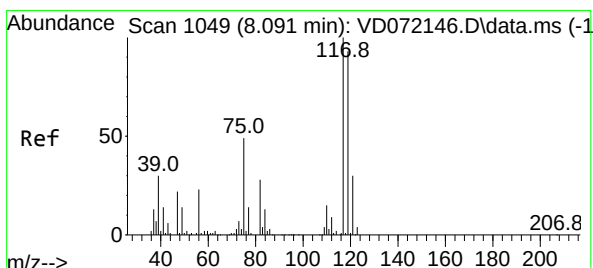
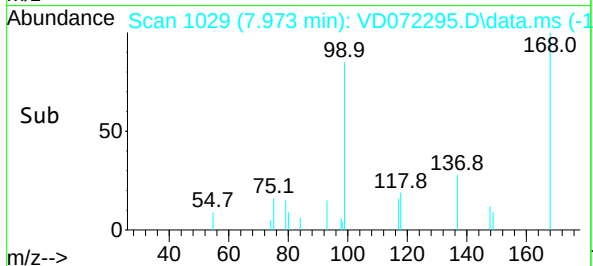
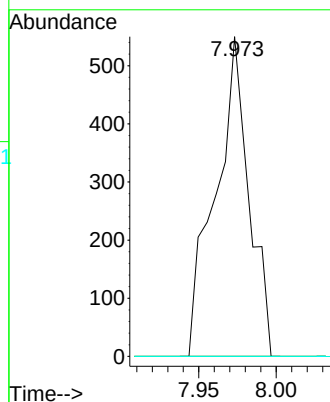
MSVOA_D

ClientSampleId :

SB-04-4.5-5.0RE



Tgt Ion: 75	Resp: 828
Ion Ratio	Lower Upper
75 100	
110 0.0	16.4 49.1#
77 0.0	24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.811 ug/l

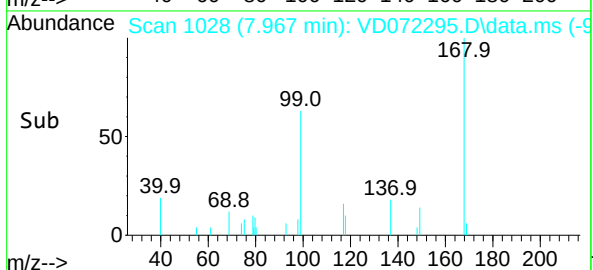
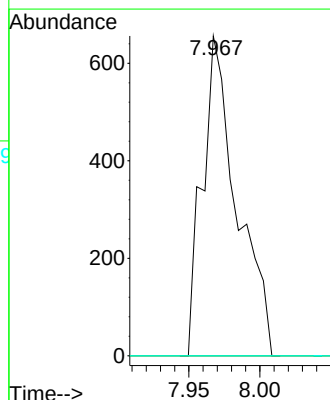
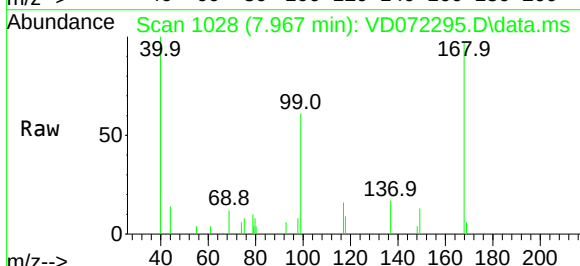
RT: 7.967 min Scan# 1028

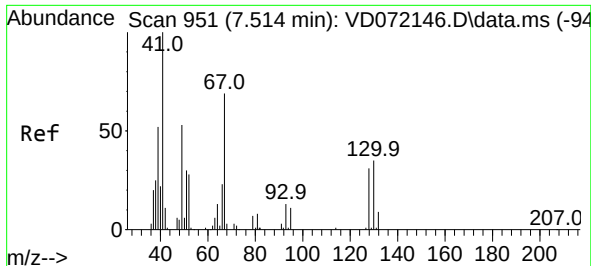
Delta R.T. -0.124 min

Lab File: VD072295.D

Acq: 18 Mar 2022 17:42

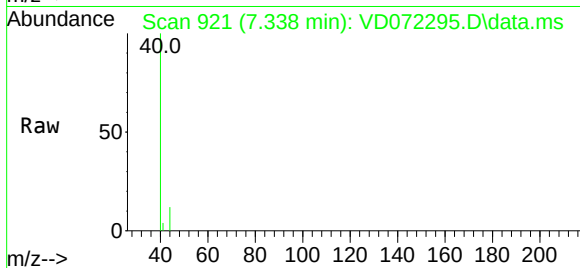
Tgt Ion: 117	Resp: 1112
Ion Ratio	Lower Upper
117 100	
119 0.0	75.8 113.6#
121 0.0	24.5 36.7#



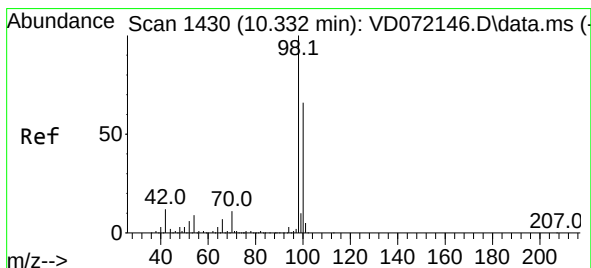
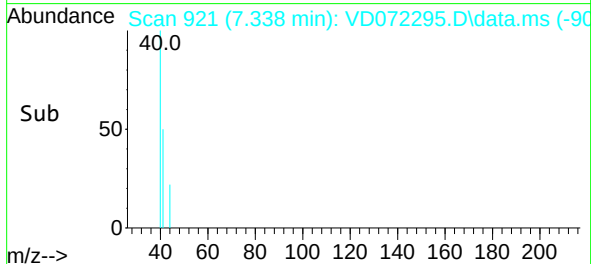
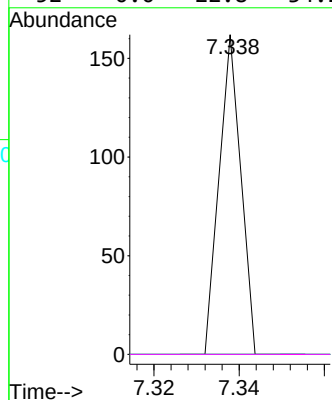


#41
Methacrylonitrile
Concen: 1.554 ug/l
RT: 7.338 min Scan# 91
Delta R.T. -0.177 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

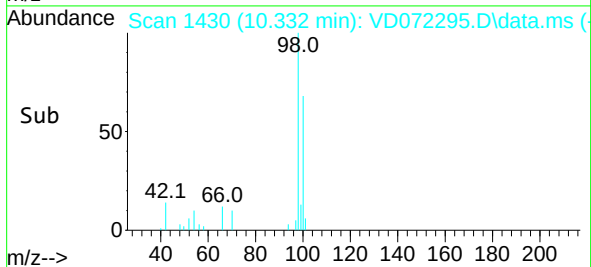
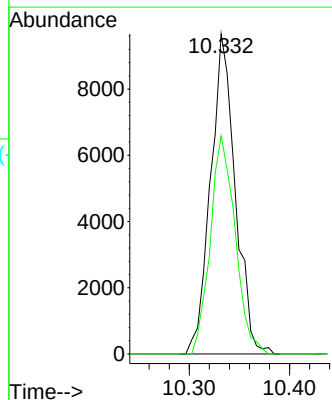
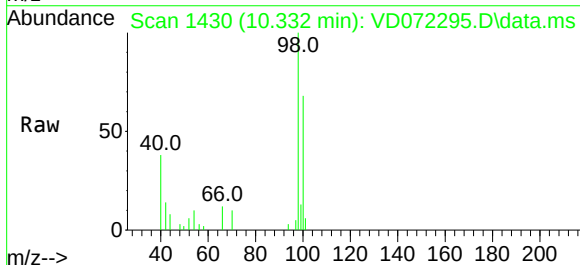


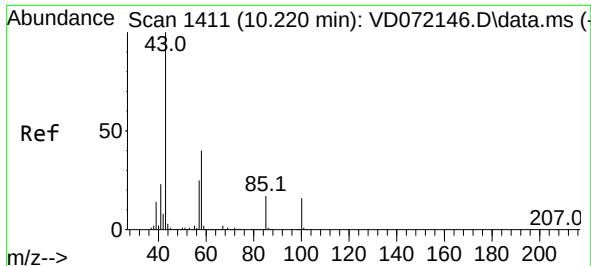
Tgt Ion: 41	Resp: 57
Ion Ratio	Lower Upper
41 100	
39 0.0	44.6 67.0#
67 0.0	48.2 72.4#
52 0.0	22.8 34.2#



#50
Toluene-d8
Concen: 44.059 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion: 98	Resp: 16495
Ion Ratio	Lower Upper
98 100	
100 68.7	52.4 78.6

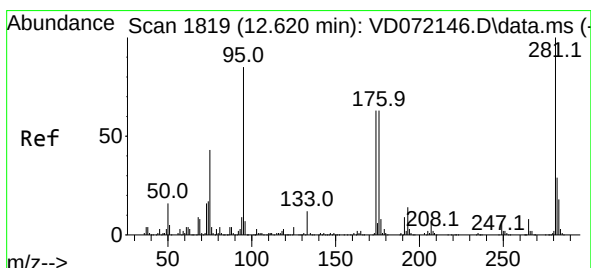
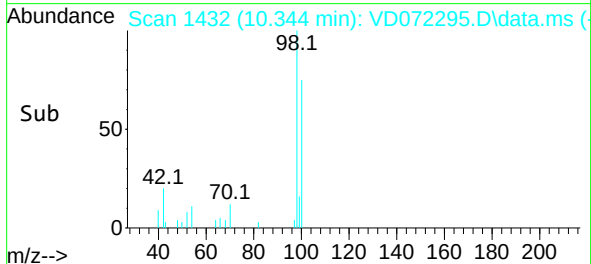
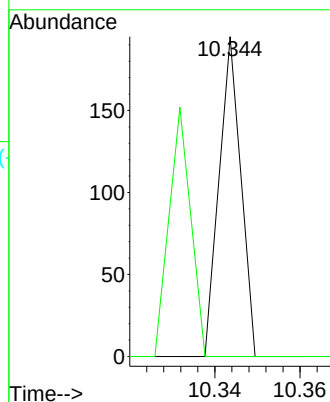
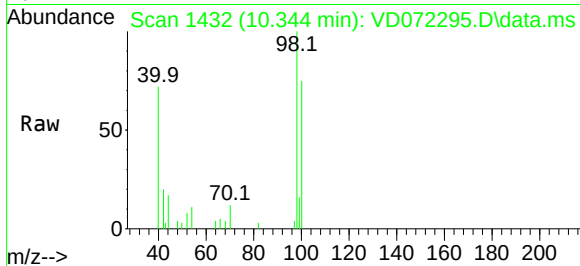




#51
4-Methyl-2-Pentanone
Concen: 1.076 ug/l
RT: 10.344 min Scan# 1411
Delta R.T. 0.123 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

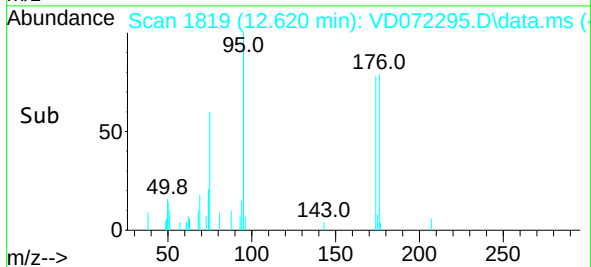
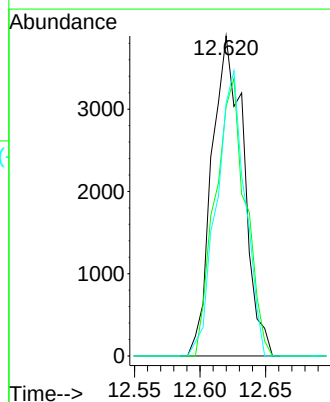
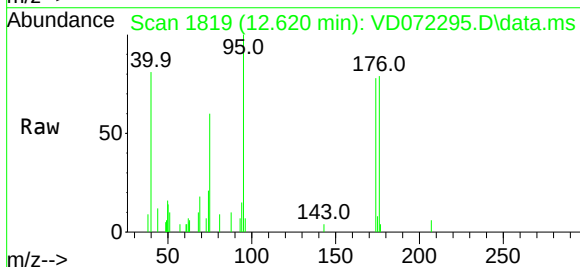
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

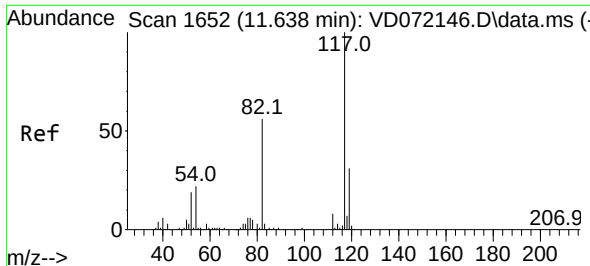
Tgt Ion: 43 Resp: 69
Ion Ratio Lower Upper
43 100
58 78.3 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 44.965 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion: 95 Resp: 6541
Ion Ratio Lower Upper
95 100
174 83.3 0.0 152.8
176 80.1 0.0 145.4

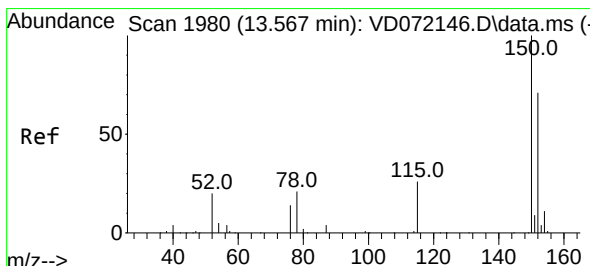
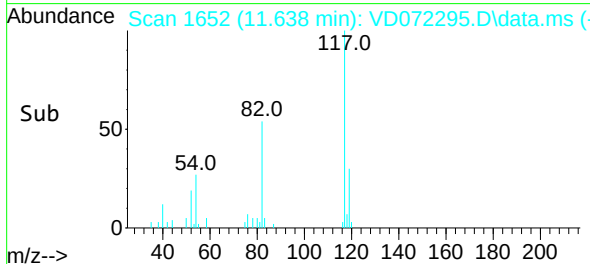
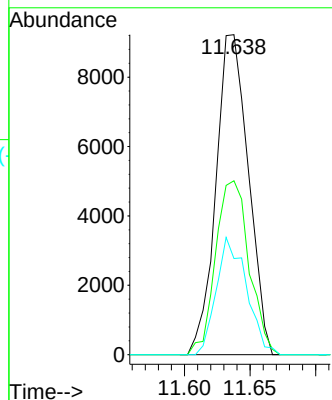
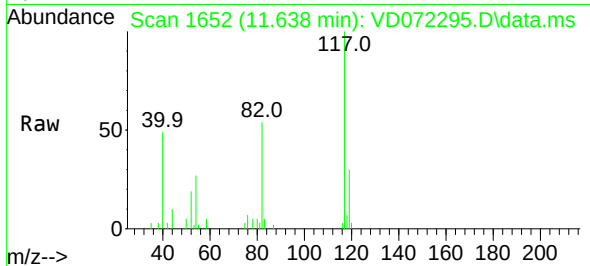




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

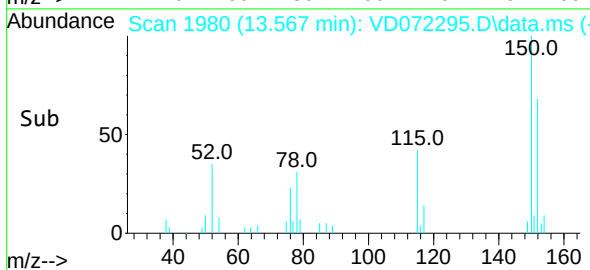
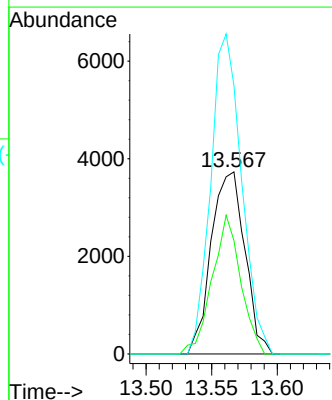
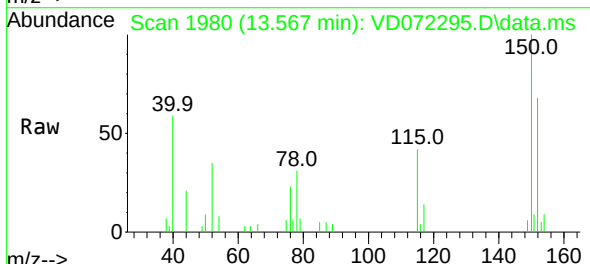
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

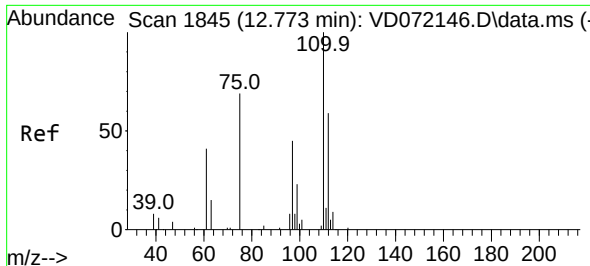
Tgt Ion:117 Resp: 15891
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 30.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion:152 Resp: 6663
Ion Ratio Lower Upper
152 100
115 64.3 31.3 93.8
150 161.2 0.0 348.6

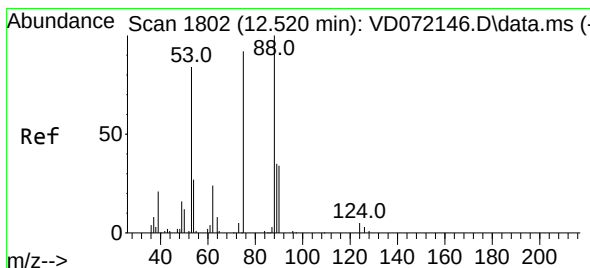
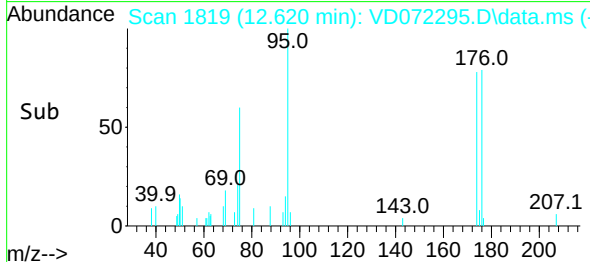
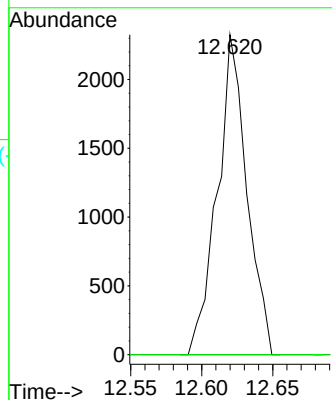
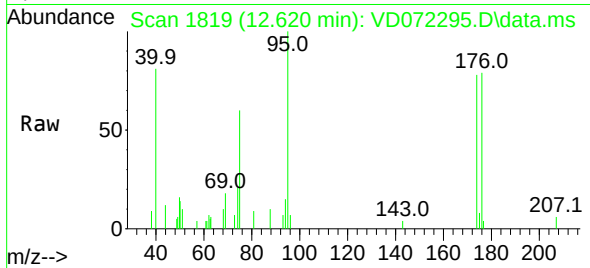




#76
1,2,3-Trichloropropane
Concen: 45.756 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.5-5.0RE

Tgt Ion: 75 Resp: 3363
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.525 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072295.D
Acq: 18 Mar 2022 17:42

Tgt Ion: 75 Resp: 3363
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

