

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072794.D
 Acq On : 04 May 2022 17:49
 Operator : VA/SY
 Sample : N2677-03
 Misc : 6.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1,9

Quant Time: May 05 01:38:32 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)

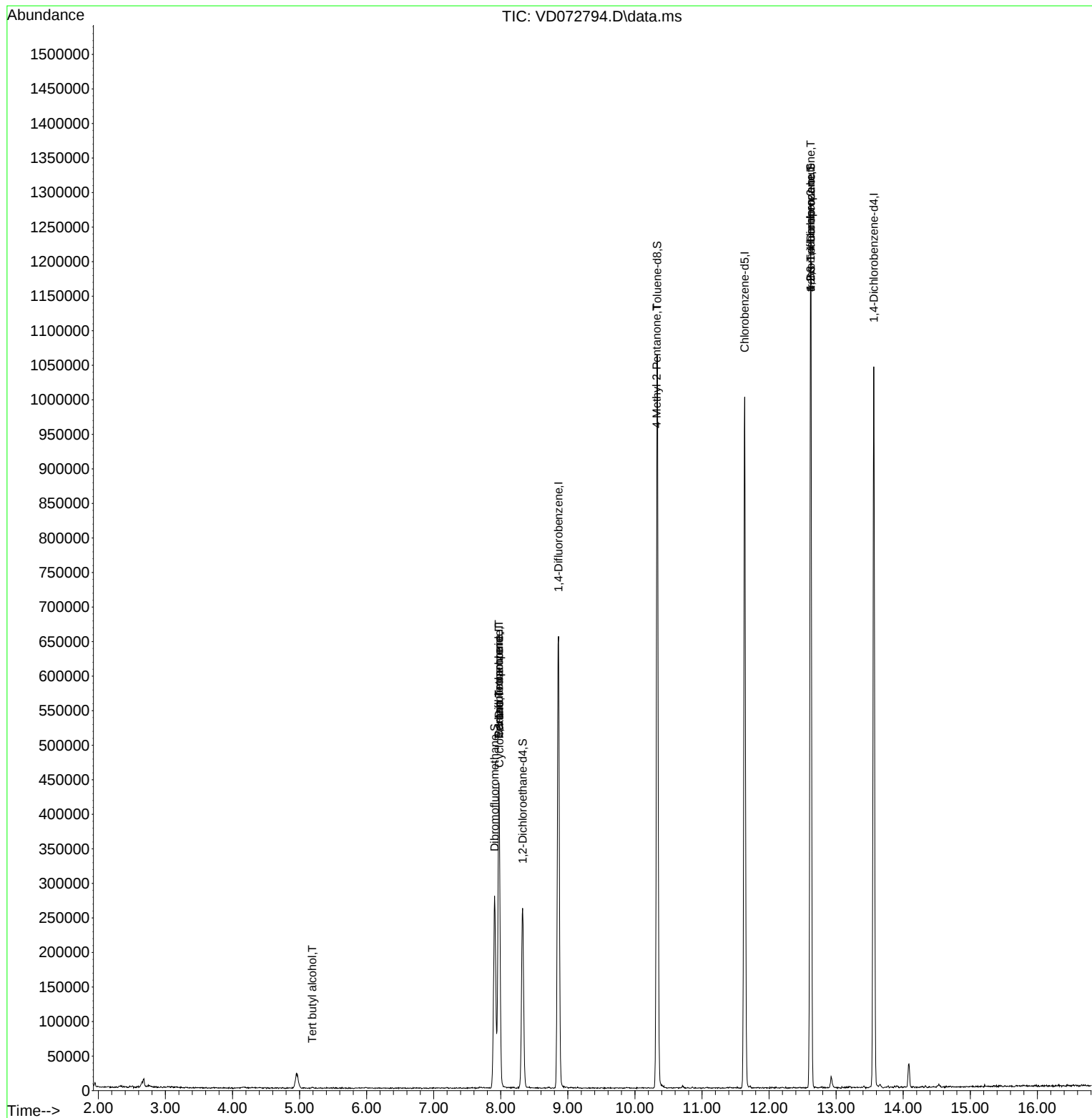
Internal Standards						
1) Pentafluorobenzene	7.973	168	309392	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	566707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	573236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208265	51.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.720%	
35) Dibromofluoromethane	7.908	113	199065	50.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.331	98	703471	49.274	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.540%	
62) 4-Bromofluorobenzene	12.620	95	275887	51.825	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.744	94	1409	Below Cal	#	67
11) Tert butyl alcohol	5.191	59	611	1.758	ug/l #	74
16) Acetone	4.155	43	1969	Below Cal		96
18) Methyl Acetate	4.738	43	72	Below Cal	#	1
20) Methylene Chloride	4.955	84	16069	Below Cal		93
31) Cyclohexane	7.979	56	7354	1.047	ug/l #	14
36) 1,1-Dichloropropene	7.973	75	26599	4.110	ug/l #	50
38) Carbon Tetrachloride	7.973	117	33789	5.030	ug/l #	17
51) 4-Methyl-2-Pentanone	10.326	43	3288	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	144227	48.993	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	144227	112.664	ug/l #	8

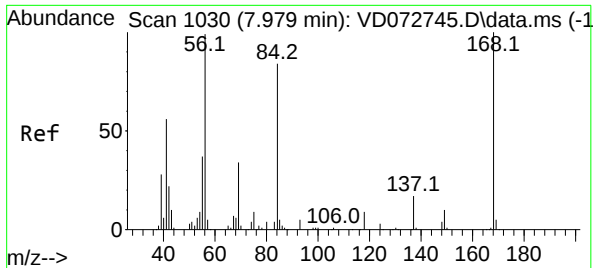
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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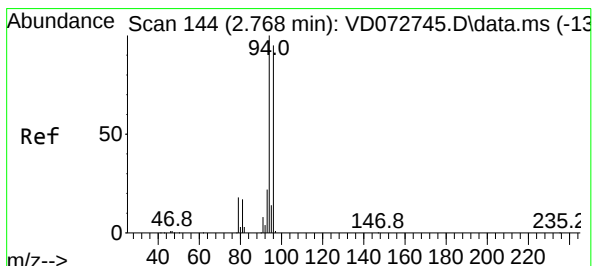
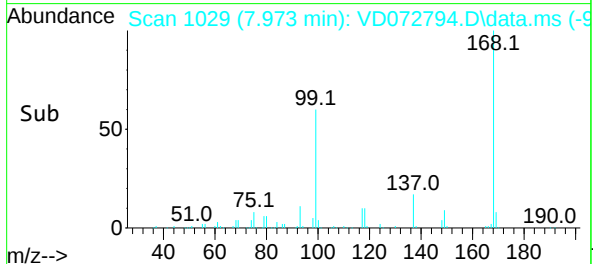
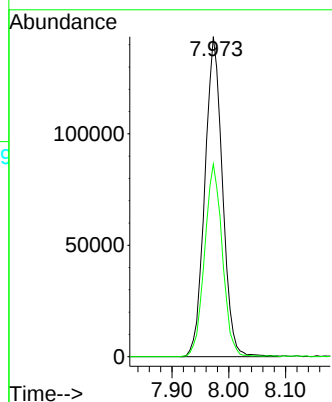
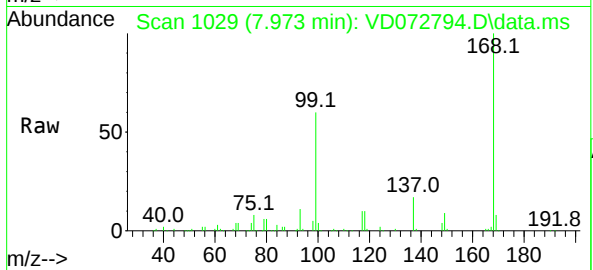




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

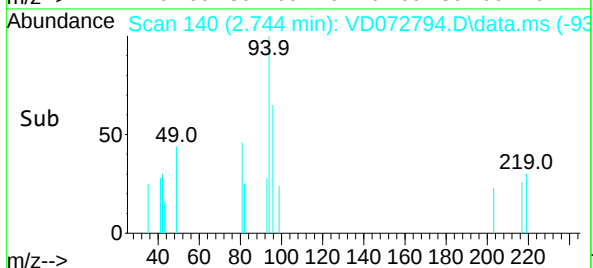
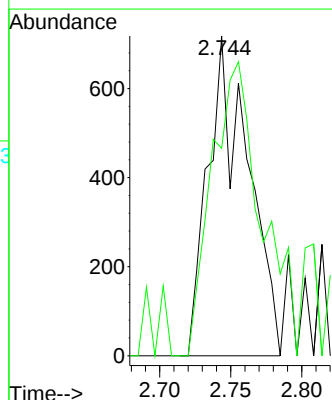
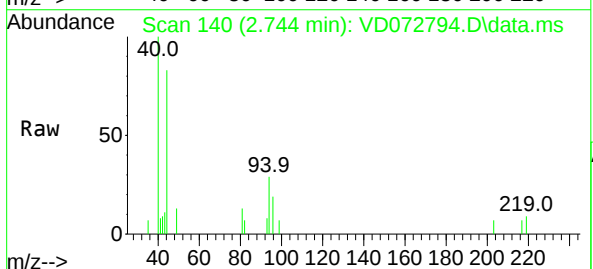
Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

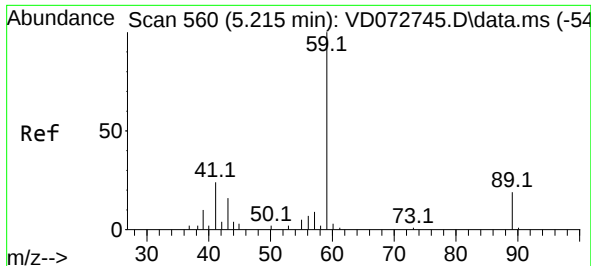
Tgt Ion:168 Resp: 309392
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.744 min Scan# 140
Delta R.T. -0.024 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 94 Resp: 1409
Ion Ratio Lower Upper
94 100
96 64.9 77.6 116.4#





#11

Tert butyl alcohol

Concen: 1.758 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD072794.D

Acq: 04 May 2022 17:49

Instrument :

MSVOA_D

ClientSampleId :

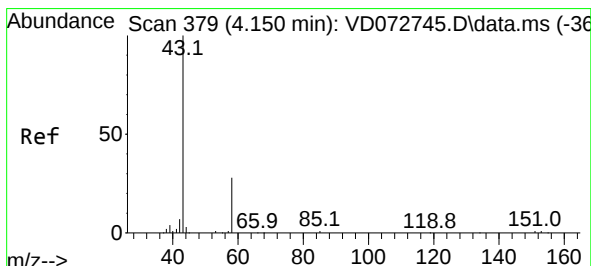
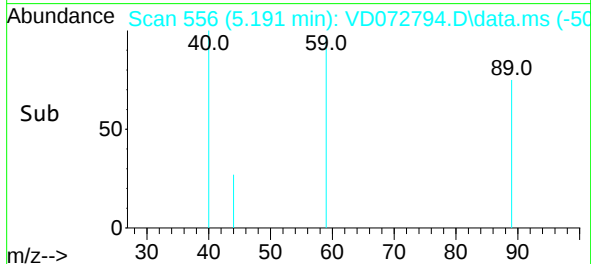
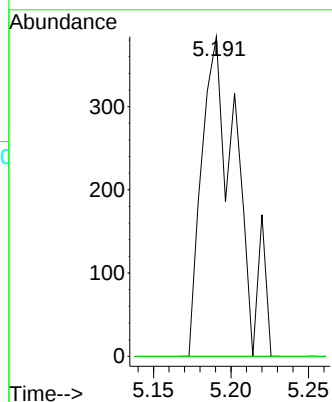
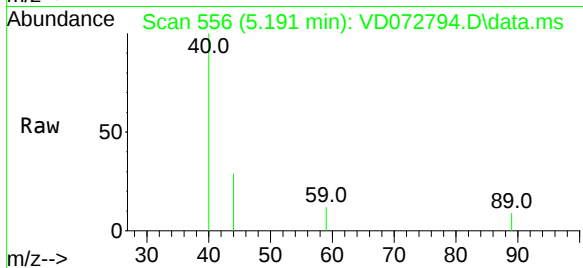
SB-1,9

Tgt Ion: 59 Resp: 611

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.155 min Scan# 380

Delta R.T. 0.005 min

Lab File: VD072794.D

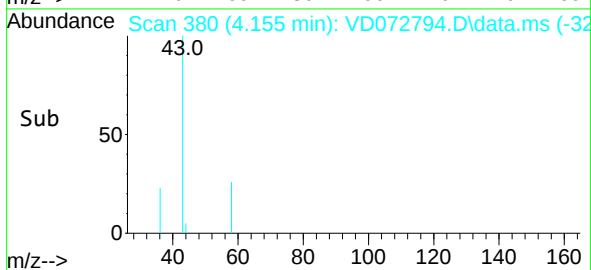
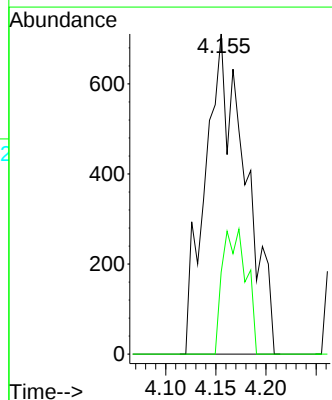
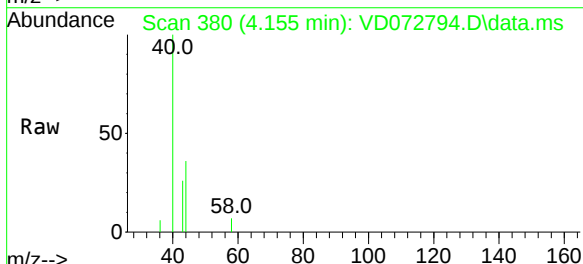
Acq: 04 May 2022 17:49

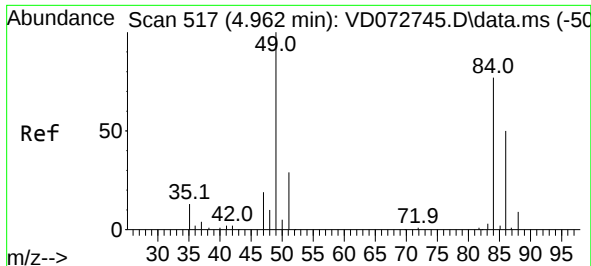
Tgt Ion: 43 Resp: 1969

Ion Ratio Lower Upper

43 100

58 25.6 22.1 33.1



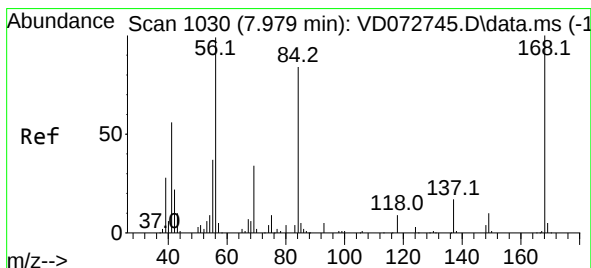
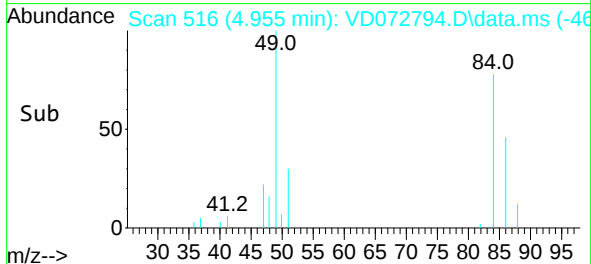
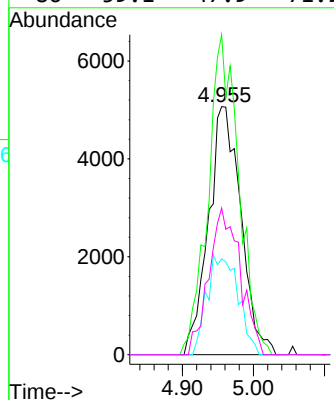
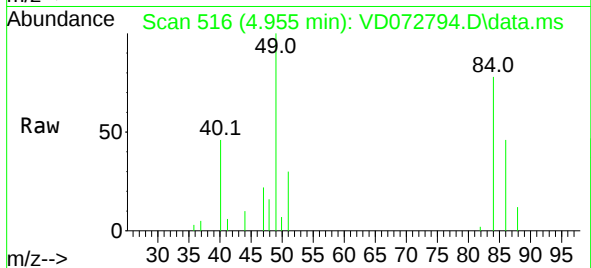


#20
Methylene Chloride
Concen: Below Cal
RT: 4.955 min Scan# 517
Delta R.T. -0.007 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

Tgt Ion: 84 Resp: 16069

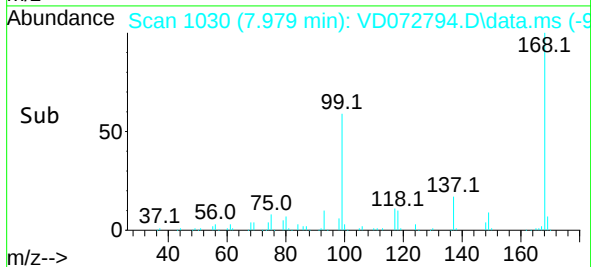
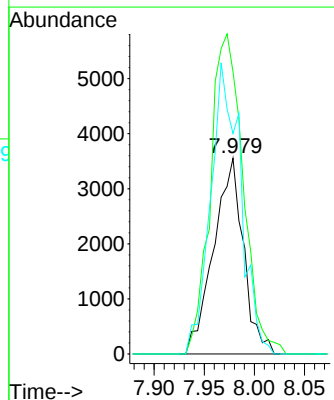
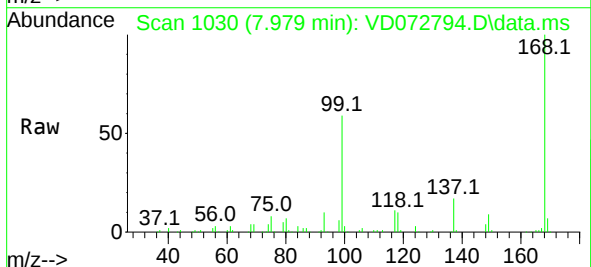
Ion	Ratio	Lower	Upper
84	100		
49	129.0	112.8	169.2
51	38.7	32.6	48.8
86	59.1	47.9	71.9

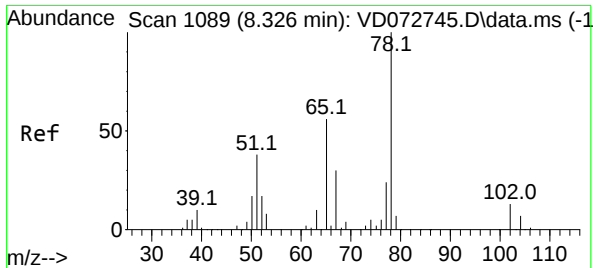


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 56 Resp: 7354

Ion	Ratio	Lower	Upper
56	100		
69	144.2	25.4	38.2#
84	112.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.857 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072794.D

Acq: 04 May 2022 17:49

Instrument :

MSVOA_D

ClientSampleId :

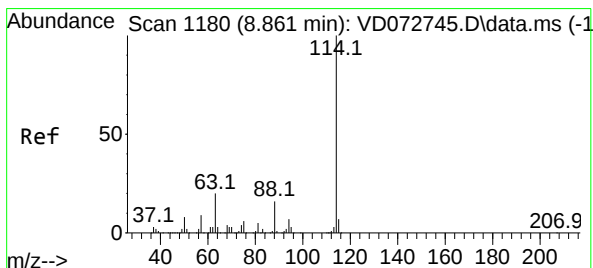
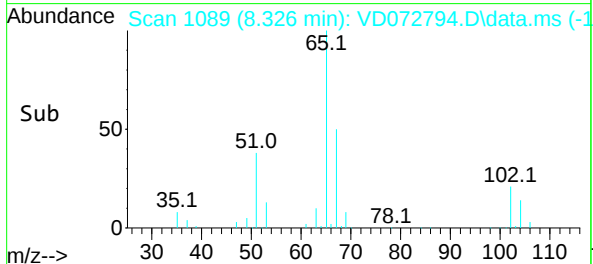
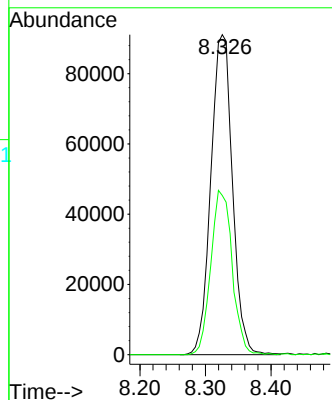
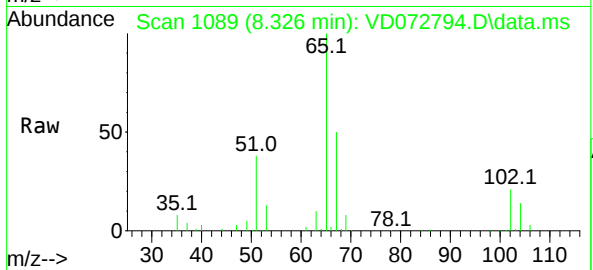
SB-1,9

Tgt Ion: 65 Resp: 208265

Ion Ratio Lower Upper

65 100

67 50.9 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: VD072794.D

Acq: 04 May 2022 17:49

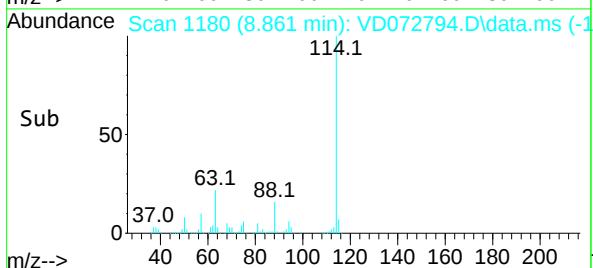
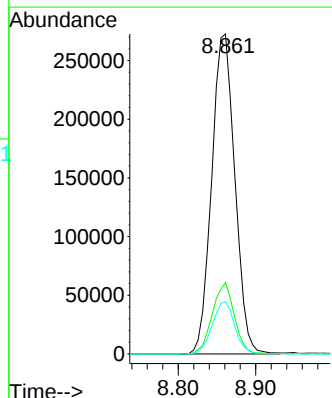
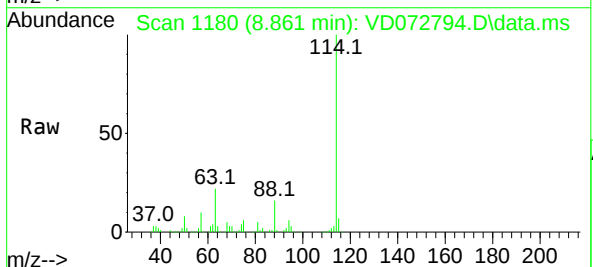
Tgt Ion: 114 Resp: 566707

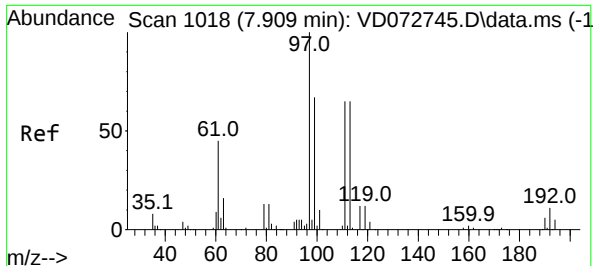
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072794.D

Acq: 04 May 2022 17:49

Instrument :

MSVOA_D

ClientSampleId :

SB-1,9

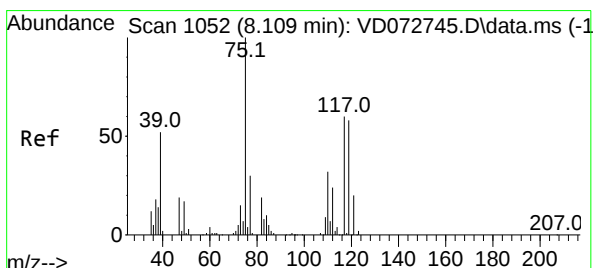
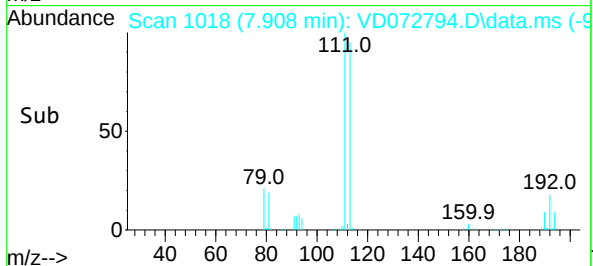
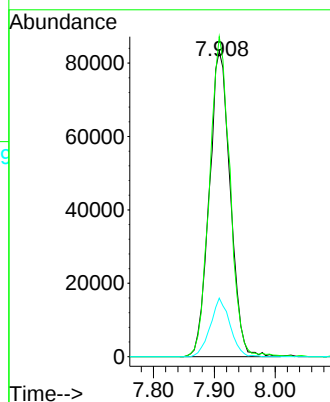
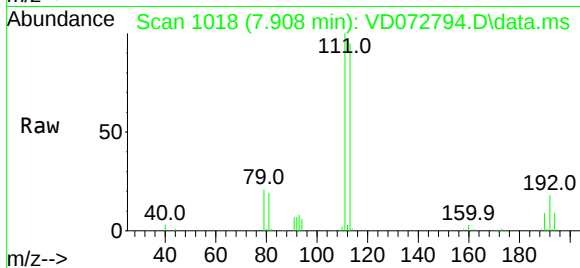
Tgt Ion:113 Resp: 199065

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.110 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072794.D

Acq: 04 May 2022 17:49

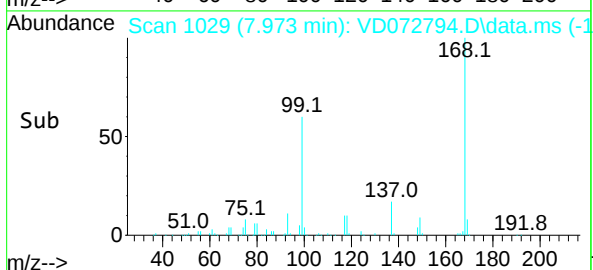
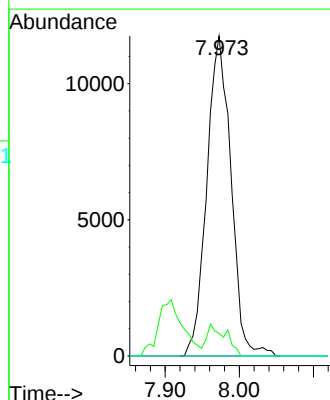
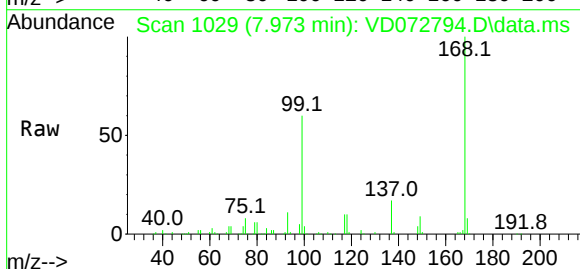
Tgt Ion: 75 Resp: 26599

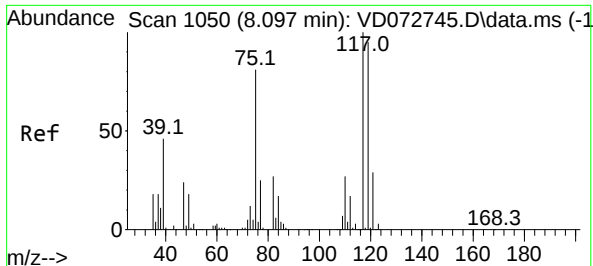
Ion Ratio Lower Upper

75 100

110 7.8 16.4 49.1#

77 0.0 24.2 36.2#

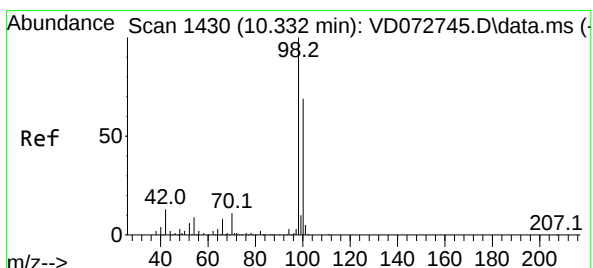
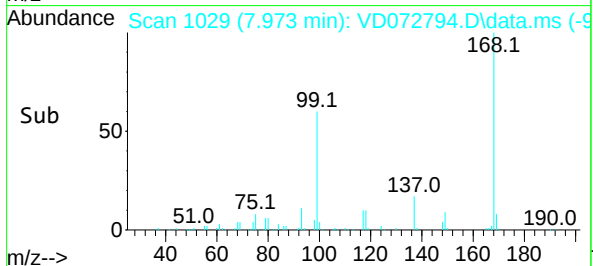
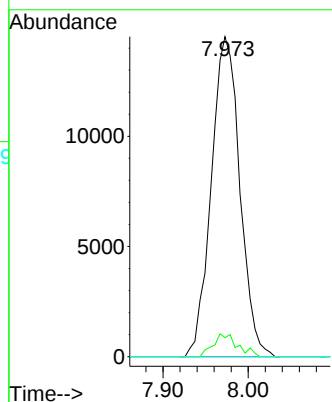
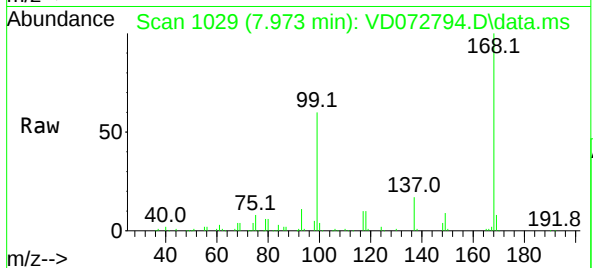




#38
Carbon Tetrachloride
Concen: 5.030 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

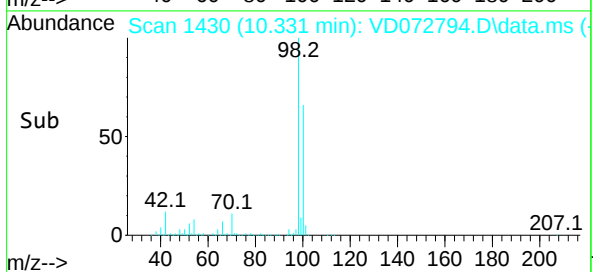
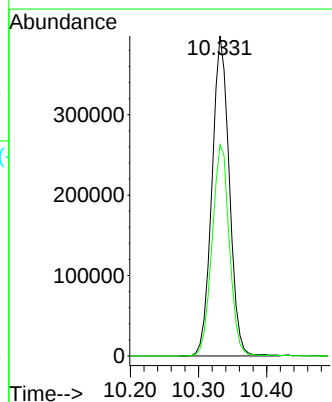
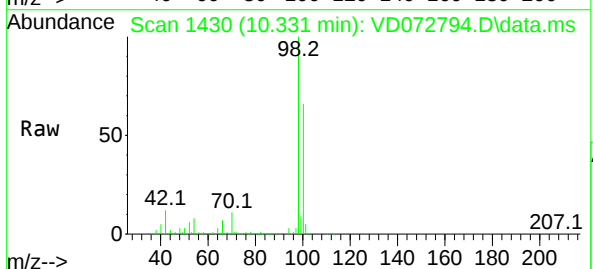
Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

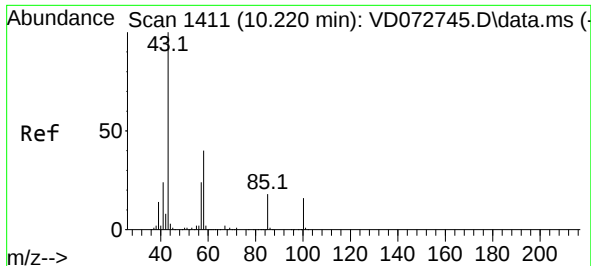
Tgt Ion:117 Resp: 33789
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 98 Resp: 703471
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

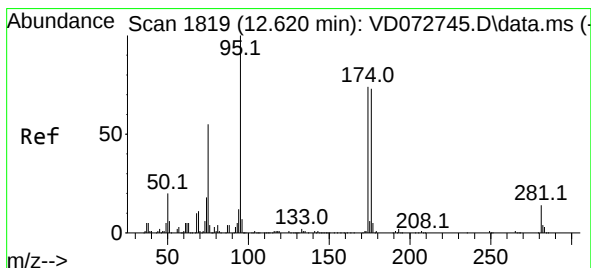
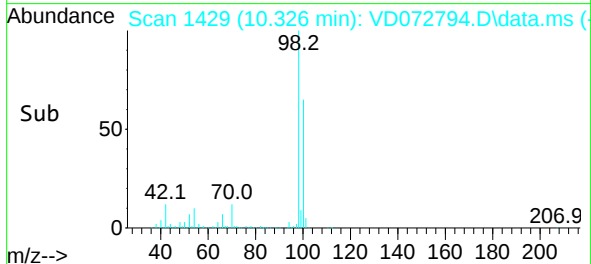
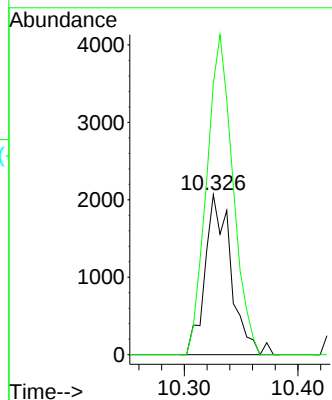
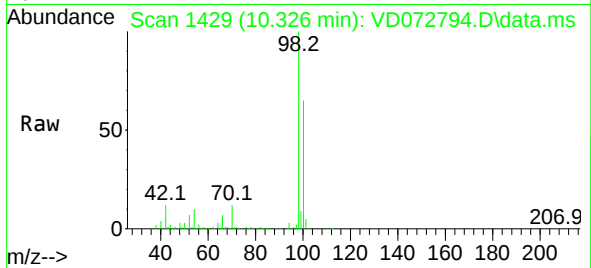




#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.326 min Scan# 1411
Delta R.T. 0.106 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

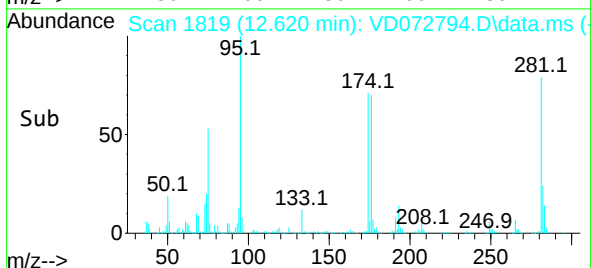
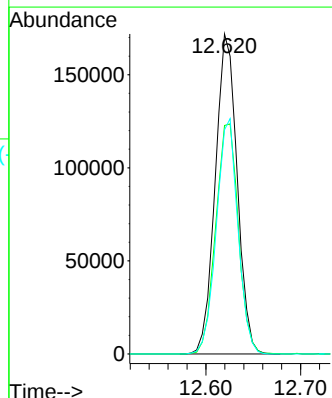
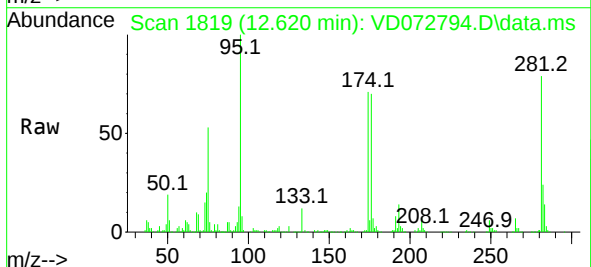
Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

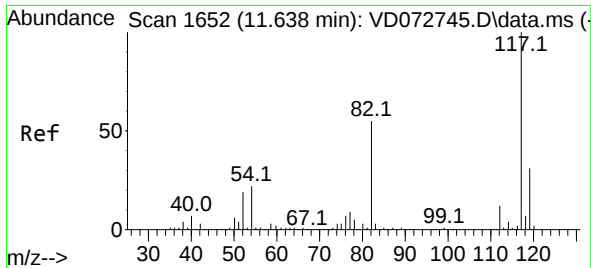
Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
58 201.8 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 51.825 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion: 95 Resp: 275887
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 72.3 0.0 145.4

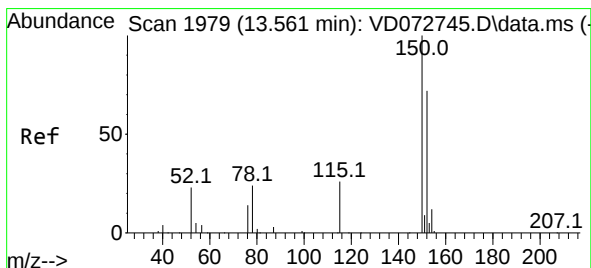
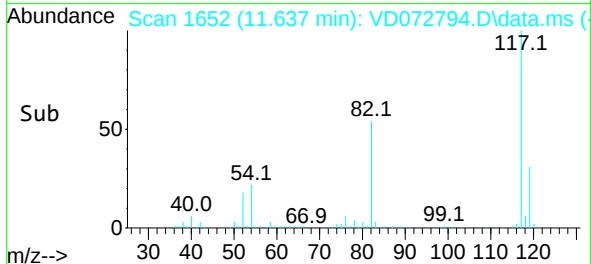
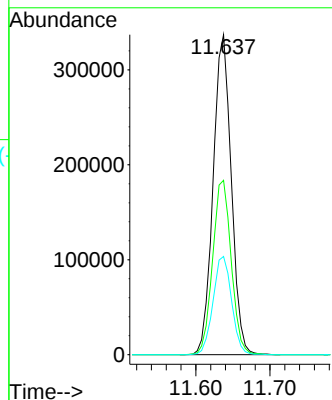
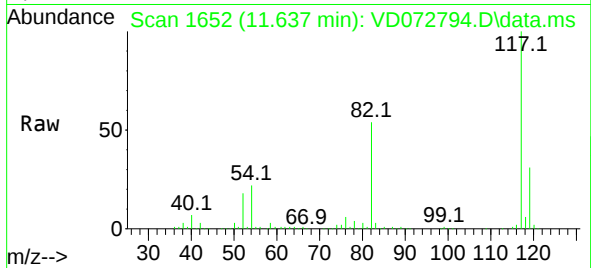




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.001 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

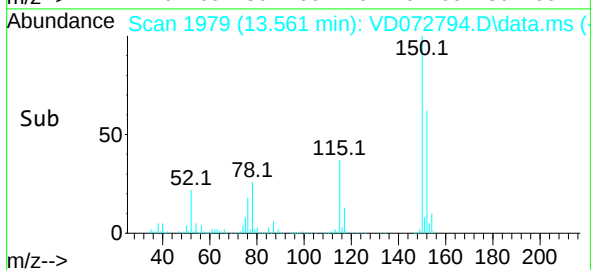
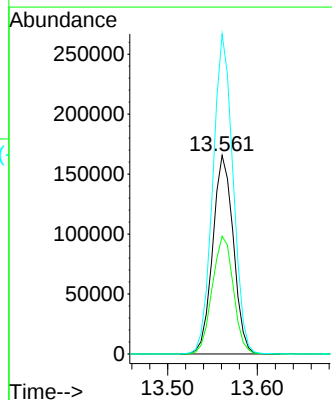
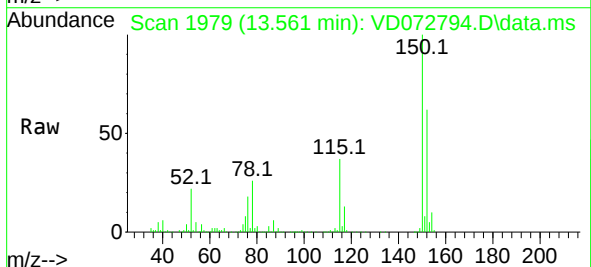
Instrument :
MSVOA_D
ClientSampleId :
SB-1,9

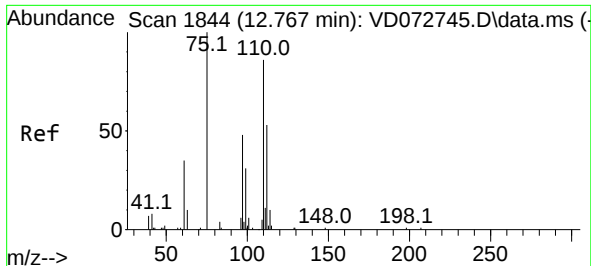
Tgt Ion:117 Resp: 573236
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 30.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072794.D
Acq: 04 May 2022 17:49

Tgt Ion:152 Resp: 264006
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.9 0.0 348.6

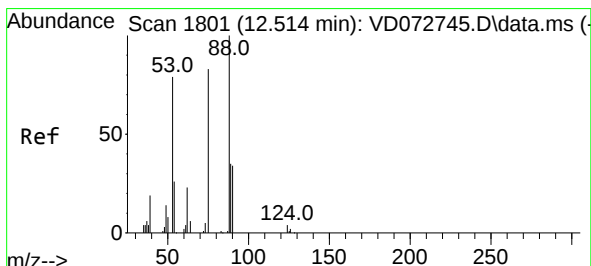
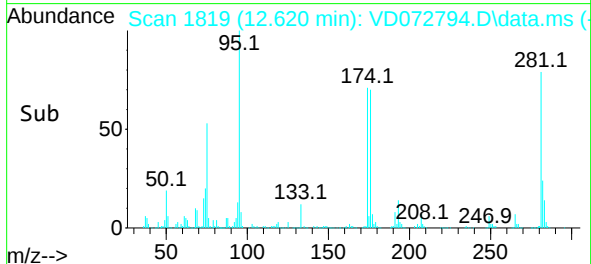
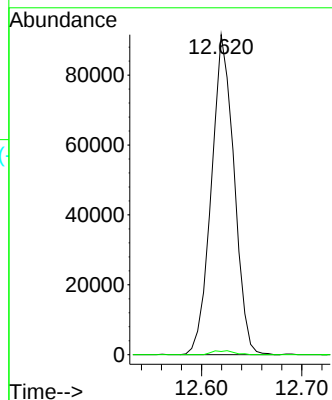
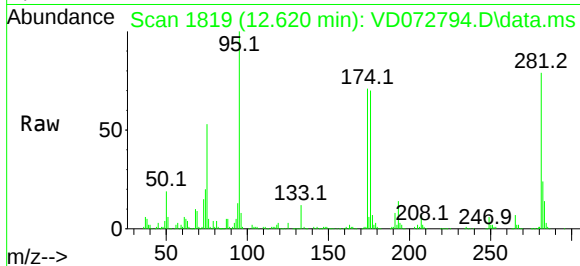




#76
 1,2,3-Trichloropropane
 Concen: 48.993 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072794.D
 Acq: 04 May 2022 17:49

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1,9

Tgt Ion: 75 Resp: 144227
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.664 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072794.D
 Acq: 04 May 2022 17:49

Tgt Ion: 75 Resp: 144227
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 1.4 33.9 50.9#

