

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073228.D
 Acq On : 21 May 2022 14:29
 Operator : VA/SY
 Sample : VD0521SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampleId :
 VD0521SBL01

Quant Time: May 22 01:31:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

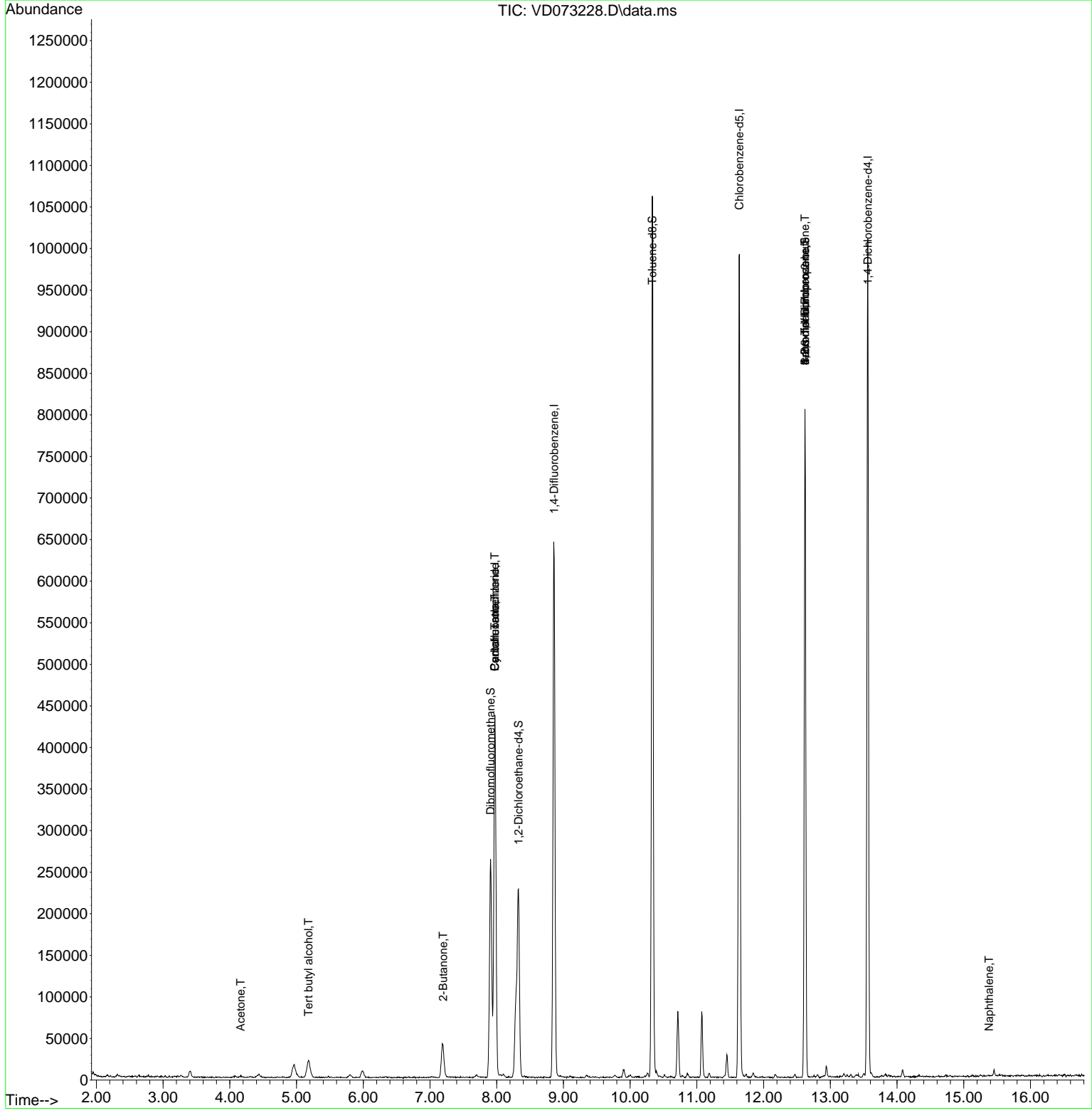
Internal Standards						
1) Pentafluorobenzene	7.973	168	314237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	556484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	580028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	172952	49.802	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	99.600%	
35) Dibromofluoromethane	7.908	113	188538	51.344	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.680%	
50) Toluene-d8	10.332	98	692253	51.141	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	102.280%	
62) 4-Bromofluorobenzene	12.620	95	250661	52.767	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	105.540%	
Target Compounds						
						Qvalue
5) Bromomethane	2.773	94	800	Below Cal		93
11) Tert butyl alcohol	5.179	59	18034	33.471	ug/l #	74
16) Acetone	4.162	43	2553	4.244	ug/l #	82
20) Methylene Chloride	4.956	84	11713	Below Cal	#	79
25) 2-Butanone	7.197	43	2926	3.325	ug/l #	52
31) Cyclohexane	7.973	56	7351	1.211	ug/l #	1
38) Carbon Tetrachloride	7.973	117	31934	5.704	ug/l #	17
71) Bromoform	12.620	173	2306	1.015	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	127823	49.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	127823	118.446	ug/l #	7
95) Naphthalene	15.379	128	820	3.630	ug/l #	79

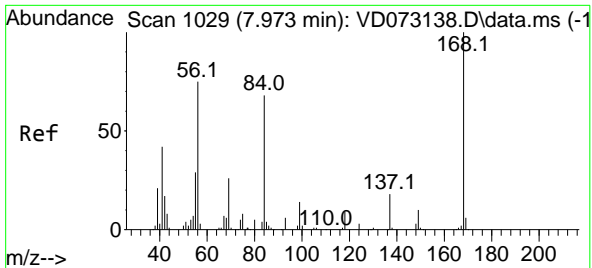
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

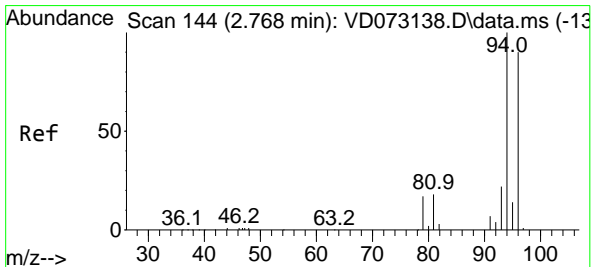
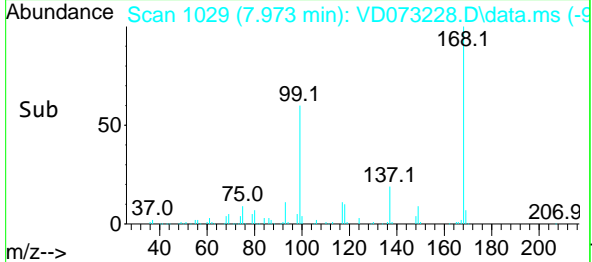
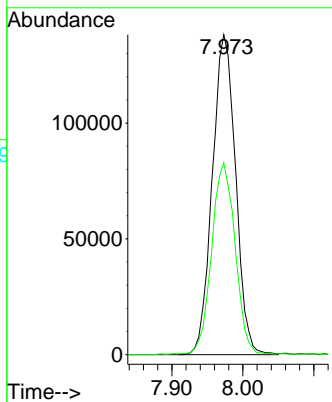
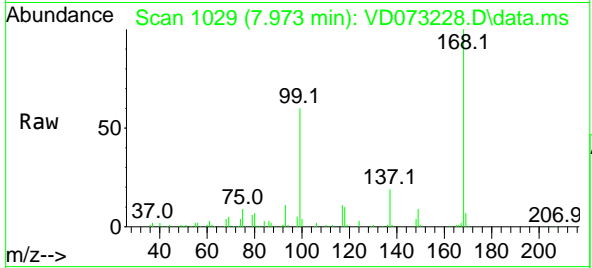




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 10
 Delta R.T. 0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

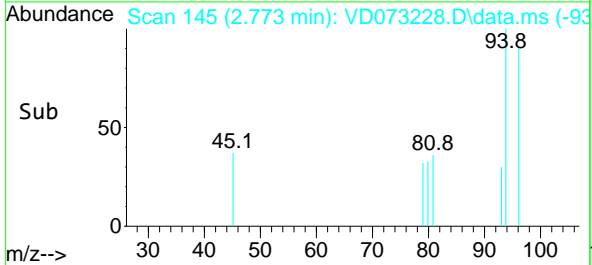
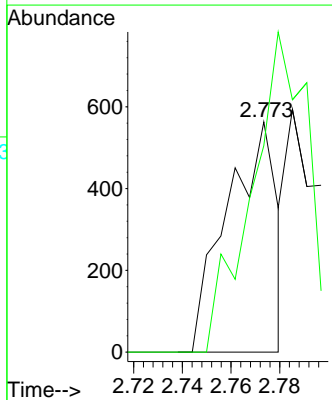
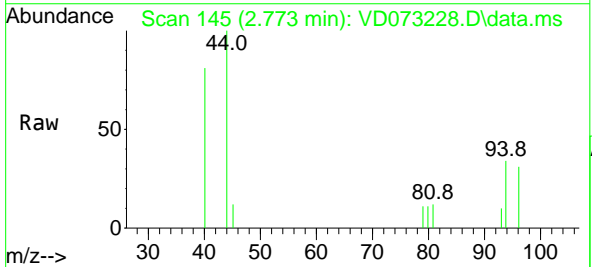
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL01

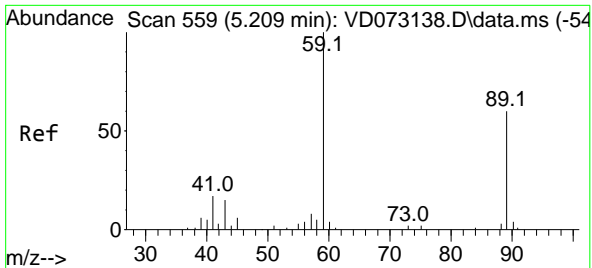
Tgt Ion:168 Resp: 314237
 Ion Ratio Lower Upper
 168 100
 99 59.7 49.8 74.6



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.773 min Scan# 145
 Delta R.T. 0.005 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

Tgt Ion: 94 Resp: 800
 Ion Ratio Lower Upper
 94 100
 96 89.7 77.6 116.4

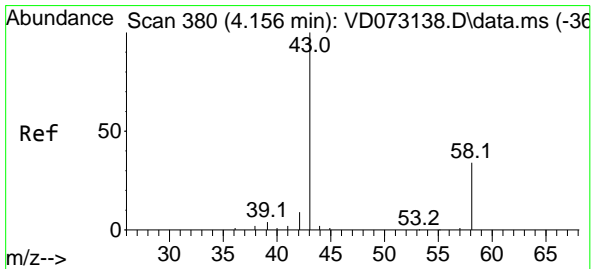
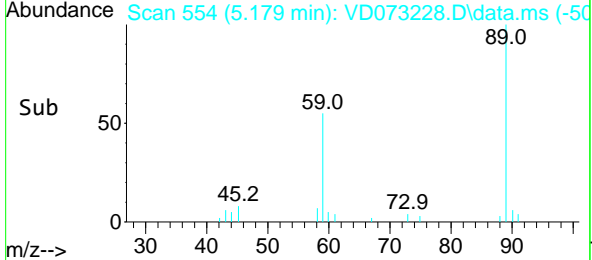
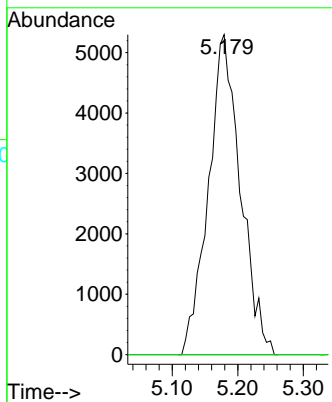
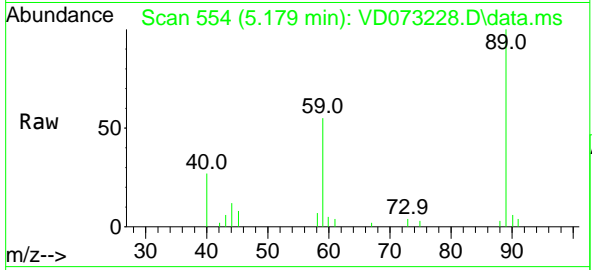




#11
 Tert butyl alcohol
 Concen: 33.471 ug/l
 RT: 5.179 min Scan# 51
 Delta R.T. -0.030 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

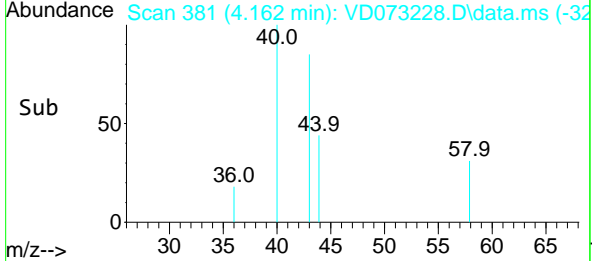
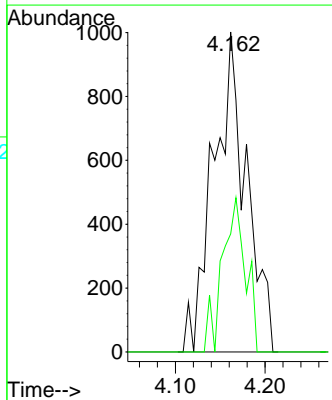
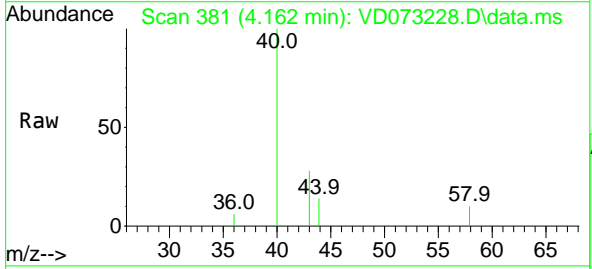
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01

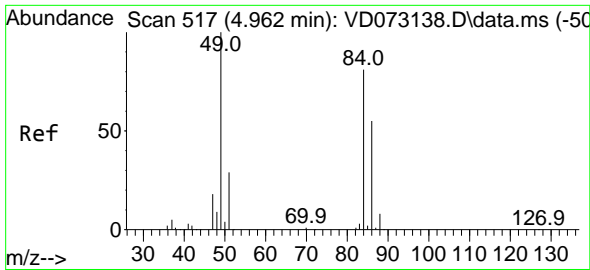
Tgt Ion: 59 Resp: 18034
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#



#16
 Acetone
 Concen: 4.244 ug/l
 RT: 4.162 min Scan# 381
 Delta R.T. 0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

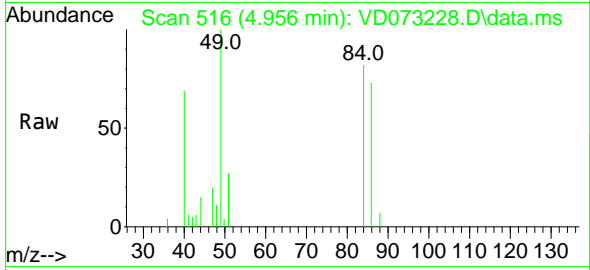
Tgt Ion: 43 Resp: 2553
 Ion Ratio Lower Upper
 43 100
 58 36.9 22.1 33.1#



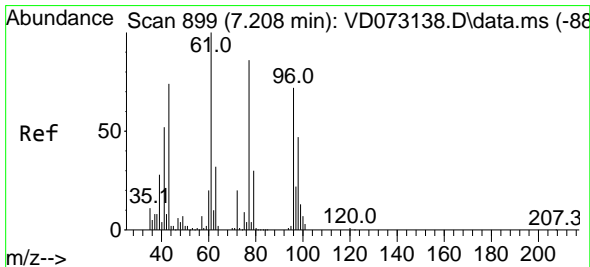
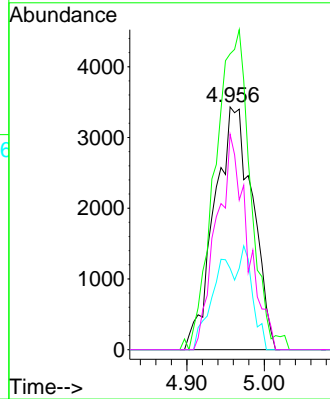
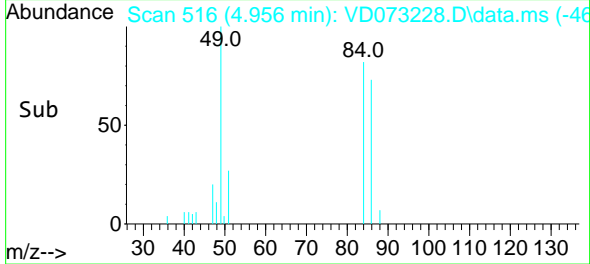


#20
 Methylene Chloride
 Concen: Below Cal
 RT: 4.956 min Scan# 517
 Delta R.T. -0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

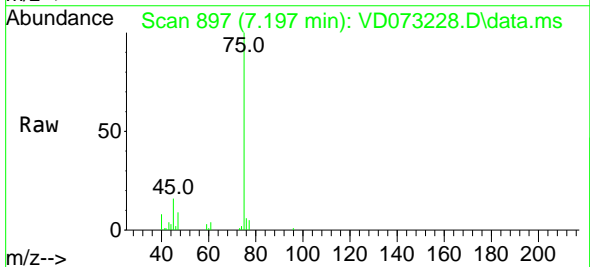
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01



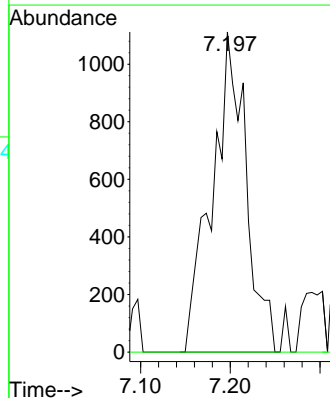
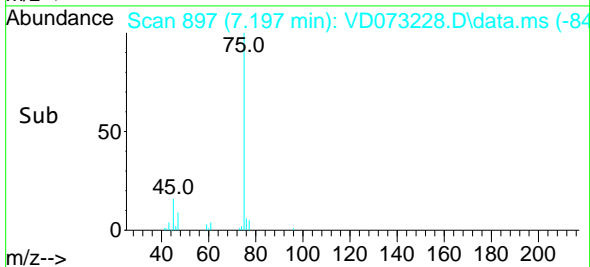
Tgt Ion: 84 Resp: 11713
 Ion Ratio Lower Upper
 84 100
 49 121.9 112.8 169.2
 51 33.5 32.6 48.8
 86 88.7 47.9 71.9#

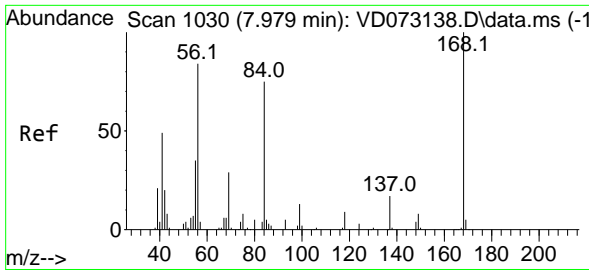


#25
 2-Butanone
 Concen: 3.325 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29



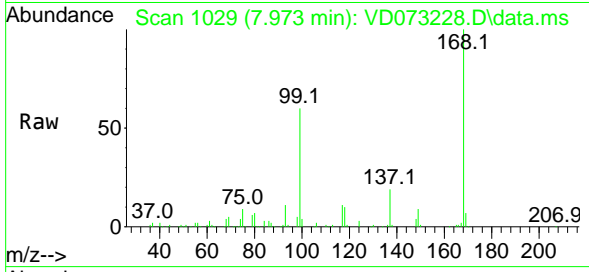
Tgt Ion: 43 Resp: 2926
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#



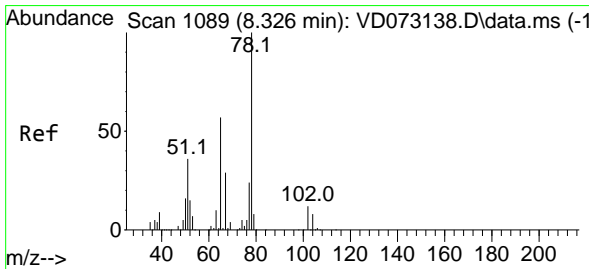
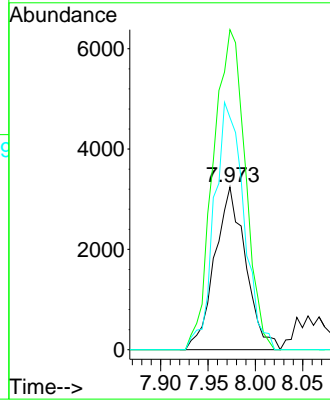
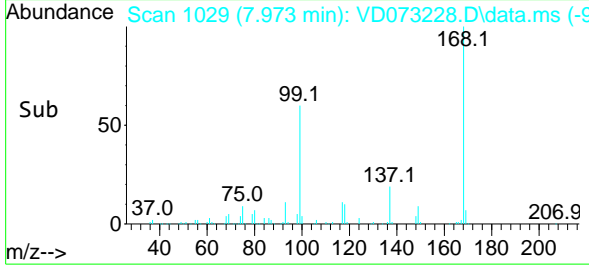


#31
 Cyclohexane
 Concen: 1.211 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

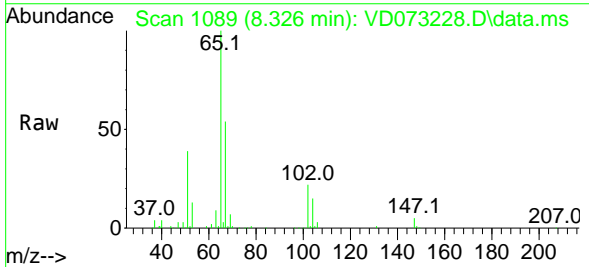
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01



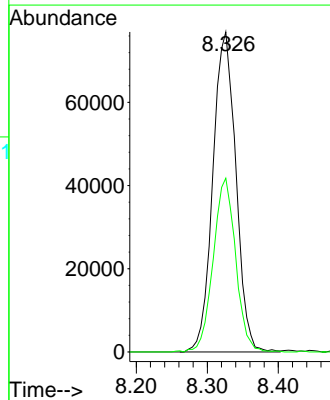
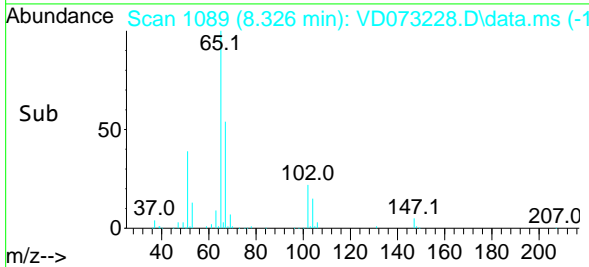
Tgt Ion: 56 Resp: 7351
 Ion Ratio Lower Upper
 56 100
 69 196.8 25.4 38.2#
 84 142.8 63.0 94.4#

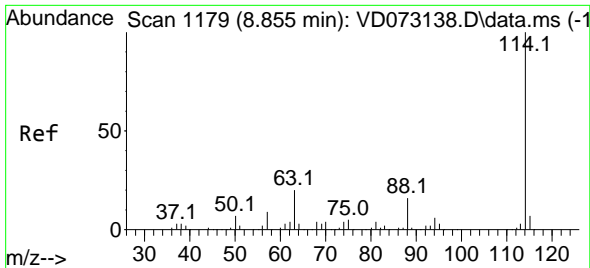


#33
 1,2-Dichloroethane-d4
 Concen: 49.802 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29



Tgt Ion: 65 Resp: 172952
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 101.4

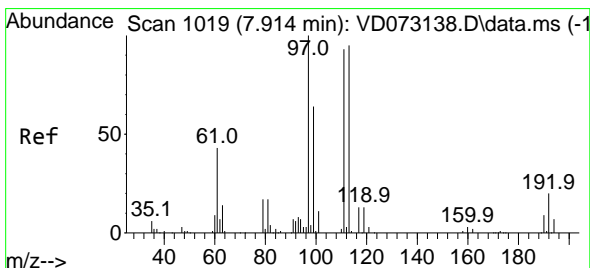
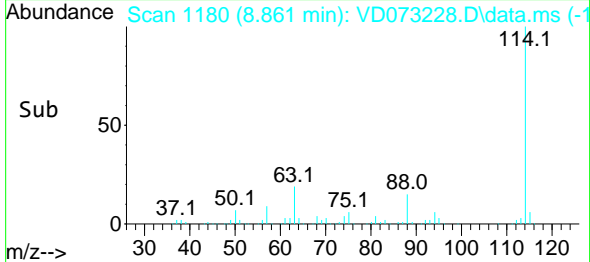
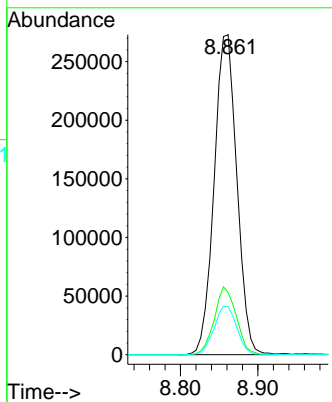
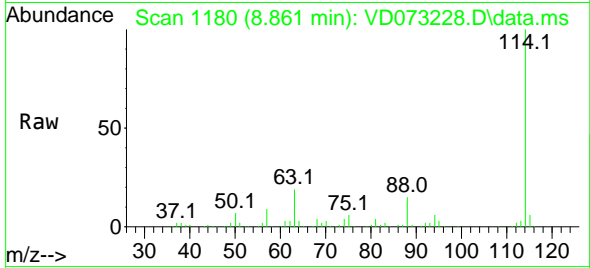




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.861 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

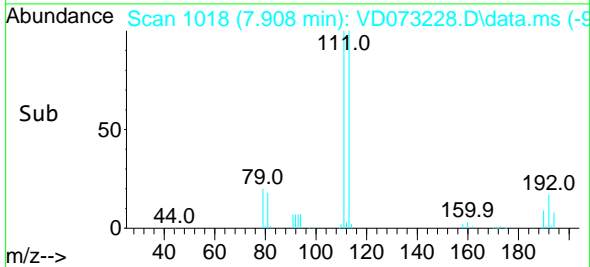
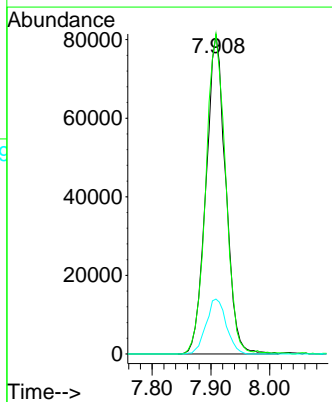
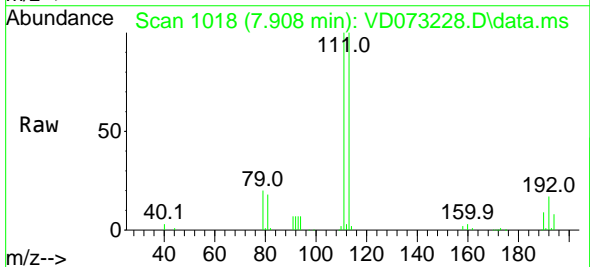
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01

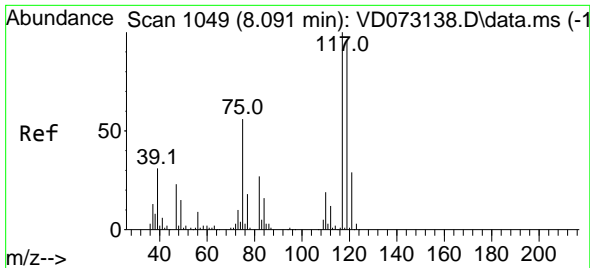
Tgt Ion	Resp	Lower	Upper
114	100		
63	19.5	0.0	46.6
88	15.0	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 51.344 ug/l
 RT: 7.908 min Scan# 1018
 Delta R.T. -0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

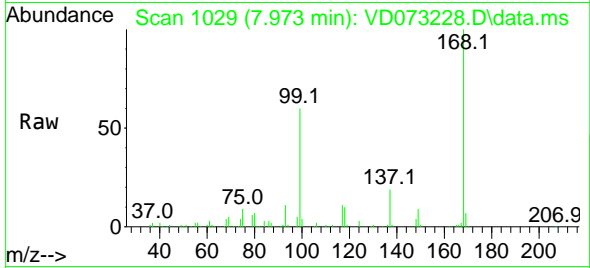
Tgt Ion	Resp	Lower	Upper
113	100		
111	101.4	83.8	125.6
192	17.7	14.6	21.8



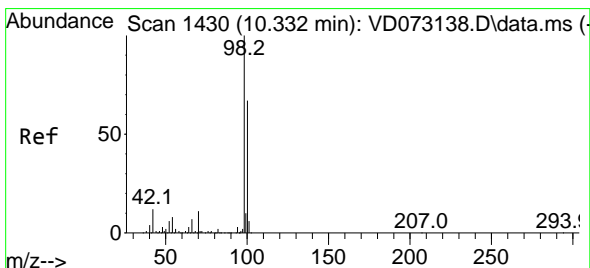
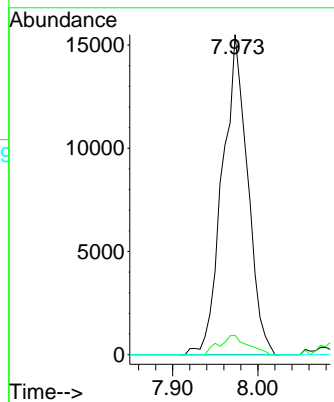
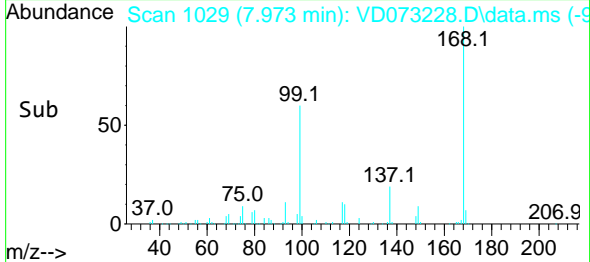


#38
 Carbon Tetrachloride
 Concen: 5.704 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.118 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

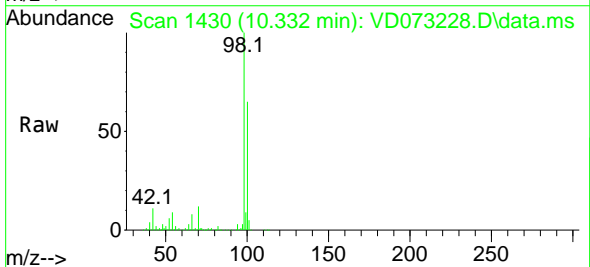
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01



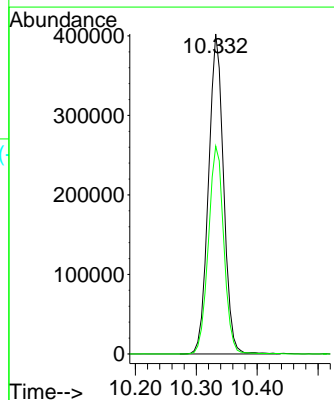
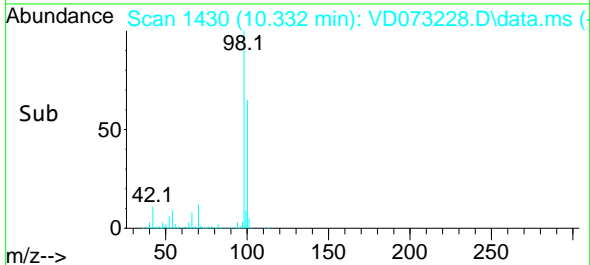
Tgt Ion:117 Resp: 31934
 Ion Ratio Lower Upper
 117 100
 119 6.1 75.8 113.6#
 121 0.0 24.5 36.7#

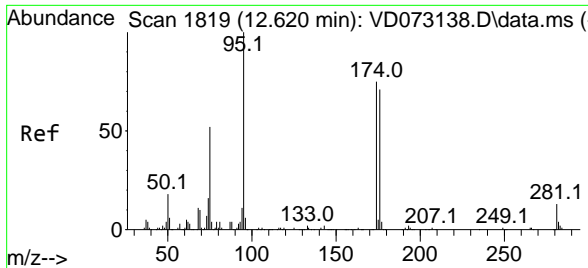


#50
 Toluene-d8
 Concen: 51.141 ug/l
 RT: 10.332 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29



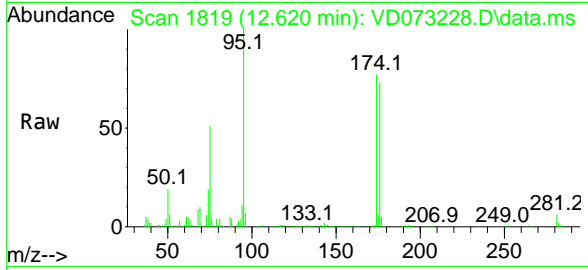
Tgt Ion: 98 Resp: 692253
 Ion Ratio Lower Upper
 98 100
 100 66.4 52.4 78.6





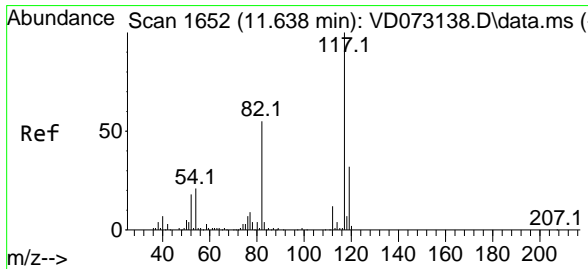
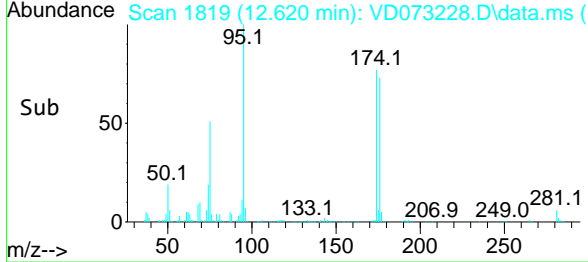
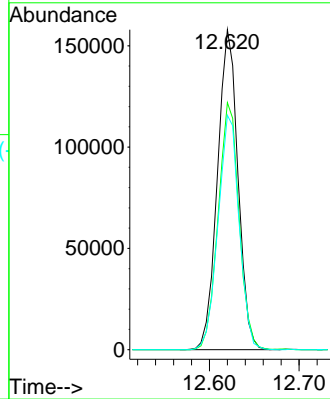
#62
 4-Bromofluorobenzene
 Concen: 52.767 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01



Tgt Ion: 95 Resp: 250661

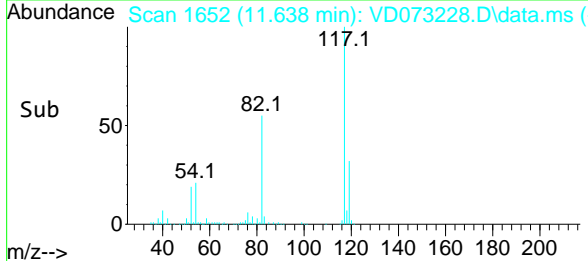
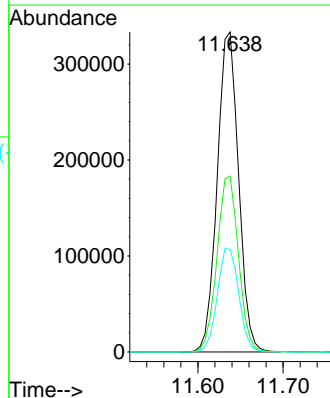
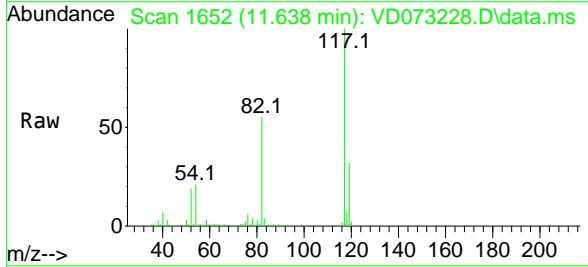
Ion	Ratio	Lower	Upper
95	100		
174	78.4	0.0	152.8
176	75.0	0.0	145.4

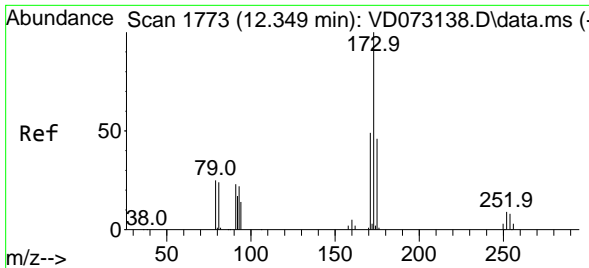


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.638 min Scan# 1652
 Delta R.T. -0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

Tgt Ion: 117 Resp: 580028

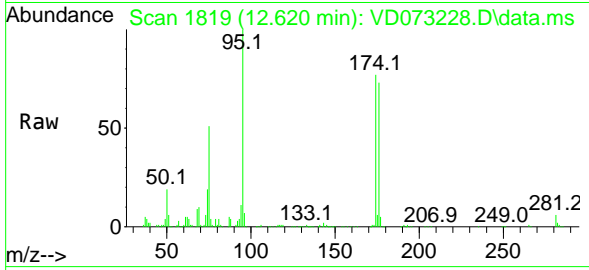
Ion	Ratio	Lower	Upper
117	100		
82	54.9	45.3	67.9
119	32.1	26.6	40.0



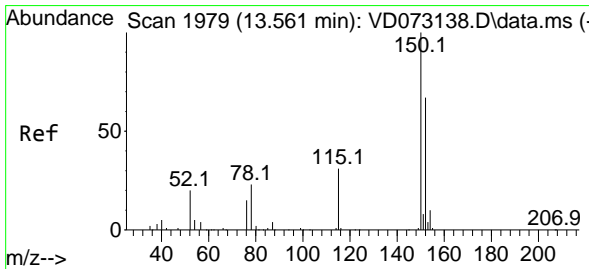
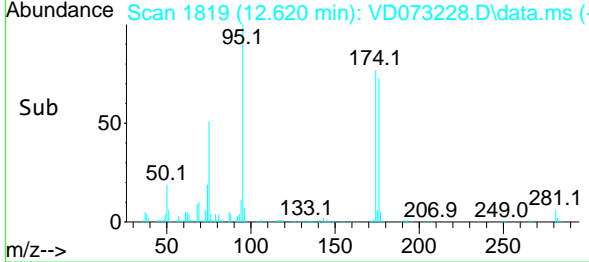
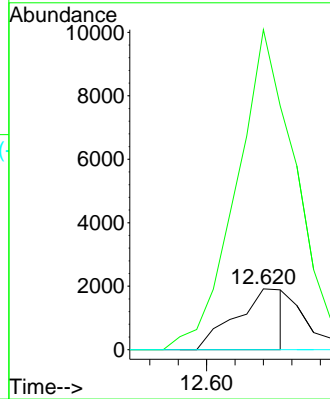


#71
 Bromoform
 Concen: 1.015 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.271 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

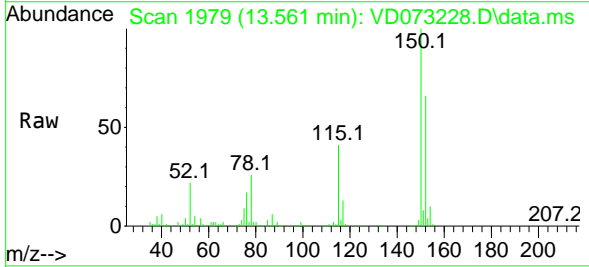
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01



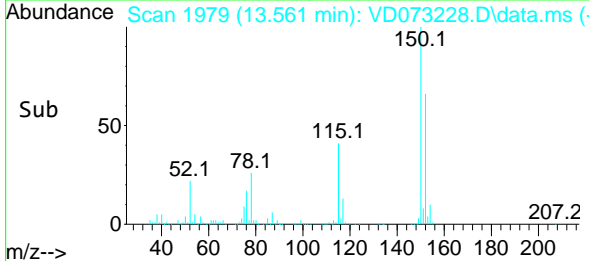
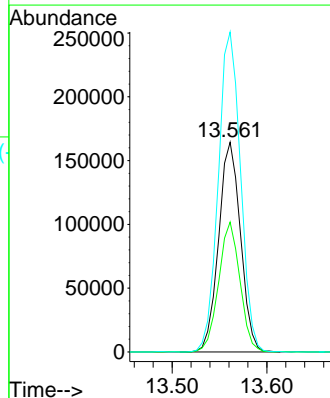
Tgt Ion:173 Resp: 2306
 Ion Ratio Lower Upper
 173 100
 175 485.6 23.9 71.8#
 254 0.0 0.0 0.0

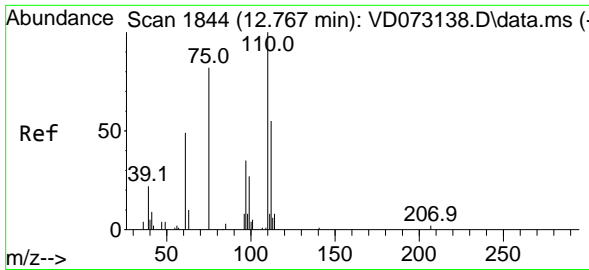


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29



Tgt Ion:152 Resp: 264047
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.3 93.8
 150 155.0 0.0 348.6

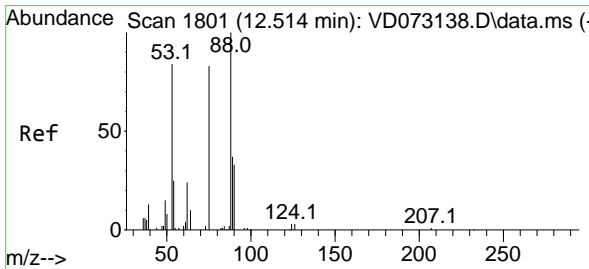
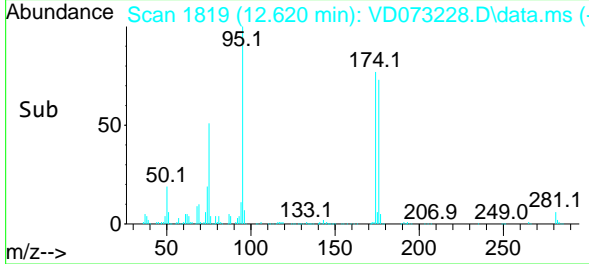
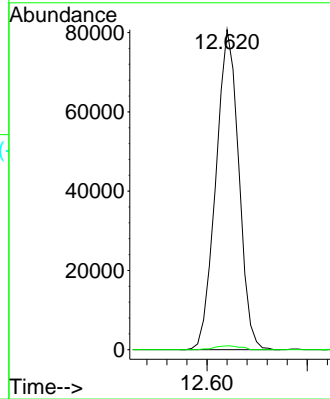
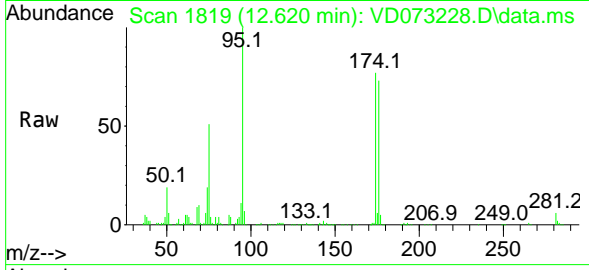




#76
 1,2,3-Trichloropropane
 Concen: 49.338 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

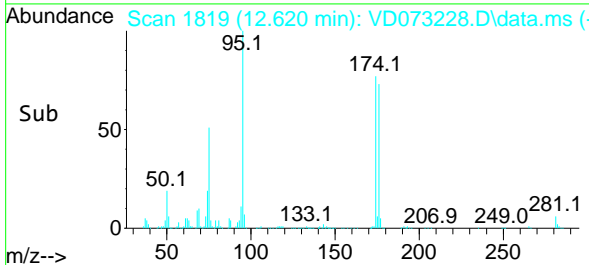
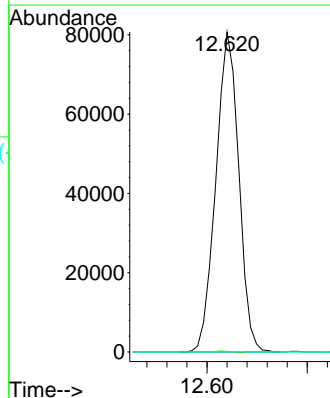
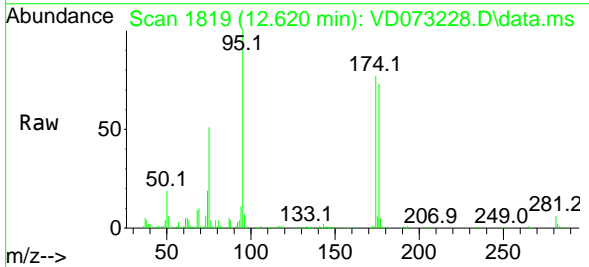
Instrument : MSVOA_D
 ClientSampleId : VD0521SBL01

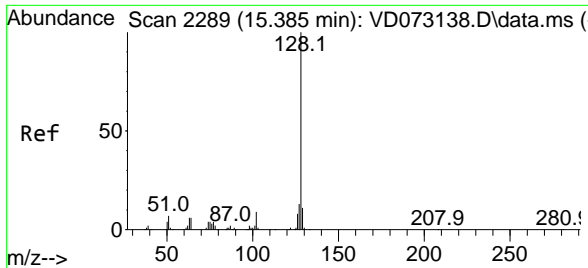
Tgt Ion: 75 Resp: 127823
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.446 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

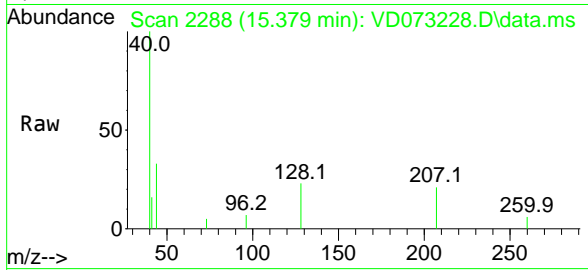
Tgt Ion: 75 Resp: 127823
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.630 ug/l
 RT: 15.379 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073228.D
 Acq: 21 May 2022 14:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL01



Tgt Ion:128 Resp: 820

Ion	Ratio	Lower	Upper
128	100		
127	6.7	10.3	15.5#
129	0.0	8.4	12.6#

