

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101921\
 Data File : VD070748.D
 Acq On : 19 Oct 2021 10:14
 Operator : VA/SY
 Sample : VD1019SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1019SBL01

Quant Time: Oct 20 04:38:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

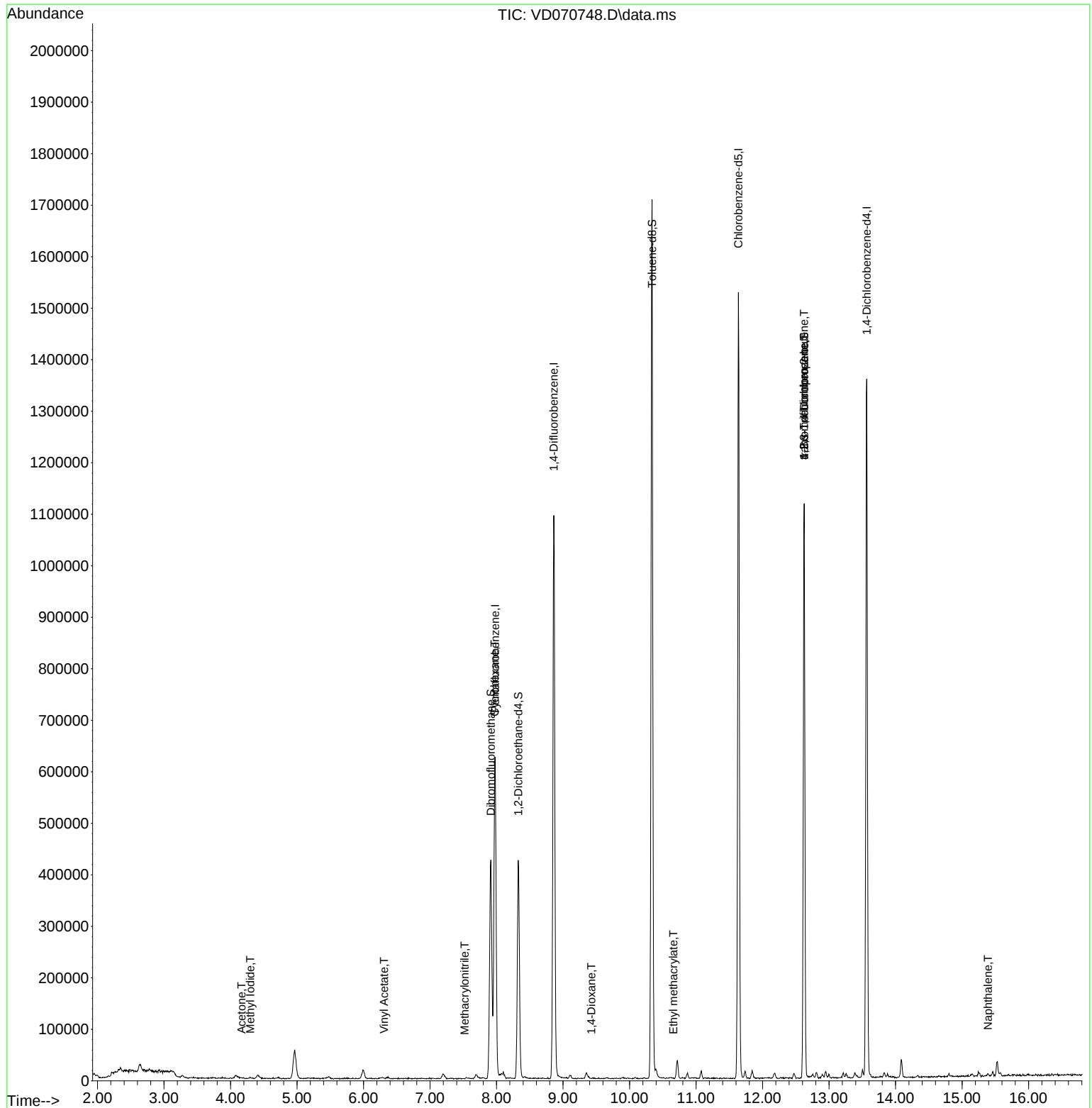
Internal Standards						
1) Pentafluorobenzene	7.979	168	444668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	878954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	832915	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	354394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	328267	62.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.660%	
35) Dibromofluoromethane	7.914	113	301582	53.586	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.180%	
50) Toluene-d8	10.338	98	1129752	52.366	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.626	95	368567	49.615	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.220%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	1018	3.491	ug/l #	88
16) Acetone	4.167	43	2516	1.981	ug/l #	76
20) Methylene Chloride	4.961	84	40131	Below Cal	#	85
23) Vinyl Acetate	6.308	43	960	16.424	ug/l #	69
31) Cyclohexane	7.973	56	14133	1.326	ug/l #	1
41) Methacrylonitrile	7.520	41	57	1.965	ug/l #	1
49) 1,4-Dioxane	9.426	88	69	1.801	ug/l #	13
56) Ethyl methacrylate	10.661	69	260	4.191	ug/l #	85
76) 1,2,3-Trichloropropane	12.626	75	186763	60.997	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	186763	133.603	ug/l #	18
95) Naphthalene	15.390	128	3556	5.073	ug/l #	93

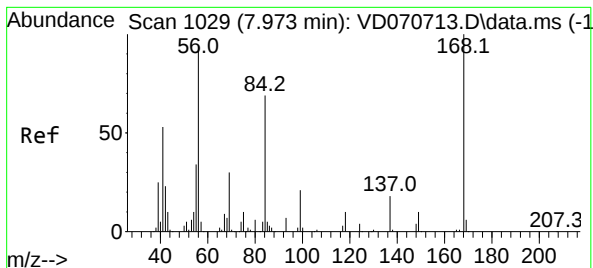
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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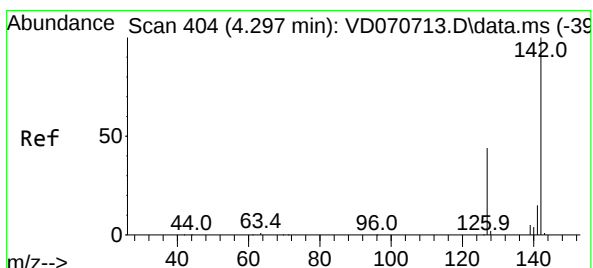
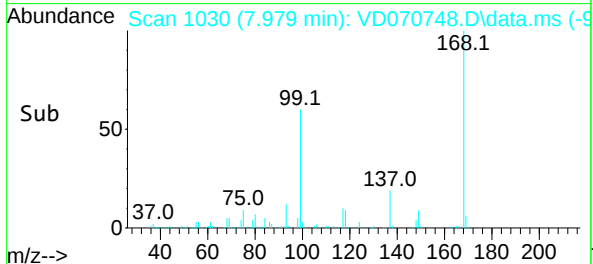
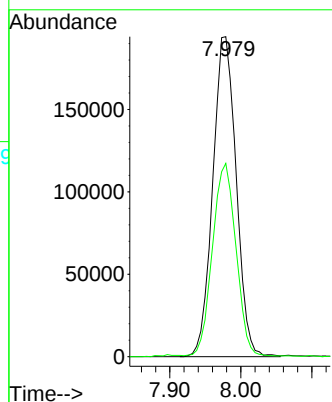
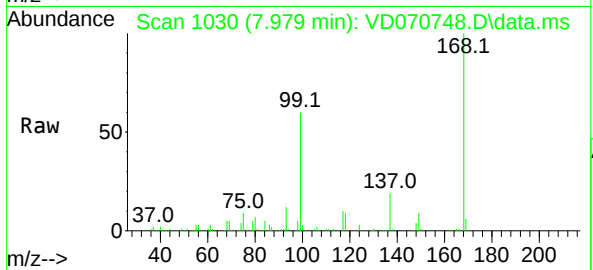




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

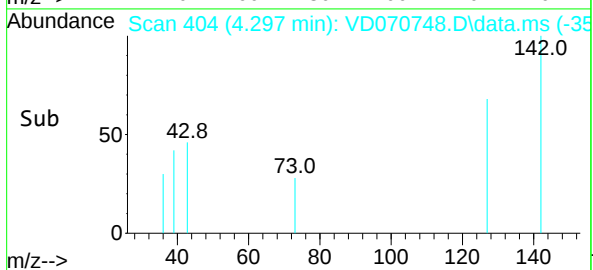
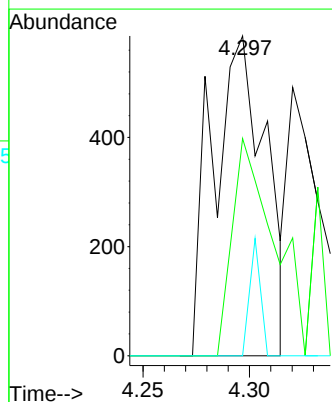
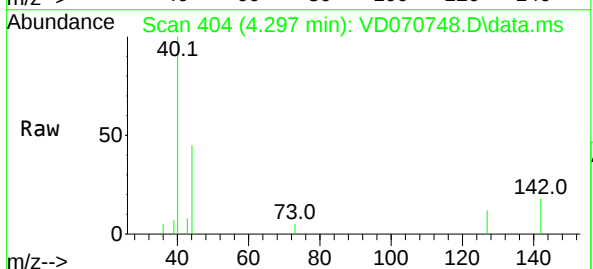
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

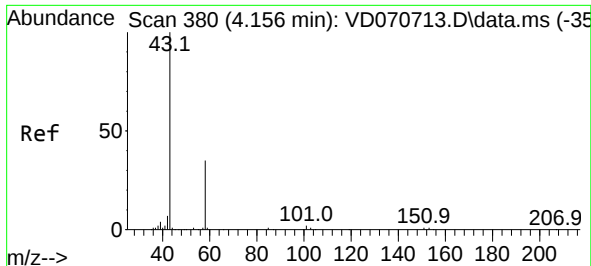
Tgt Ion:168 Resp: 444668
Ion Ratio Lower Upper
168 100
99 60.1 51.4 77.0



#10
Methyl Iodide
Concen: 3.491 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion:142 Resp: 1018
Ion Ratio Lower Upper
142 100
127 53.4 37.5 56.3
141 7.5 12.1 18.1#

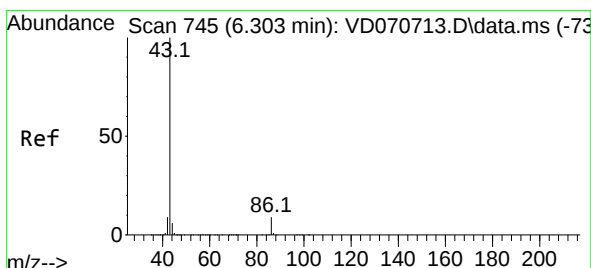
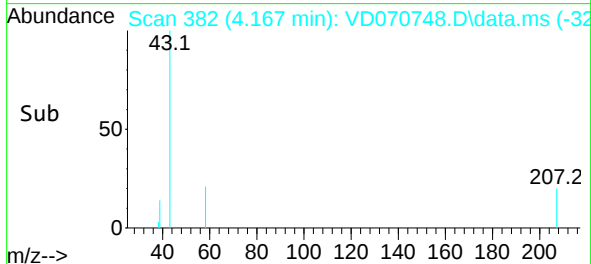
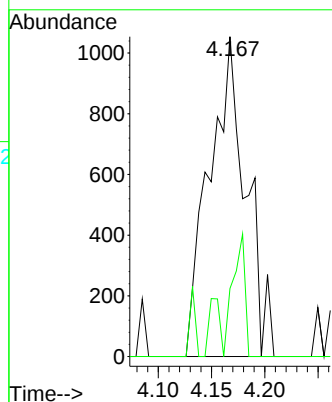
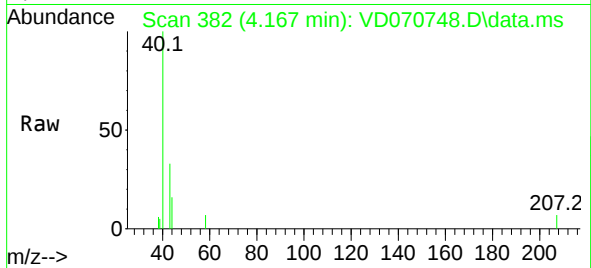




#16
Acetone
Concen: 1.981 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

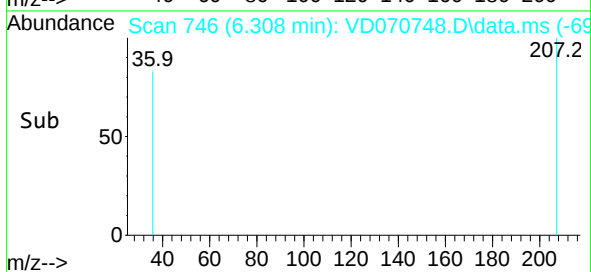
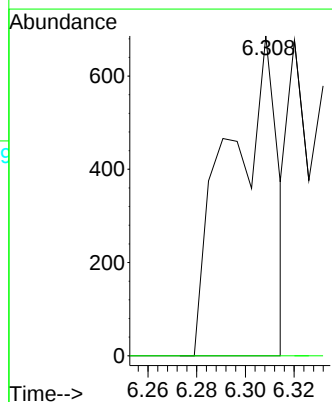
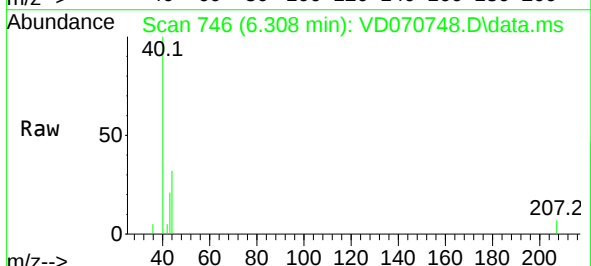
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

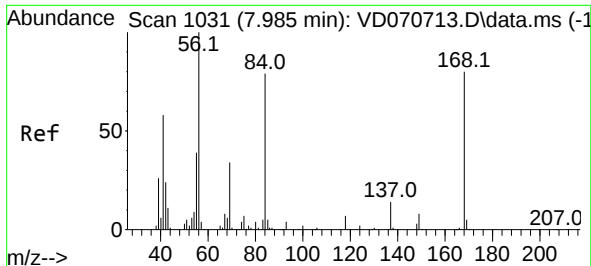
Tgt Ion: 43 Resp: 2516
Ion Ratio Lower Upper
43 100
58 21.3 28.2 42.2#



#23
Vinyl Acetate
Concen: 16.424 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

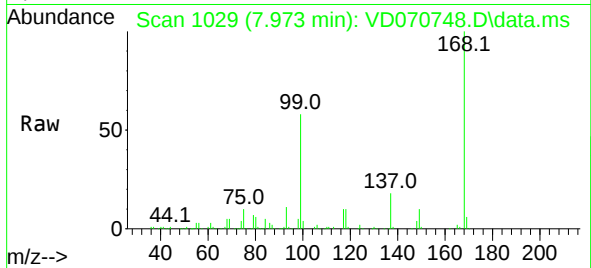
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
86 0.0 9.8 14.6#



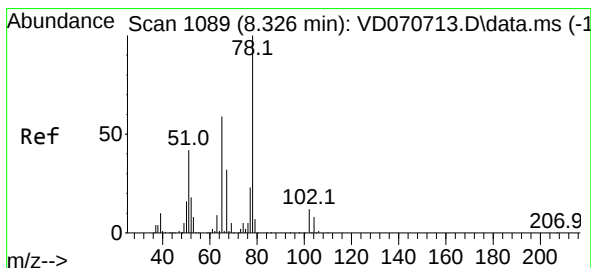
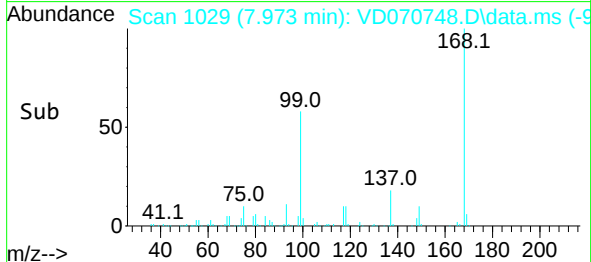
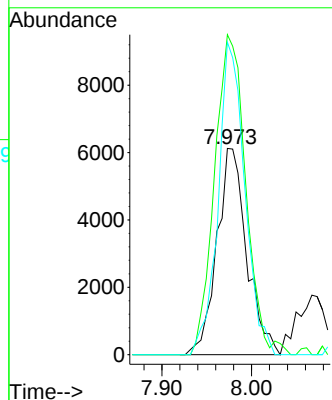


#31
Cyclohexane
Concen: 1.326 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

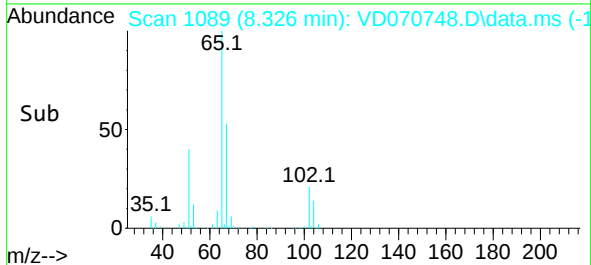
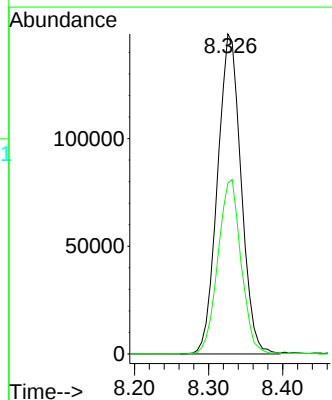
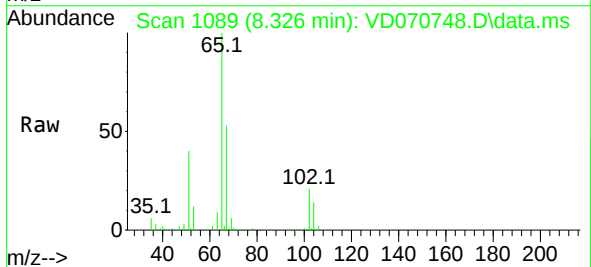


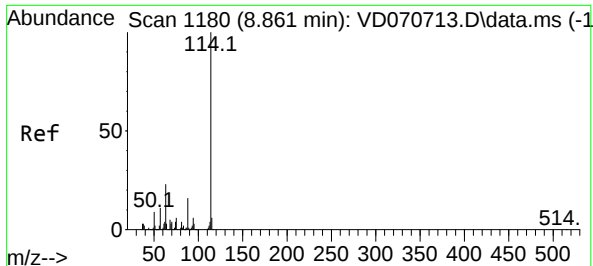
Tgt Ion: 56 Resp: 14133
Ion Ratio Lower Upper
56 100
69 155.2 27.4 41.2#
84 151.5 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 62.328 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 65 Resp: 328267
Ion Ratio Lower Upper
65 100
67 53.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070748.D

Acq: 19 Oct 2021 10:14

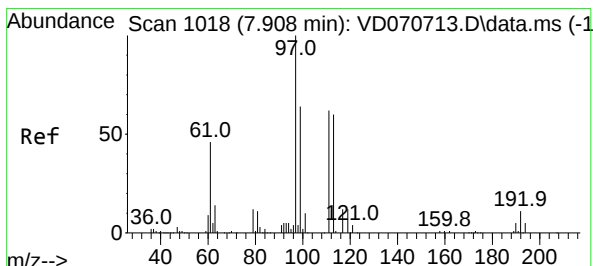
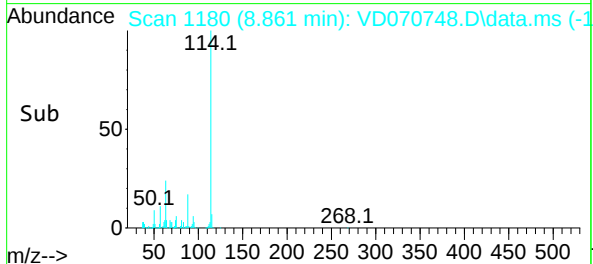
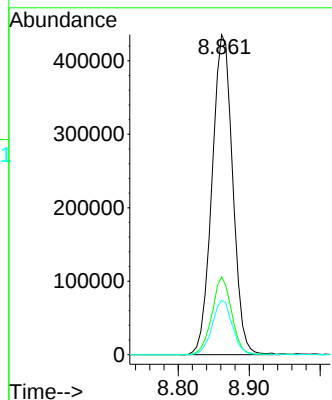
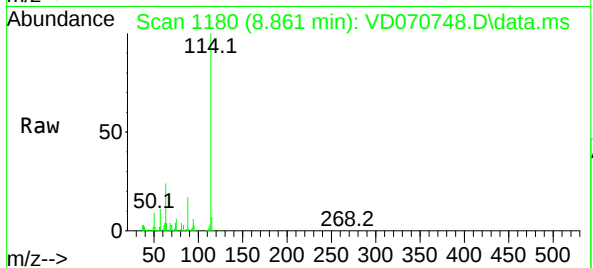
Tgt Ion:114 Resp: 878954

Ion Ratio Lower Upper

114 100

63 24.4 0.0 41.8

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.586 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070748.D

Acq: 19 Oct 2021 10:14

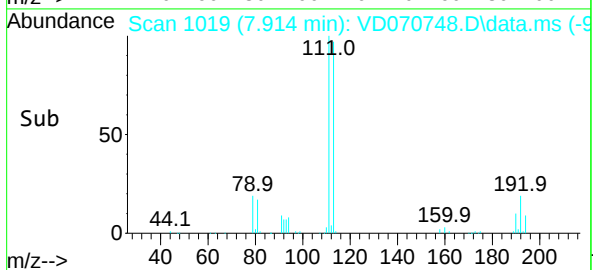
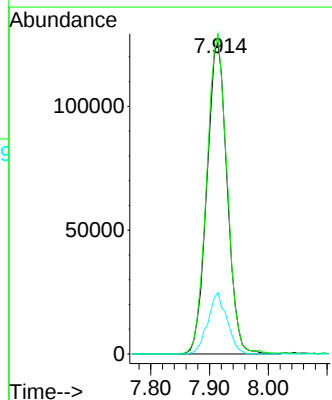
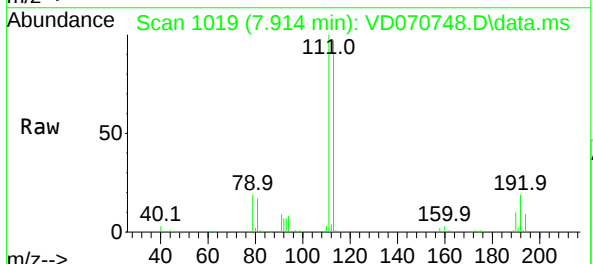
Tgt Ion:113 Resp: 301582

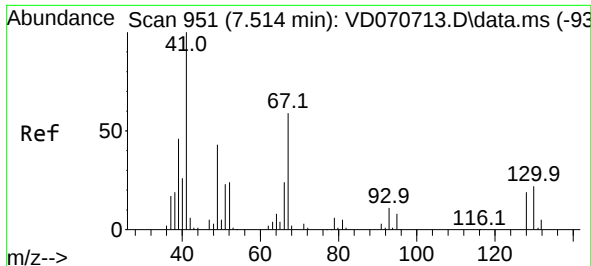
Ion Ratio Lower Upper

113 100

111 102.9 83.1 124.7

192 18.6 12.7 19.1

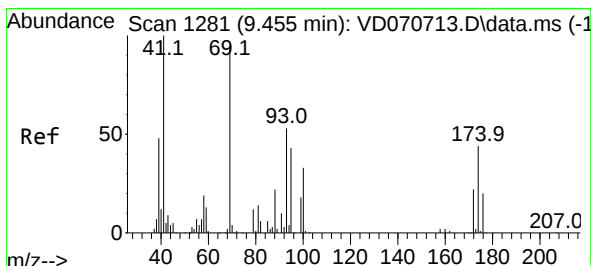
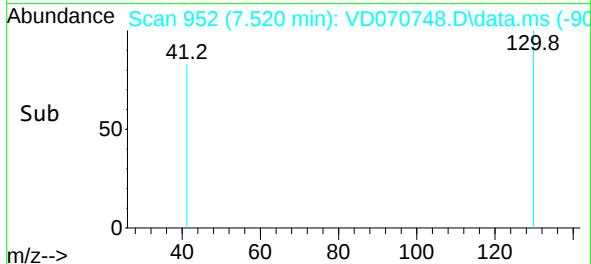
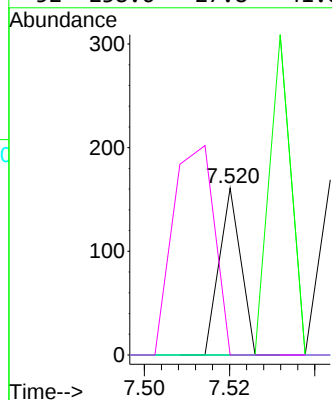
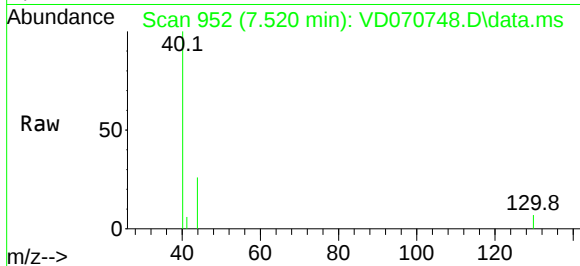




#41
Methacrylonitrile
Concen: 1.965 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

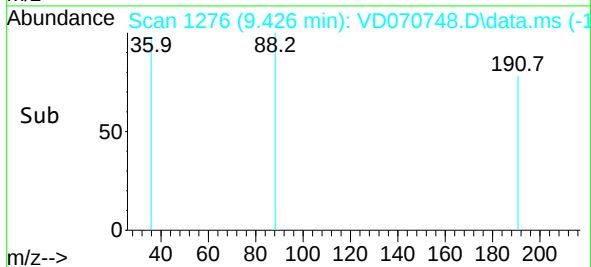
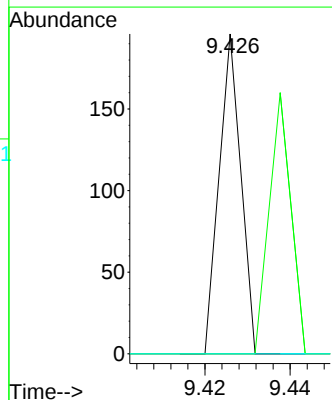
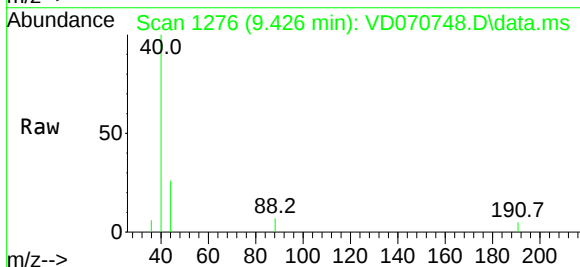
Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

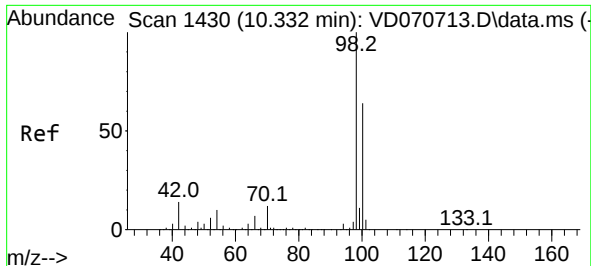
Tgt Ion:	41	Resp:	57
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	238.6	27.8	41.8#



#49
1,4-Dioxane
Concen: 1.801 ug/l
RT: 9.426 min Scan# 1276
Delta R.T. -0.029 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion:	88	Resp:	69
Ion	Ratio	Lower	Upper
88	100		
43	81.2	25.1	37.7#
58	0.0	57.4	86.0#

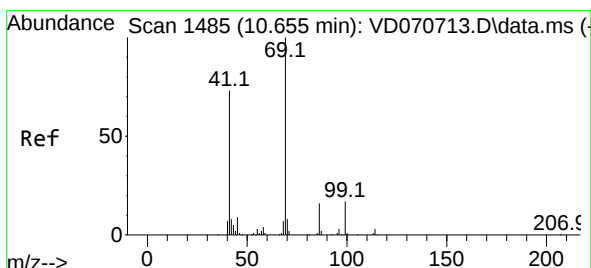
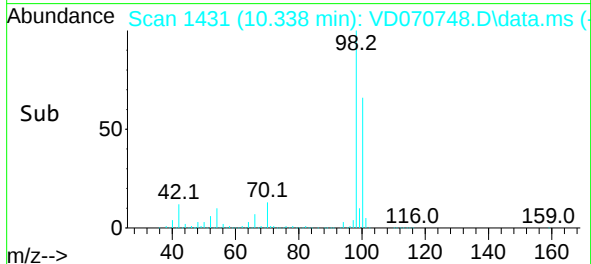
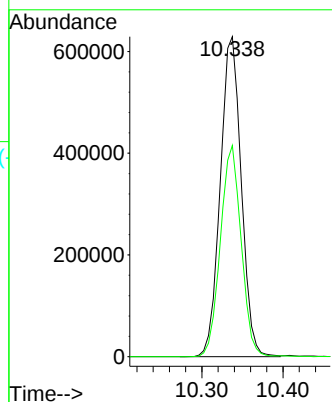
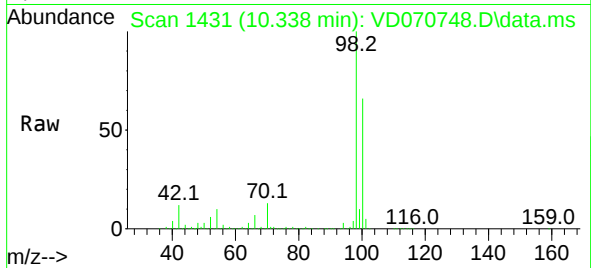




#50
Toluene-d8
Concen: 52.366 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

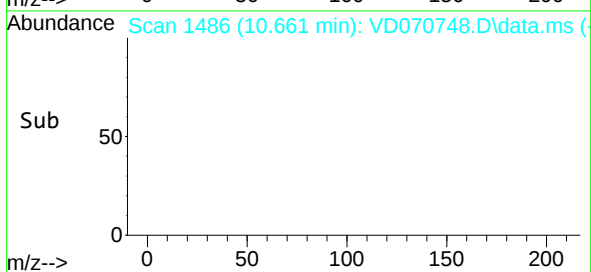
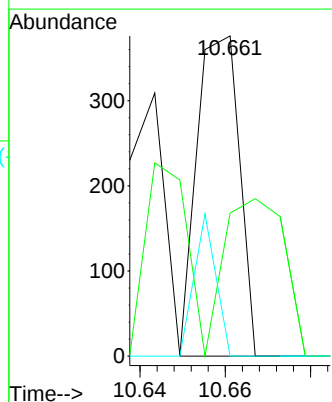
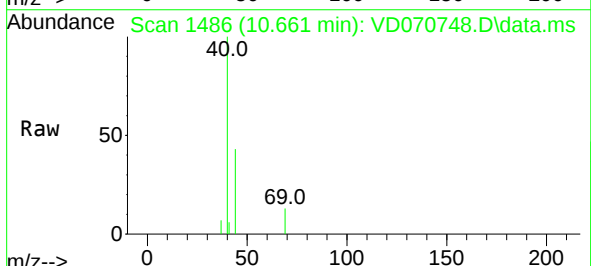
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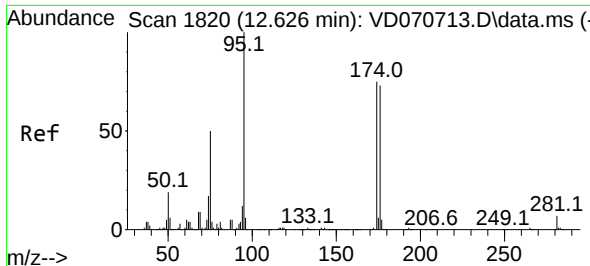
Tgt Ion: 98 Resp: 1129752
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.191 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 69 Resp: 260
Ion Ratio Lower Upper
69 100
41 70.0 44.7 67.1#
39 22.7 19.5 29.3

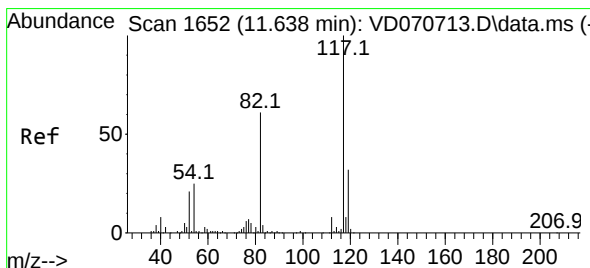
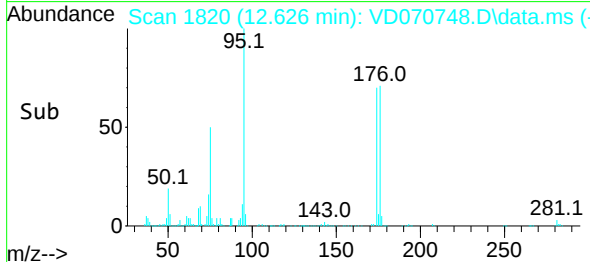
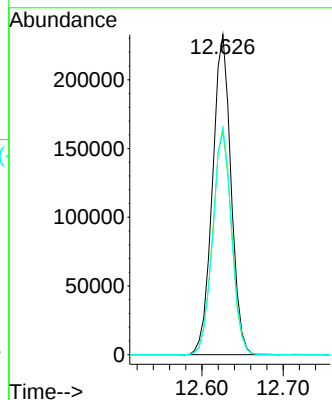
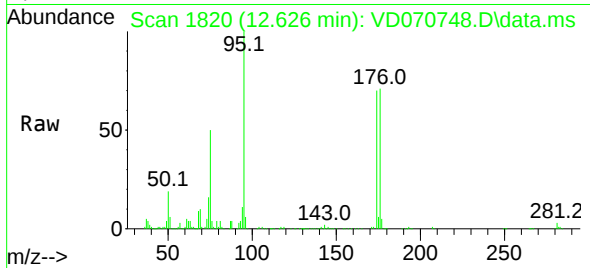




#62
4-Bromofluorobenzene
Concen: 49.615 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

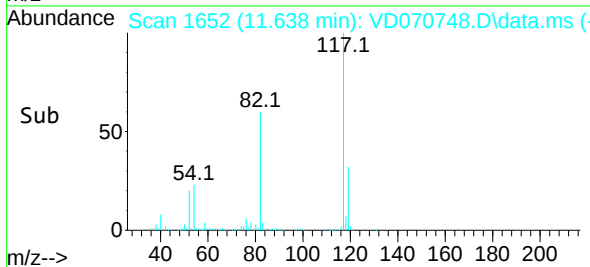
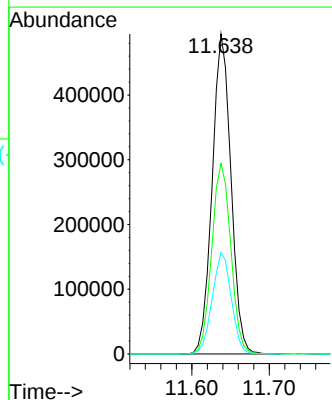
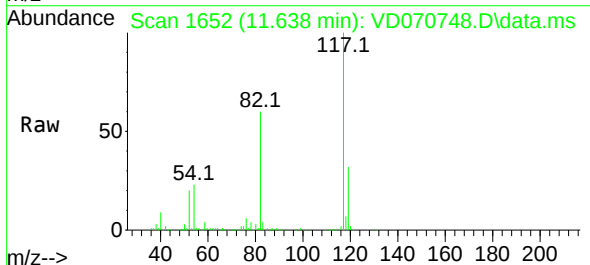
Instrument :
MSVOA_D
ClientSampleId :
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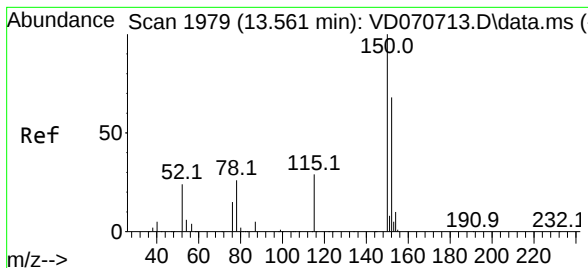
Tgt Ion: 95 Resp: 368567
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.0
176 71.8 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 117 Resp: 832915
Ion Ratio Lower Upper
117 100
82 59.5 45.4 68.2
119 31.7 24.7 37.1

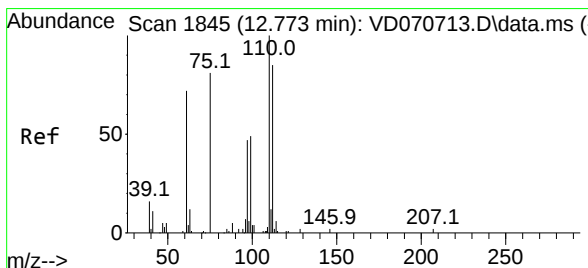
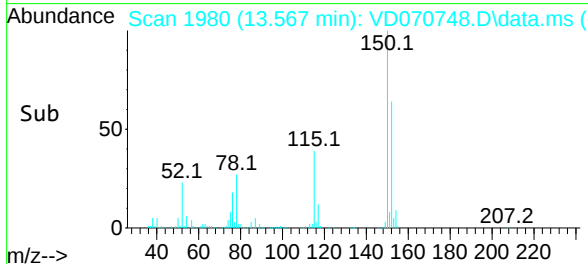
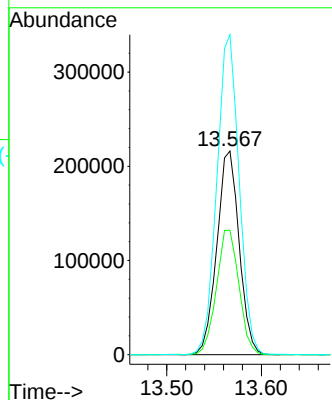
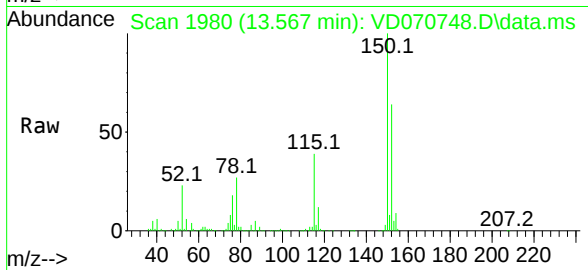




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VD070748.D
 Acq: 19 Oct 2021 10:14

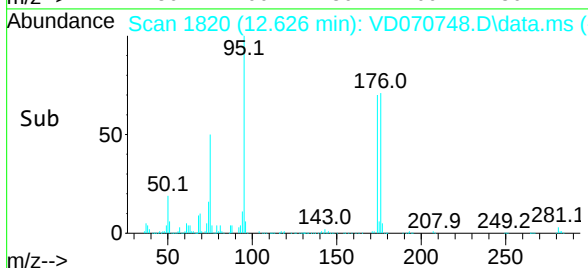
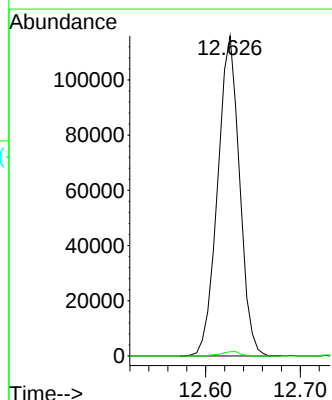
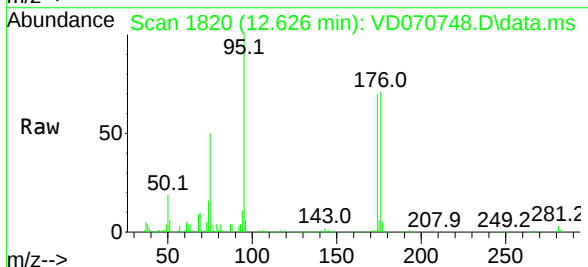
Instrument :
 MSVOA_D
 ClientSampleID :
 VD1019SBL01

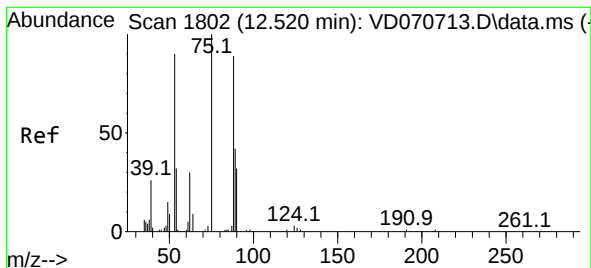
Tgt Ion:152 Resp: 354394
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.9 95.7
 150 156.7 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 60.997 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070748.D
 Acq: 19 Oct 2021 10:14

Tgt Ion: 75 Resp: 186763
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

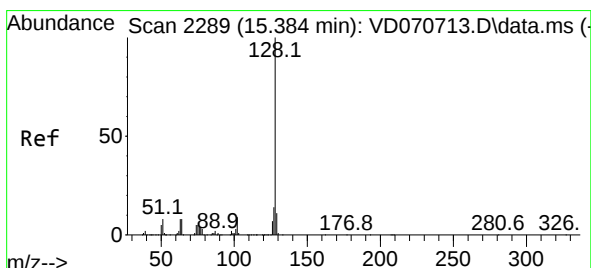
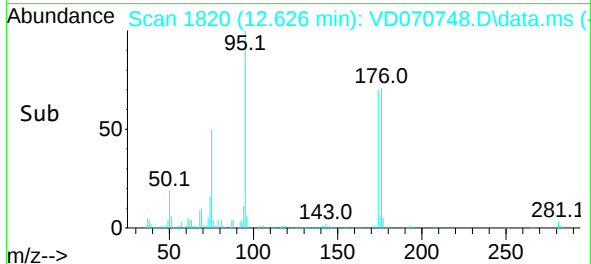
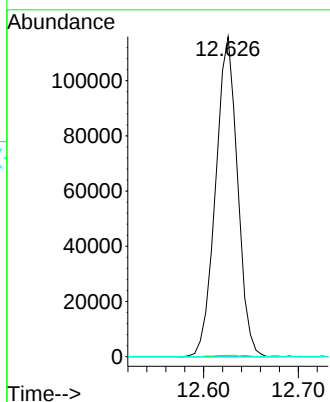
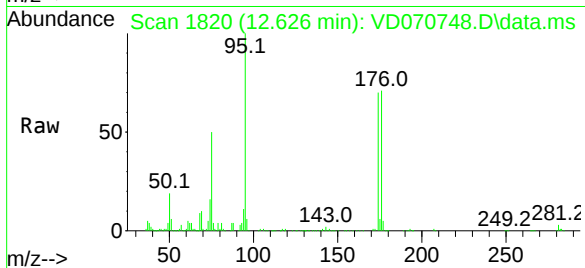




#81
trans-1,4-Dichloro-2-butene
Concen: 133.603 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Instrument :
MSVOA_D
ClientSampleId :
VD1019SBL01

Tgt Ion: 75 Resp: 186763
Ion Ratio Lower Upper
75 100
53 0.5 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 5.073 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070748.D
Acq: 19 Oct 2021 10:14

Tgt Ion: 128 Resp: 3556
Ion Ratio Lower Upper
128 100
127 8.8 10.9 16.3#
129 10.7 8.6 12.8

