

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070725.D
 Acq On : 18 Oct 2021 12:54
 Operator : VA/SY
 Sample : VD1018SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBL01

Quant Time: Oct 19 06:39:44 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)

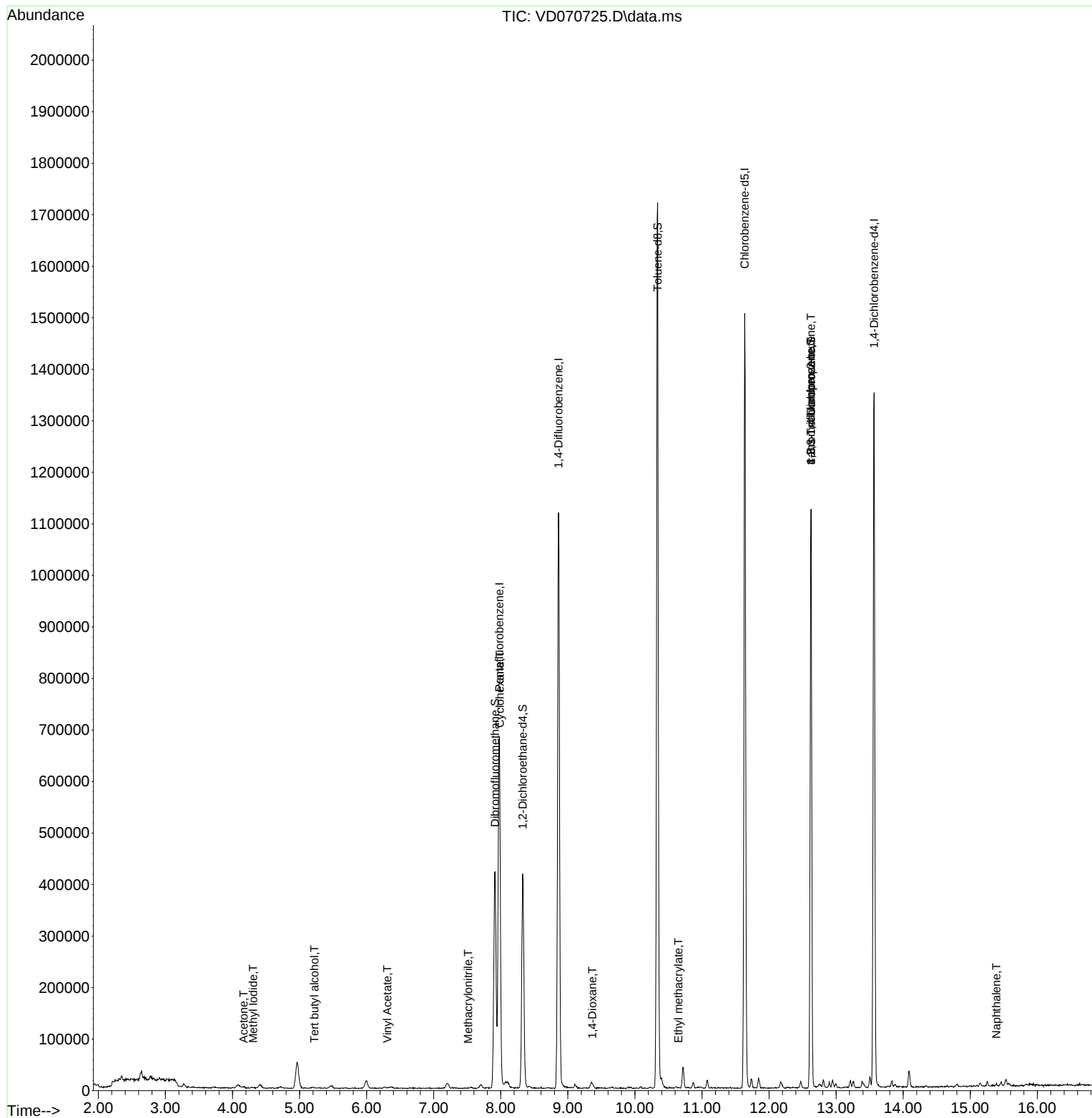
Internal Standards						
1) Pentafluorobenzene	7.979	168	488233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	893304	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	830538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	358518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	327149	56.573	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.140%			
35) Dibromofluoromethane	7.914	113	299356	52.336	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.680%			
50) Toluene-d8	10.337	98	1139073	51.950	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.900%			
62) 4-Bromofluorobenzene	12.626	95	367305	48.651	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.300%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	1550	3.557	ug/l #	81
11) Tert butyl alcohol	5.220	59	392	1.211	ug/l #	83
16) Acetone	4.167	43	3326	2.385	ug/l #	87
20) Methylene Chloride	4.961	84	37982	Below Cal		90
23) Vinyl Acetate	6.308	43	1613	16.474	ug/l #	69
31) Cyclohexane	7.985	56	17065	1.459	ug/l #	13
41) Methacrylonitrile	7.514	41	130	1.991	ug/l #	38
49) 1,4-Dioxane	9.367	88	60	1.541	ug/l #	4
56) Ethyl methacrylate	10.649	69	533	4.228	ug/l #	30
76) 1,2,3-Trichloropropane	12.626	75	187202	60.438	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	187202	132.377	ug/l #	18
95) Naphthalene	15.390	128	4092	5.111	ug/l	96

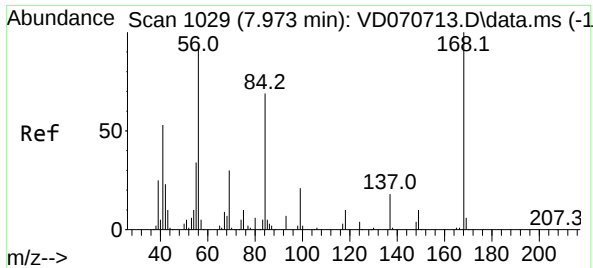
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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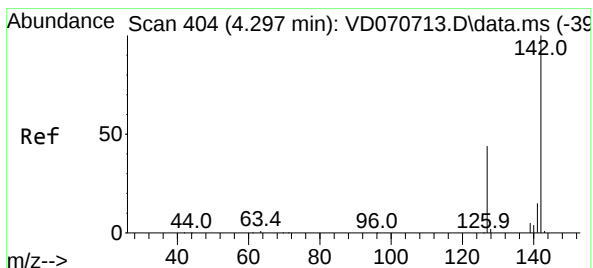
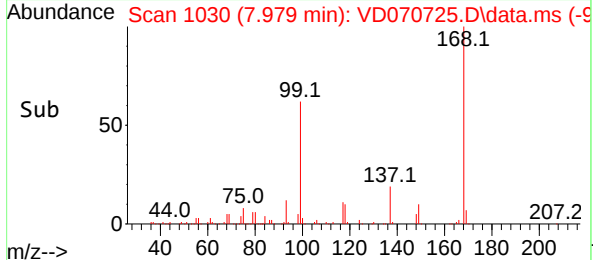
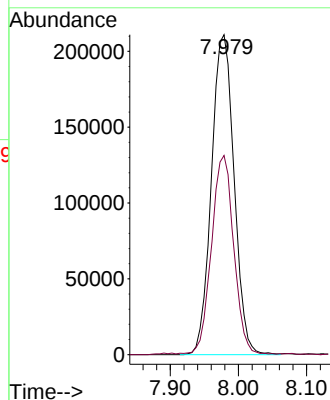
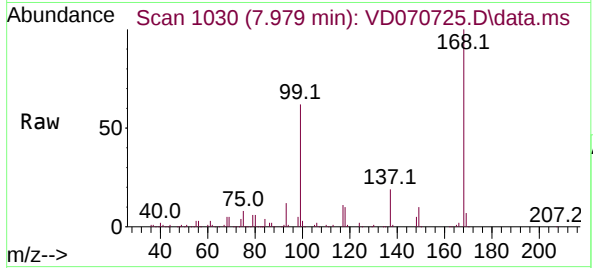




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

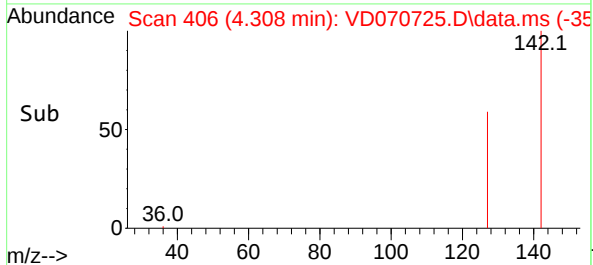
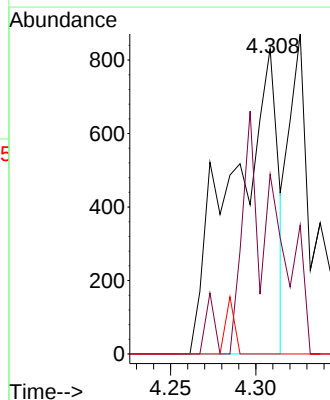
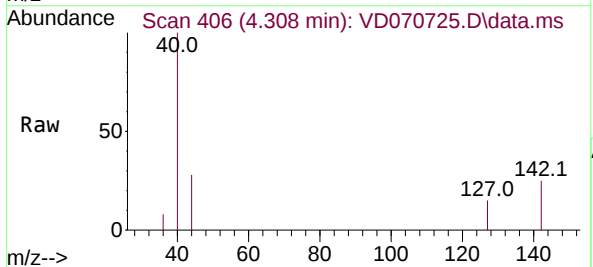
Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01

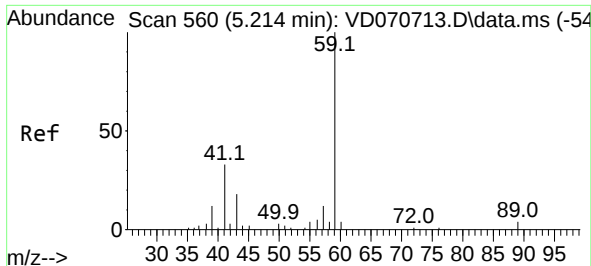
Tgt Ion:168 Resp: 488233
Ion Ratio Lower Upper
168 100
99 61.9 51.4 77.0



#10
Methyl Iodide
Concen: 3.557 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.011 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

Tgt Ion:142 Resp: 1550
Ion Ratio Lower Upper
142 100
127 55.6 37.5 56.3
141 0.0 12.1 18.1#



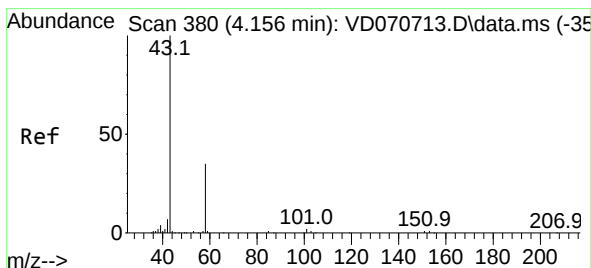
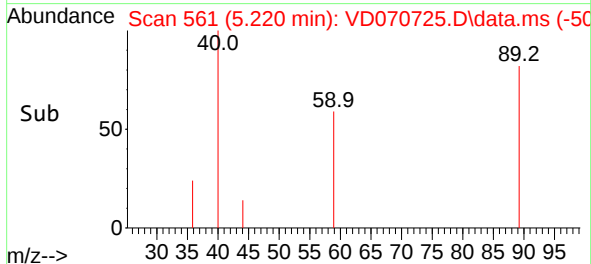
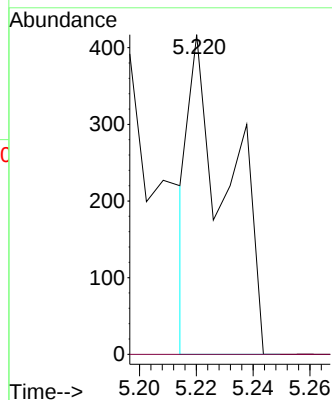
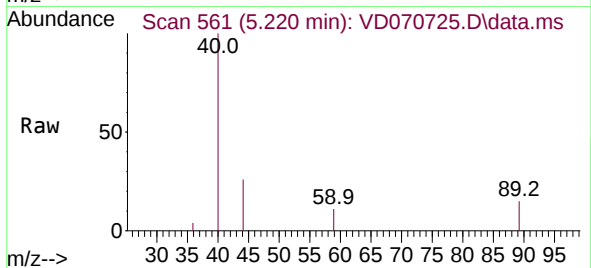


#11

Tert butyl alcohol
Concen: 1.211 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01

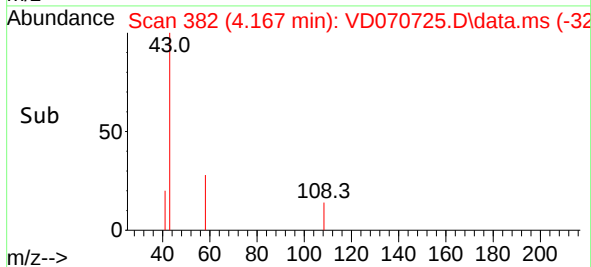
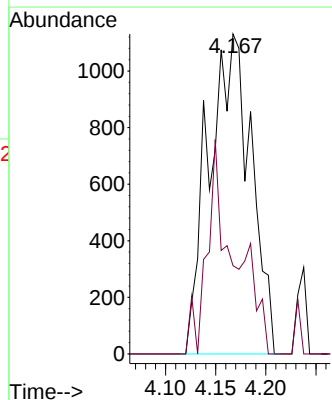
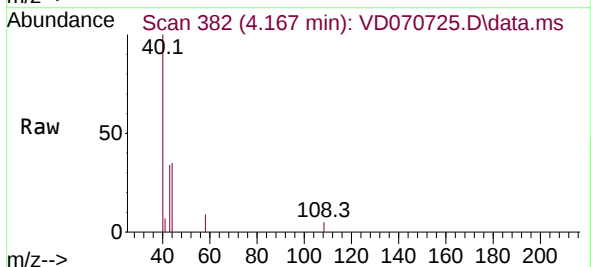
Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

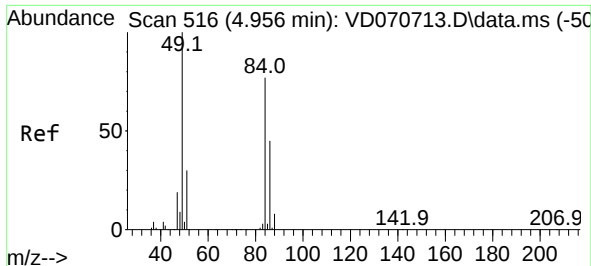


#16

Acetone
Concen: 2.385 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

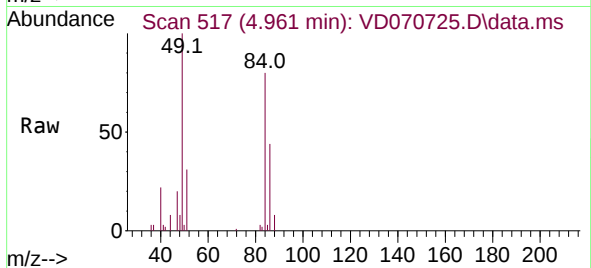
Tgt Ion: 43 Resp: 3326
Ion Ratio Lower Upper
43 100
58 27.6 28.2 42.2#



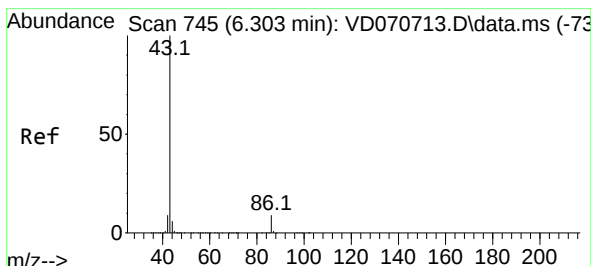
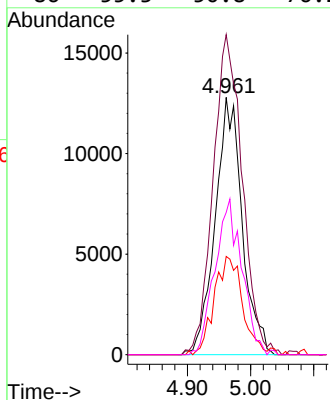
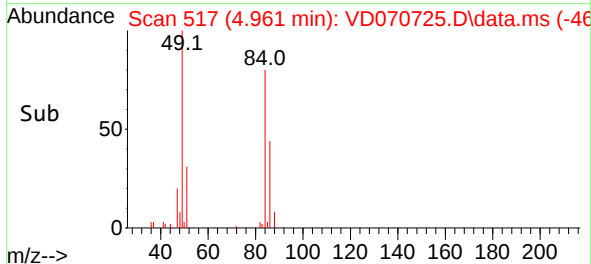


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

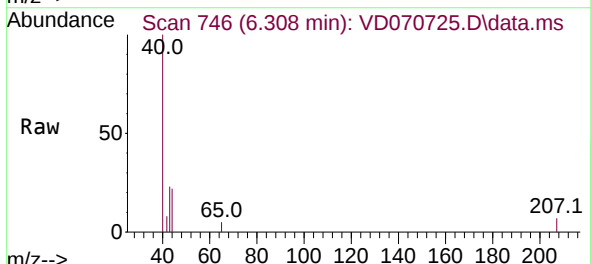
Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01



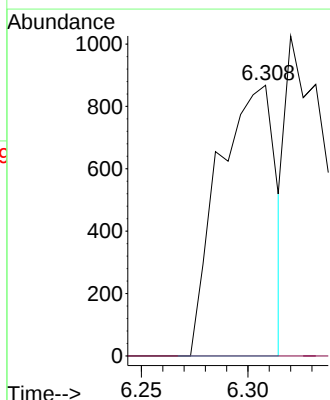
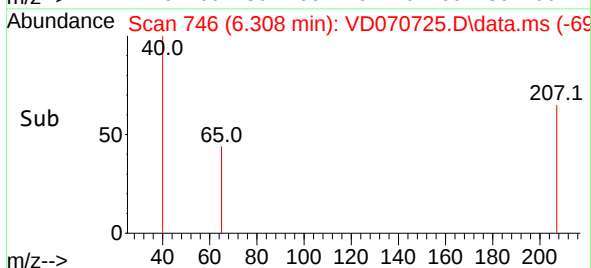
Tgt Ion:	84	Resp:	37982
Ion	Ratio	Lower	Upper
84	100		
49	124.4	91.4	137.2
51	38.2	26.7	40.1
86	55.3	50.8	76.2

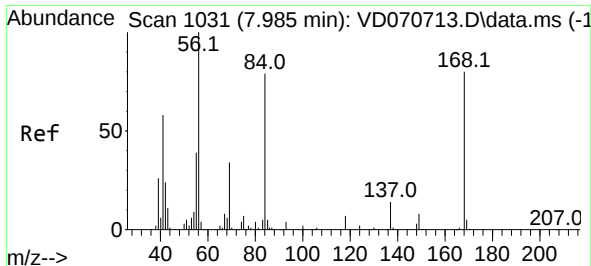


#23
Vinyl Acetate
Concen: 16.474 ug/l
RT: 6.308 min Scan# 746
Delta R.T. 0.005 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54



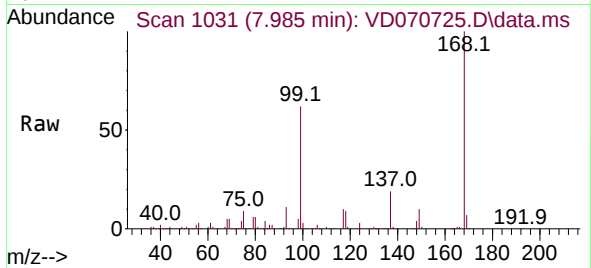
Tgt Ion:	43	Resp:	1613
Ion	Ratio	Lower	Upper
43	100		
86	0.0	9.8	14.6#



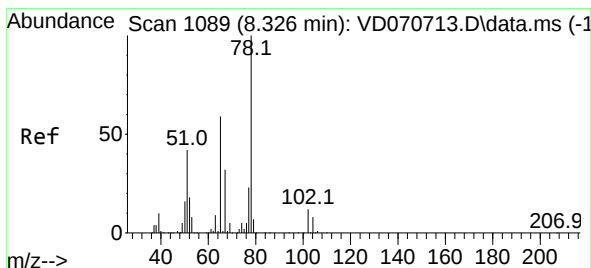
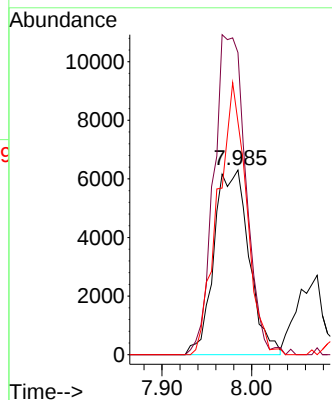
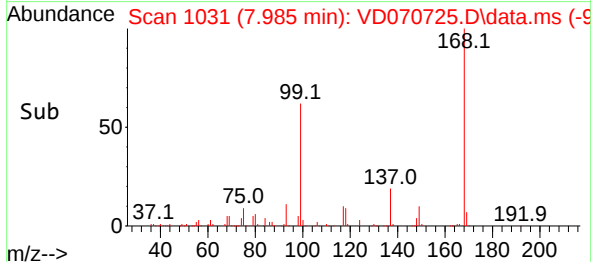


#31
Cyclohexane
Concen: 1.459 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

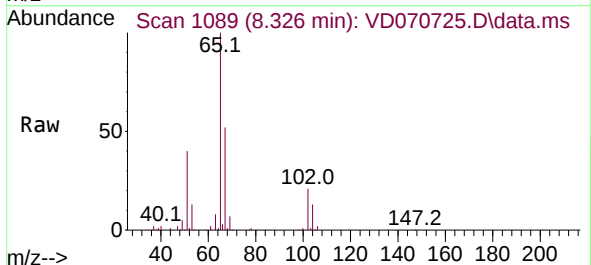
Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01



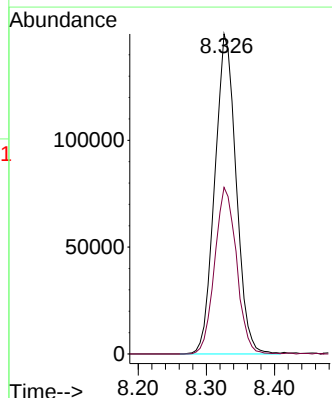
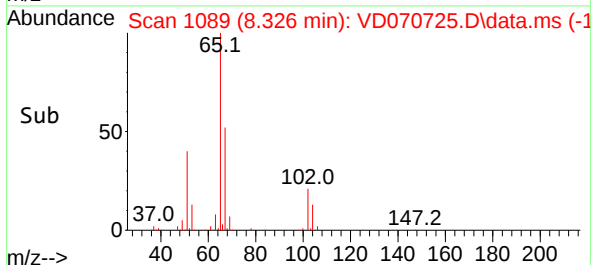
Tgt Ion: 56 Resp: 17065
Ion Ratio Lower Upper
56 100
69 163.6 27.4 41.2#
84 126.0 73.6 110.4#

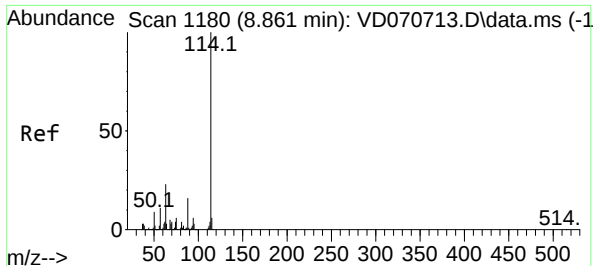


#33
1,2-Dichloroethane-d4
Concen: 56.573 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54



Tgt Ion: 65 Resp: 327149
Ion Ratio Lower Upper
65 100
67 53.0 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: VD070725.D

Acq: 18 Oct 2021 12:54

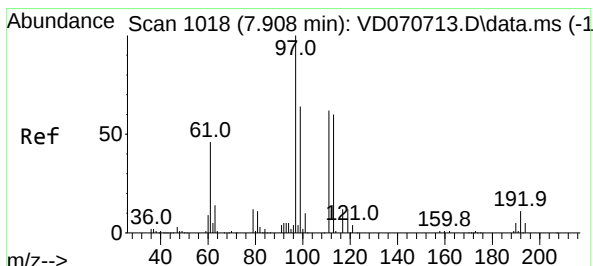
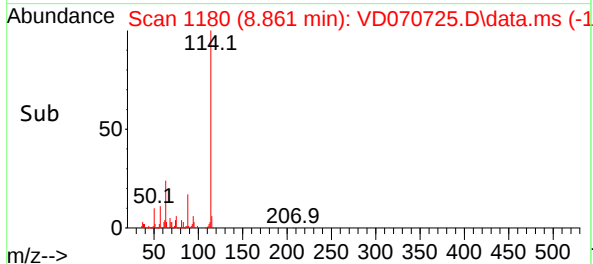
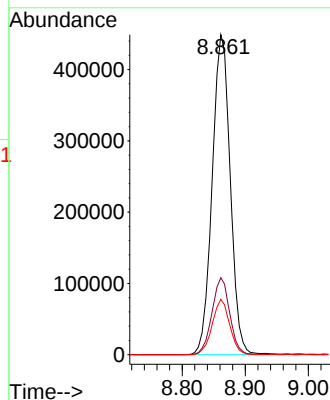
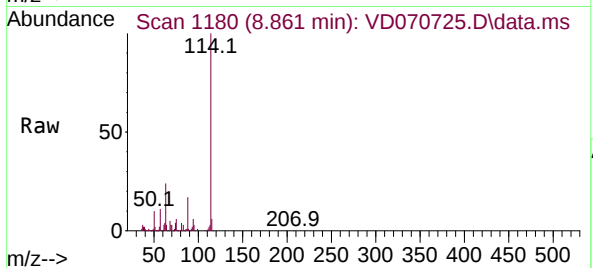
Tgt Ion:114 Resp: 893304

Ion Ratio Lower Upper

114 100

63 24.1 0.0 41.8

88 17.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.336 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD070725.D

Acq: 18 Oct 2021 12:54

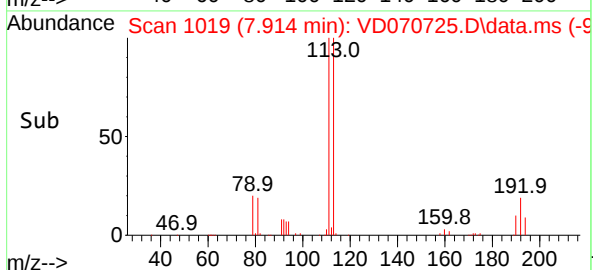
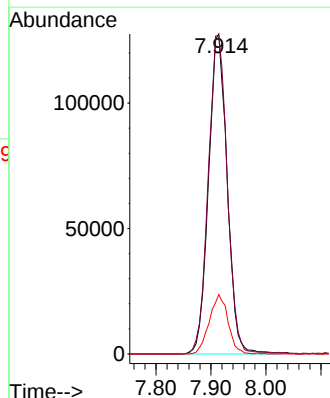
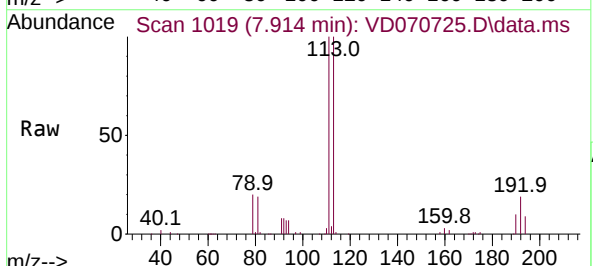
Tgt Ion:113 Resp: 299356

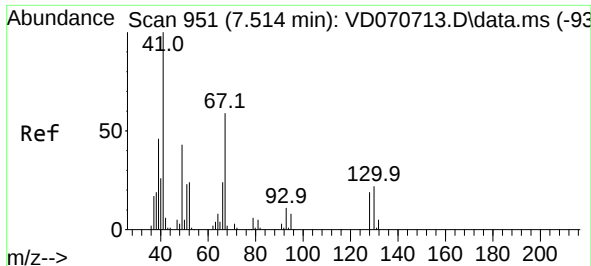
Ion Ratio Lower Upper

113 100

111 101.7 83.1 124.7

192 18.7 12.7 19.1

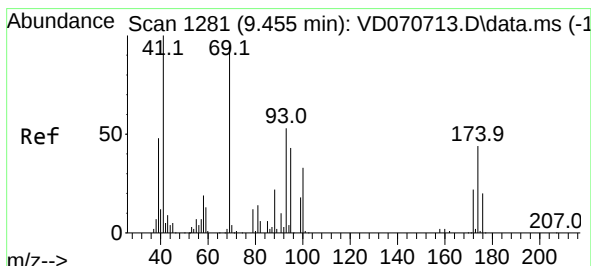
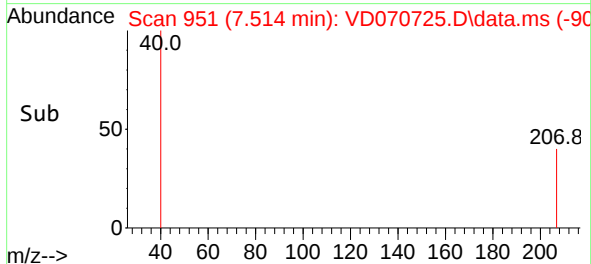
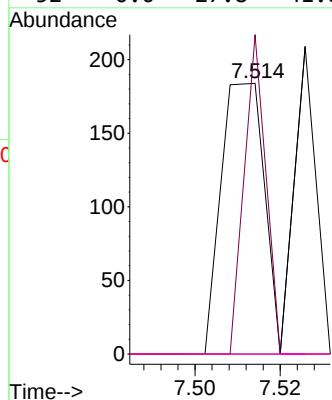
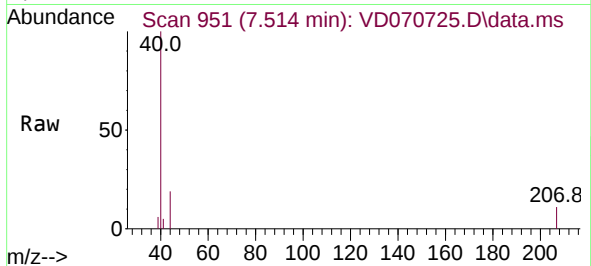




#41
Methacrylonitrile
Concen: 1.991 ug/l
RT: 7.514 min Scan# 951
Delta R.T. 0.000 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

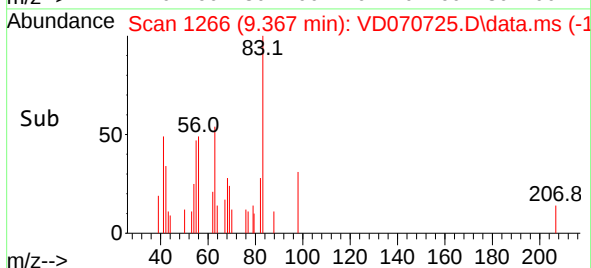
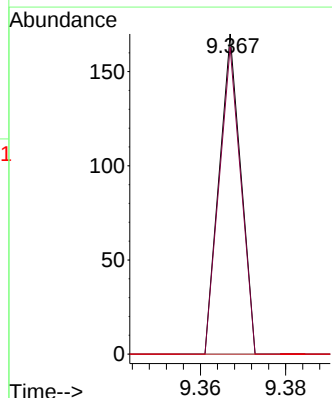
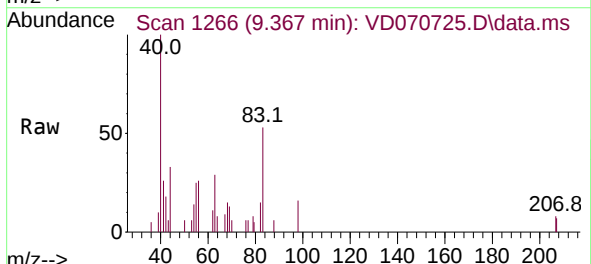
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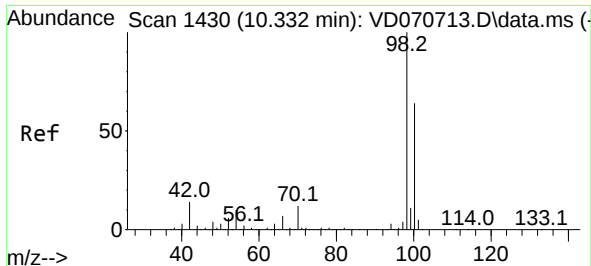
Tgt Ion:	41	Resp:	130
Ion	Ratio	Lower	Upper
41	100		
39	59.2	45.2	67.8
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#49
1,4-Dioxane
Concen: 1.541 ug/l
RT: 9.367 min Scan# 1266
Delta R.T. -0.088 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

Tgt Ion:	88	Resp:	60
Ion	Ratio	Lower	Upper
88	100		
43	96.7	25.1	37.7#
58	0.0	57.4	86.0#

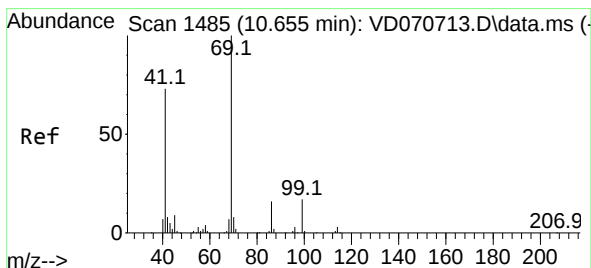
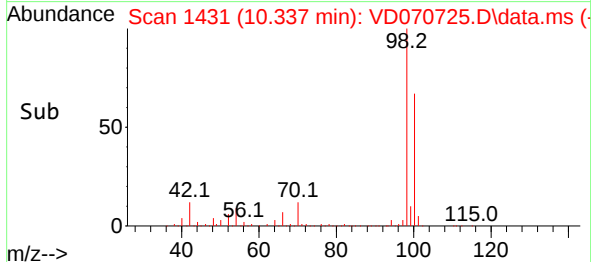
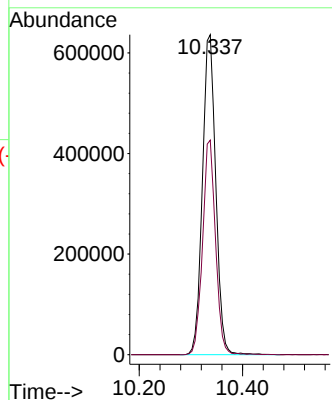
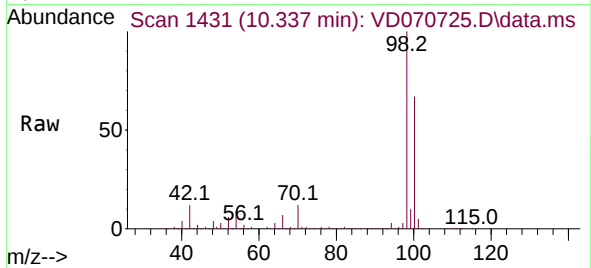




#50
Toluene-d8
Concen: 51.950 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

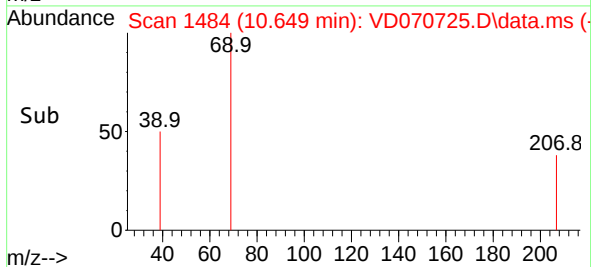
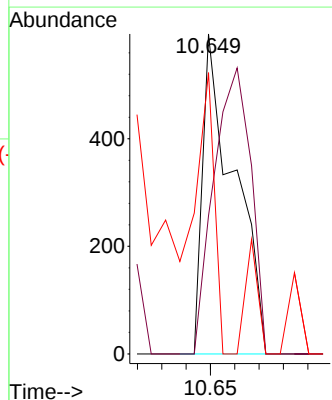
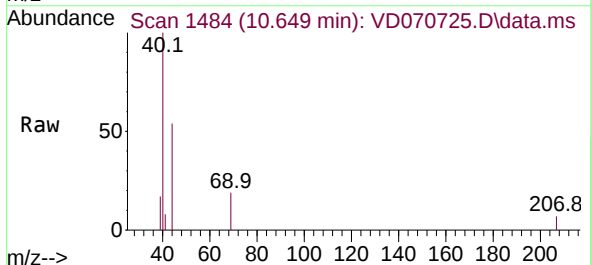
Instrument :
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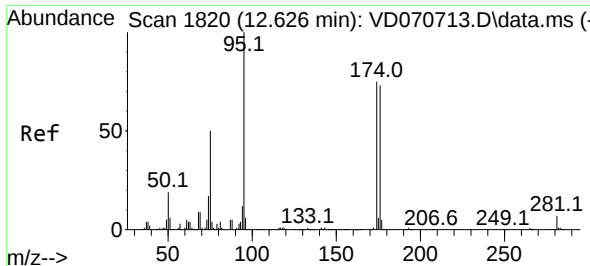
Tgt Ion: 98 Resp: 1139073
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.228 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

Tgt Ion: 69 Resp: 533
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 52.0 19.5 29.3#

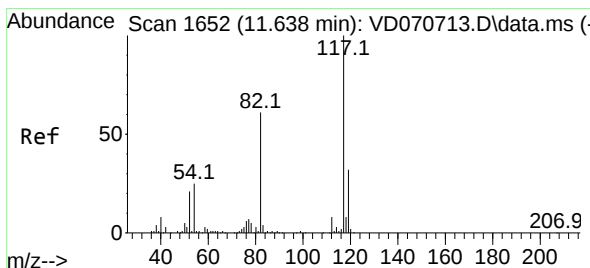
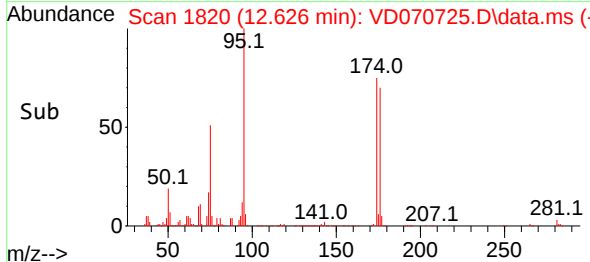
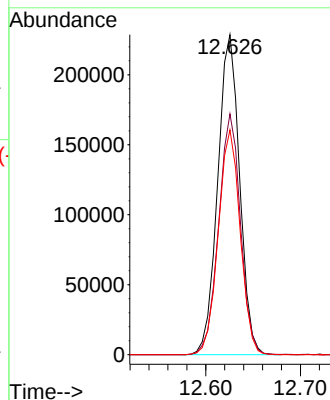
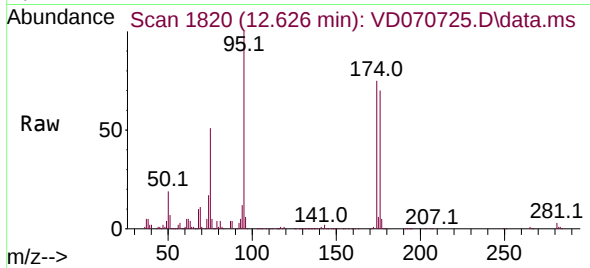




#62
4-Bromofluorobenzene
Concen: 48.651 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

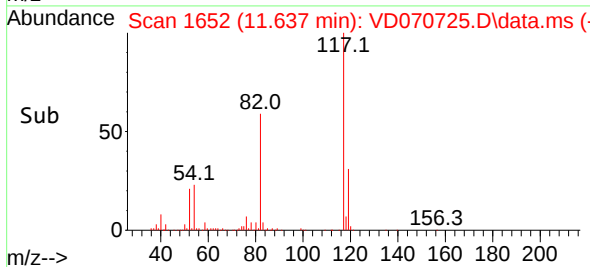
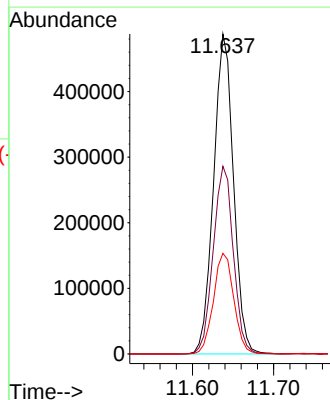
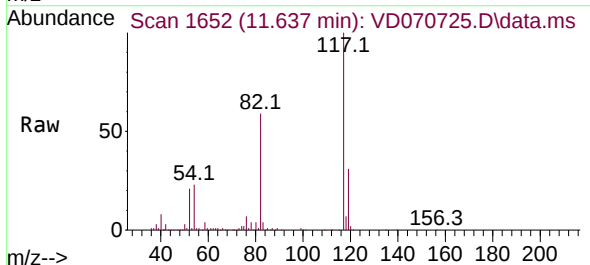
Instrument :
MSVOA_D
ClientSampleId :
VD1018SBL01

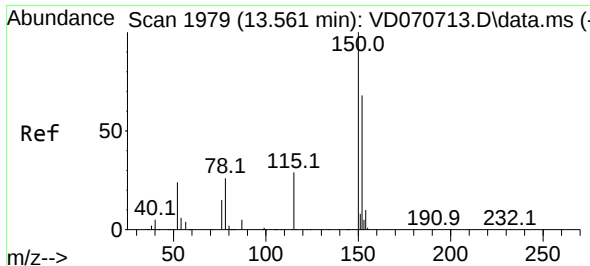
Tgt Ion:	95	Resp:	367305
Ion	Ratio	Lower	Upper
95	100		
174	75.0	0.0	138.0
176	70.3	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070725.D
Acq: 18 Oct 2021 12:54

Tgt Ion:	117	Resp:	830538
Ion	Ratio	Lower	Upper
117	100		
82	58.6	45.4	68.2
119	31.5	24.7	37.1

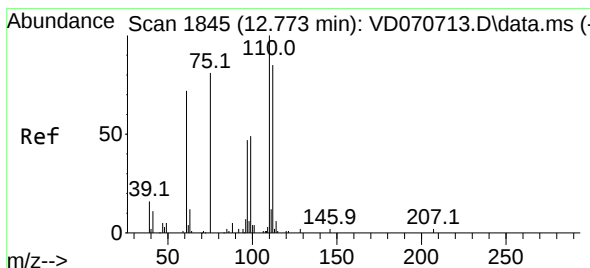
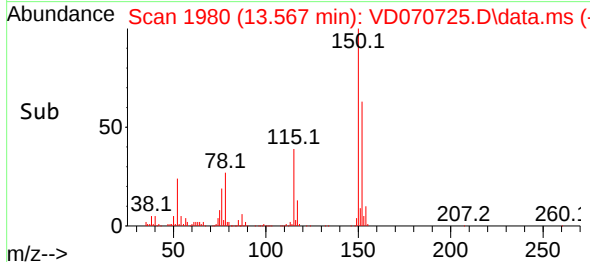
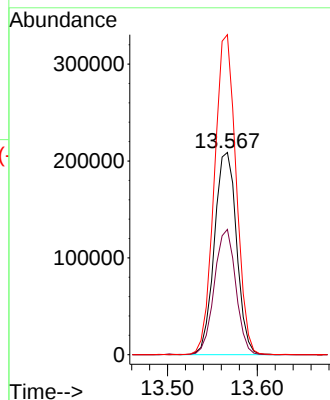
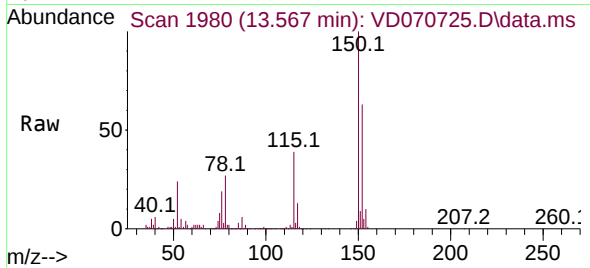




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.006 min
 Lab File: VD070725.D
 Acq: 18 Oct 2021 12:54

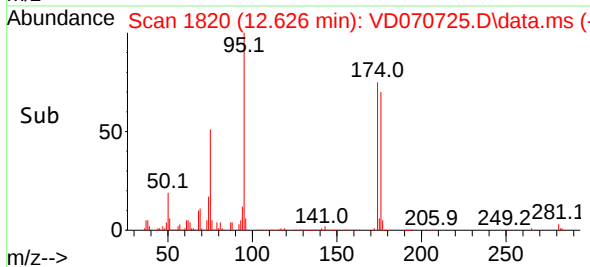
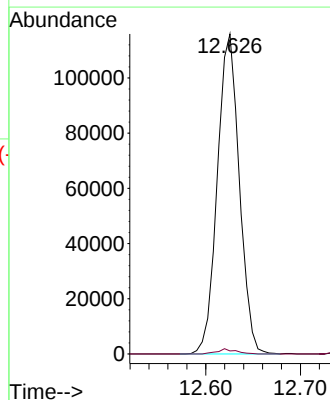
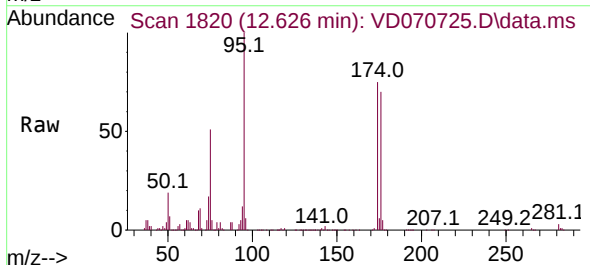
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBL01

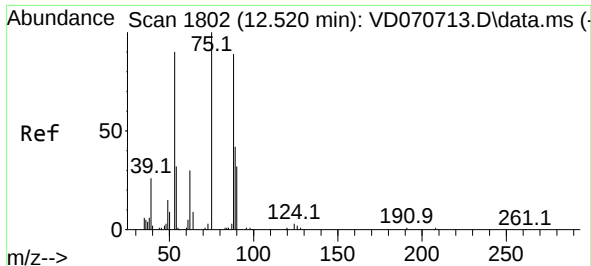
Tgt Ion:152 Resp: 358518
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.9 95.7
 150 155.2 0.0 350.0



#76
 1,2,3-Trichloropropane
 Concen: 60.438 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070725.D
 Acq: 18 Oct 2021 12:54

Tgt Ion: 75 Resp: 187202
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

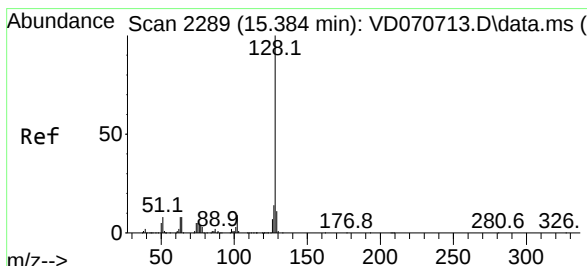
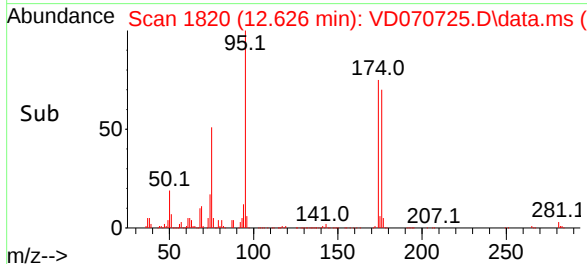
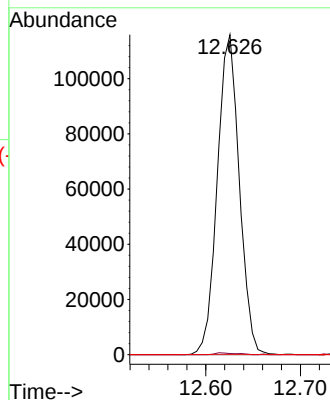
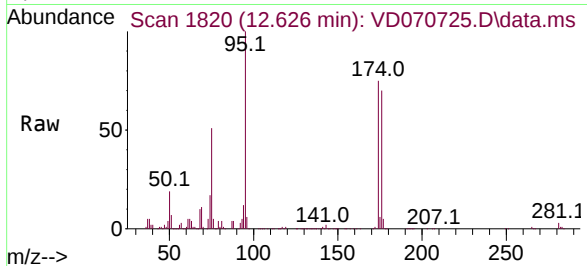




#81
 trans-1,4-Dichloro-2-butene
 Concen: 132.377 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070725.D
 Acq: 18 Oct 2021 12:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1018SBL01

Tgt Ion: 75 Resp: 187202
 Ion Ratio Lower Upper
 75 100
 53 0.5 64.5 96.7#
 89 0.0 35.3 52.9#



#95
 Naphthalene
 Concen: 5.111 ug/l
 RT: 15.390 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: VD070725.D
 Acq: 18 Oct 2021 12:54

Tgt Ion: 128 Resp: 4092
 Ion Ratio Lower Upper
 128 100
 127 11.9 10.9 16.3
 129 9.5 8.6 12.8

