

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101821\
 Data File : VD070730.D
 Acq On : 18 Oct 2021 15:19
 Operator : VA/SY
 Sample : M4249-10
 Misc : 4.49G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2-(D)

Quant Time: Oct 19 06:40:59 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)

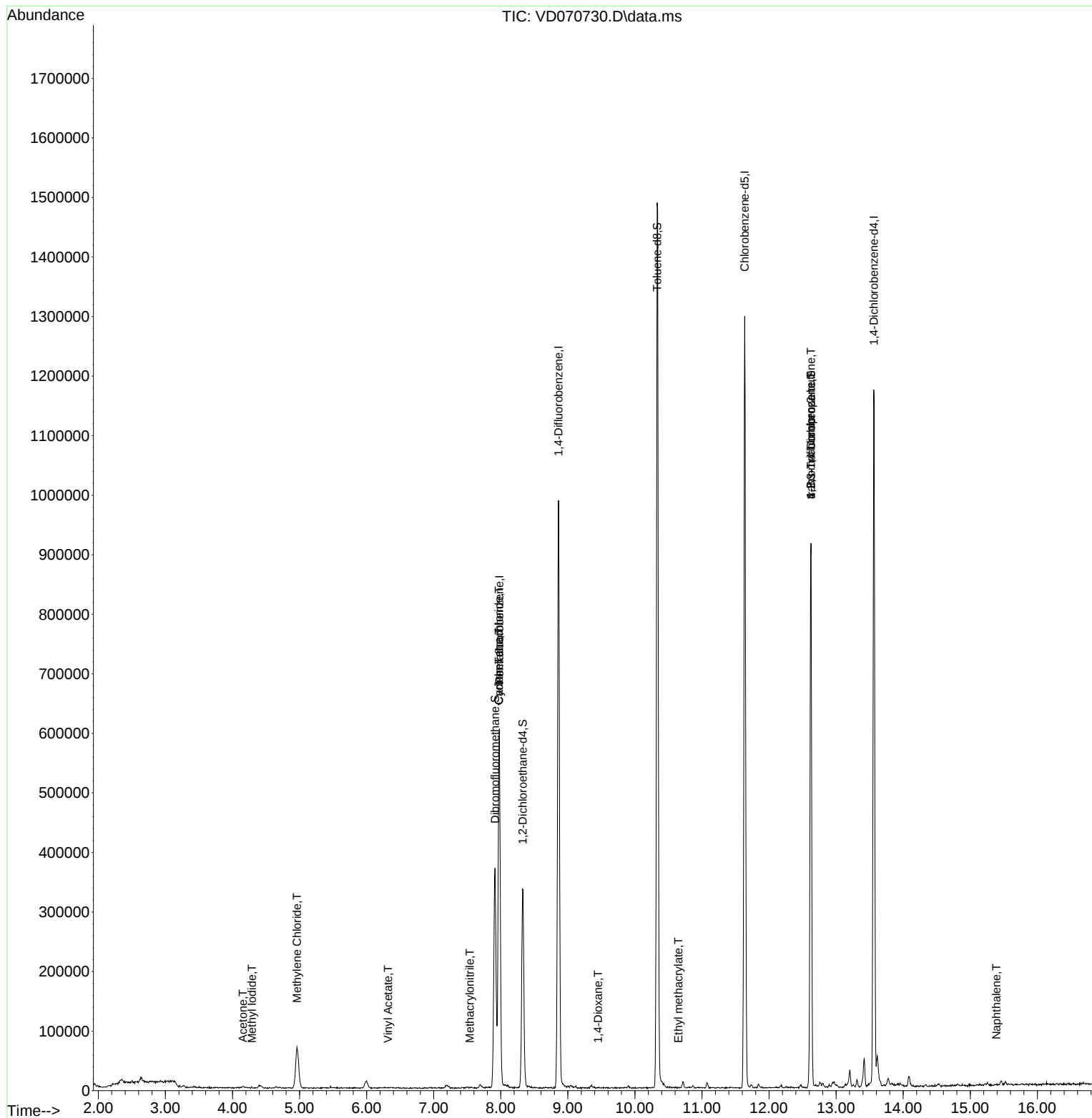
Internal Standards						
1) Pentafluorobenzene	7.979	168	409020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	781169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	722541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	301971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	267085	55.131	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.260%			
35) Dibromofluoromethane	7.914	113	260060	51.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.980%			
50) Toluene-d8	10.332	98	1014753	52.924	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.626	95	306247	46.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.780%			
Target Compounds						Qvalue
10) Methyl Iodide	4.291	142	547	3.420	ug/l #	80
16) Acetone	4.156	43	4455	3.813	ug/l #	79
20) Methylene Chloride	4.961	84	52467	2.774	ug/l #	85
23) Vinyl Acetate	6.320	43	181	16.348	ug/l #	69
31) Cyclohexane	7.973	56	12932	1.319	ug/l #	24
38) Carbon Tetrachloride	7.973	117	44695	5.362	ug/l #	17
41) Methacrylonitrile	7.538	41	216	2.035	ug/l #	16
49) 1,4-Dioxane	9.449	88	54	1.586	ug/l #	23
56) Ethyl methacrylate	10.649	69	638	4.254	ug/l #	57
76) 1,2,3-Trichloropropane	12.626	75	156506	59.989	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	156506	131.395	ug/l #	17
95) Naphthalene	15.390	128	1057	4.890	ug/l #	96

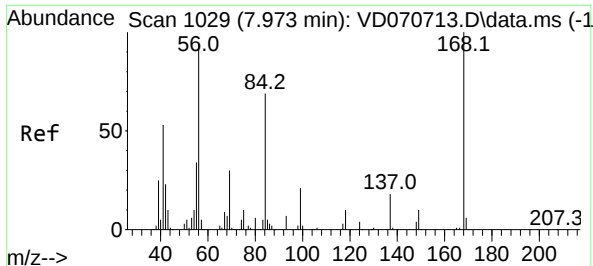
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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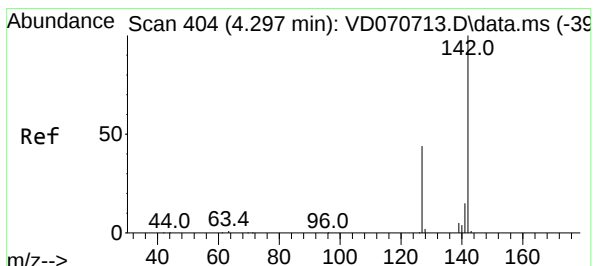
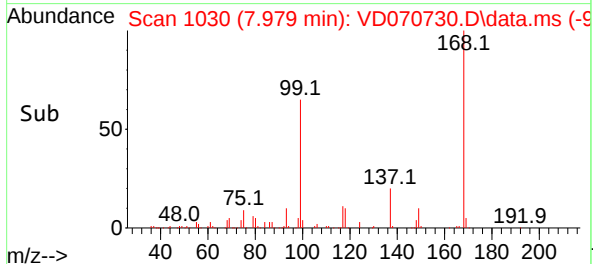
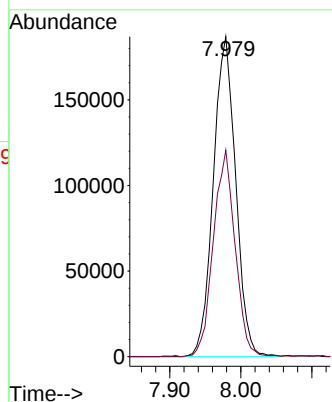
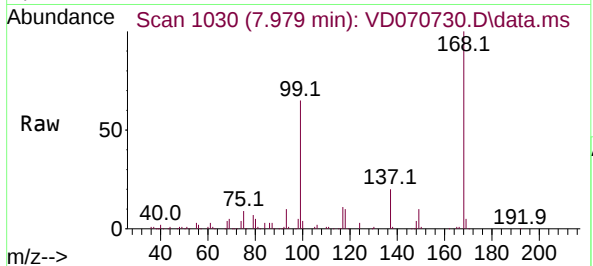




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

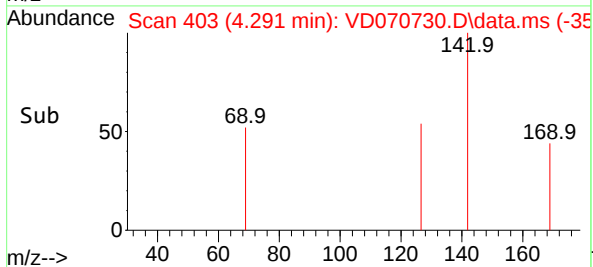
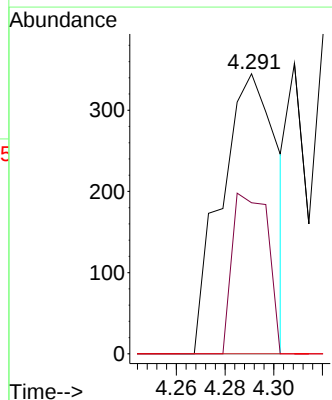
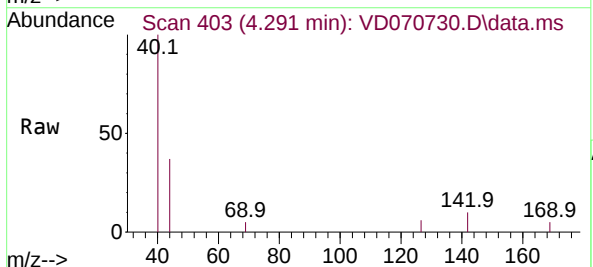
Instrument :
MSVOA_D
ClientSampled :
TP2-(D)

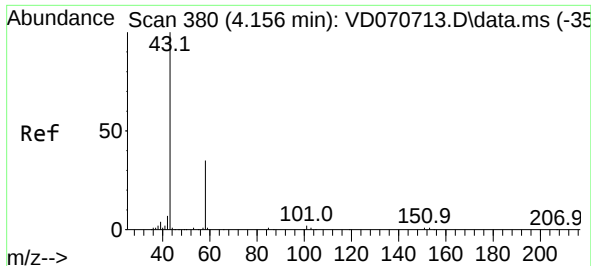
Tgt Ion:168 Resp: 409020
Ion Ratio Lower Upper
168 100
99 64.6 51.4 77.0



#10
Methyl Iodide
Concen: 3.420 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion:142 Resp: 547
Ion Ratio Lower Upper
142 100
127 36.7 37.5 56.3#
141 0.0 12.1 18.1#

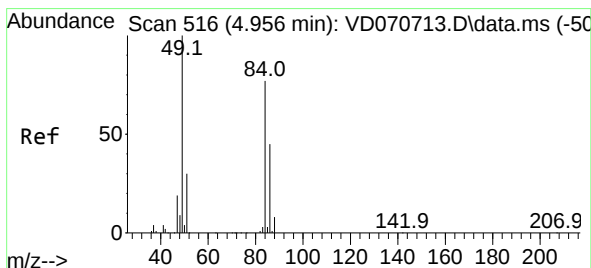
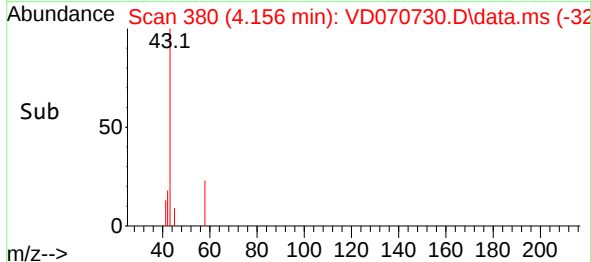
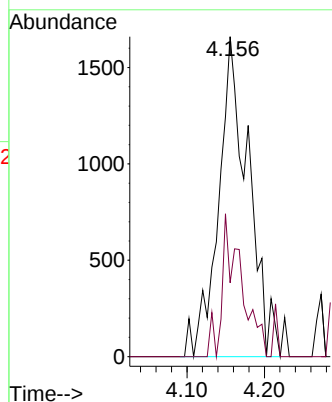
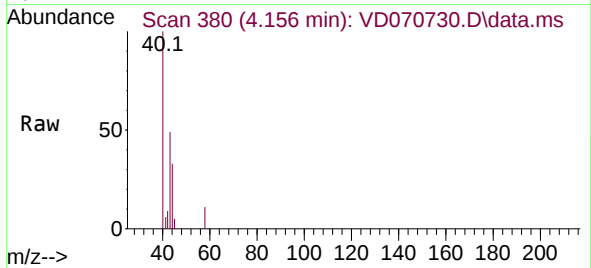




#16
Acetone
Concen: 3.813 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

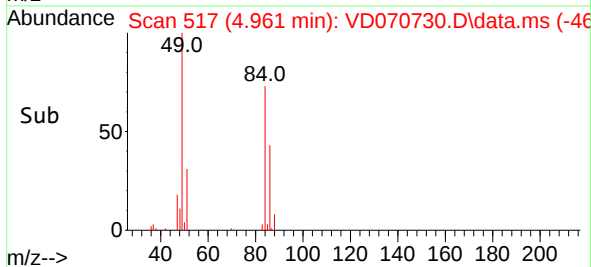
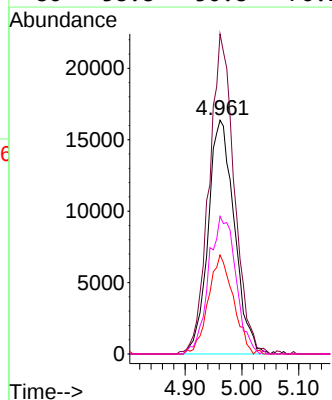
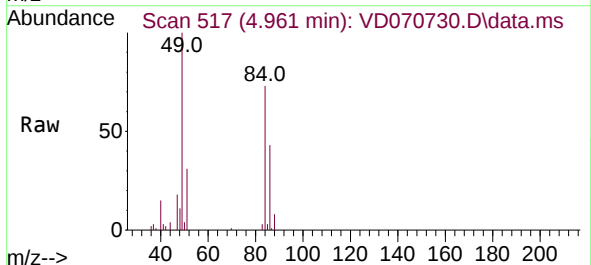
Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

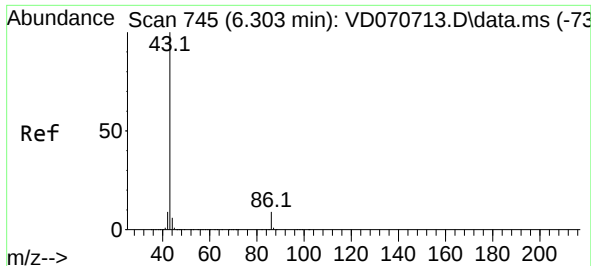
Tgt Ion: 43 Resp: 4455
Ion Ratio Lower Upper
43 100
58 23.1 28.2 42.2#



#20
Methylene Chloride
Concen: 2.774 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 84 Resp: 52467
Ion Ratio Lower Upper
84 100
49 135.9 91.4 137.2
51 42.4 26.7 40.1#
86 58.8 50.8 76.2

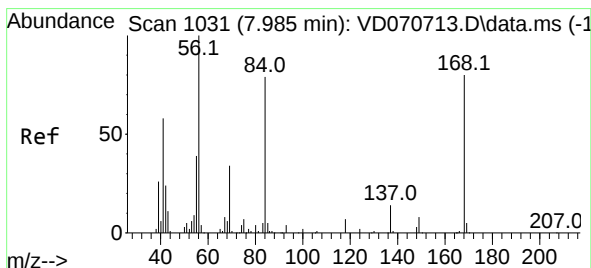
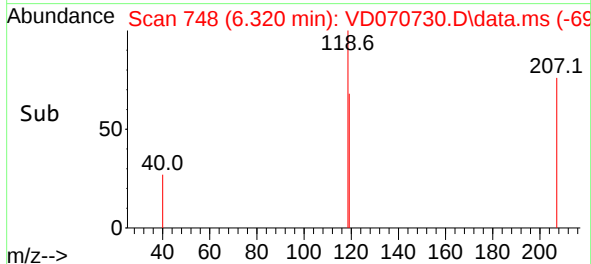
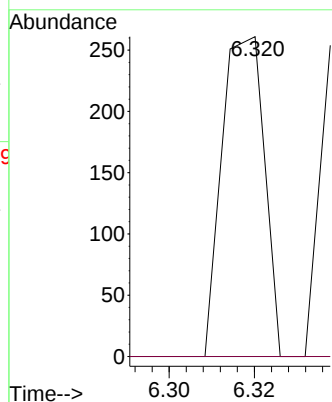
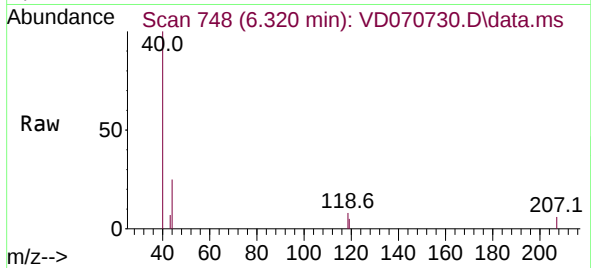




#23
 Vinyl Acetate
 Concen: 16.348 ug/l
 RT: 6.320 min Scan# 748
 Delta R.T. 0.017 min
 Lab File: VD070730.D
 Acq: 18 Oct 2021 15:19

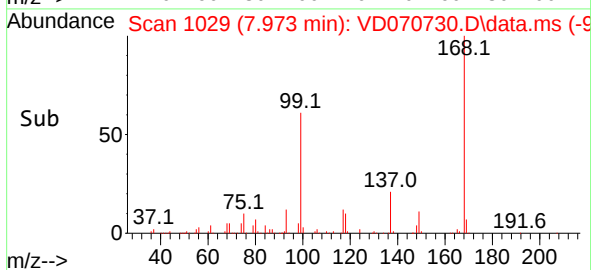
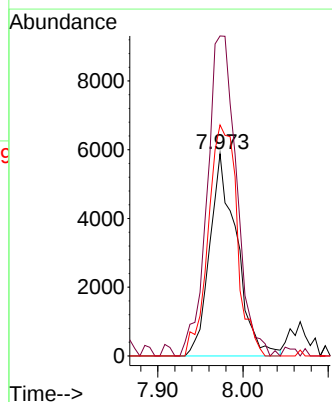
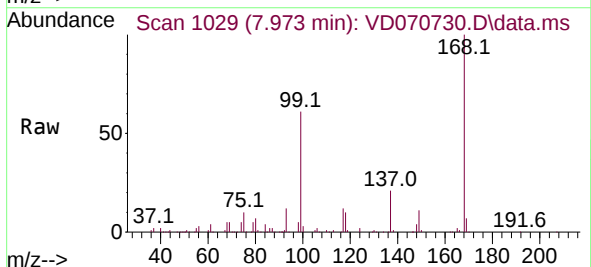
Instrument :
 MSVOA_D
 ClientSampled :
 TP2-(D)

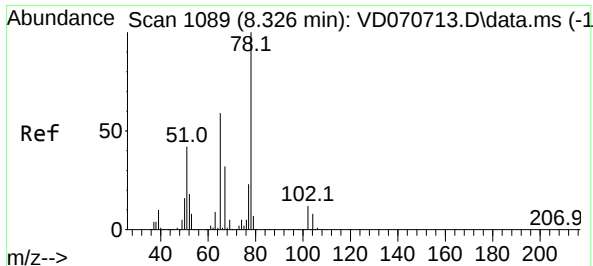
Tgt Ion: 43 Resp: 181
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.6#



#31
 Cyclohexane
 Concen: 1.319 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.012 min
 Lab File: VD070730.D
 Acq: 18 Oct 2021 15:19

Tgt Ion: 56 Resp: 12932
 Ion Ratio Lower Upper
 56 100
 69 158.3 27.4 41.2#
 84 114.3 73.6 110.4#

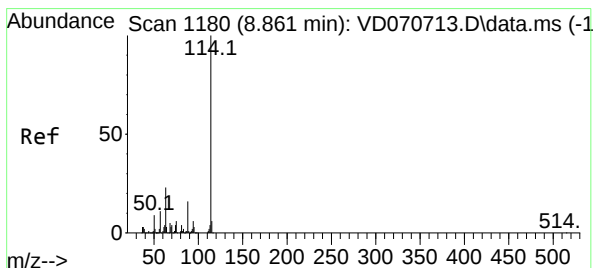
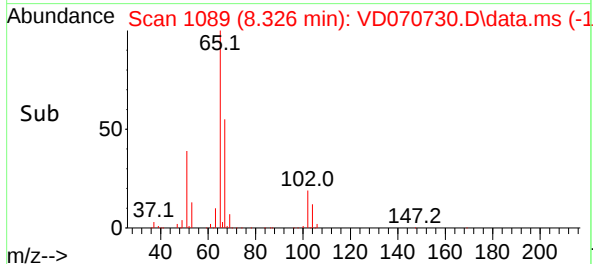
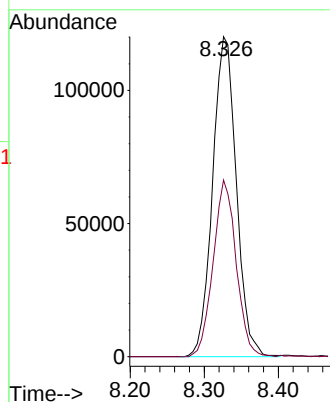
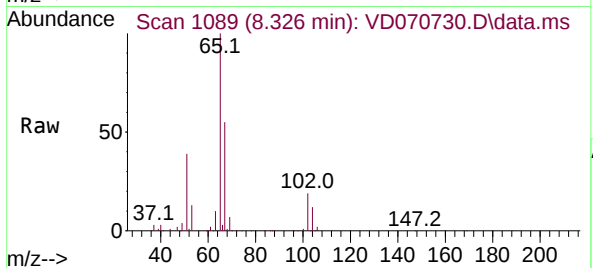




#33
1,2-Dichloroethane-d4
Concen: 55.131 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

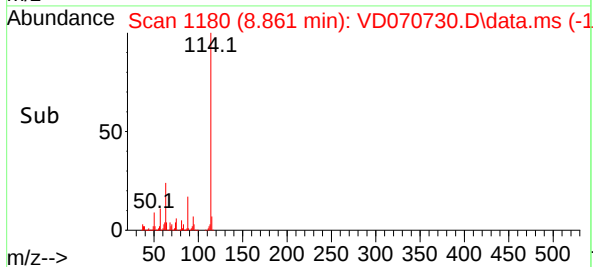
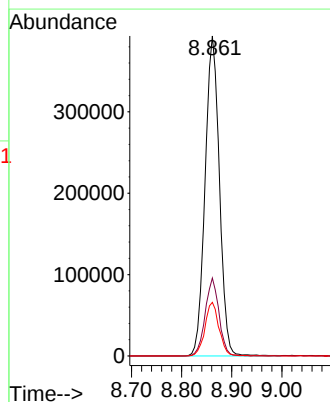
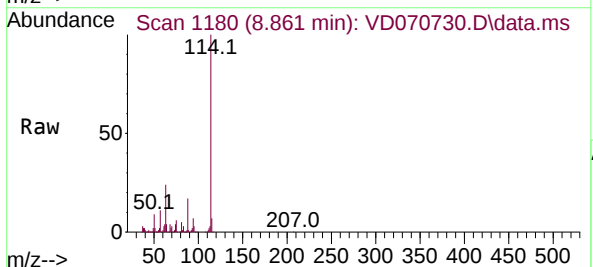
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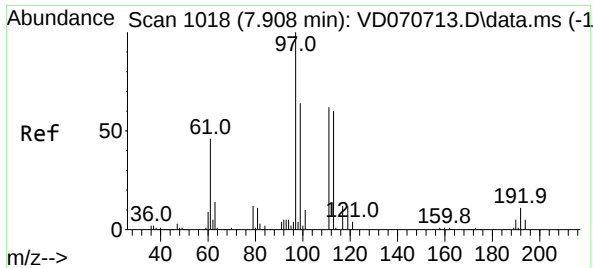
Tgt Ion: 65 Resp: 267085
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 114 Resp: 781169
Ion Ratio Lower Upper
114 100
63 24.4 0.0 41.8
88 16.8 0.0 32.6

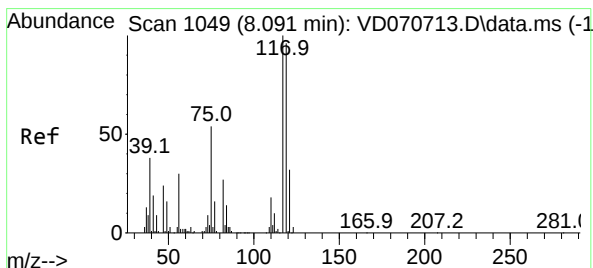
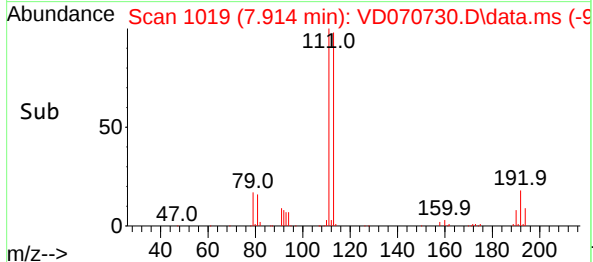
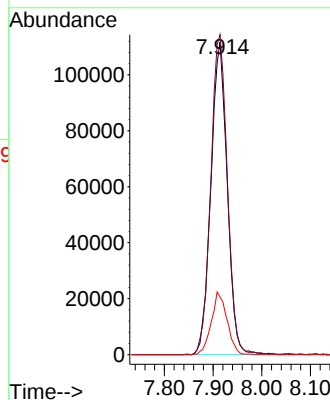
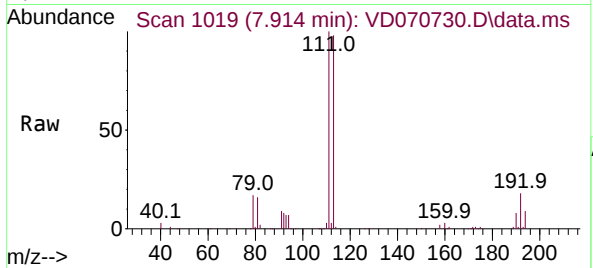




#35
Dibromofluoromethane
Concen: 51.992 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

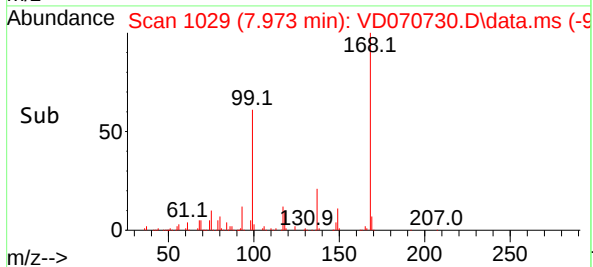
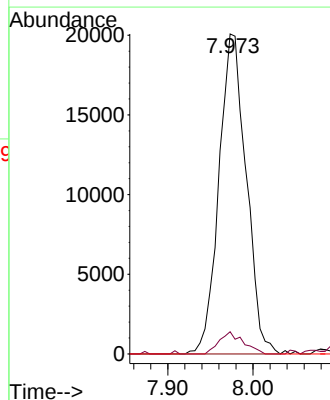
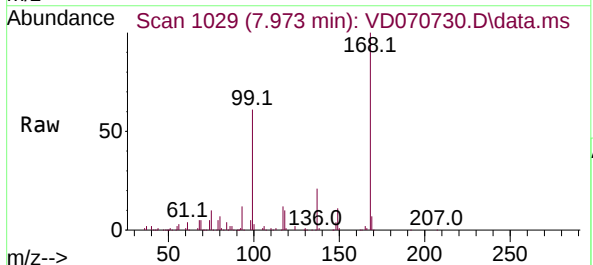
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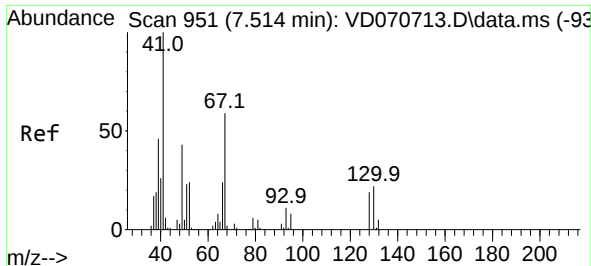
Tgt Ion:113 Resp: 260060
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 19.3 12.7 19.1#



#38
Carbon Tetrachloride
Concen: 5.362 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion:117 Resp: 44695
Ion Ratio Lower Upper
117 100
119 7.0 77.4 116.0#
121 0.0 25.4 38.0#

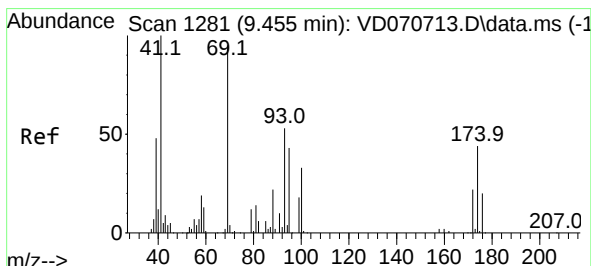
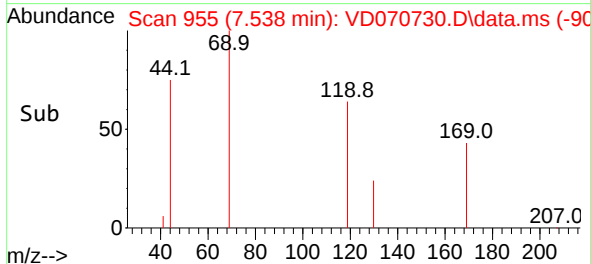
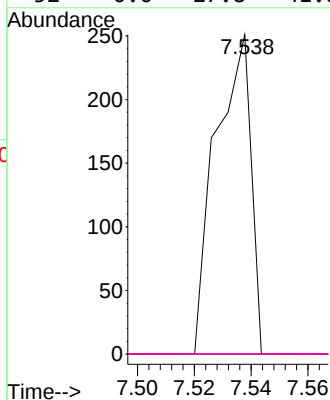
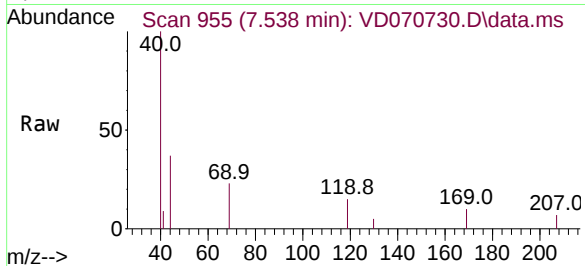




#41
Methacrylonitrile
Concen: 2.035 ug/l
RT: 7.538 min Scan# 955
Delta R.T. 0.024 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

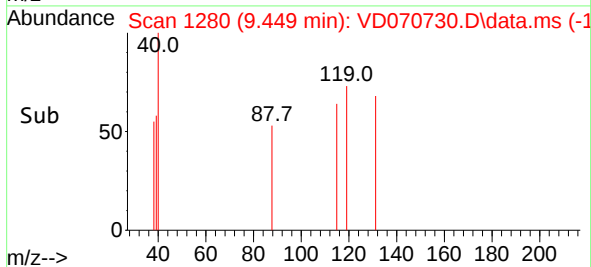
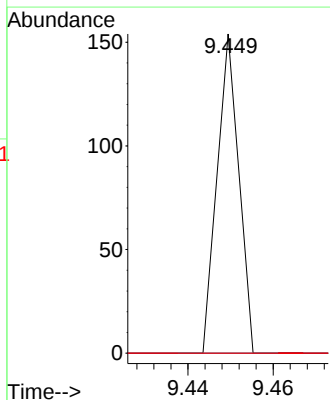
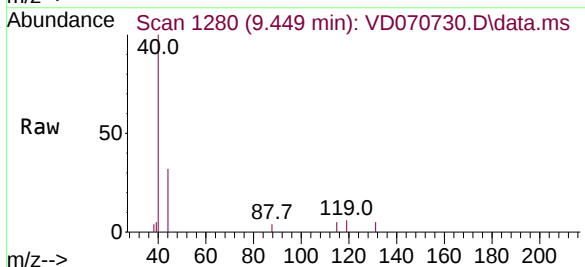
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TP2-(D)

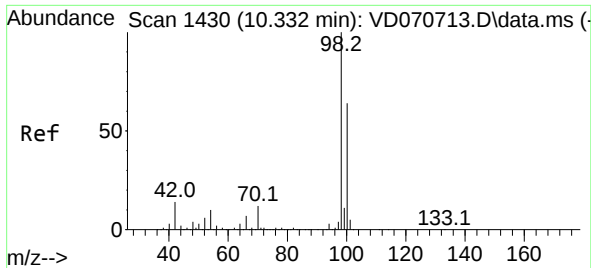
Tgt Ion:	41	Resp:	216
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.2	67.8#
67	0.0	75.8	113.6#
52	0.0	27.8	41.8#



#49
1,4-Dioxane
Concen: 1.586 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD070730.D
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Tgt Ion:	88	Resp:	54
Ion	Ratio	Lower	Upper
88	100		
43	0.0	25.1	37.7#
58	0.0	57.4	86.0#

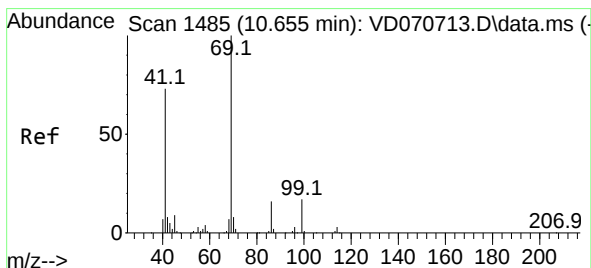
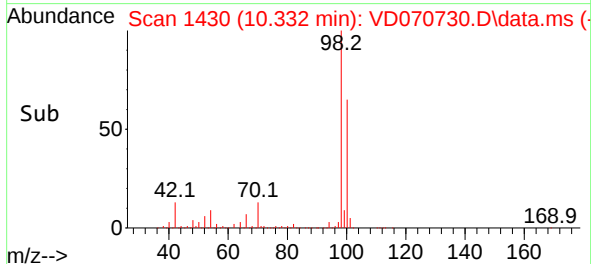
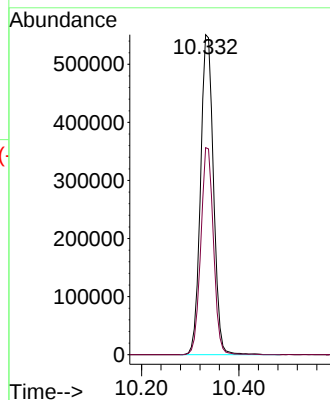
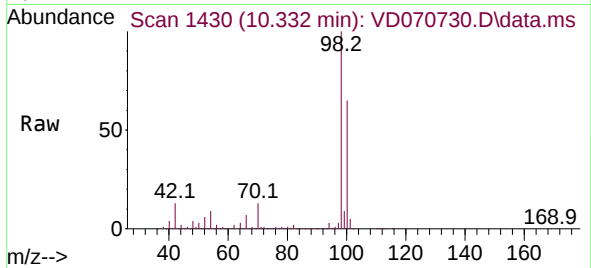




#50
Toluene-d8
Concen: 52.924 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

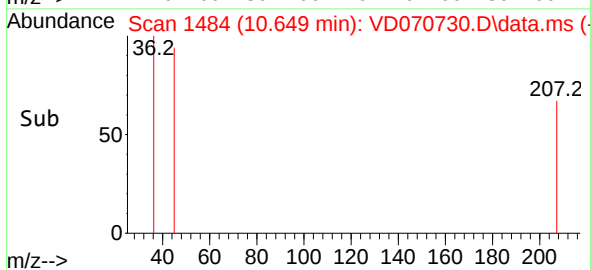
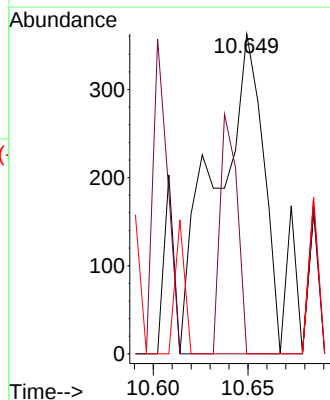
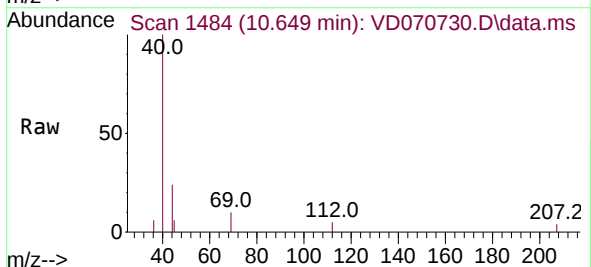
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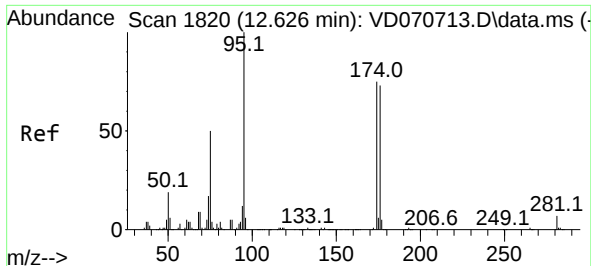
Tgt Ion: 98 Resp: 1014753
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#56
Ethyl methacrylate
Concen: 4.254 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 69 Resp: 638
Ion Ratio Lower Upper
69 100
41 26.6 44.7 67.1#
39 0.0 19.5 29.3#

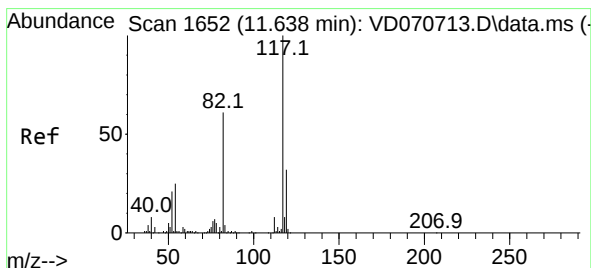
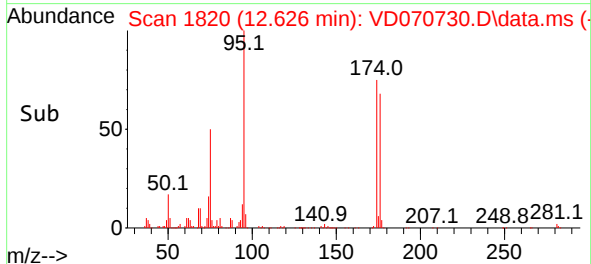
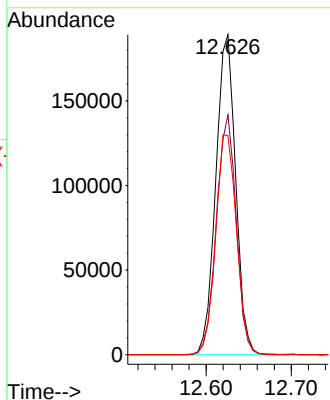
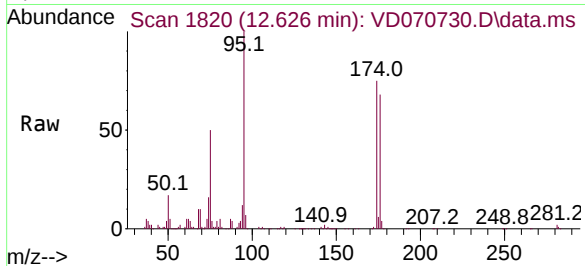




#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

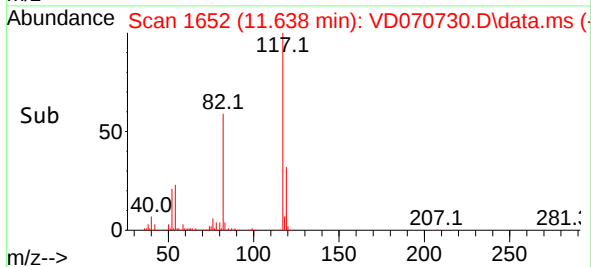
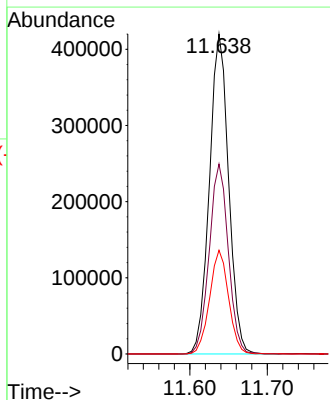
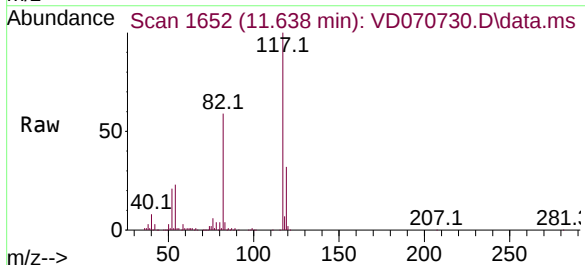
Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

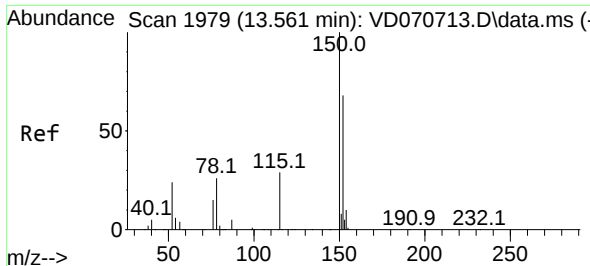
Tgt Ion:	95	Resp:	306247
Ion Ratio	Lower	Upper	
95	100		
174	75.1	0.0	138.0
176	72.1	0.0	135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion:	117	Resp:	722541
Ion Ratio	Lower	Upper	
117	100		
82	59.4	45.4	68.2
119	32.4	24.7	37.1

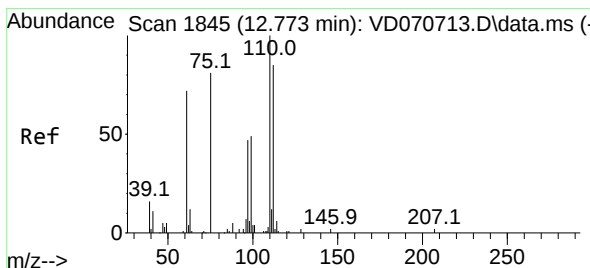
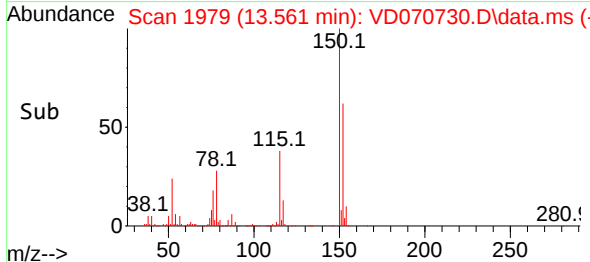
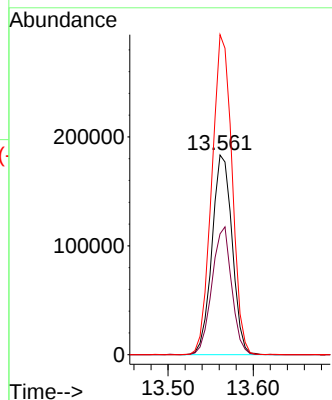
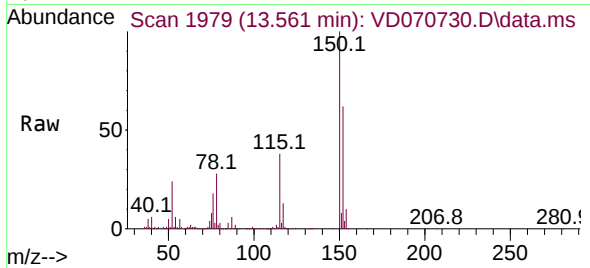




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

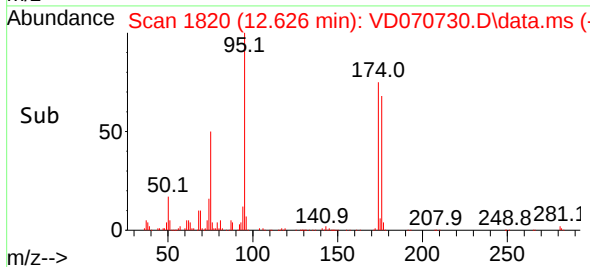
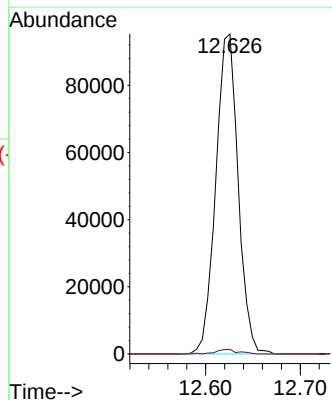
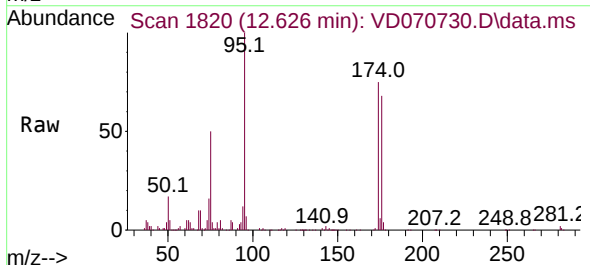
Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

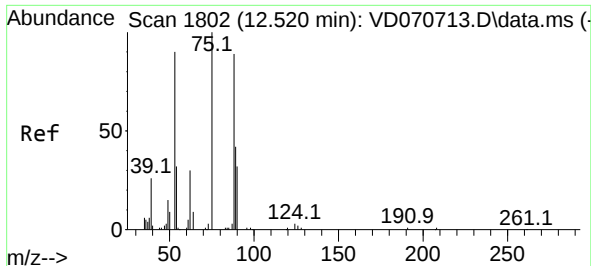
Tgt Ion:152 Resp: 301971
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.7
150 160.6 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 59.989 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 75 Resp: 156506
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

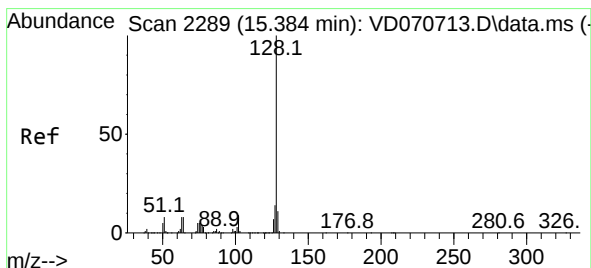
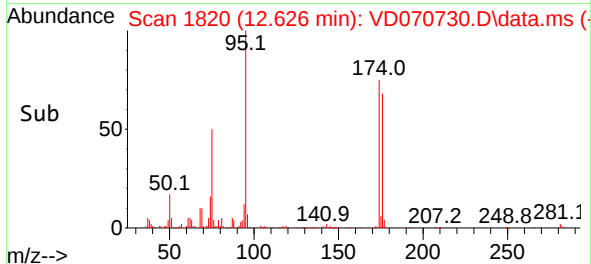
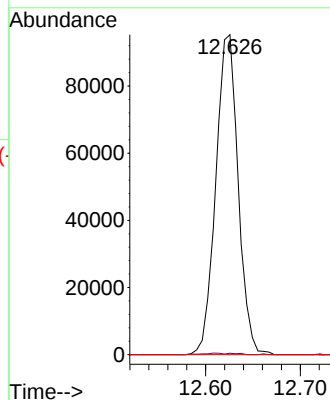
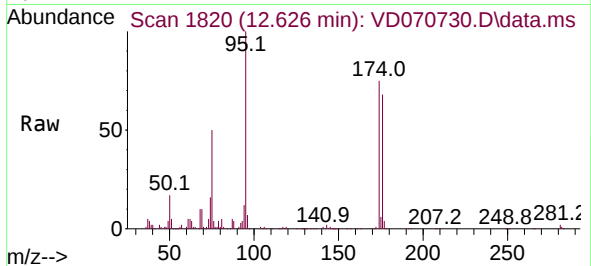




#81
trans-1,4-Dichloro-2-butene
Concen: 131.395 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Instrument :
MSVOA_D
ClientSampleId :
TP2-(D)

Tgt Ion: 75 Resp: 156506
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 4.890 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD070730.D
Acq: 18 Oct 2021 15:19

Tgt Ion: 128 Resp: 1057
Ion Ratio Lower Upper
128 100
127 13.9 10.9 16.3
129 8.0 8.6 12.8#

