

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091321\
 Data File : VD070329.D
 Acq On : 13 Sep 2021 16:27
 Operator : VA/SY
 Sample : M3707-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021

Quant Time: Sep 14 00:54:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	13945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	29786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	47055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	22288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	16865	94.188	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 188.380%#			
35) Dibromofluoromethane	7.914	113	9810	46.269	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.540%			
50) Toluene-d8	10.338	98	45274	58.813	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 117.620%			
62) 4-Bromofluorobenzene	12.626	95	23738	88.234	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 176.460%#			
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	497	Below Cal	#	72
4) Vinyl Chloride	2.326	62	240	1.094	ug/l #	44
5) Bromomethane	2.797	94	916	1.864	ug/l #	80
6) Chloroethane	2.791	64	68	Below Cal	#	43
10) Methyl Iodide	4.315	142	459	3.634	ug/l #	58
15) Acrylonitrile	5.332	53	68	1.779	ug/l #	18
16) Acetone	4.144	43	56	1.752	ug/l #	36
18) Methyl Acetate	4.644	43	57	Below Cal	#	48
20) Methylene Chloride	4.956	84	1394	Below Cal	#	87
25) 2-Butanone	7.403	43	66	1.551	ug/l #	47
29) Tetrahydrofuran	7.573	42	127	4.649	ug/l #	29
31) Cyclohexane	7.973	56	495	1.605	ug/l #	20
36) 1,1-Dichloropropene	7.967	75	1199	3.766	ug/l #	41
39) Methylcyclohexane	9.344	83	718	2.019	ug/l #	63
41) Methacrylonitrile	7.514	41	73	1.165	ug/l #	16
46) Dibromomethane	9.455	93	1381	10.956	ug/l #	7
47) Bromodichloromethane	9.638	83	798	2.482	ug/l #	23
48) Methyl methacrylate	9.438	41	937	9.219	ug/l #	42
49) 1,4-Dioxane	9.573	88	61	48.316	ug/l #	1
51) 4-Methyl-2-Pentanone	10.202	43	192	1.686	ug/l #	32
55) 1,1,2-Trichloroethane	10.779	97	1240	7.151	ug/l #	66
56) Ethyl methacrylate	10.620	69	605	3.196	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.926	63	96	1.052	ug/l #	1
59) 2-Hexanone	11.097	43	146	1.921	ug/l	85
60) Dibromochloromethane	11.155	129	1216	6.026	ug/l	58
61) 1,2-Dibromoethane	11.514	107	318	1.994	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.744	131	471	1.319	ug/l #	8
71) Bromoform	12.355	173	462	2.618	ug/l #	1
73) Isopropylbenzene	12.461	105	2479	1.586	ug/l	84
74) N-amyl acetate	12.261	43	2454	7.206	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.696	83	13334	39.831	ug/l #	26
76) 1,2,3-Trichloropropane	12.855	75	873	3.872	ug/l #	1
77) Bromobenzene	12.949	156	355914	986.973	ug/l #	1
78) n-propylbenzene	12.808	91	3563	1.756	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.514	75	4103	45.600	ug/l #	35
85) sec-Butylbenzene	13.396	105	2295	1.335	ug/l	88

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Quant Time: Sep 14 00:54:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

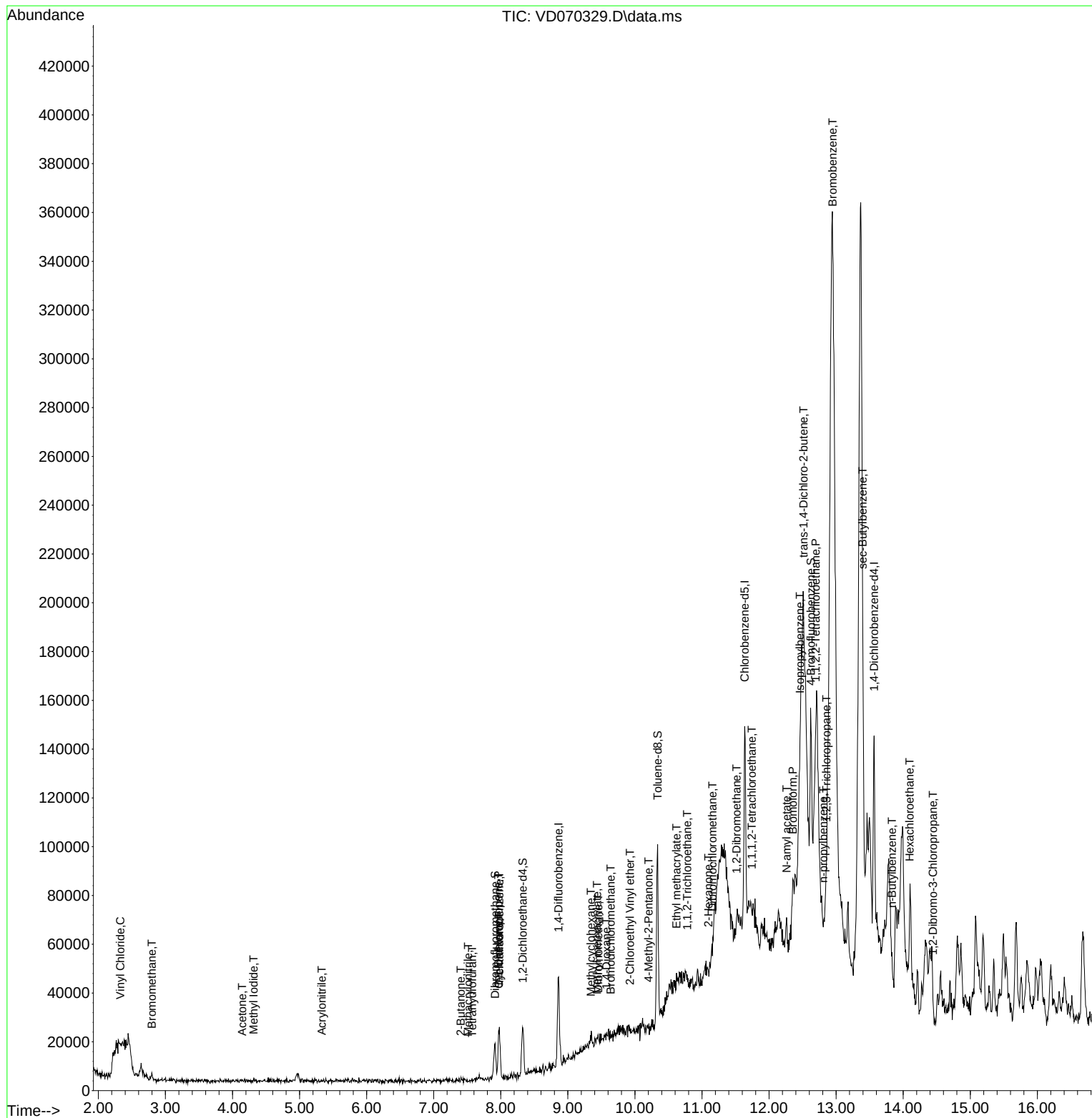
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.832	91	2260	1.641	ug/l #	42
90) Hexachloroethane	14.096	117	3106	9.820	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.443	75	234	4.667	ug/l	69

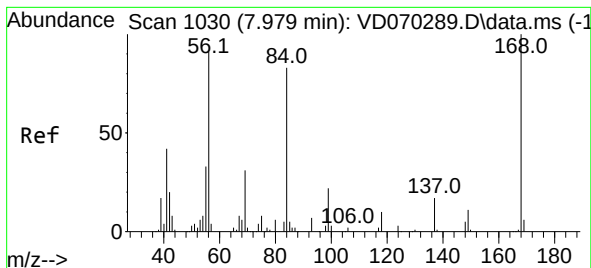
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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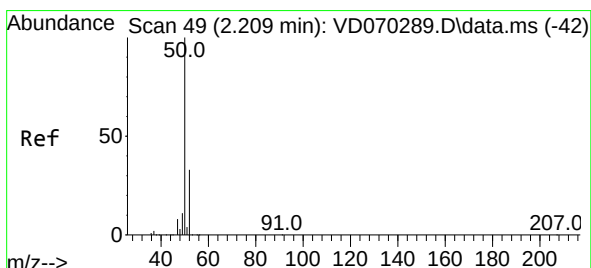
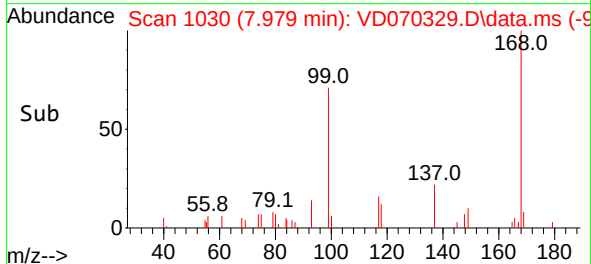
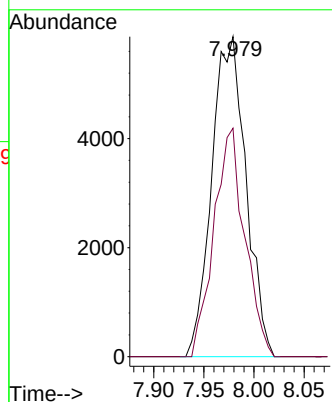
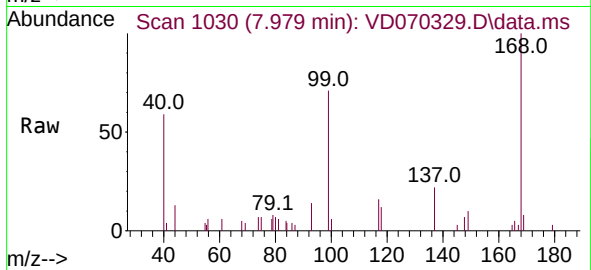




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

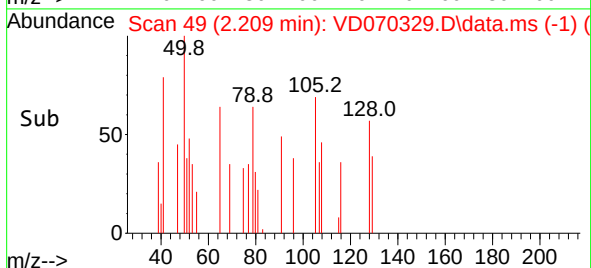
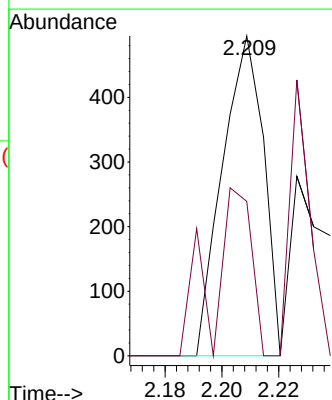
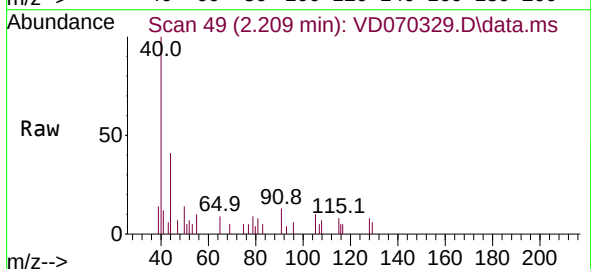
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

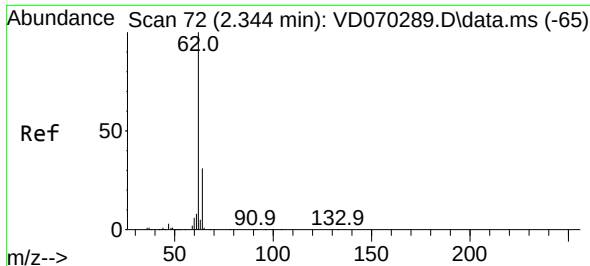
Tgt Ion:168 Resp: 13945
Ion Ratio Lower Upper
168 100
99 71.4 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 50 Resp: 497
Ion Ratio Lower Upper
50 100
52 48.3 26.2 39.2#

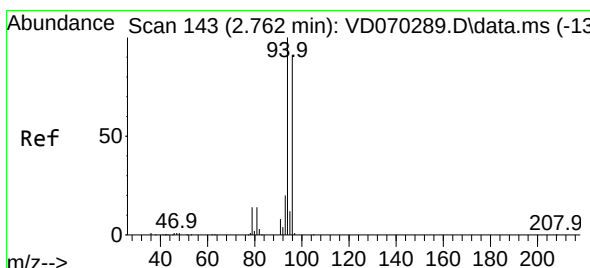
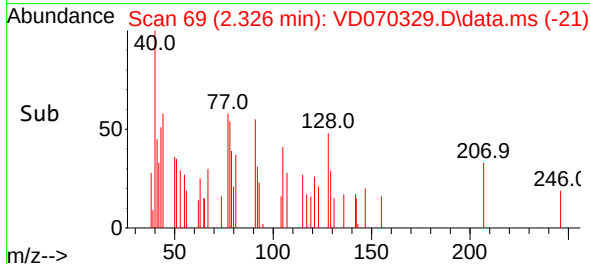
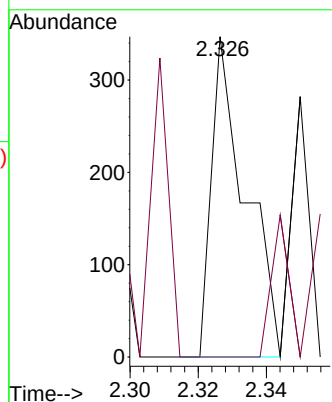
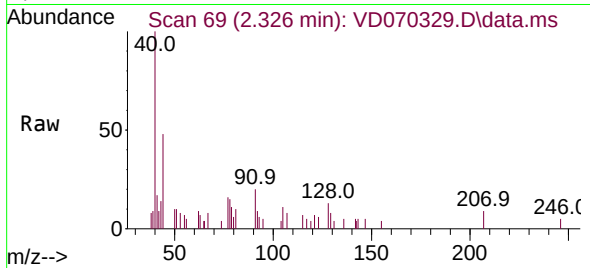




#4
 Vinyl Chloride
 Concen: 1.094 ug/l
 RT: 2.326 min Scan# 69
 Delta R.T. -0.018 min
 Lab File: VD070329.D
 Acq: 13 Sep 2021 16:27

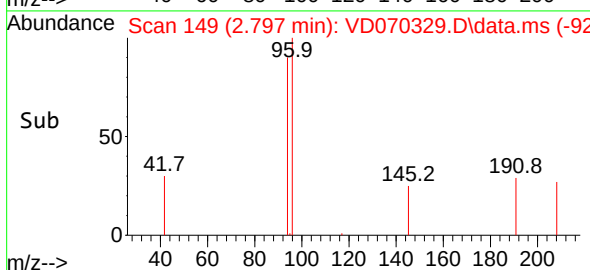
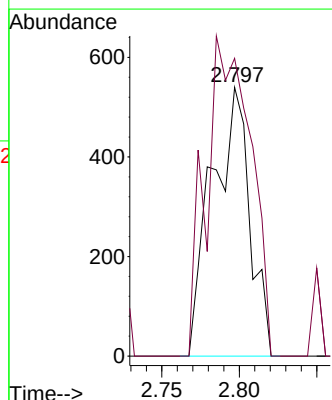
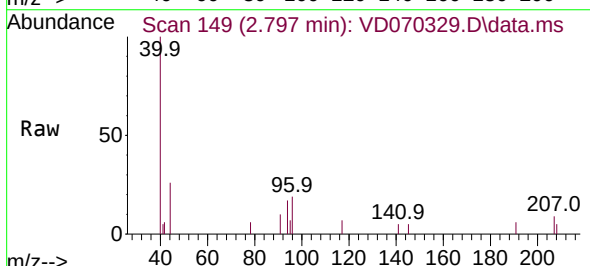
Instrument :
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 ClientSampleID :
 PL-02-091021

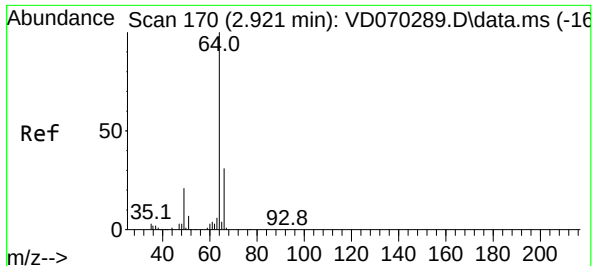
Tgt Ion: 62 Resp: 240
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.6 36.8#



#5
 Bromomethane
 Concen: 1.864 ug/l
 RT: 2.797 min Scan# 149
 Delta R.T. 0.035 min
 Lab File: VD070329.D
 Acq: 13 Sep 2021 16:27

Tgt Ion: 94 Resp: 916
 Ion Ratio Lower Upper
 94 100
 96 110.7 73.0 109.6#

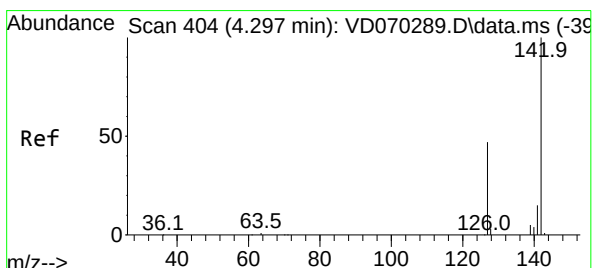
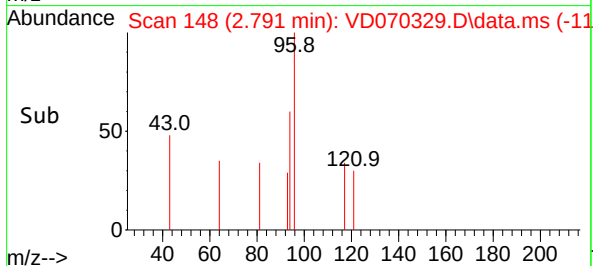
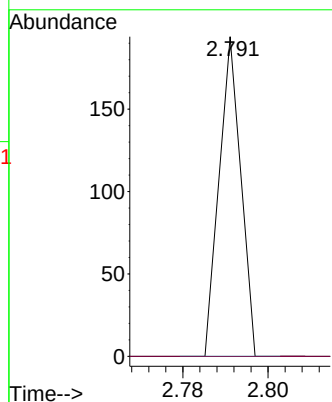
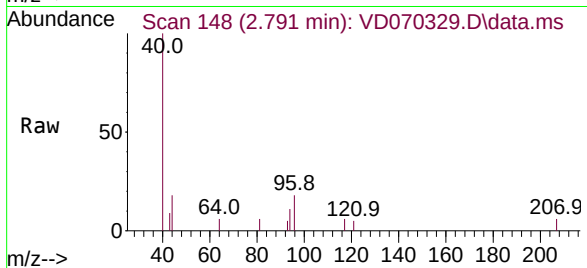




#6
Chloroethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. -0.130 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

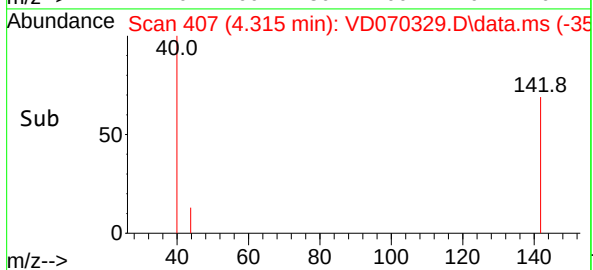
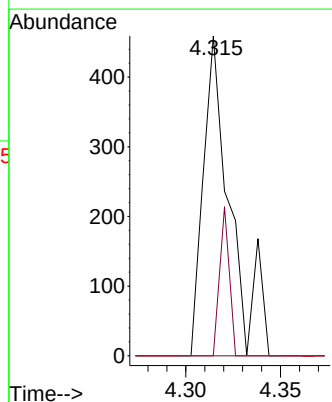
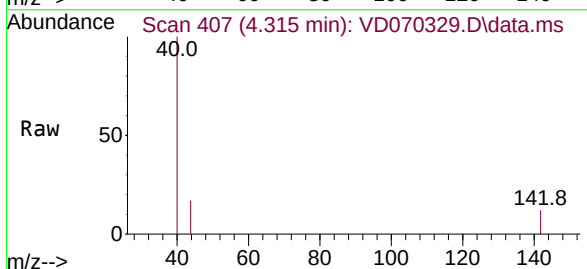
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

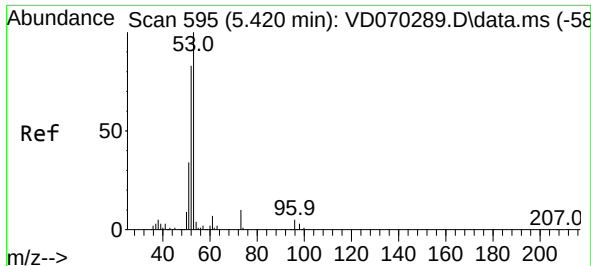
Tgt Ion: 64 Resp: 68
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 3.634 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.018 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 142 Resp: 459
Ion Ratio Lower Upper
142 100
127 16.6 36.9 55.3#
141 0.0 11.8 17.6#

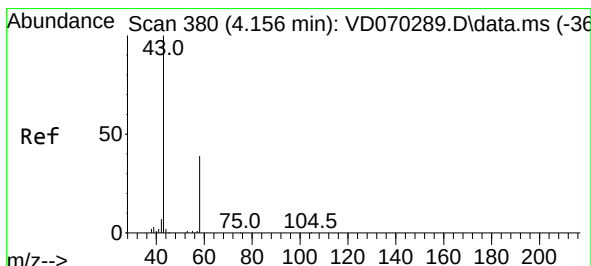
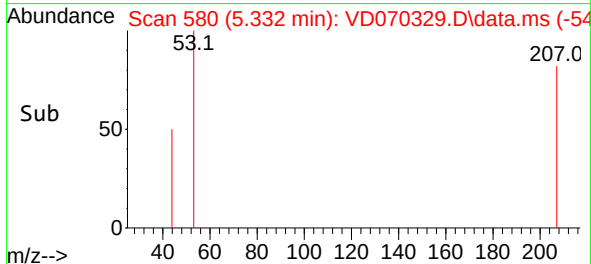
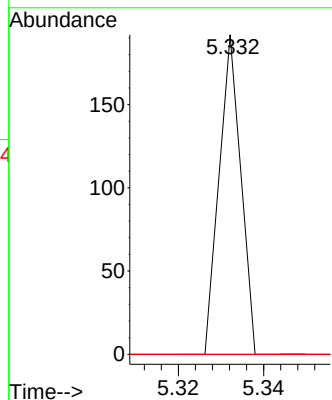
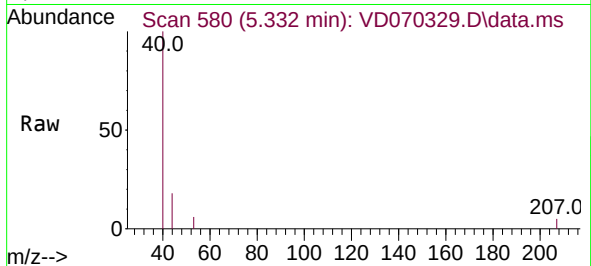




#15
Acrylonitrile
Concen: 1.779 ug/l
RT: 5.332 min Scan# 580
Delta R.T. -0.088 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

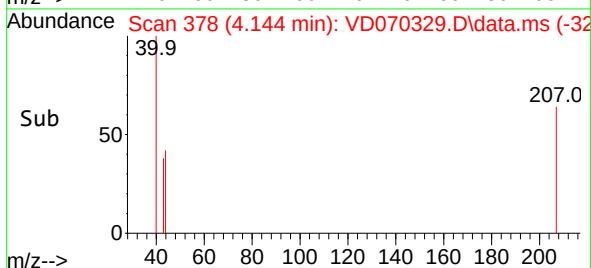
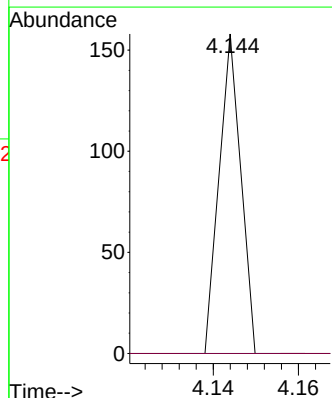
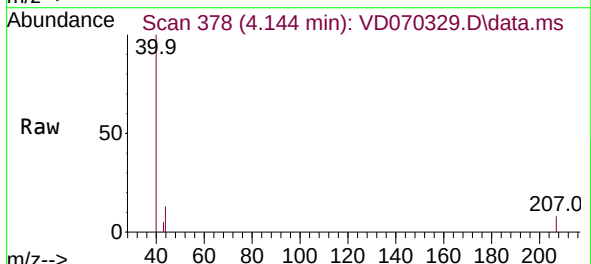
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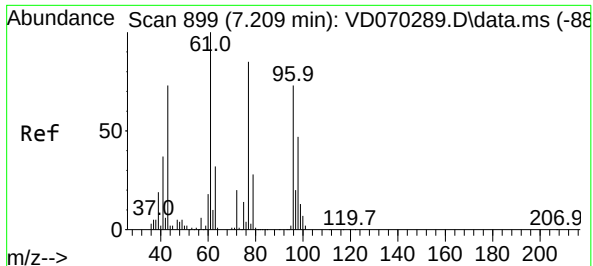
Tgt Ion: 53 Resp: 68
Ion Ratio Lower Upper
53 100
52 0.0 64.6 97.0#
51 0.0 27.8 41.8#



#16
Acetone
Concen: 1.752 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 30.9 46.3#

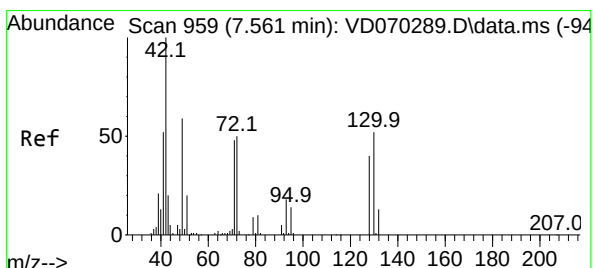
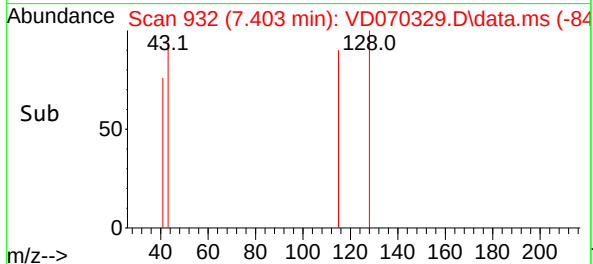
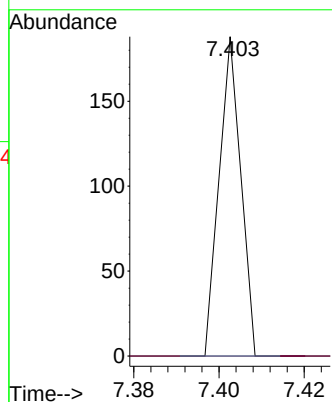
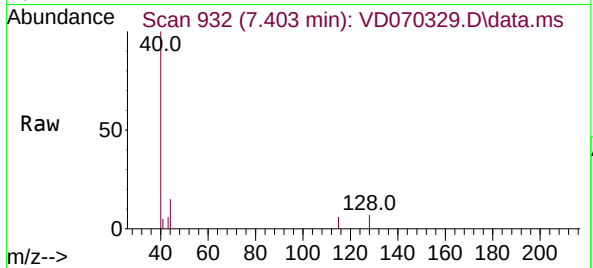




#25
2-Butanone
Concen: 1.551 ug/l
RT: 7.403 min Scan# 932
Delta R.T. 0.194 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

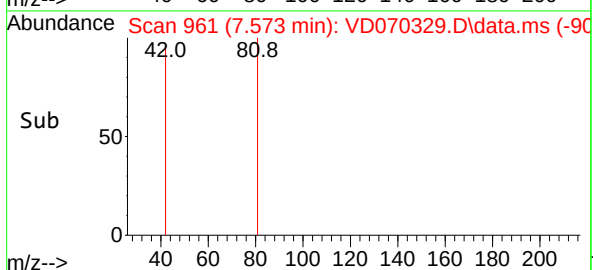
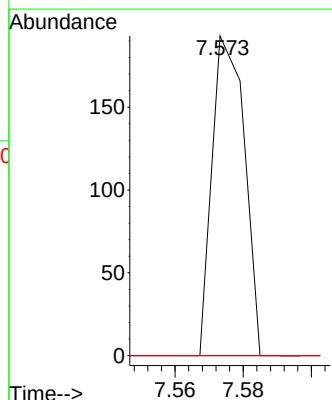
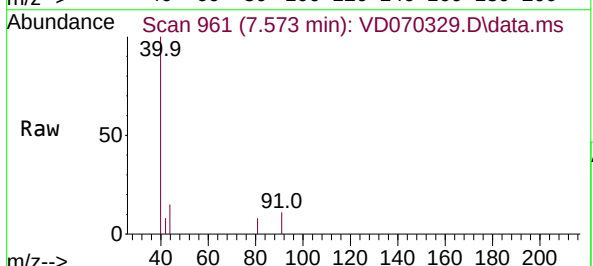
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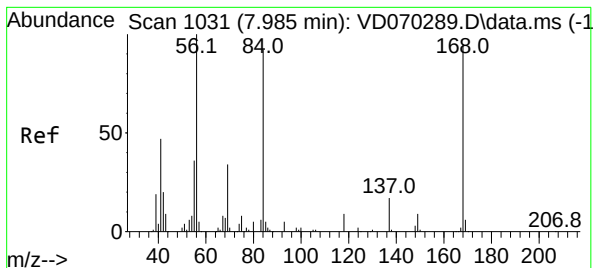
Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.4#



#29
Tetrahydrofuran
Concen: 4.649 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 42 Resp: 127
Ion Ratio Lower Upper
42 100
72 0.0 38.8 58.2#
71 0.0 37.8 56.6#

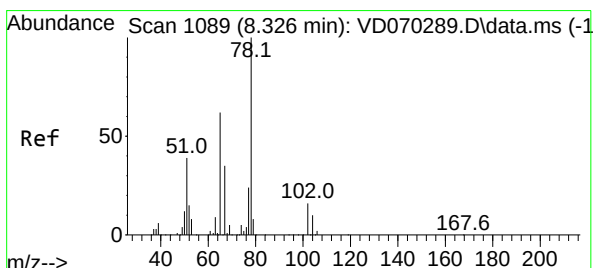
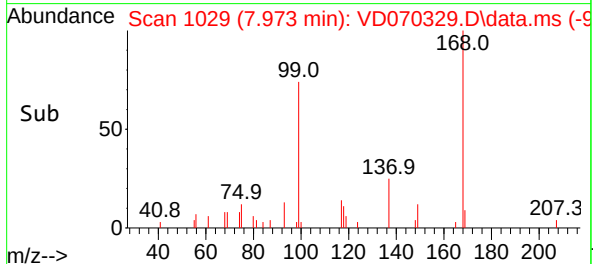
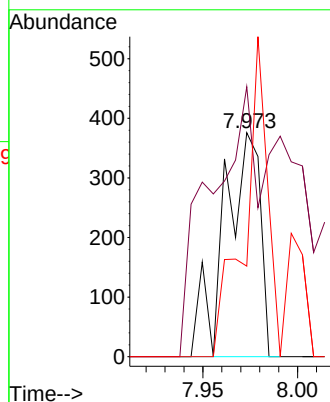
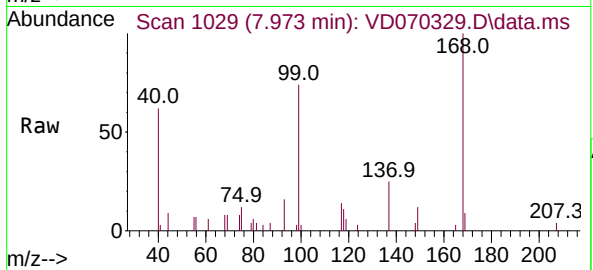




#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

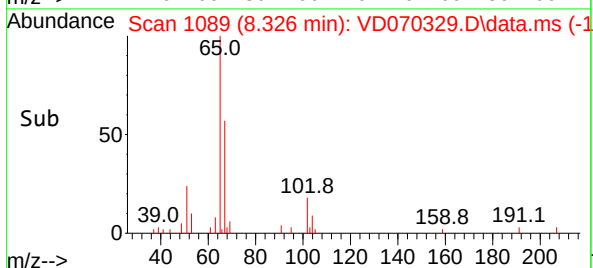
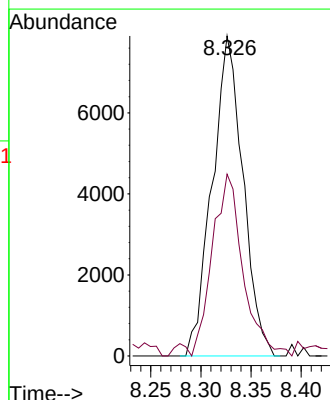
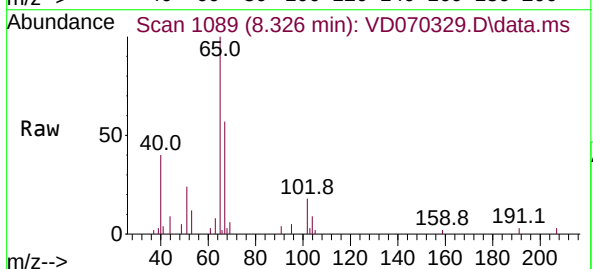
Instrument :
MSVOA_D
ClientSampled :
PL-02-091021

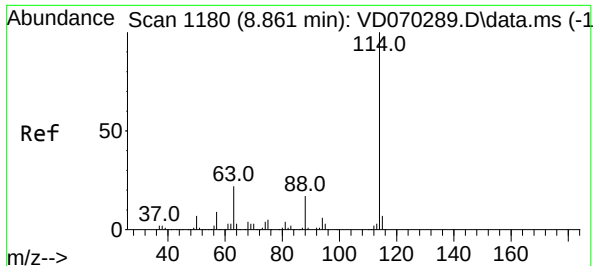
Tgt Ion: 56 Resp: 495
Ion Ratio Lower Upper
56 100
69 120.5 26.9 40.3#
84 40.4 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 94.188 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 65 Resp: 16865
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.4



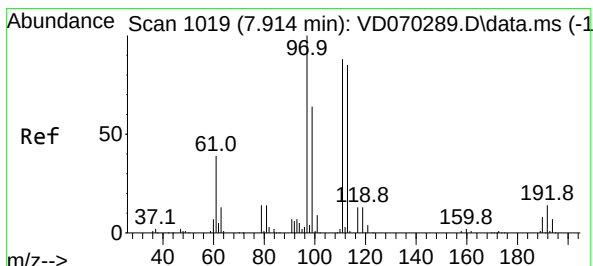
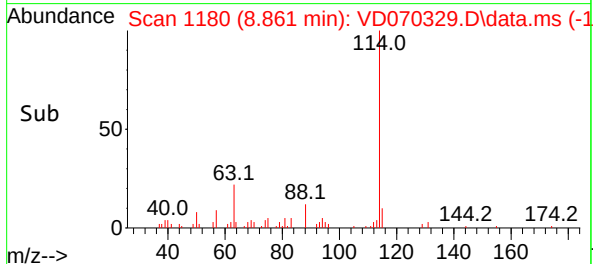
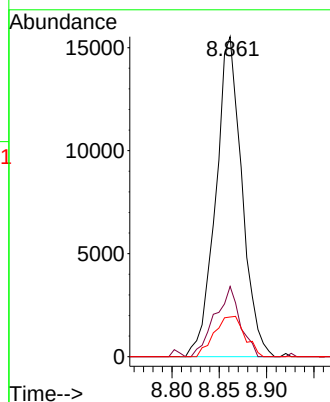
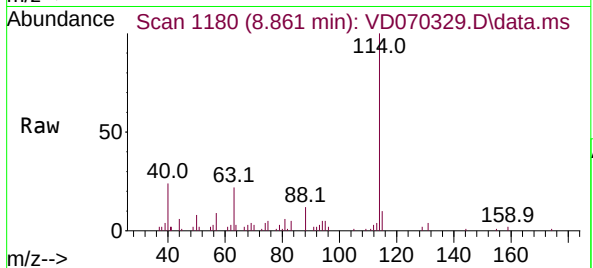


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

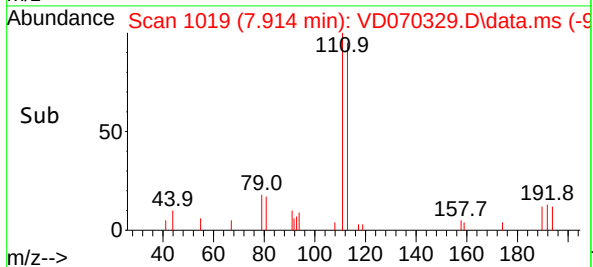
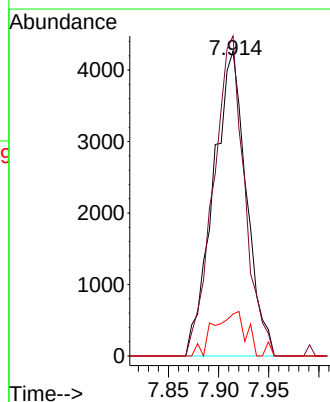
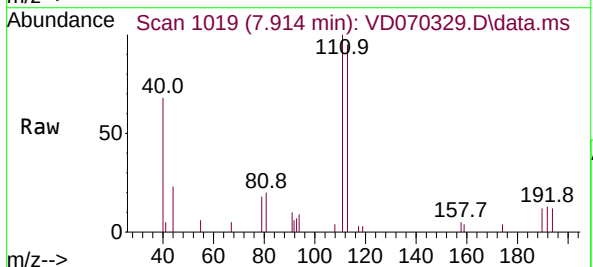
Tgt Ion:	114	Resp:	29786
Ion Ratio	Lower	Upper	
114	100		
63	21.9	0.0	43.4
88	12.4	0.0	33.4

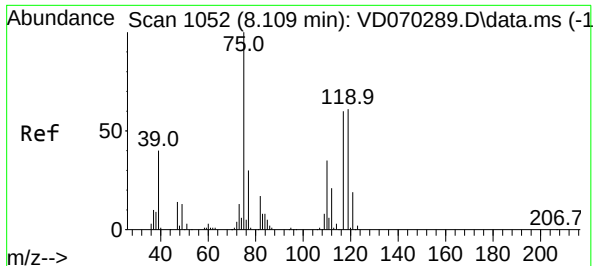


#35

Dibromofluoromethane
Concen: 46.269 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	113	Resp:	9810
Ion Ratio	Lower	Upper	
113	100		
111	98.2	81.4	122.2
192	14.0	13.0	19.6

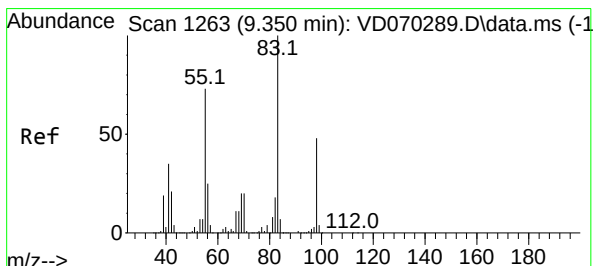
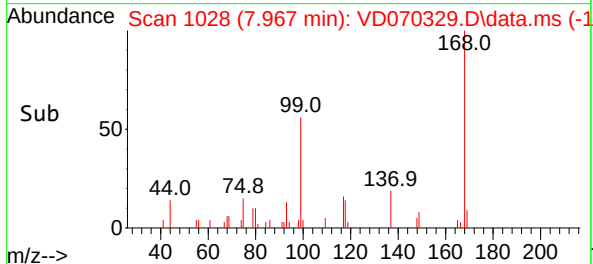
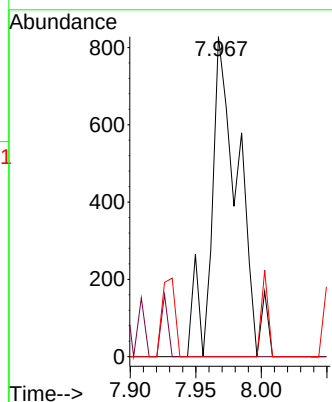
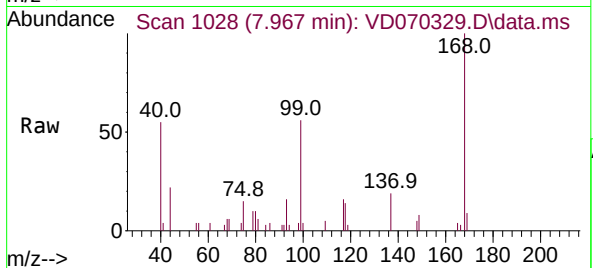




#36
1,1-Dichloropropene
Concen: 3.766 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

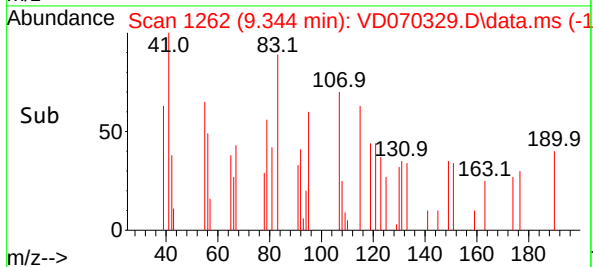
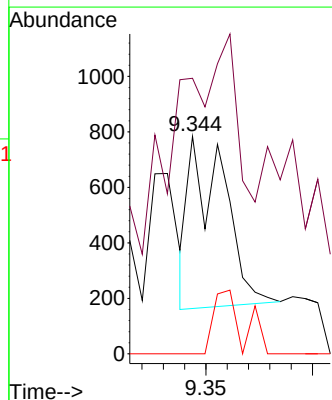
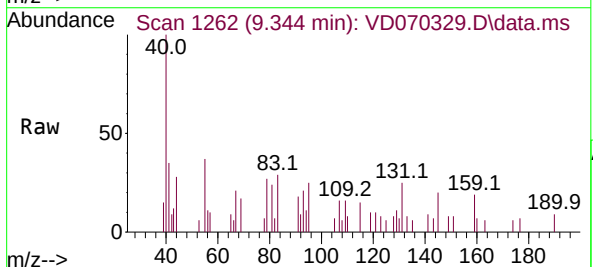
Instrument :
MSVOA_D
ClientSampled :
PL-02-091021

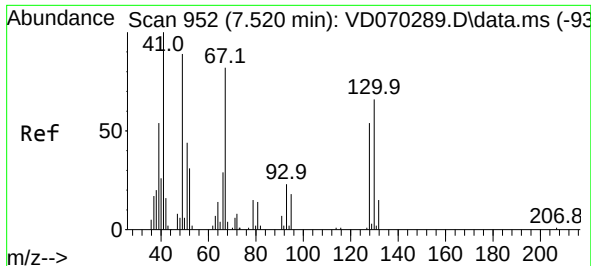
Tgt Ion: 75 Resp: 1199
Ion Ratio Lower Upper
75 100
110 0.0 17.9 53.7#
77 0.0 25.3 37.9#



#39
Methylcyclohexane
Concen: 2.019 ug/l
RT: 9.344 min Scan# 1262
Delta R.T. -0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 83 Resp: 718
Ion Ratio Lower Upper
83 100
55 61.4 58.5 87.7
98 0.0 38.4 57.6#

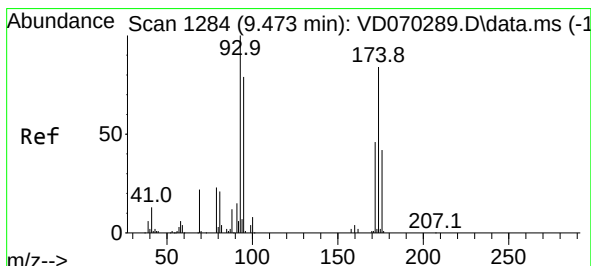
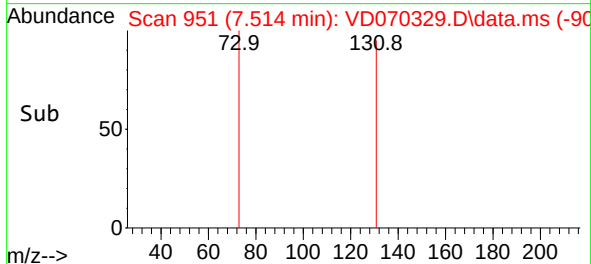
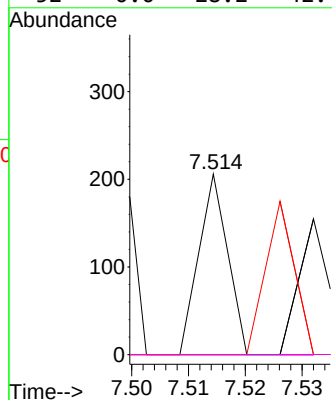
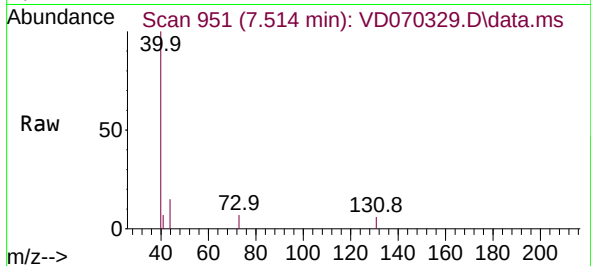




#41
Methacrylonitrile
Concen: 1.165 ug/l
RT: 7.514 min Scan# 951
Delta R.T. -0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

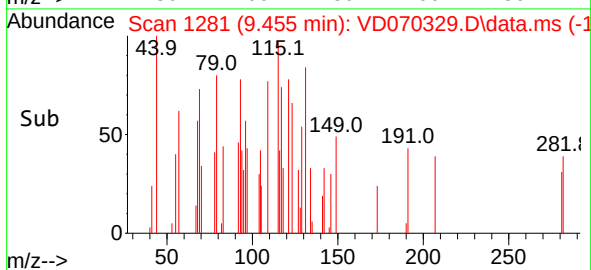
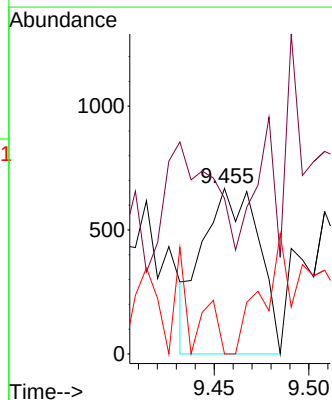
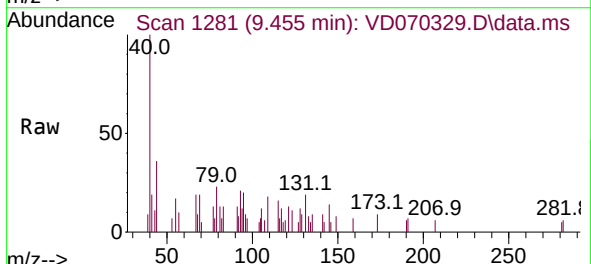
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

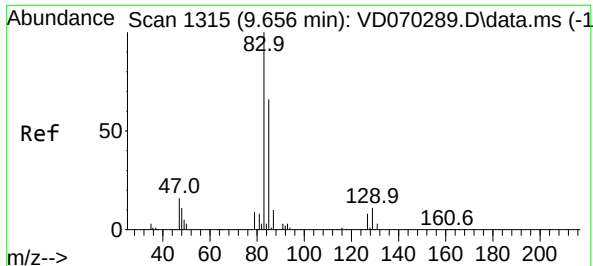
Tgt Ion:	41	Resp:	73
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.7	68.5#
67	0.0	74.0	111.0#
52	0.0	28.2	42.4#



#46
Dibromomethane
Concen: 10.956 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.018 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	93	Resp:	1381
Ion	Ratio	Lower	Upper
93	100		
95	0.0	67.3	100.9#
174	0.0	69.2	103.8#

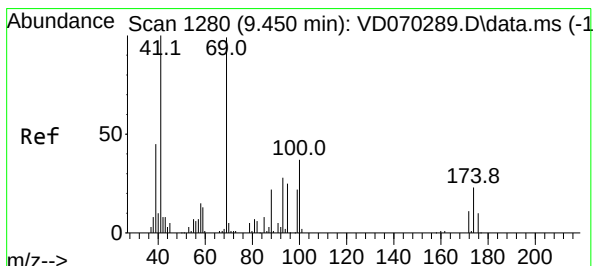
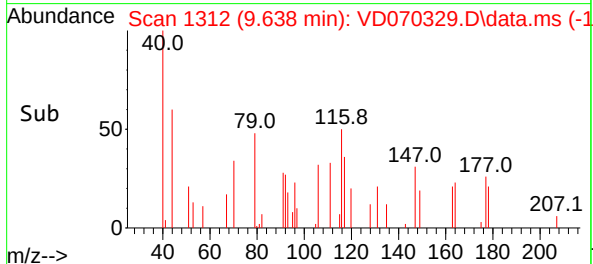
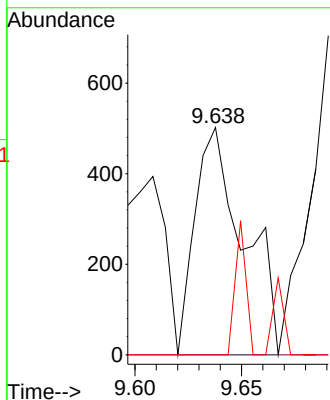
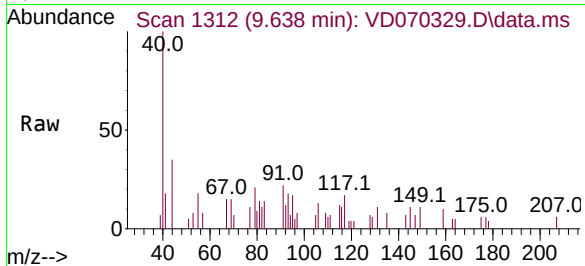




#47
Bromodichloromethane
Concen: 2.482 ug/l
RT: 9.638 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

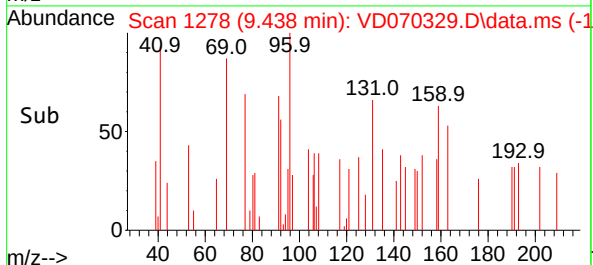
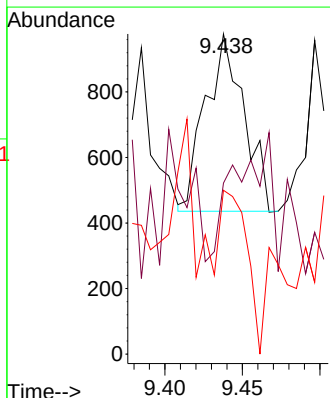
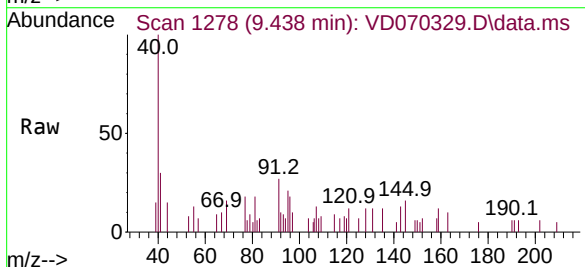
Instrument :
MSVOA_D
ClientSampled :
PL-02-091021

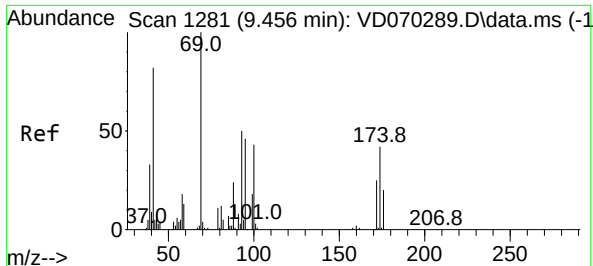
Tgt Ion:	83	Resp:	798
Ion	Ratio	Lower	Upper
83	100		
85	0.0	53.0	79.6#
127	0.0	6.3	9.5#



#48
Methyl methacrylate
Concen: 9.219 ug/l
RT: 9.438 min Scan# 1278
Delta R.T. -0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	41	Resp:	937
Ion	Ratio	Lower	Upper
41	100		
69	30.4	79.8	119.8#
39	63.3	34.4	51.6#

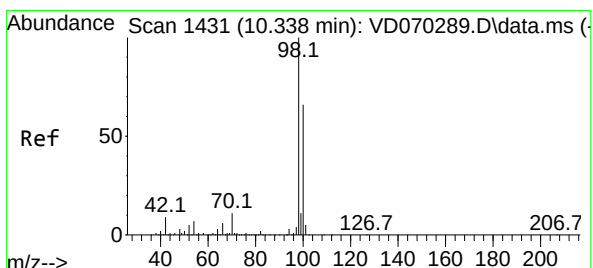
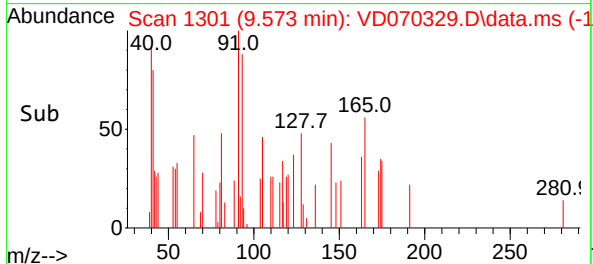
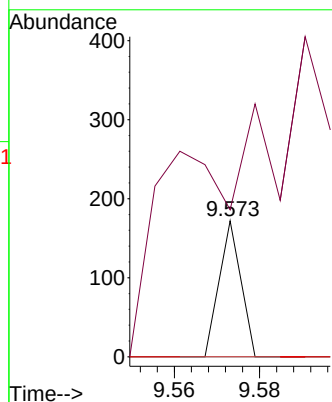
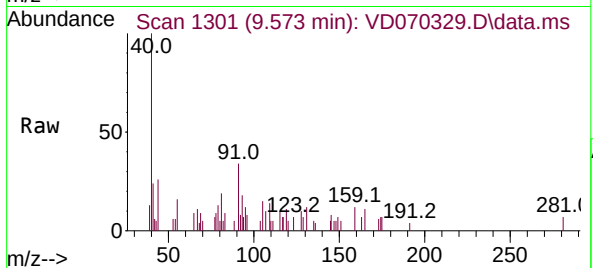




#49
1,4-Dioxane
Concen: 48.316 ug/l
RT: 9.573 min Scan# 1301
Delta R.T. 0.118 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

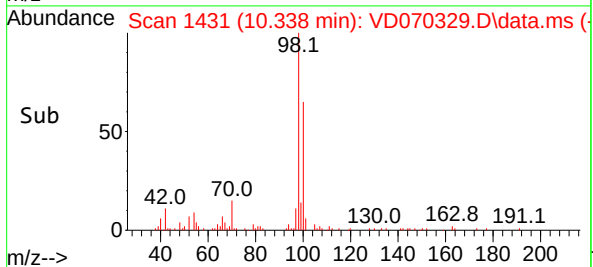
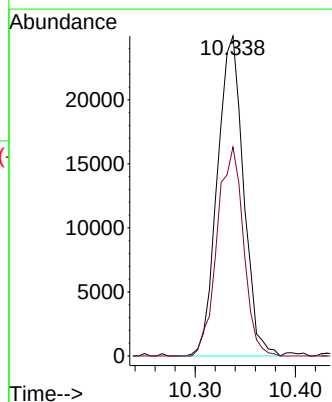
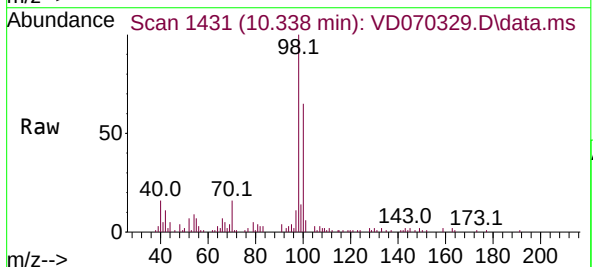
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

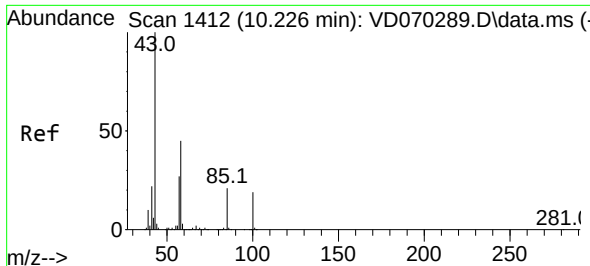
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 523.0 22.4 33.6#
58 0.0 54.2 81.4#



#50
Toluene-d8
Concen: 58.813 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 98 Resp: 45274
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

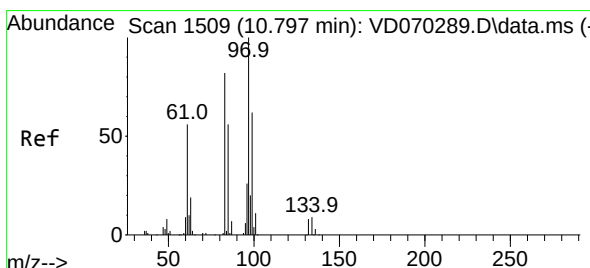
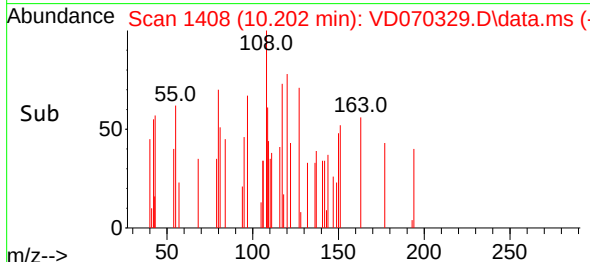
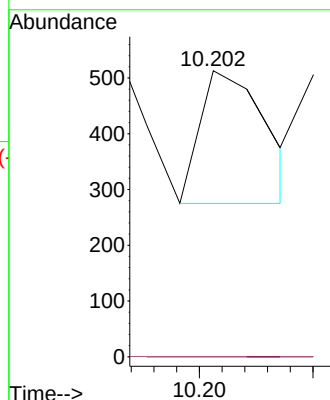
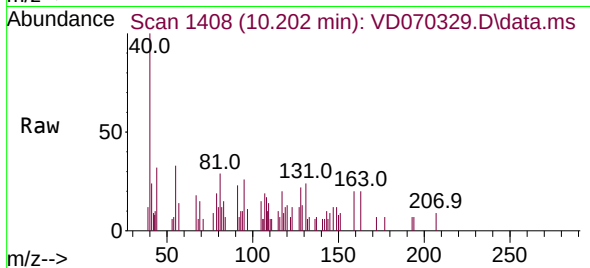




#51
4-Methyl-2-Pentanone
Concen: 1.686 ug/l
RT: 10.202 min Scan# 1408
Delta R.T. -0.024 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

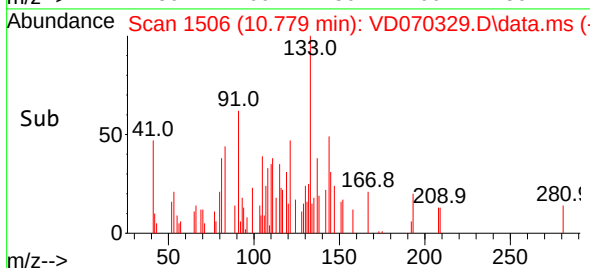
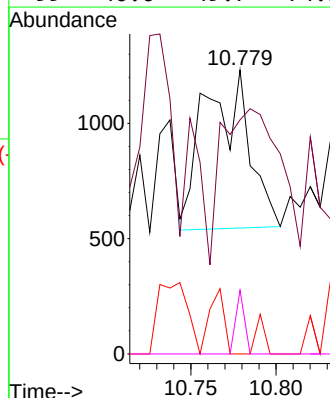
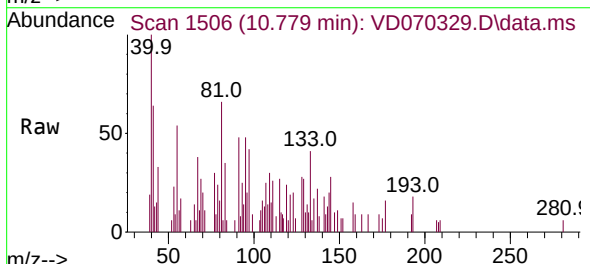
Instrument :
MSVOA_D
ClientSampled :
PL-02-091021

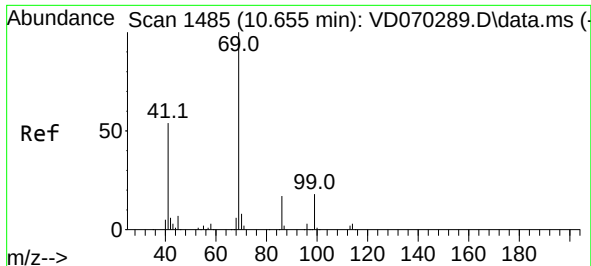
Tgt Ion: 43 Resp: 192
Ion Ratio Lower Upper
43 100
58 0.0 35.4 53.2#



#55
1,1,2-Trichloroethane
Concen: 7.151 ug/l
RT: 10.779 min Scan# 1506
Delta R.T. -0.018 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 97 Resp: 1240
Ion Ratio Lower Upper
97 100
83 74.4 65.3 97.9
85 0.0 44.8 67.2#
99 40.6 49.7 74.5#

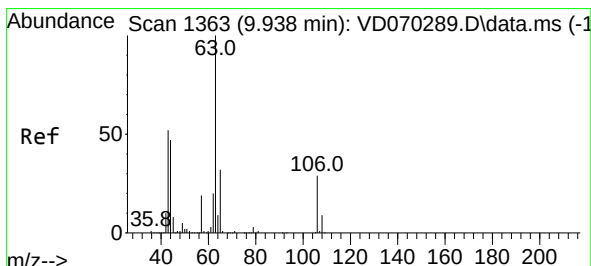
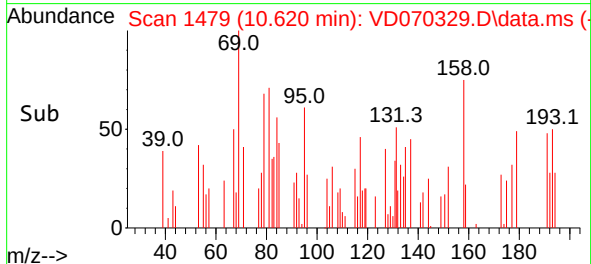
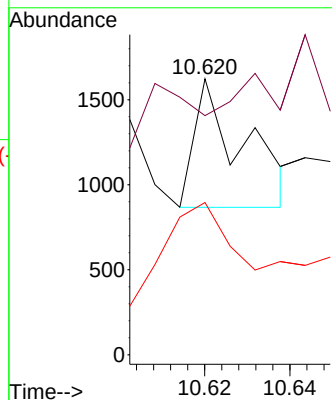
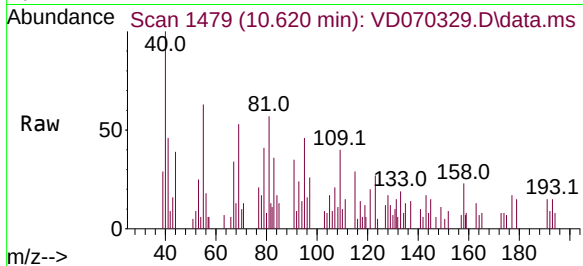




#56
Ethyl methacrylate
Concen: 3.196 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.035 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

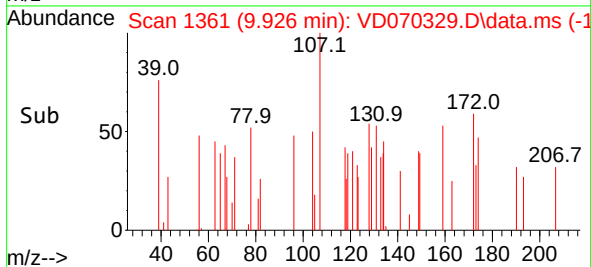
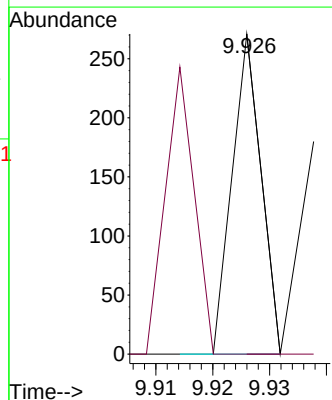
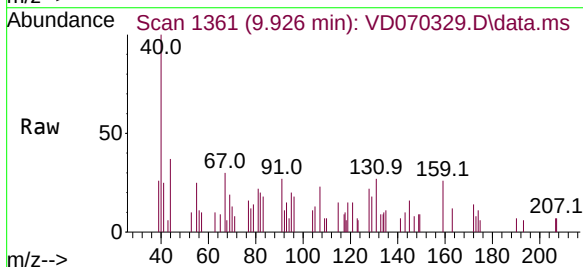
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

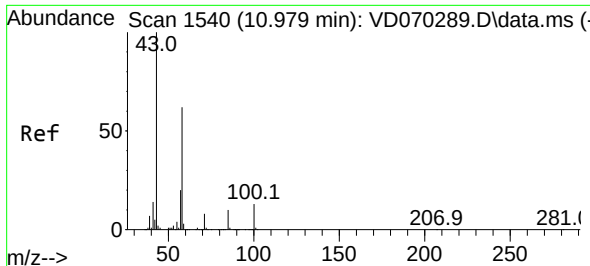
Tgt Ion: 69 Resp: 605
Ion Ratio Lower Upper
69 100
41 0.0 43.6 65.4#
39 151.9 18.6 28.0#



#58
2-Chloroethyl Vinyl ether
Concen: 1.052 ug/l
RT: 9.926 min Scan# 1361
Delta R.T. -0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 63 Resp: 96
Ion Ratio Lower Upper
63 100
106 89.6 22.3 33.5#

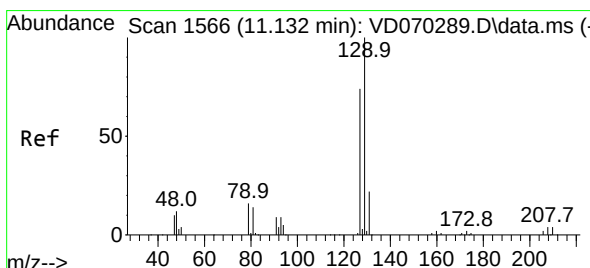
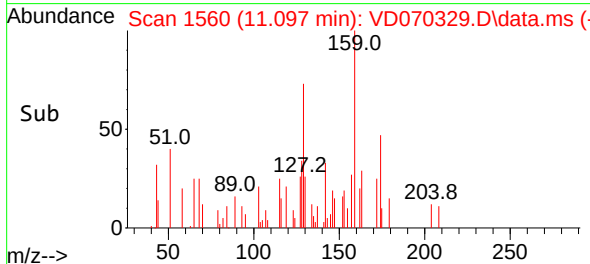
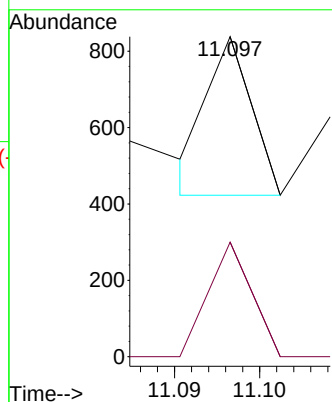
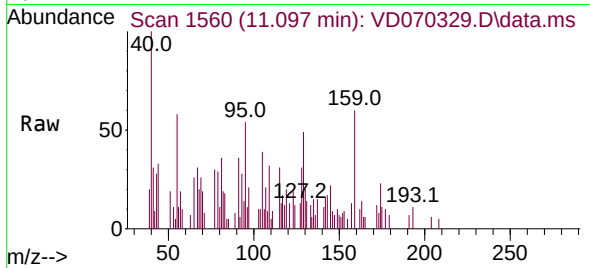




#59
2-Hexanone
Concen: 1.921 ug/l
RT: 11.097 min Scan# 1560
Delta R.T. 0.118 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

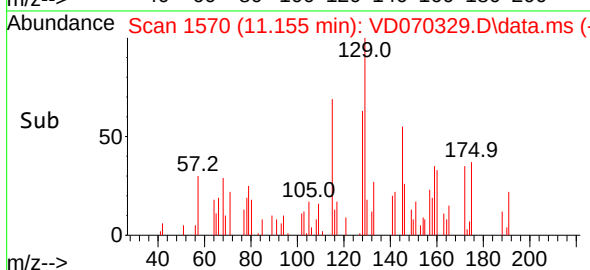
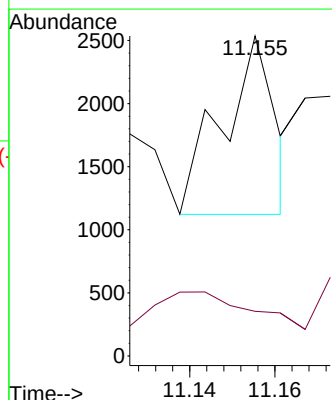
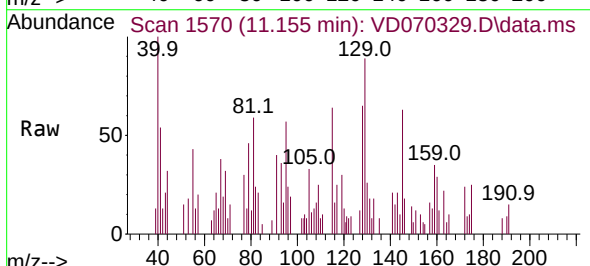
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

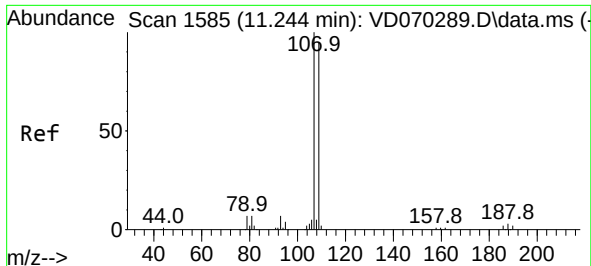
Tgt Ion: 43 Resp: 146
Ion Ratio Lower Upper
43 100
58 72.6 30.6 91.6



#60
Dibromochloromethane
Concen: 6.026 ug/l
RT: 11.155 min Scan# 1570
Delta R.T. 0.023 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 129 Resp: 1216
Ion Ratio Lower Upper
129 100
127 39.6 38.0 114.0

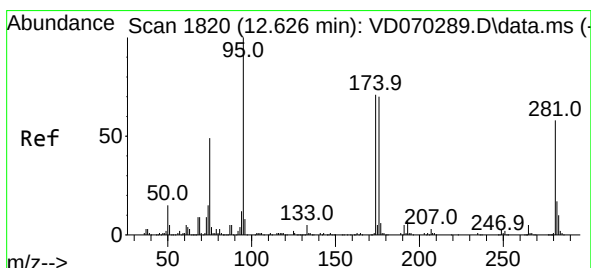
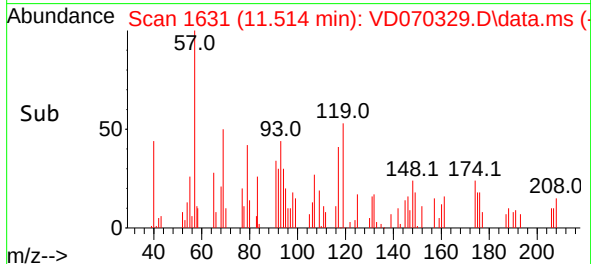
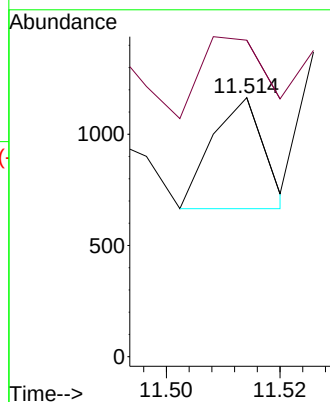
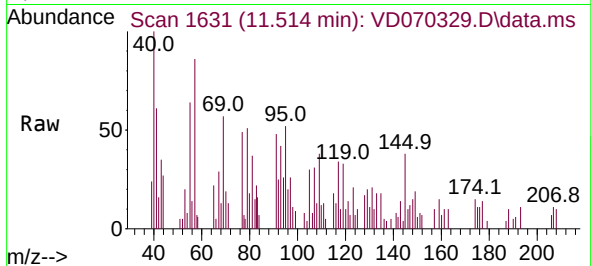




#61
1,2-Dibromoethane
Concen: 1.994 ug/l
RT: 11.514 min Scan# 1631
Delta R.T. 0.270 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

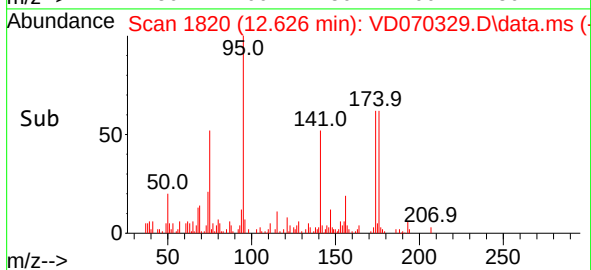
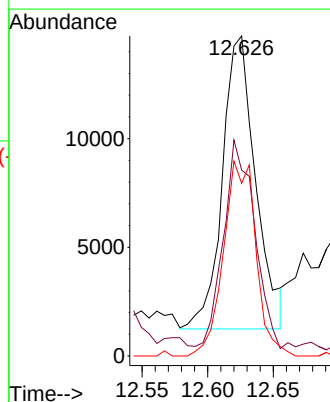
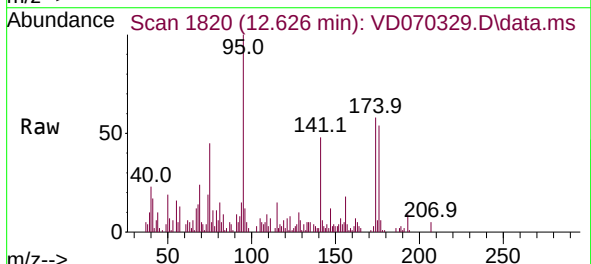
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

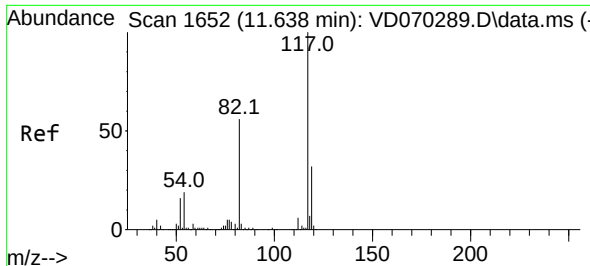
Tgt Ion:107 Resp: 318
Ion Ratio Lower Upper
107 100
109 89.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 88.234 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 95 Resp: 23738
Ion Ratio Lower Upper
95 100
174 65.5 0.0 140.6
176 64.8 0.0 137.4

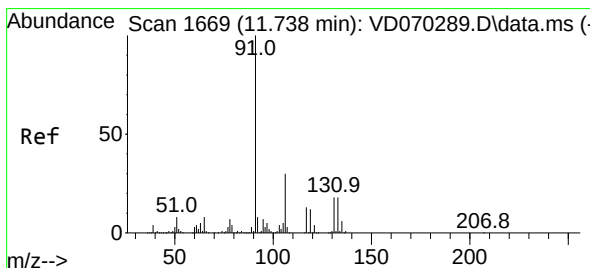
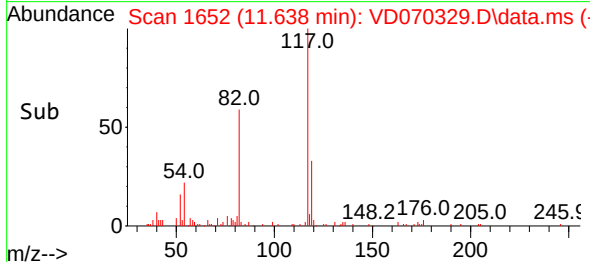
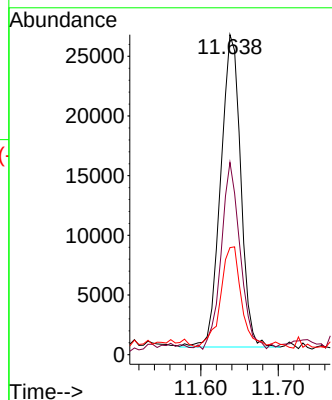
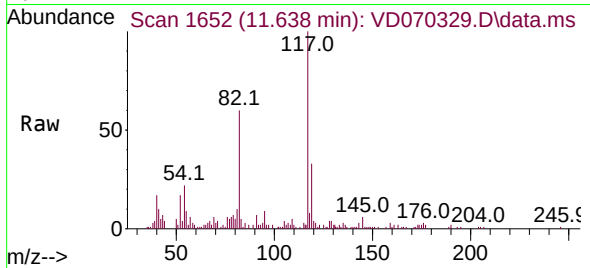




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

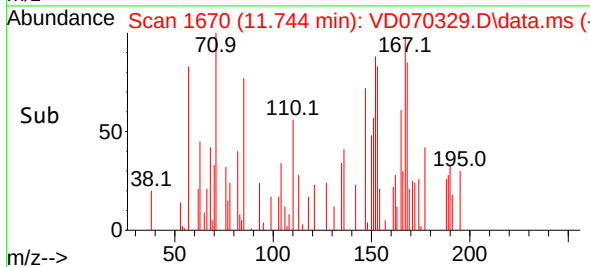
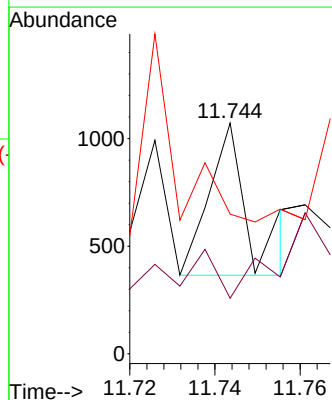
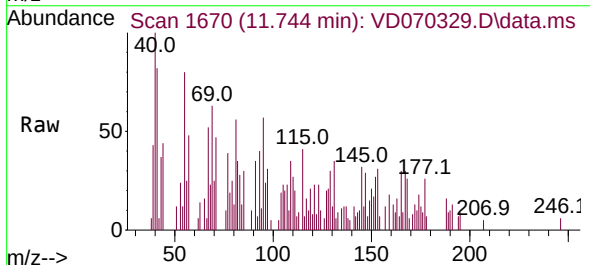
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

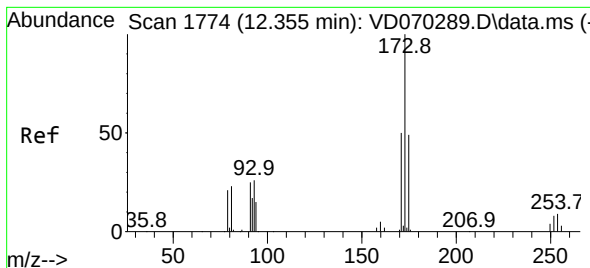
Tgt Ion:	117	Resp:	47055
Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.0	67.4
119	30.9	25.2	37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 1.319 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion:	131	Resp:	471
Ion	Ratio	Lower	Upper
131	100		
133	0.0	48.4	145.2#
119	0.0	33.5	100.5#





#71

Bromoform

Concen: 2.618 ug/l

RT: 12.355 min Scan# 1774

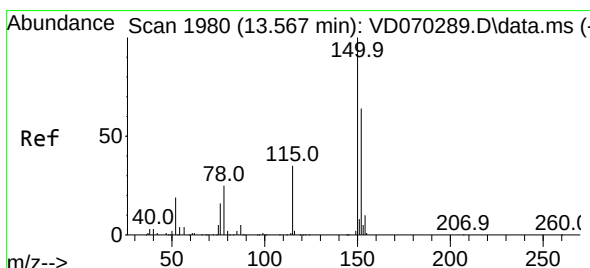
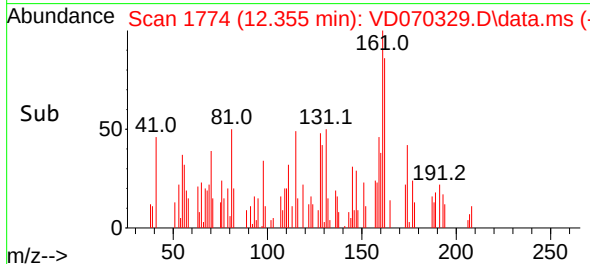
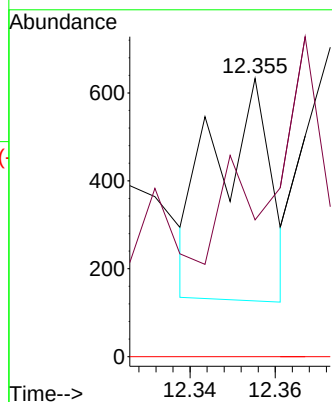
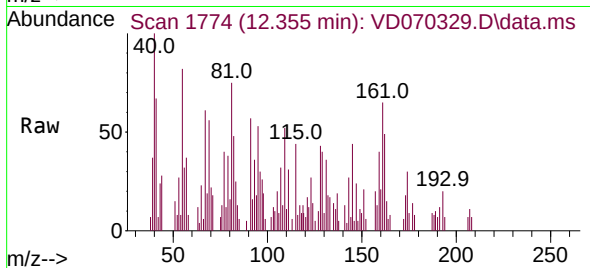
Delta R.T. -0.000 min

Lab File: VD070329.D

Acq: 13 Sep 2021 16:27

Tgt Ion:	173	Resp:	462
Ion Ratio	Lower	Upper	
173	100		
175	122.7	25.1	75.2#
254	0.0	0.1	0.1#

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

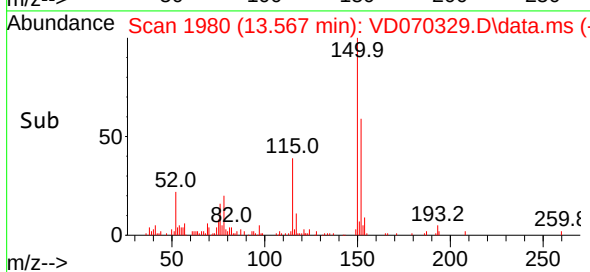
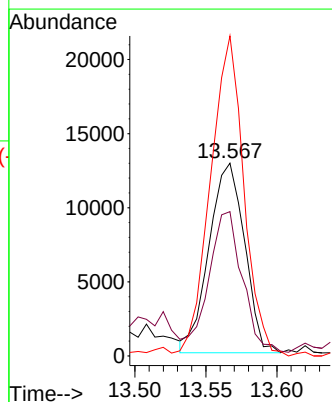
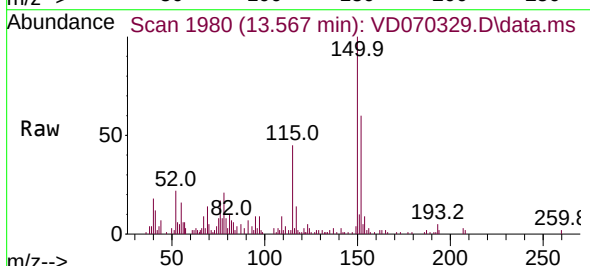
RT: 13.567 min Scan# 1980

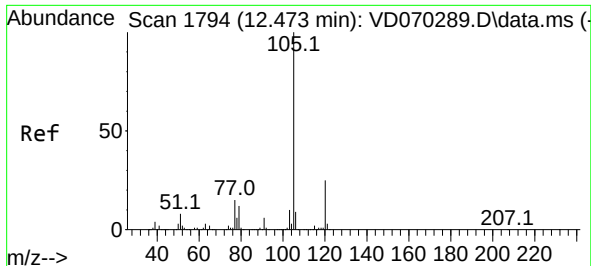
Delta R.T. -0.000 min

Lab File: VD070329.D

Acq: 13 Sep 2021 16:27

Tgt Ion:	152	Resp:	22288
Ion Ratio	Lower	Upper	
152	100		
115	70.0	32.1	96.3
150	160.7	0.0	350.6

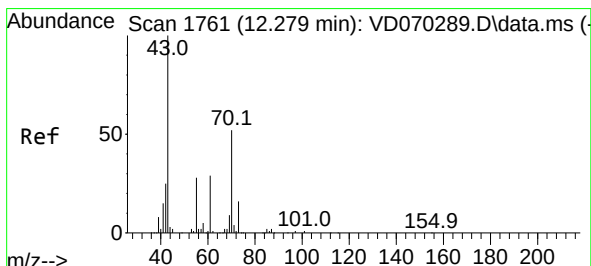
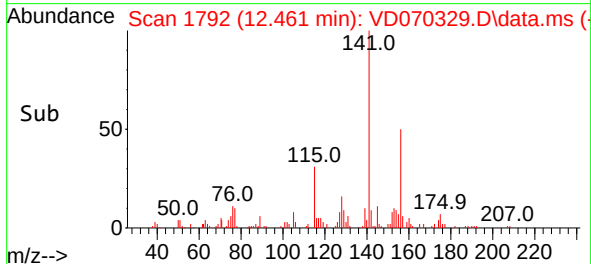
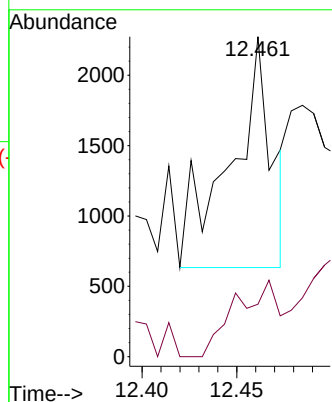
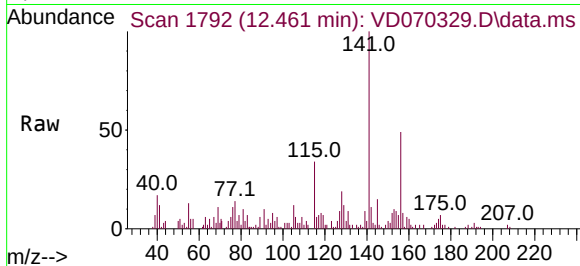




#73
Isopropylbenzene
Concen: 1.586 ug/l
RT: 12.461 min Scan# 1792
Delta R.T. -0.012 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

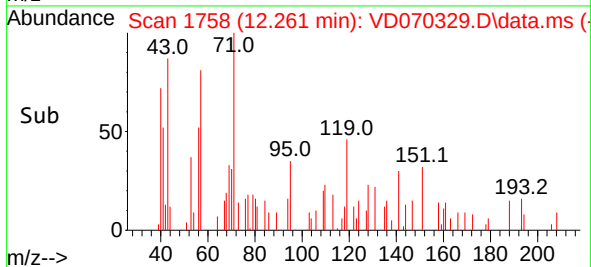
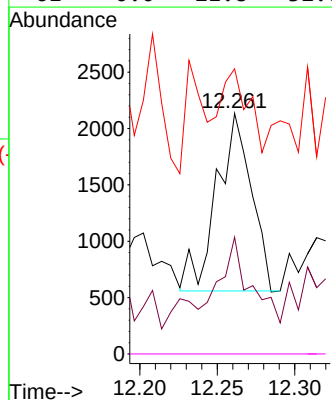
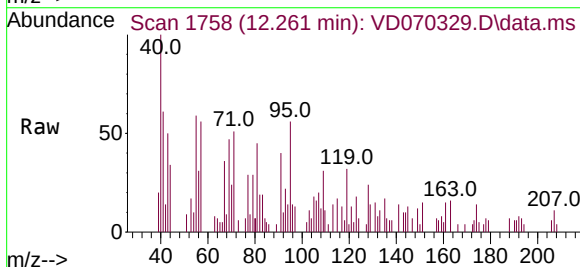
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

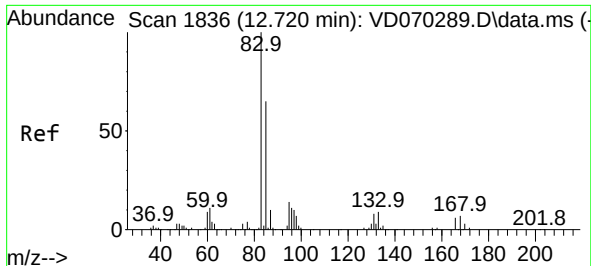
Tgt Ion:105 Resp: 2479
Ion Ratio Lower Upper
105 100
120 34.0 13.0 38.9



#74
N-ethyl acetate
Concen: 7.206 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

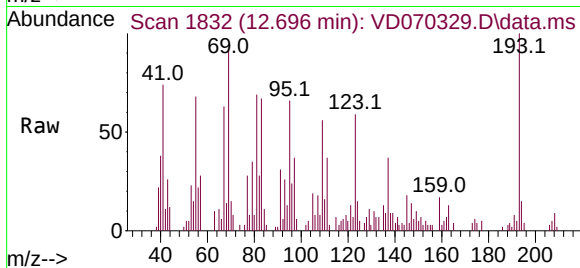
Tgt Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
70 39.9 41.4 62.0#
55 38.3 22.8 34.2#
61 0.0 21.8 32.6#



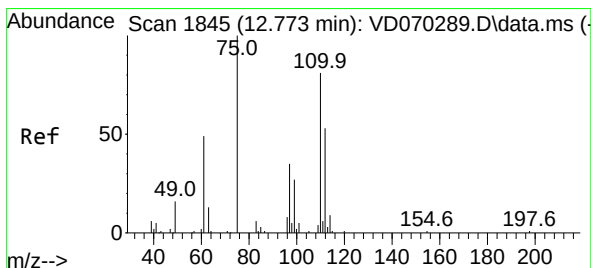
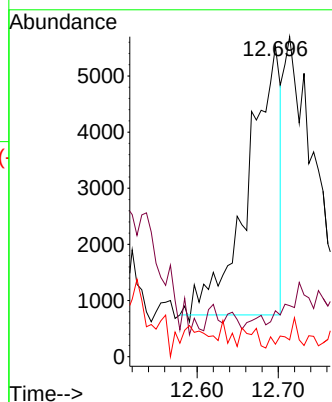
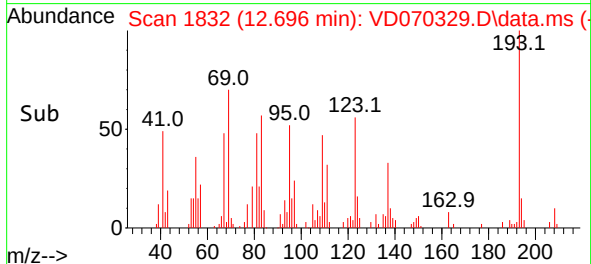


#75
 1,1,2,2-Tetrachloroethane
 Concen: 39.831 ug/l
 RT: 12.696 min Scan# 1832
 Delta R.T. -0.024 min
 Lab File: VD070329.D
 Acq: 13 Sep 2021 16:27

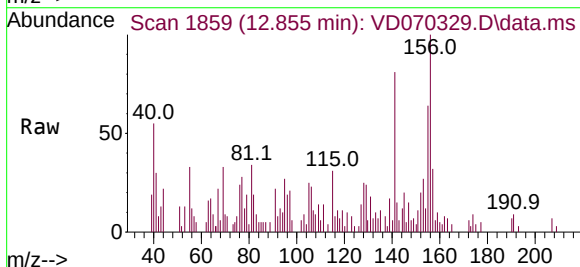
Instrument :
 MSVOA_D
 ClientSampleID :
 PL-02-091021



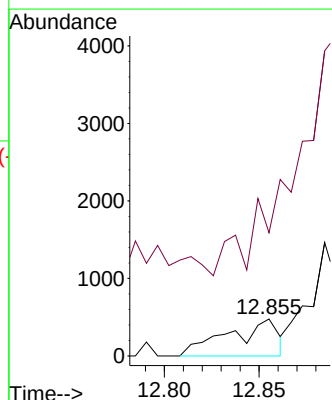
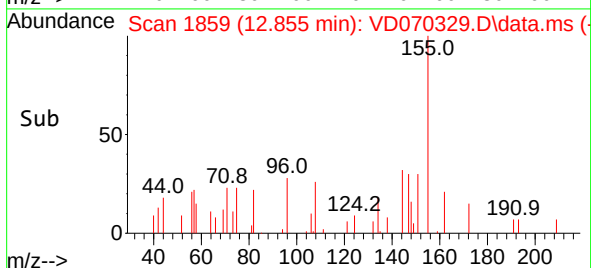
Tgt Ion: 83 Resp: 13334
 Ion Ratio Lower Upper
 83 100
 131 2.1 4.8 14.4#
 85 0.0 32.1 96.3#

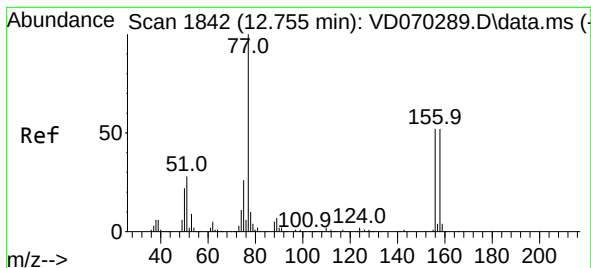


#76
 1,2,3-Trichloropropane
 Concen: 3.872 ug/l
 RT: 12.855 min Scan# 1859
 Delta R.T. 0.082 min
 Lab File: VD070329.D
 Acq: 13 Sep 2021 16:27



Tgt Ion: 75 Resp: 873
 Ion Ratio Lower Upper
 75 100
 77 0.0 174.9 524.7#





#77

Bromobenzene

Concen: 986.973 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.194 min

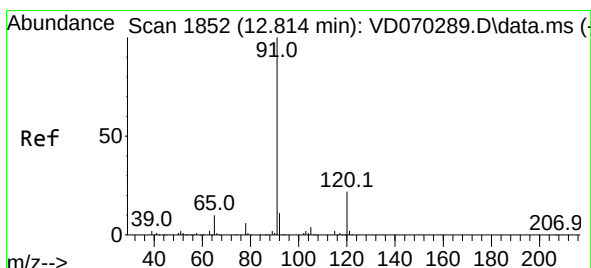
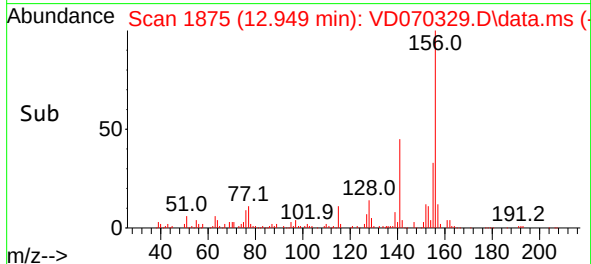
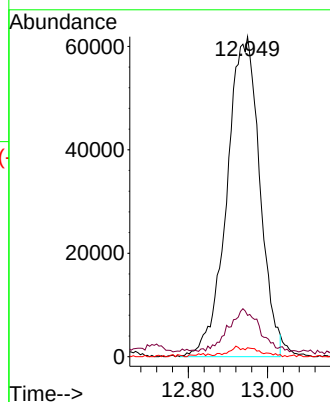
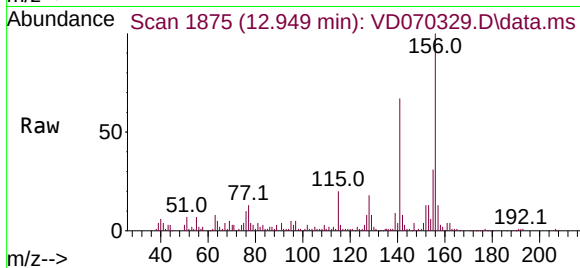
Lab File: VD070329.D

Acq: 13 Sep 2021 16:27

Tgt Ion:156 Resp: 355914

Ion	Ratio	Lower	Upper
156	100		
77	12.4	104.3	312.8#
158	0.0	49.4	148.0#

Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021



#78

n-propylbenzene

Concen: 1.756 ug/l

RT: 12.808 min Scan# 1851

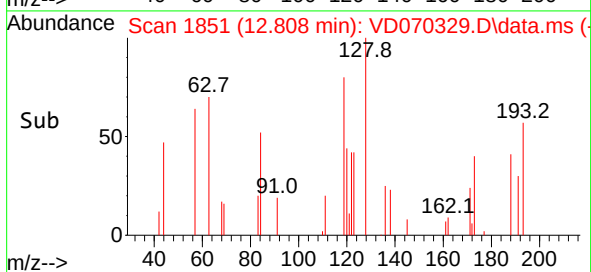
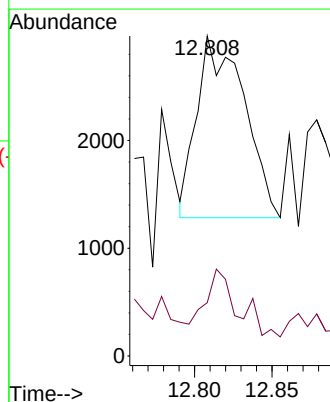
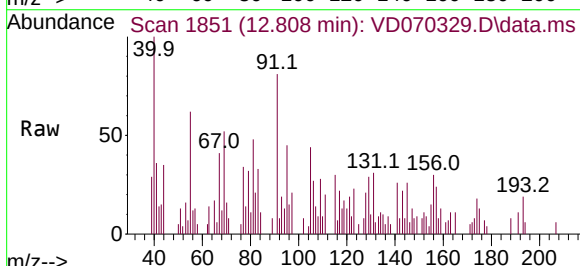
Delta R.T. -0.006 min

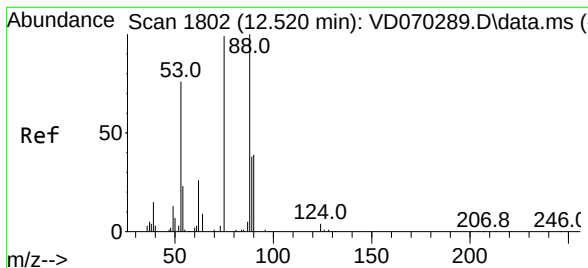
Lab File: VD070329.D

Acq: 13 Sep 2021 16:27

Tgt Ion: 91 Resp: 3563

Ion	Ratio	Lower	Upper
91	100		
120	25.1	11.0	33.0

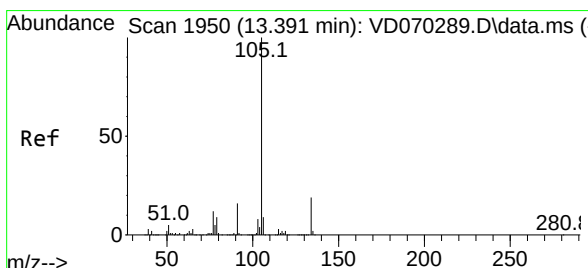
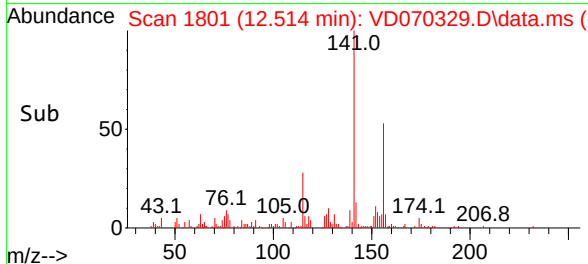
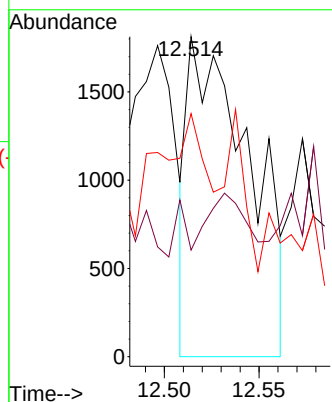
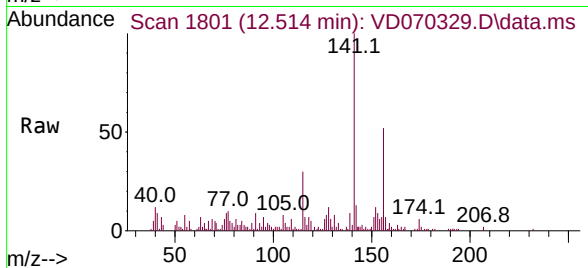




#81
trans-1,4-Dichloro-2-butene
Concen: 45.600 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

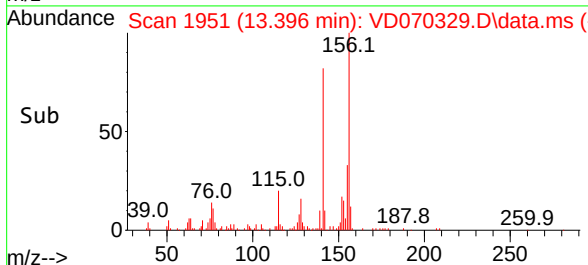
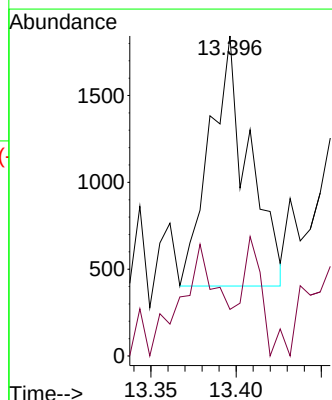
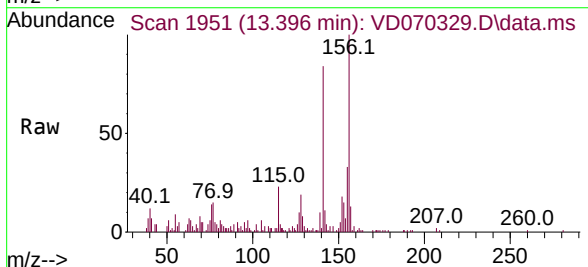
Instrument :
MSVOA_D
ClientSampleId :
PL-02-091021

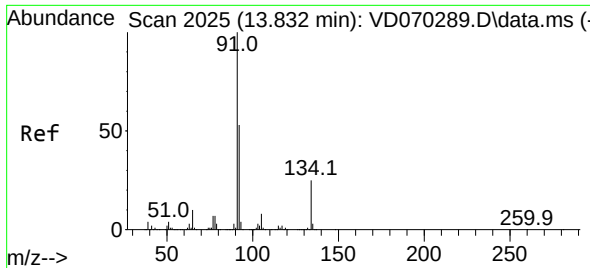
Tgt Ion: 75 Resp: 4103
Ion Ratio Lower Upper
75 100
53 3.1 64.2 96.2#
89 27.4 35.6 53.4#



#85
sec-Butylbenzene
Concen: 1.335 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 105 Resp: 2295
Ion Ratio Lower Upper
105 100
134 25.1 9.8 29.3

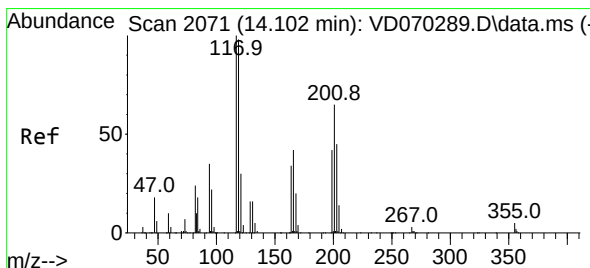
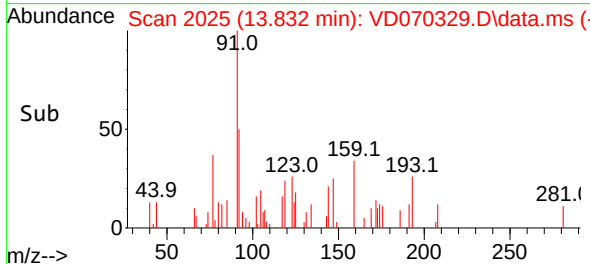
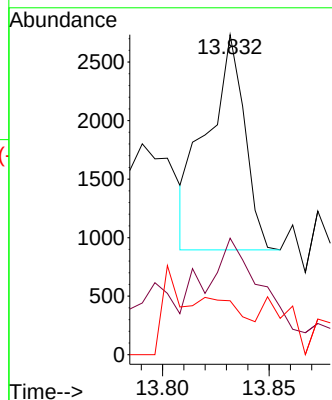
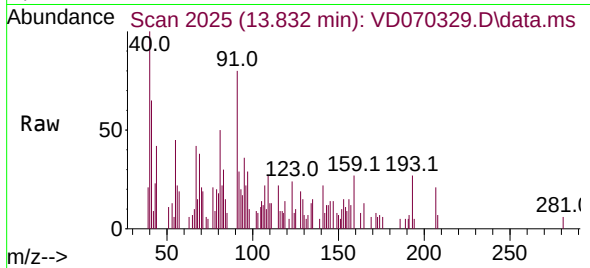




#89
n-Butylbenzene
Concen: 1.641 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

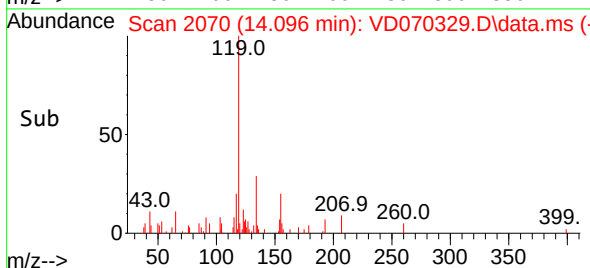
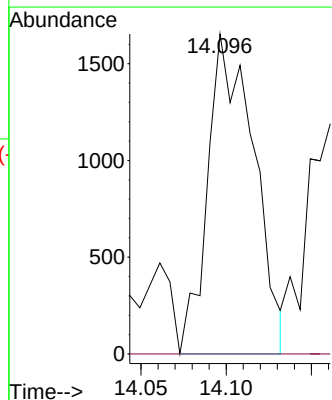
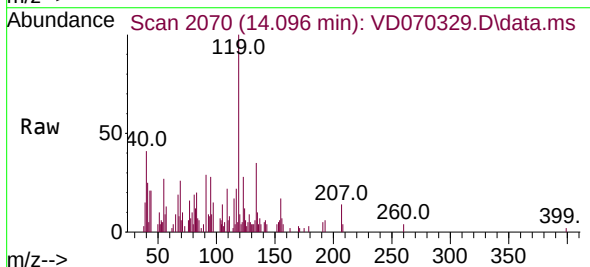
Instrument :
MSVOA_D
ClientSampled :
PL-02-091021

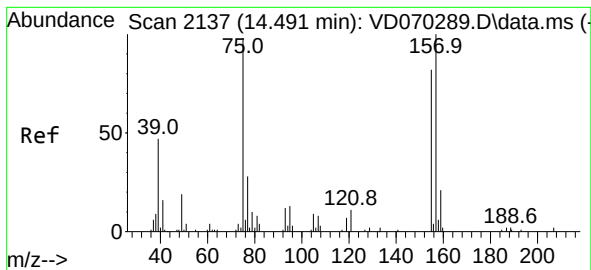
Tgt Ion: 91 Resp: 2260
Ion Ratio Lower Upper
91 100
92 97.6 26.8 80.4#
134 0.0 12.1 36.3#



#90
Hexachloroethane
Concen: 9.820 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD070329.D
Acq: 13 Sep 2021 16:27

Tgt Ion: 117 Resp: 3106
Ion Ratio Lower Upper
117 100
201 0.0 31.9 95.9#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.667 ug/l
 RT: 14.443 min Scan# 2129
 Delta R.T. -0.047 min
 Lab File: VD070329.D
 Acq: 13 Sep 2021 16:27

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-091021

Tgt Ion:	75	Resp:	234
Ion	Ratio	Lower	Upper
75	100		
155	61.1	40.3	120.9
157	59.0	48.9	146.6

