

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102821\
 Data File : VD070885.D
 Acq On : 28 Oct 2021 11:28
 Operator : VA/SY
 Sample : VD1028SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 29 05:22:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	581819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1004894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	948698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	450433	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	275216	47.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.060%
35) Dibromofluoromethane	7.909	113	319612	48.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.480%
50) Toluene-d8	10.332	98	1247906	50.062	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.120%
62) 4-Bromofluorobenzene	12.626	95	393916	47.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%

Target Compounds

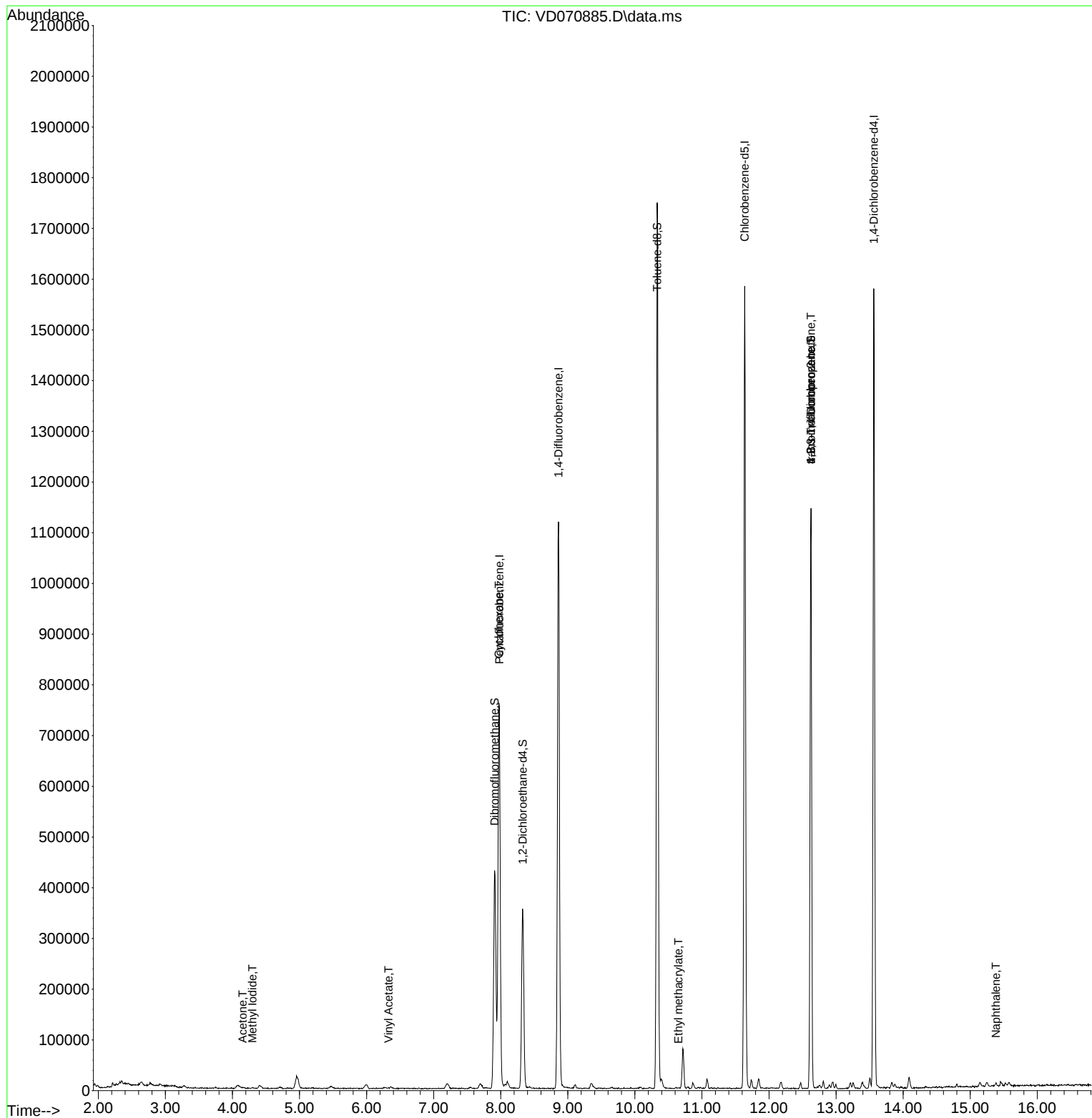
					Qvalue	
5) Bromomethane	2.779	94	3905	Below Cal		91
10) Methyl Iodide	4.297	142	3188	4.029 ug/l #		71
16) Acetone	4.150	43	2045	1.502 ug/l		94
20) Methylene Chloride	4.956	84	19977	Below Cal		89
23) Vinyl Acetate	6.326	43	2202	14.630 ug/l #		72
31) Cyclohexane	7.973	56	14078	1.181 ug/l #		1
56) Ethyl methacrylate	10.650	69	577	2.920 ug/l #		65
76) 1,2,3-Trichloropropane	12.626	75	169750	38.283 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.626	75	169750	100.478 ug/l #		18
95) Naphthalene	15.385	128	4800	4.435 ug/l #		91

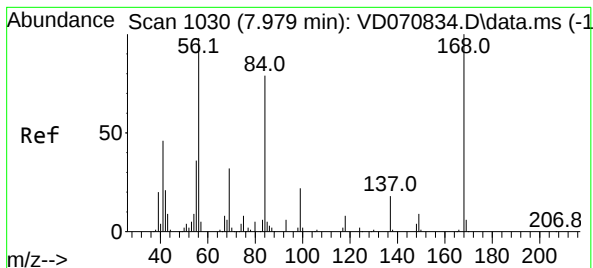
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Oct 29 05:22:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

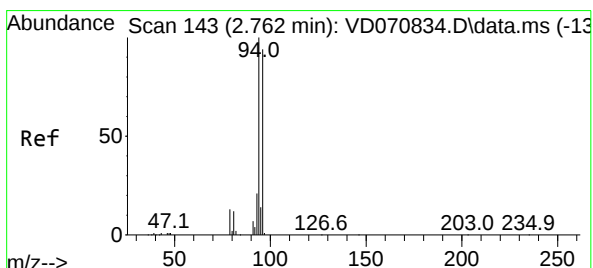
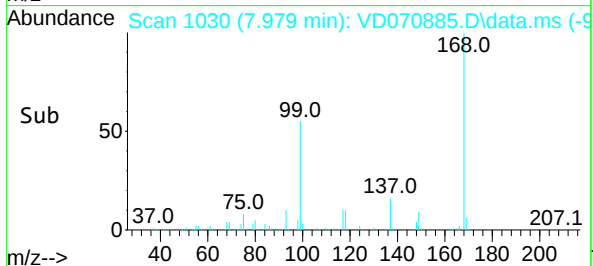
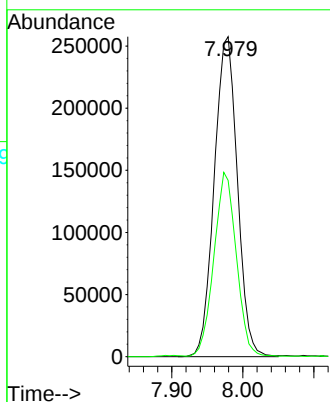
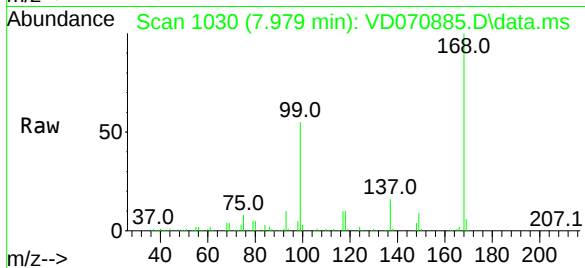




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

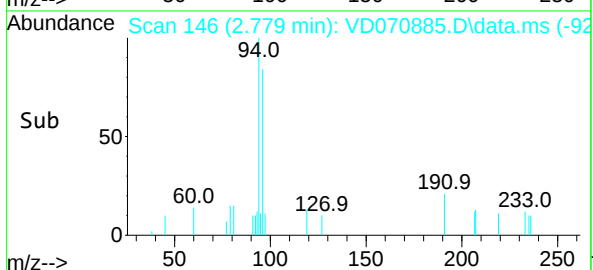
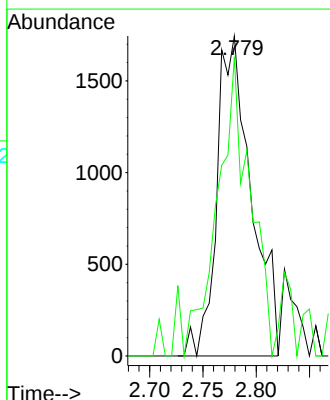
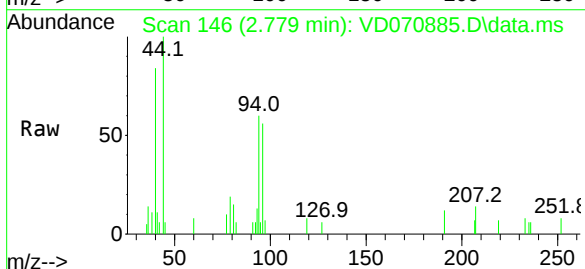
Instrument :
MSVOA_D
ClientSampled :

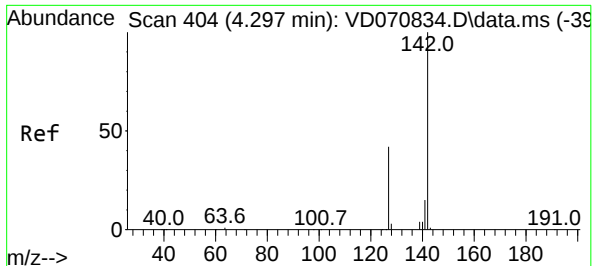
Tgt Ion:168 Resp: 581819
Ion Ratio Lower Upper
168 100
99 55.0 46.6 69.8



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

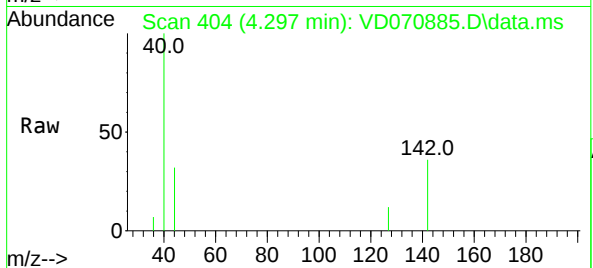
Tgt Ion: 94 Resp: 3905
Ion Ratio Lower Upper
94 100
96 84.7 74.8 112.2



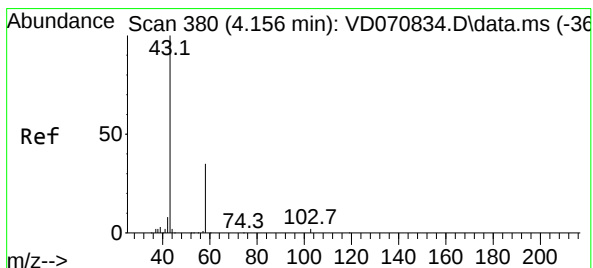
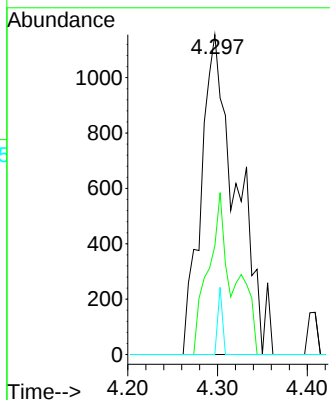
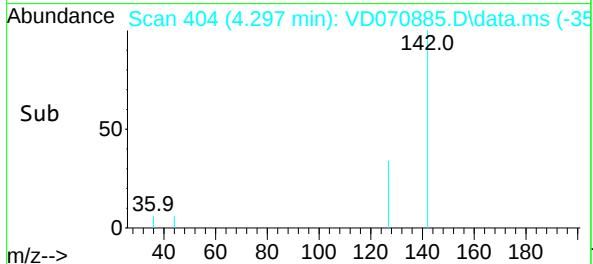


#10
Methyl Iodide
Concen: 4.029 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

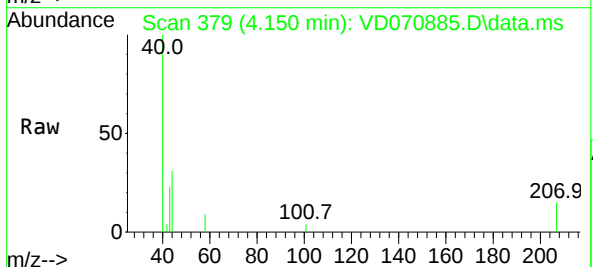
Instrument :
MSVOA_D
ClientSampled :



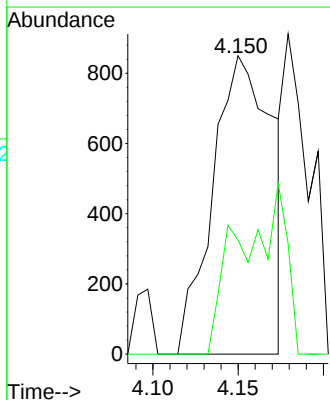
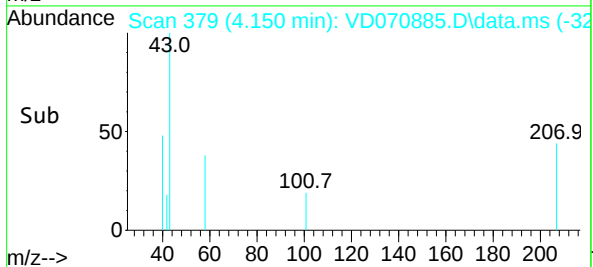
Tgt Ion:142 Resp: 3188
Ion Ratio Lower Upper
142 100
127 25.5 35.0 52.4#
141 2.7 12.0 18.0#

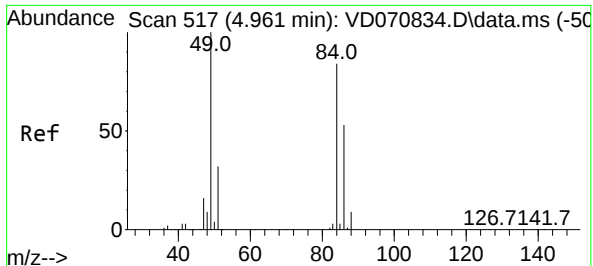


#16
Acetone
Concen: 1.502 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28



Tgt Ion: 43 Resp: 2045
Ion Ratio Lower Upper
43 100
58 38.2 27.8 41.8





#20

Methylene Chloride

Concen: Below Cal

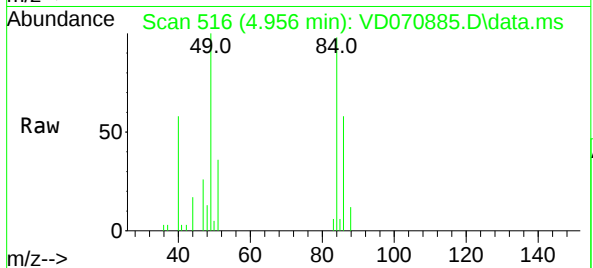
RT: 4.956 min Scan# 516

Delta R.T. -0.005 min

Lab File: VD070885.D

Acq: 28 Oct 2021 11:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 19977

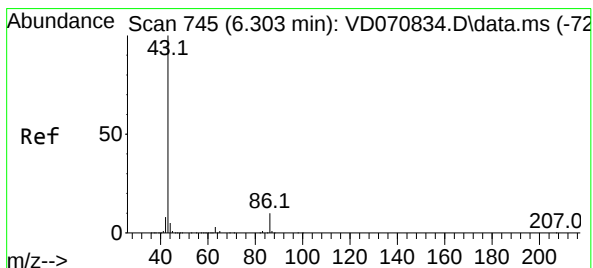
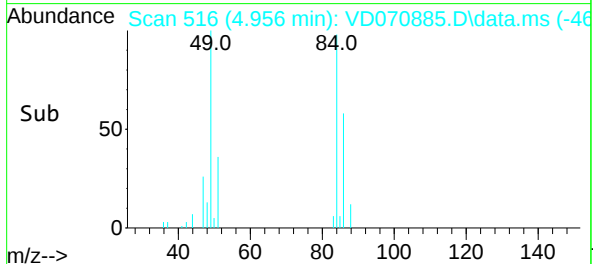
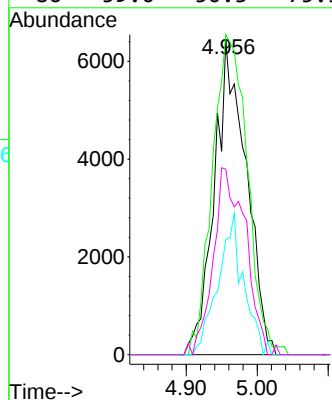
Ion Ratio Lower Upper

84 100

49 101.8 95.8 143.6

51 36.7 30.9 46.3

86 59.0 50.3 75.5



#23

Vinyl Acetate

Concen: 14.630 ug/l

RT: 6.326 min Scan# 749

Delta R.T. 0.023 min

Lab File: VD070885.D

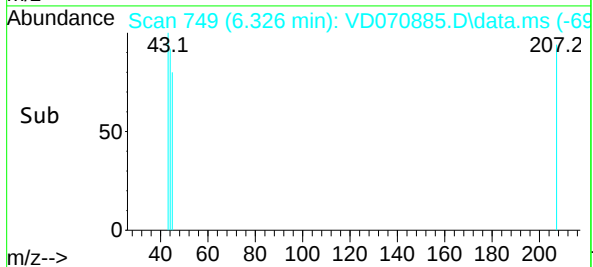
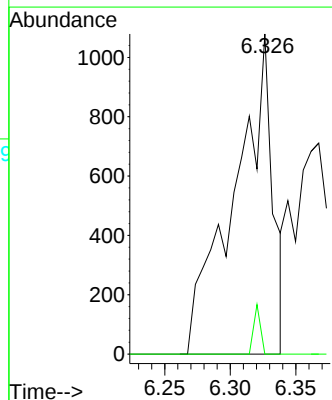
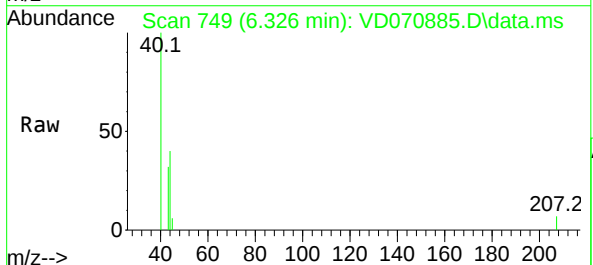
Acq: 28 Oct 2021 11:28

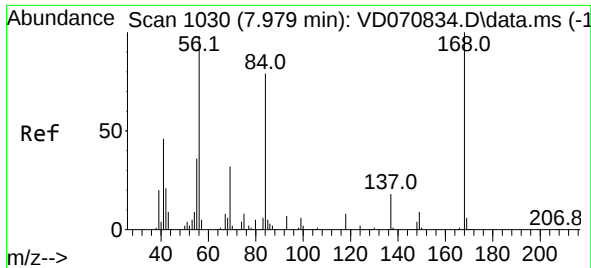
Tgt Ion: 43 Resp: 2202

Ion Ratio Lower Upper

43 100

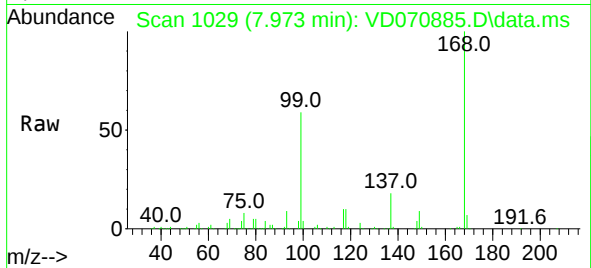
86 0.0 8.2 12.4#



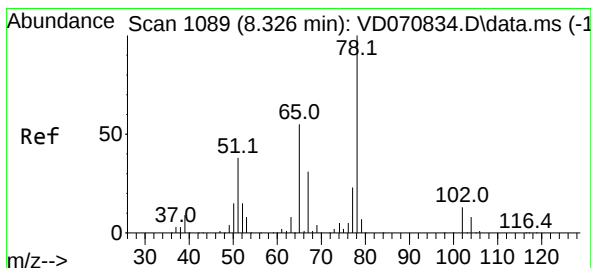
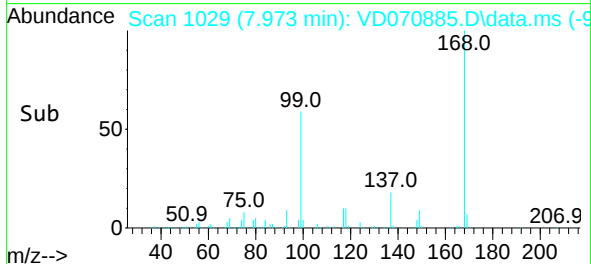
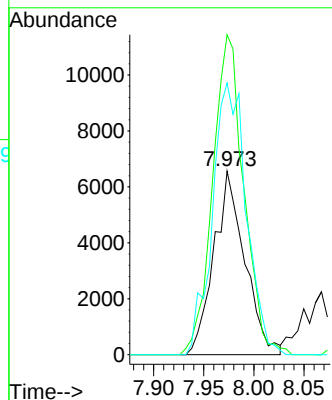


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Instrument :
MSVOA_D
ClientSampled :

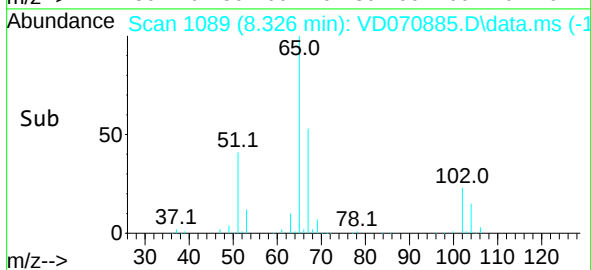
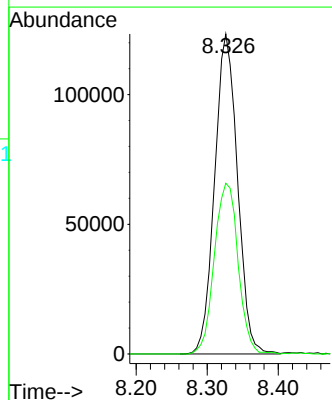
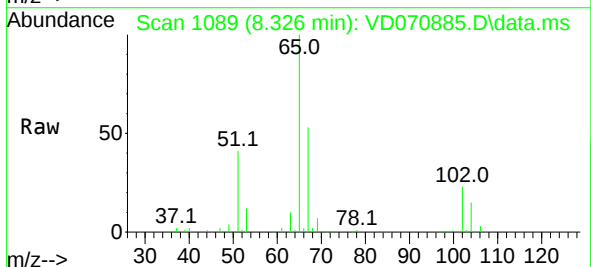


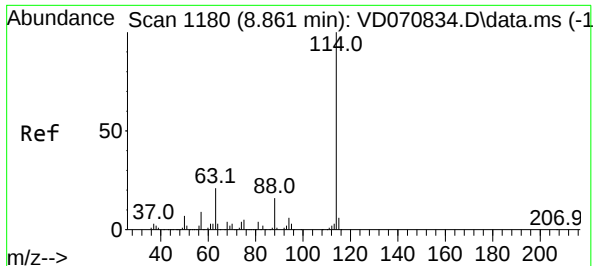
Tgt Ion: 56 Resp: 14078
Ion Ratio Lower Upper
56 100
69 174.4 25.9 38.9#
84 148.1 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 47.032 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion: 65 Resp: 275216
Ion Ratio Lower Upper
65 100
67 55.5 0.0 112.2



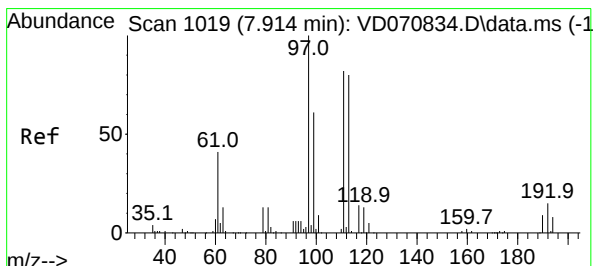
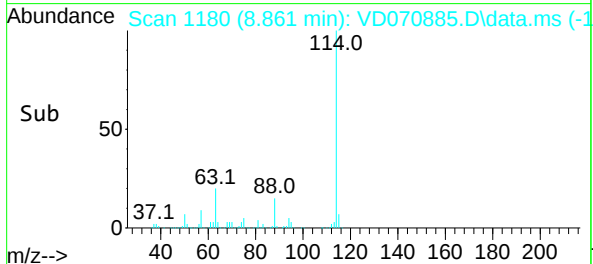
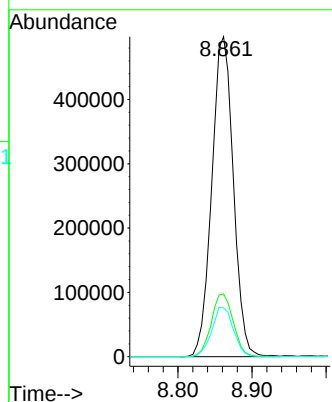
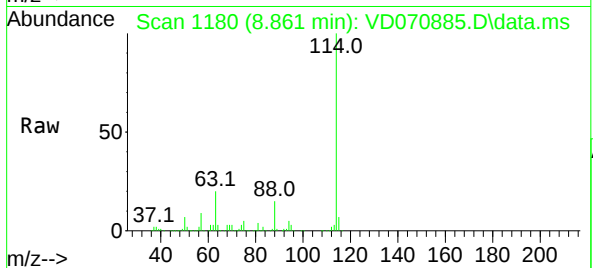


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Instrument :
MSVOA_D
ClientSampled :

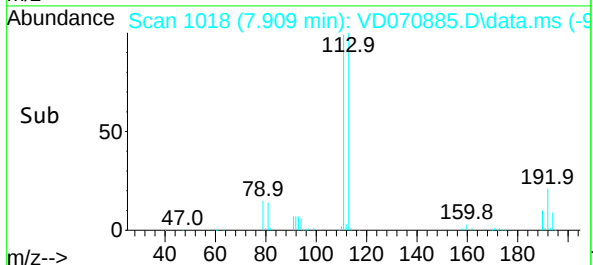
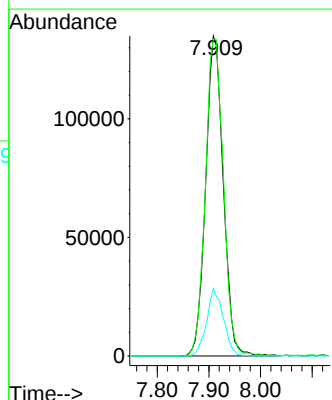
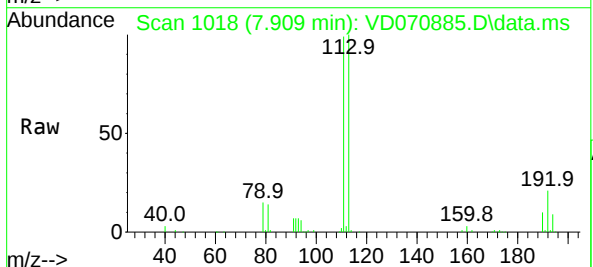
Tgt Ion:114 Resp: 1004894
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.3 0.0 32.8

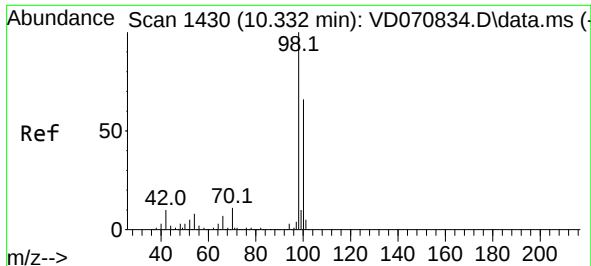


#35

Dibromofluoromethane
Concen: 48.238 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion:113 Resp: 319612
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 20.1 15.2 22.8

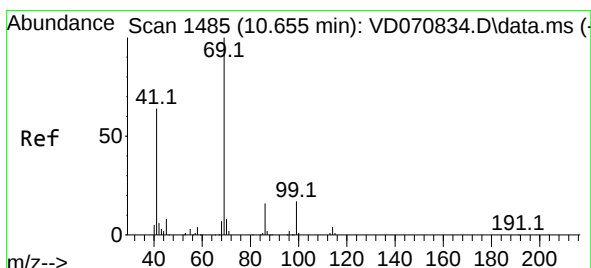
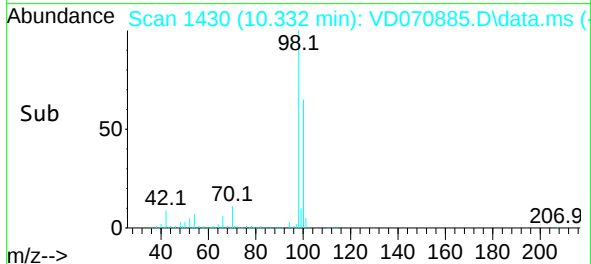
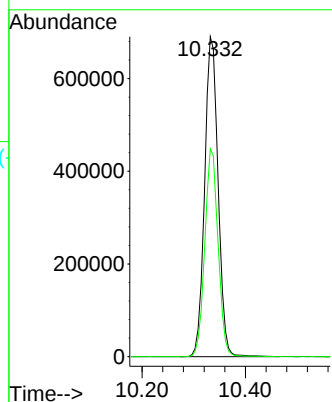
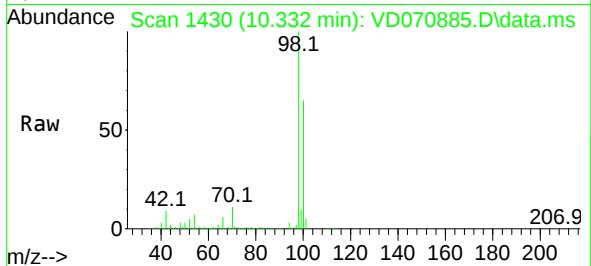




#50
Toluene-d8
Concen: 50.062 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

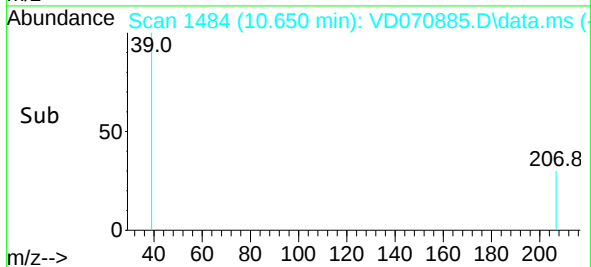
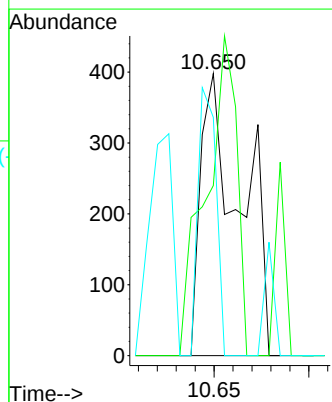
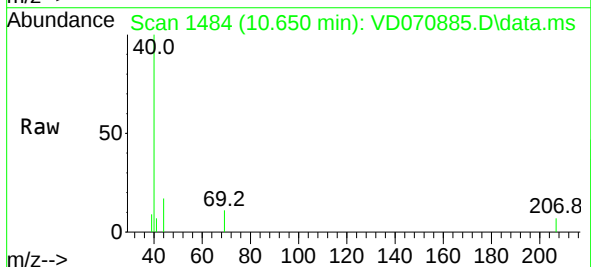
Instrument :
MSVOA_D
ClientSampled :

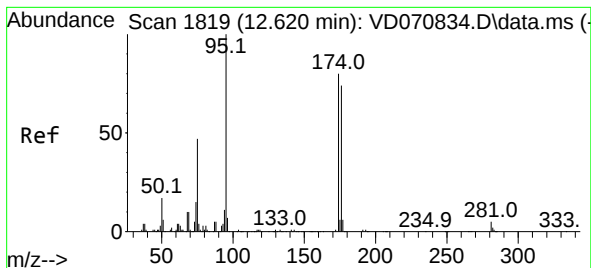
Tgt Ion: 98 Resp: 1247906
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.6



#56
Ethyl methacrylate
Concen: 2.920 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.005 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion: 69 Resp: 577
Ion Ratio Lower Upper
69 100
41 88.6 50.2 75.2#
39 43.7 19.8 29.8#

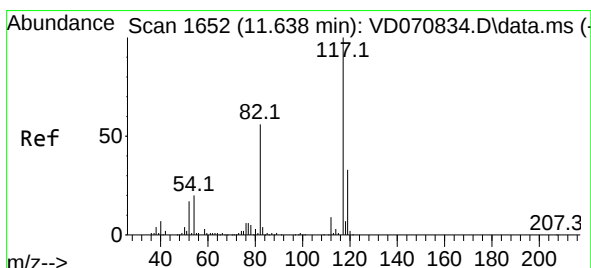
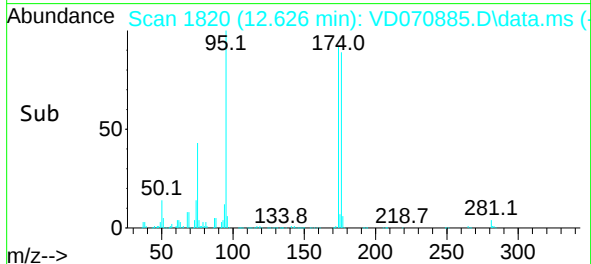
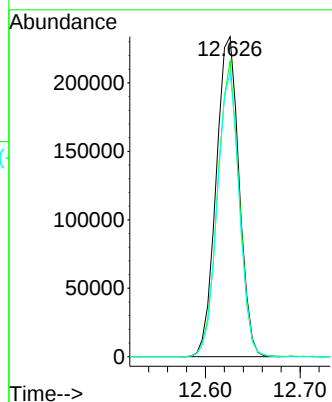
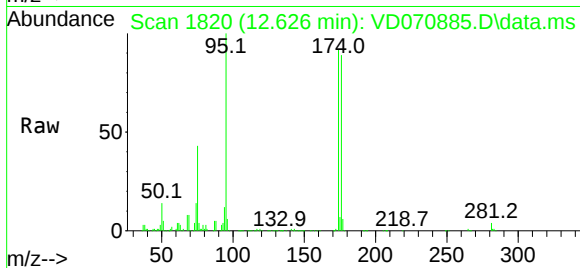




#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

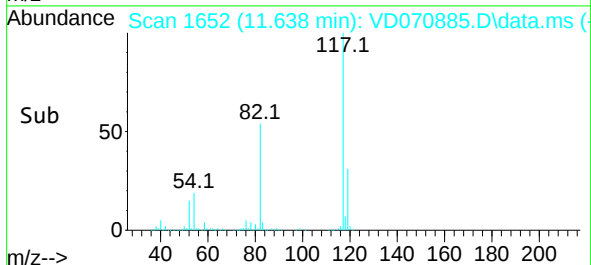
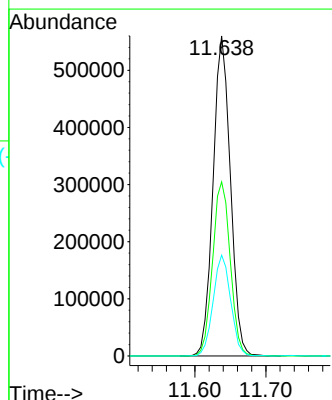
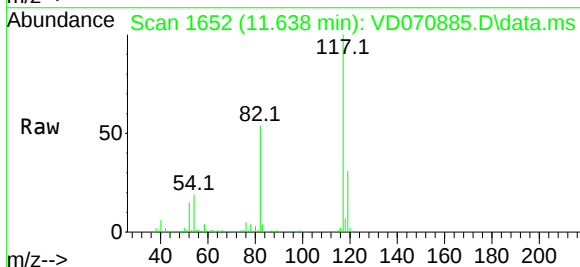
Instrument :
MSVOA_D
ClientSampleId :

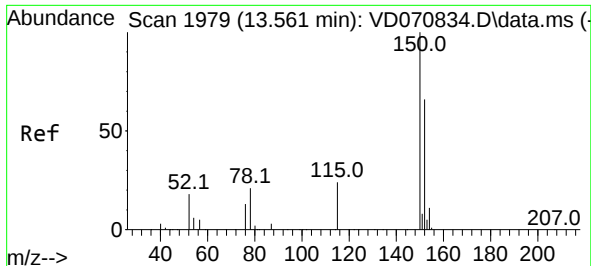
Tgt Ion: 95 Resp: 393916
Ion Ratio Lower Upper
95 100
174 86.9 0.0 159.4
176 85.3 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion: 117 Resp: 948698
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 31.5 26.2 39.4

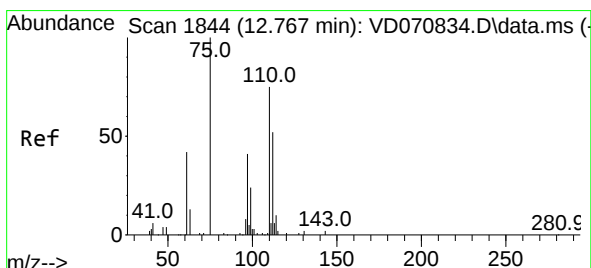
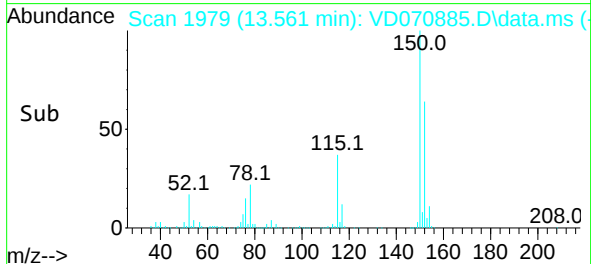
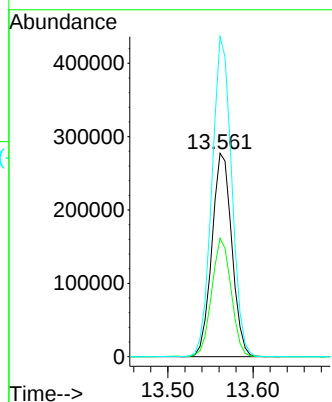
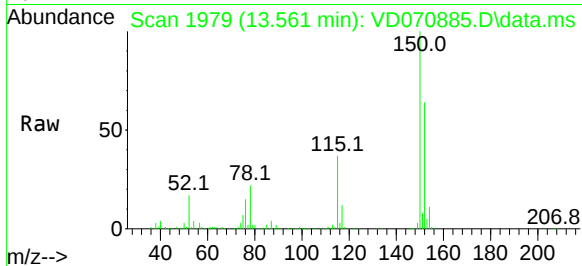




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD070885.D
 Acq: 28 Oct 2021 11:28

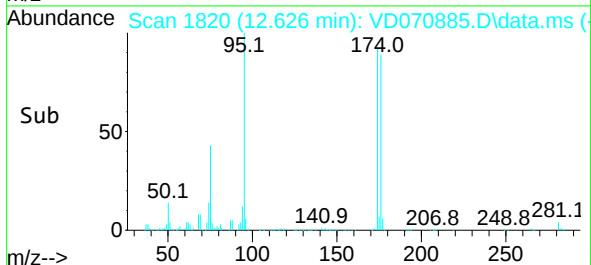
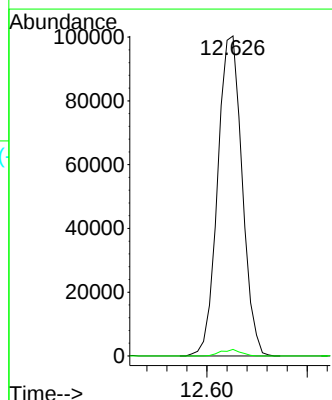
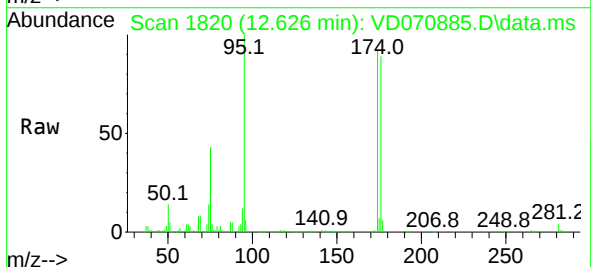
Instrument :
 MSVOA_D
 ClientSampleId :

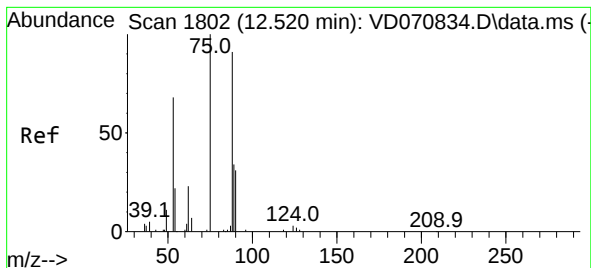
Tgt Ion:152 Resp: 450433
 Ion Ratio Lower Upper
 152 100
 115 56.6 29.8 89.3
 150 155.7 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 38.283 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.141 min
 Lab File: VD070885.D
 Acq: 28 Oct 2021 11:28

Tgt Ion: 75 Resp: 169750
 Ion Ratio Lower Upper
 75 100
 77 1.7 158.4 475.3#

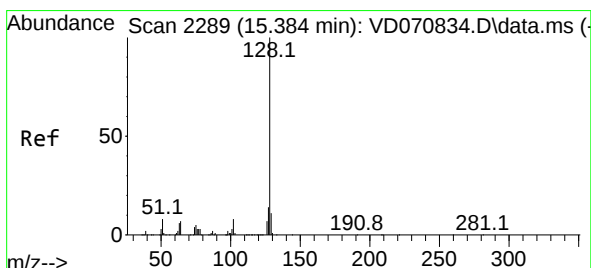
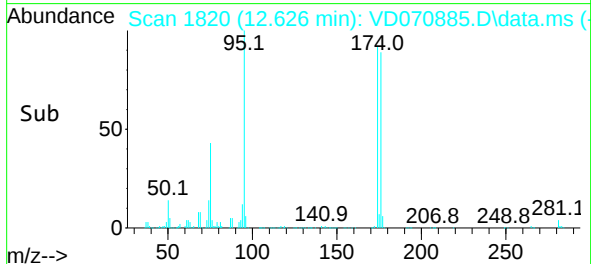
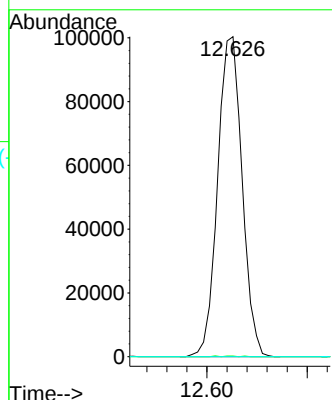
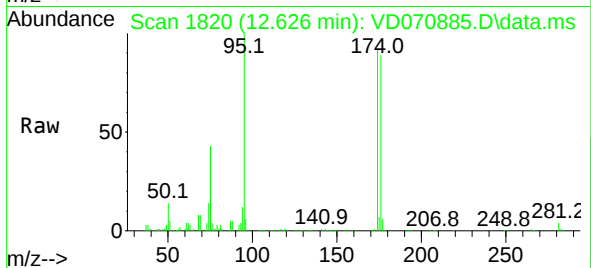




#81
trans-1,4-Dichloro-2-butene
Concen: 100.478 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 169750
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 4.435 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.001 min
Lab File: VD070885.D
Acq: 28 Oct 2021 11:28

Tgt Ion:128 Resp: 4800
Ion Ratio Lower Upper
128 100
127 17.9 10.7 16.1#
129 13.2 8.7 13.1#

