

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071128.D
 Acq On : 03 Dec 2021 10:56
 Operator : VA/SY
 Sample : VD1203SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 04 03:49:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

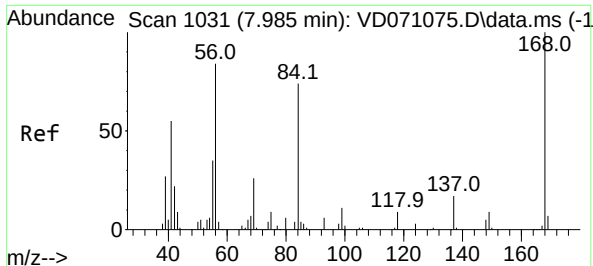
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	253306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	444467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	398966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	177009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	150546	50.650	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.300%			
35) Dibromofluoromethane	7.914	113	138860	49.062	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.120%			
50) Toluene-d8	10.338	98	494427	45.904	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 91.800%			
62) 4-Bromofluorobenzene	12.626	95	166464	44.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.180%			
Target Compounds			Qvalue			
10) Methyl Iodide	4.320	142	197	4.621	ug/l #	71
11) Tert butyl alcohol	5.185	59	11180	Below Cal	#	72
16) Acetone	4.168	43	4294	35.567	ug/l #	81
20) Methylene Chloride	4.973	84	8526	Below Cal	#	90
23) Vinyl Acetate	6.309	43	141	27.244	ug/l #	72
25) 2-Butanone	7.203	43	1413	29.733	ug/l #	45
31) Cyclohexane	7.979	56	8191	1.620	ug/l #	31
38) Carbon Tetrachloride	7.979	117	26888	6.566	ug/l #	20
41) Methacrylonitrile	7.567	41	105	Below Cal	#	1
43) Isopropyl Acetate	8.420	43	123	5.251	ug/l #	47
51) 4-Methyl-2-Pentanone	10.220	43	1499	31.302	ug/l #	65
56) Ethyl methacrylate	10.667	69	135	6.011	ug/l #	1
59) 2-Hexanone	10.979	43	319	34.754	ug/l #	22
74) N-amyl acetate	12.291	43	156	5.740	ug/l #	40
76) 1,2,3-Trichloropropane	12.626	75	93410	55.388	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	93410	120.363	ug/l #	19

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

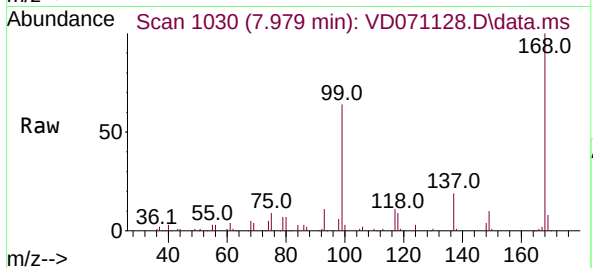
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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



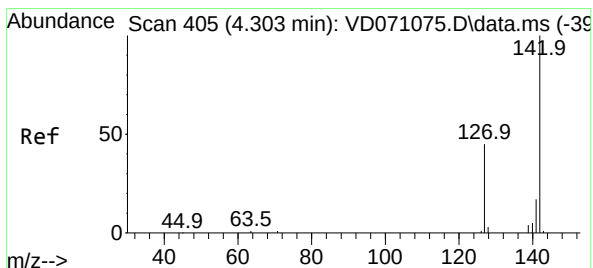
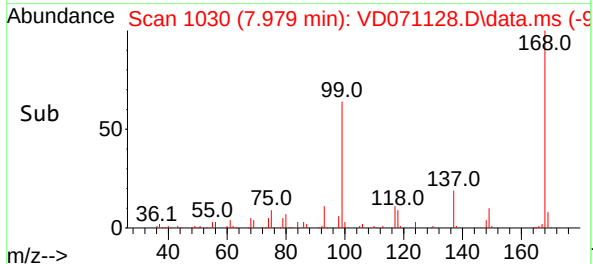
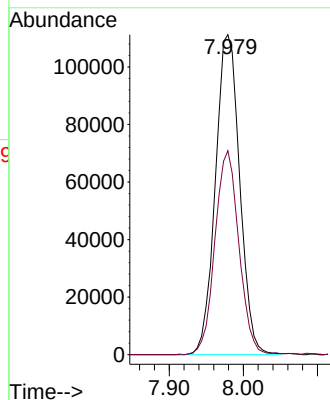


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Instrument :
MSVOA_D
ClientSampleId :

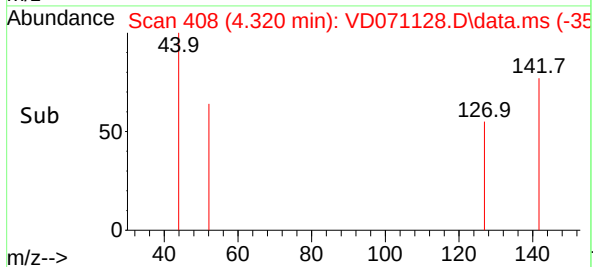
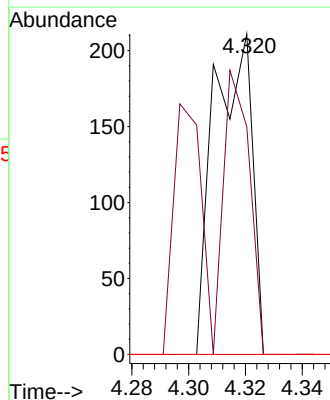
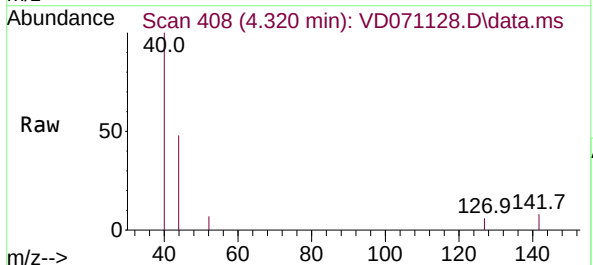


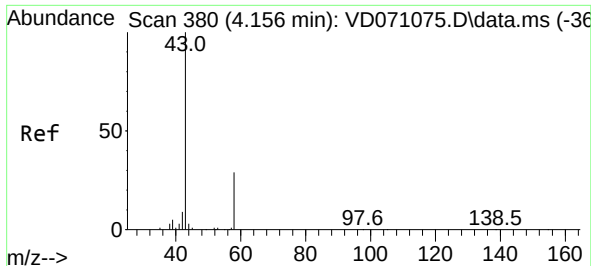
Tgt Ion:168 Resp: 253306
Ion Ratio Lower Upper
168 100
99 63.5 46.6 69.8



#10
Methyl Iodide
Concen: 4.621 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion:142 Resp: 197
Ion Ratio Lower Upper
142 100
127 60.4 35.0 52.4#
141 0.0 12.0 18.0#

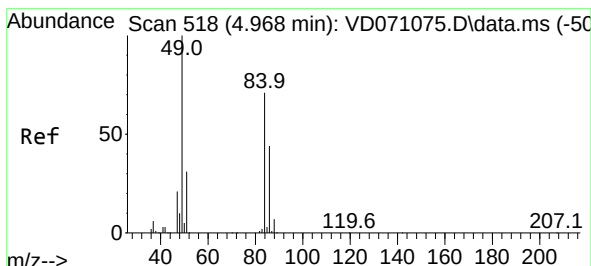
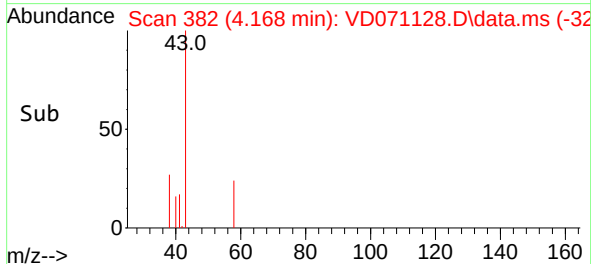
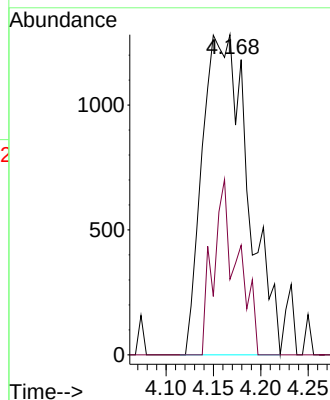
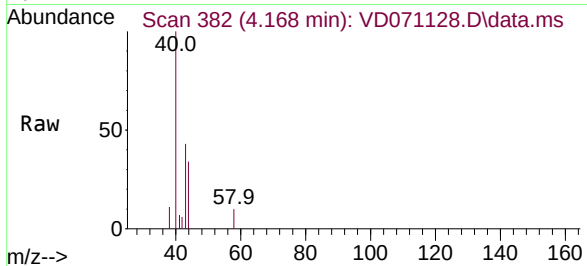




#16
Acetone
Concen: 35.567 ug/l
RT: 4.168 min Scan# 380
Delta R.T. 0.012 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

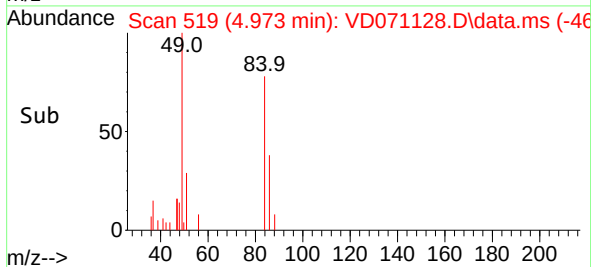
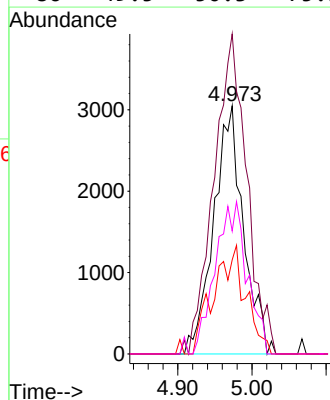
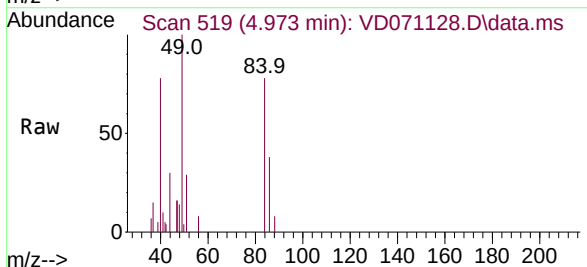
Instrument :
MSVOA_D
ClientSampleId :

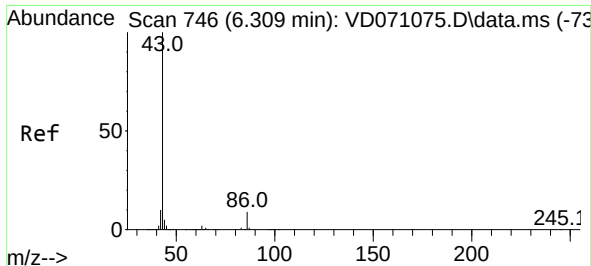
Tgt Ion: 43 Resp: 4294
Ion Ratio Lower Upper
43 100
58 23.6 27.8 41.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.005 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

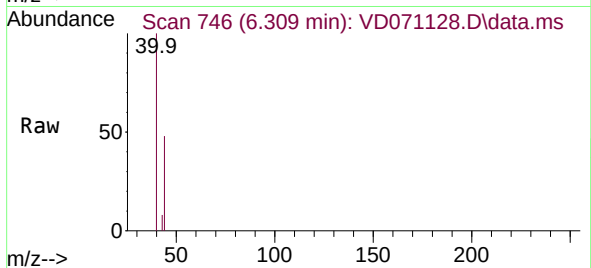
Tgt Ion: 84 Resp: 8526
Ion Ratio Lower Upper
84 100
49 129.0 95.8 143.6
51 37.9 30.9 46.3
86 49.5 50.3 75.5#



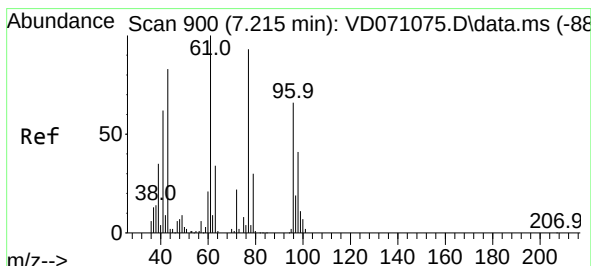
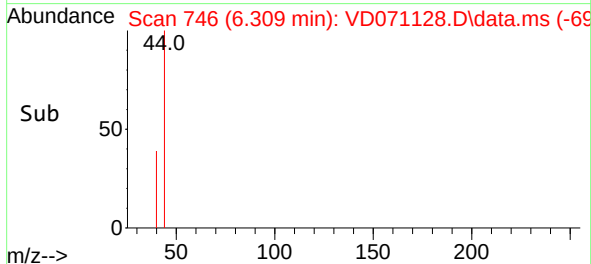
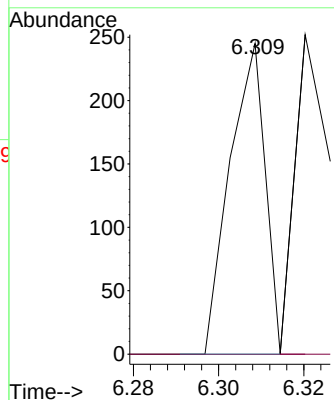


#23
 Vinyl Acetate
 Concen: 27.244 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD071128.D
 Acq: 03 Dec 2021 10:56

Instrument :
 MSVOA_D
 ClientSampleId :

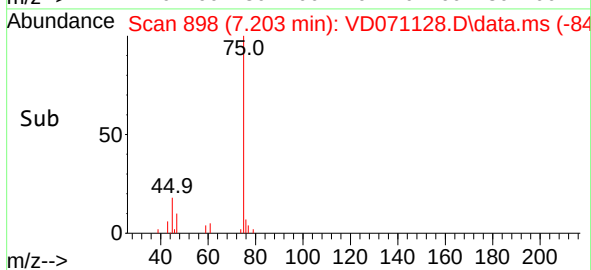
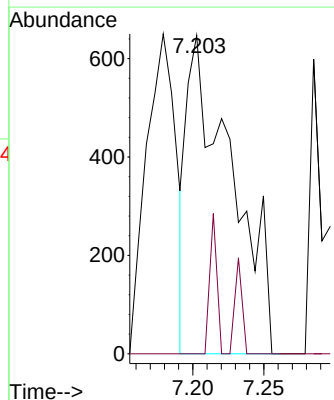
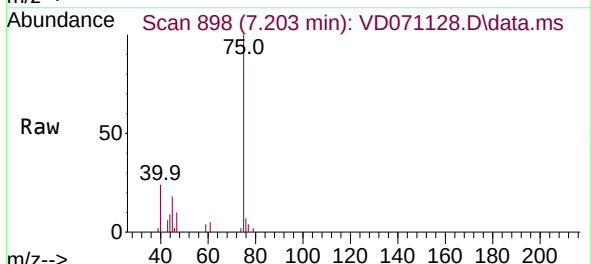


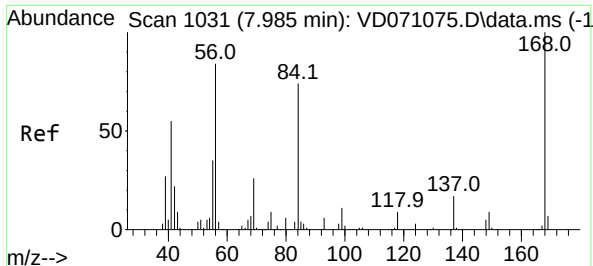
Tgt Ion: 43 Resp: 141
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 29.733 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: VD071128.D
 Acq: 03 Dec 2021 10:56

Tgt Ion: 43 Resp: 1413
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#

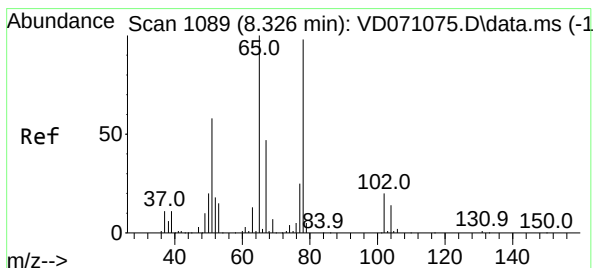
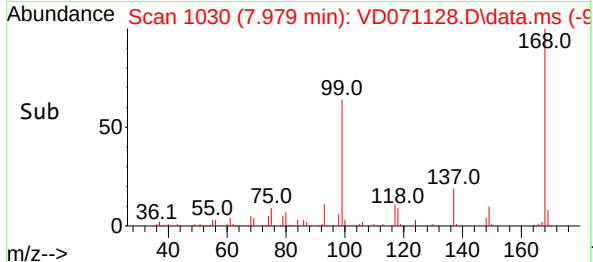
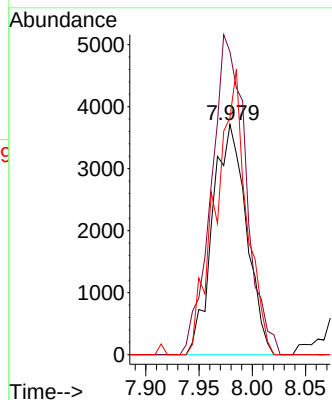
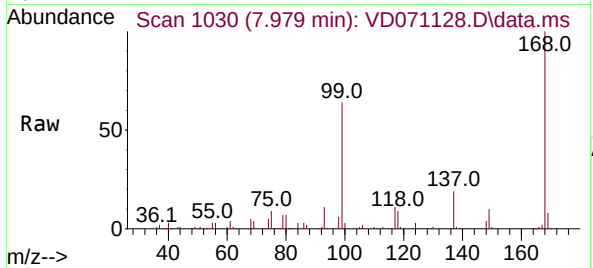




#31
Cyclohexane
Concen: 1.620 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

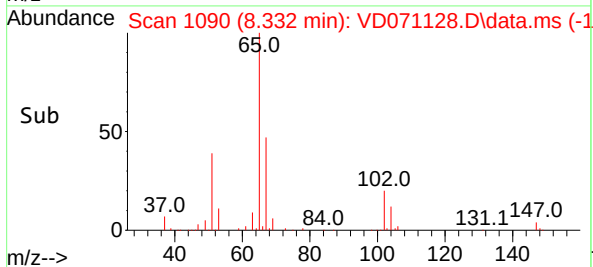
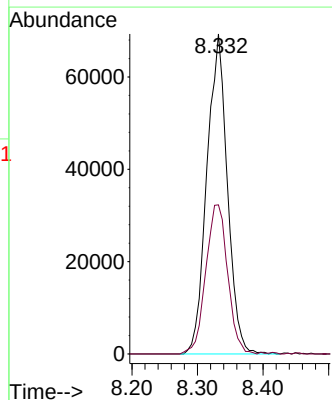
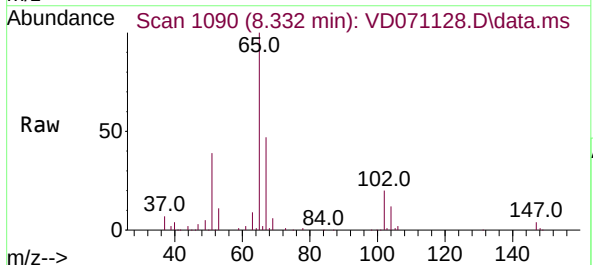
Instrument :
MSVOA_D
ClientSampleId :

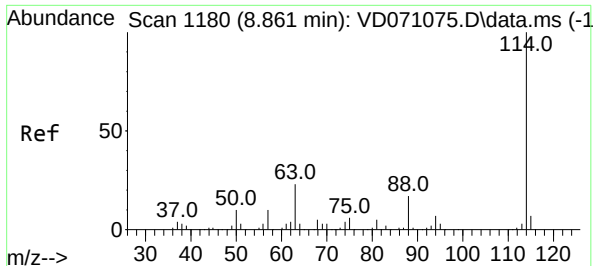
Tgt Ion: 56 Resp: 8191
Ion Ratio Lower Upper
56 100
69 131.5 25.9 38.9#
84 103.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 50.650 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 65 Resp: 150546
Ion Ratio Lower Upper
65 100
67 49.8 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: VD071128.D

Acq: 03 Dec 2021 10:56

Instrument :

MSVOA_D

ClientSampleId :

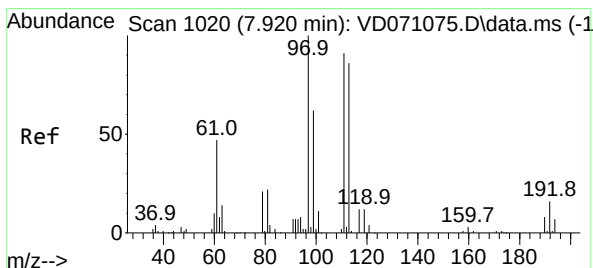
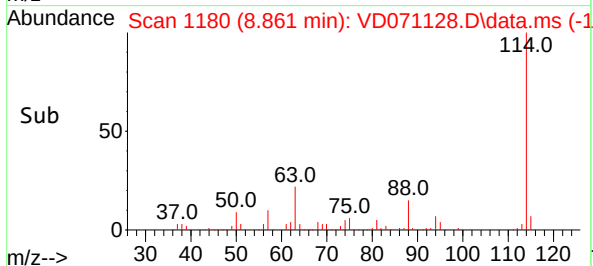
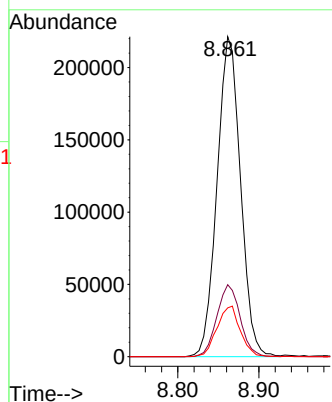
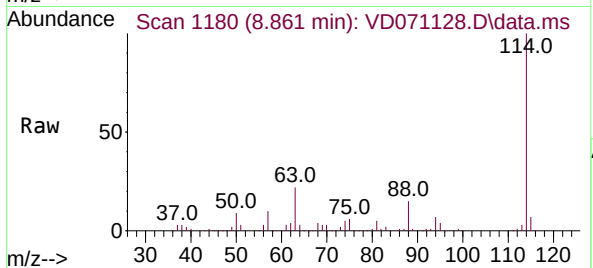
Tgt Ion:114 Resp: 444467

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.062 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071128.D

Acq: 03 Dec 2021 10:56

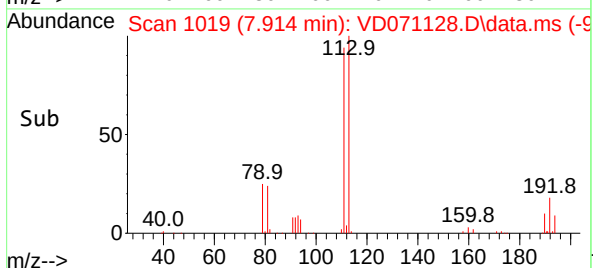
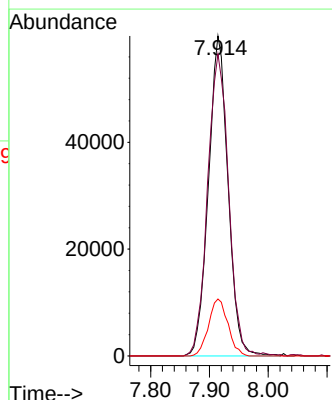
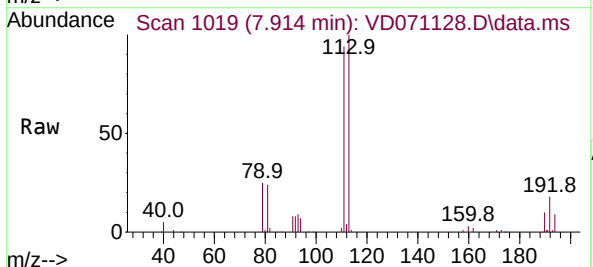
Tgt Ion:113 Resp: 138860

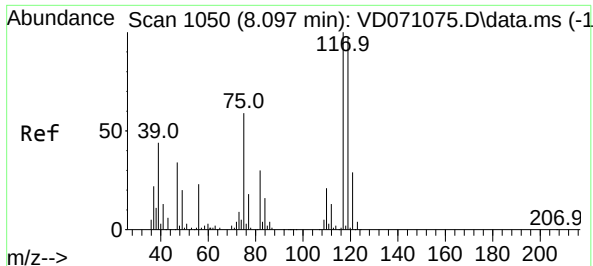
Ion Ratio Lower Upper

113 100

111 100.7 82.0 123.0

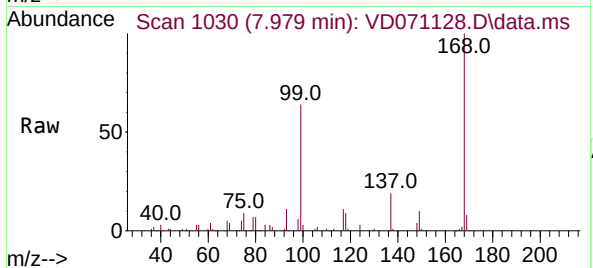
192 17.6 15.2 22.8



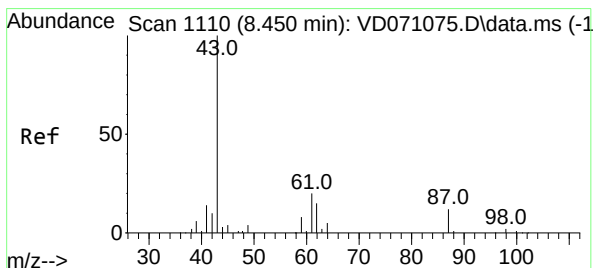
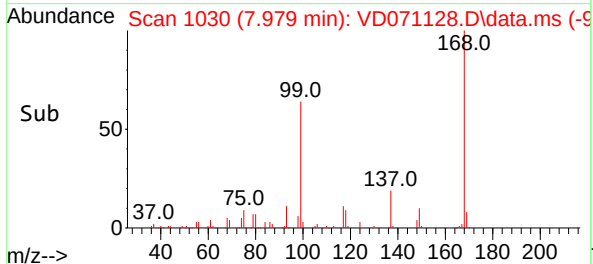
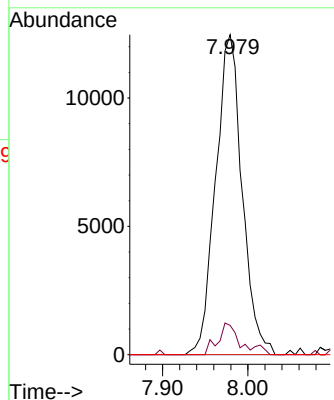


#38
Carbon Tetrachloride
Concen: 6.566 ug/l
RT: 7.979 min Scan# 1105
Delta R.T. -0.118 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Instrument :
MSVOA_D
ClientSampleId :

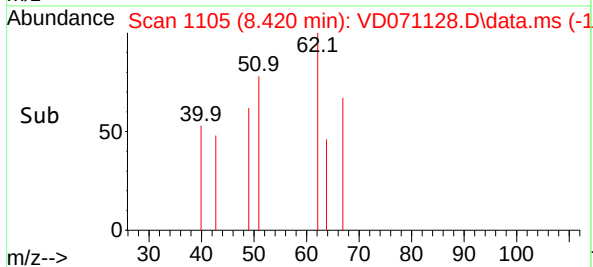
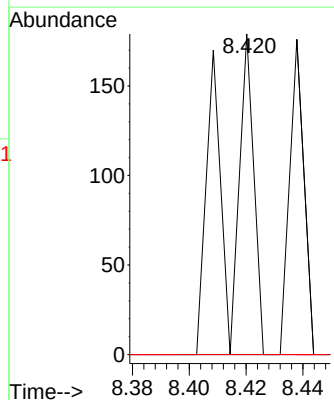
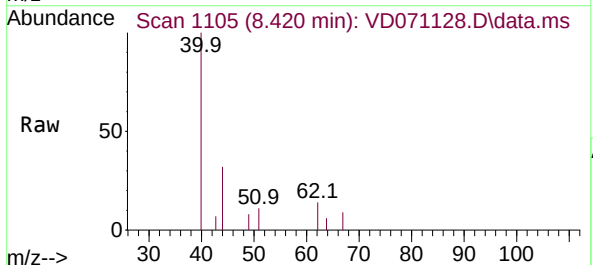


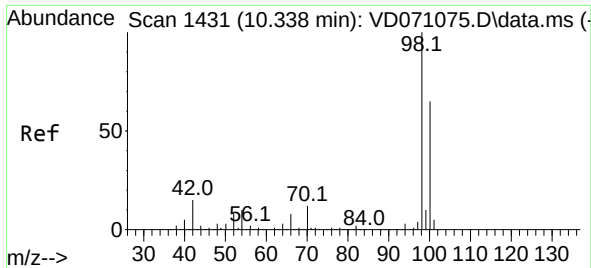
Tgt Ion:117 Resp: 26888
Ion Ratio Lower Upper
117 100
119 9.2 75.8 113.6#
121 0.0 23.6 35.4#



#43
Isopropyl Acetate
Concen: 5.251 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.030 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 43 Resp: 123
Ion Ratio Lower Upper
43 100
61 0.0 28.2 42.4#
87 0.0 10.7 16.1#

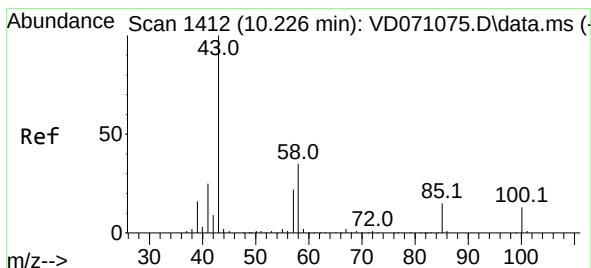
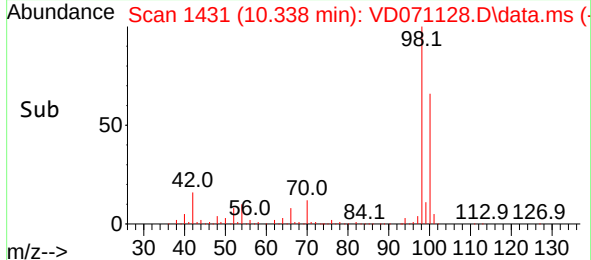
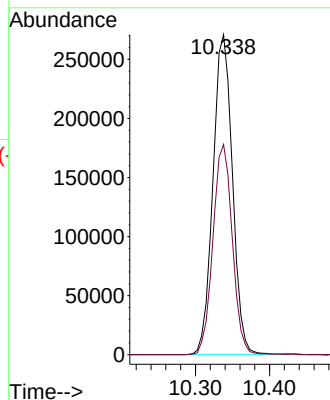
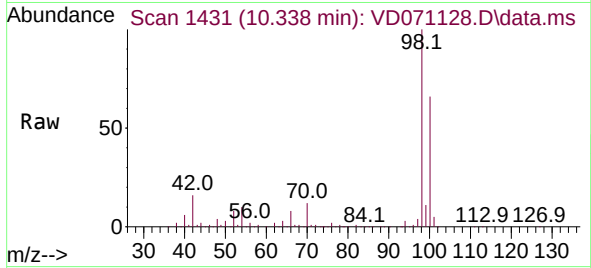




#50
Toluene-d8
Concen: 45.904 ug/l
RT: 10.338 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

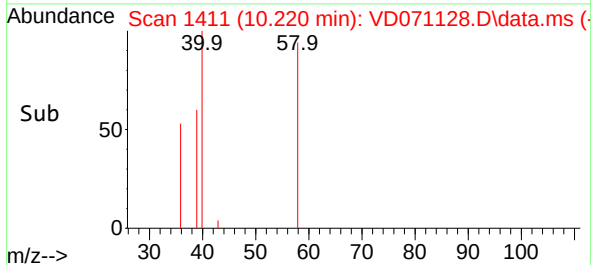
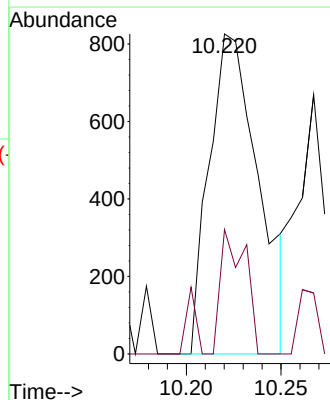
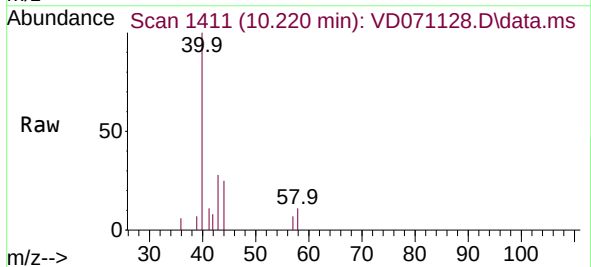
Instrument :
MSVOA_D
ClientSampleId :

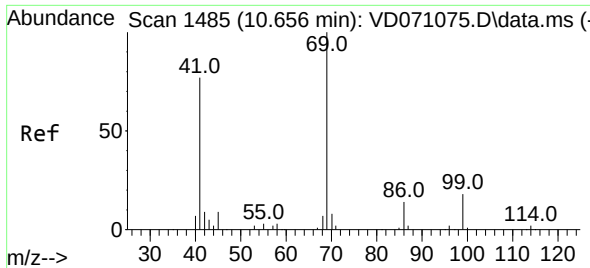
Tgt Ion: 98 Resp: 494427
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 31.302 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 19.4 33.1 49.7#

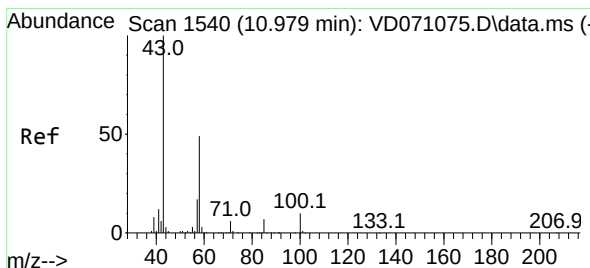
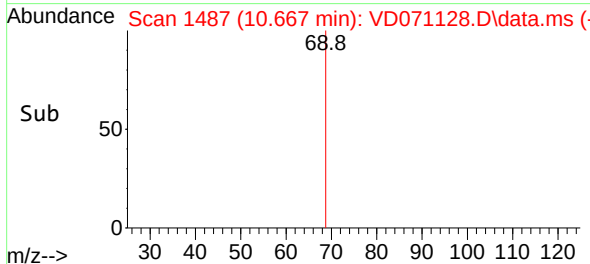
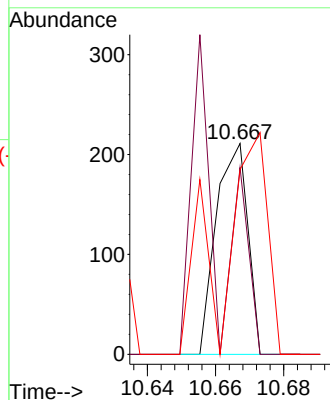
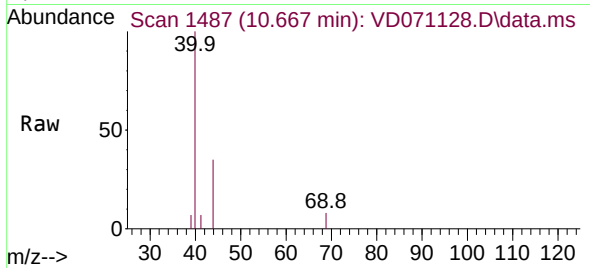




#56
Ethyl methacrylate
Concen: 6.011 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.011 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

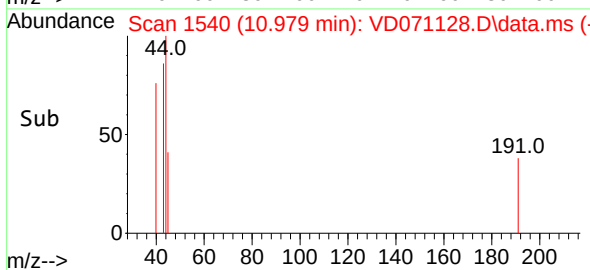
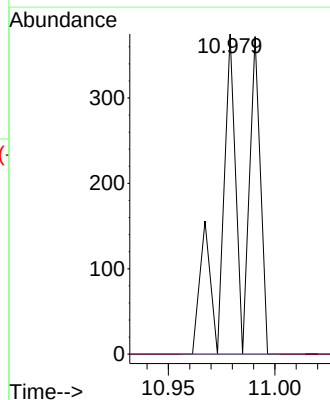
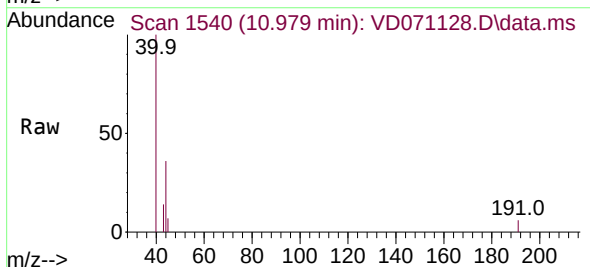
Instrument :
MSVOA_D
ClientSampleId :

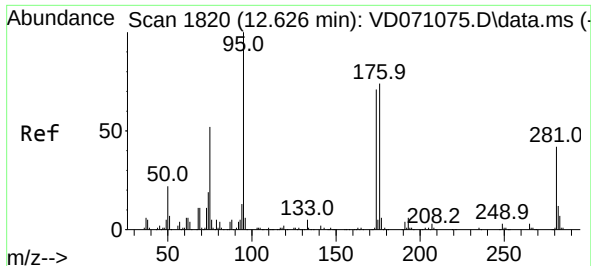
Tgt Ion: 69 Resp: 135
Ion Ratio Lower Upper
69 100
41 132.6 50.2 75.2#
39 151.9 19.8 29.8#



#59
2-Hexanone
Concen: 34.754 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 43 Resp: 319
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

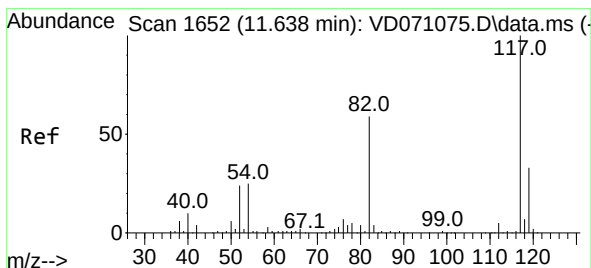
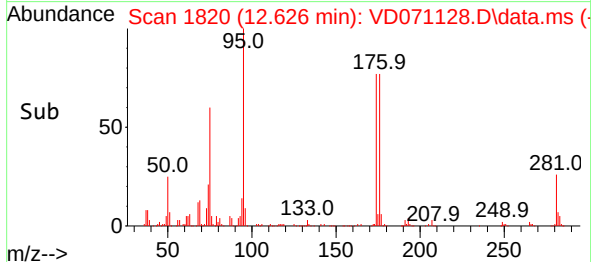
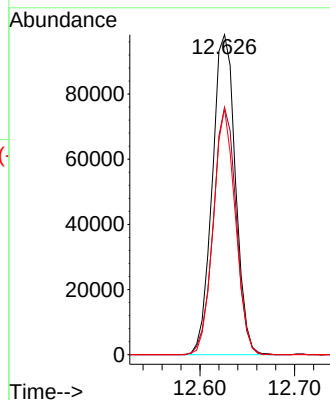
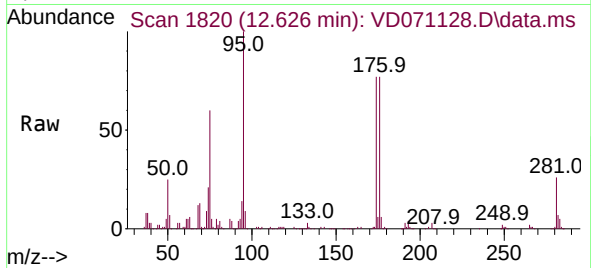




#62
4-Bromofluorobenzene
Concen: 44.586 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

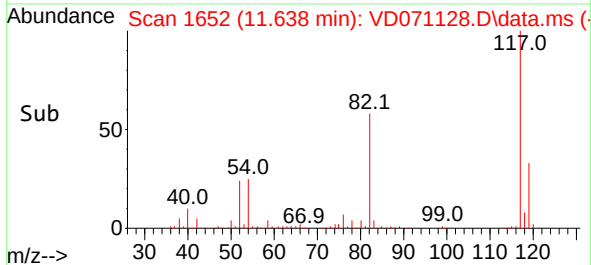
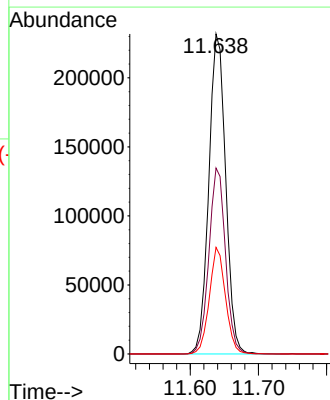
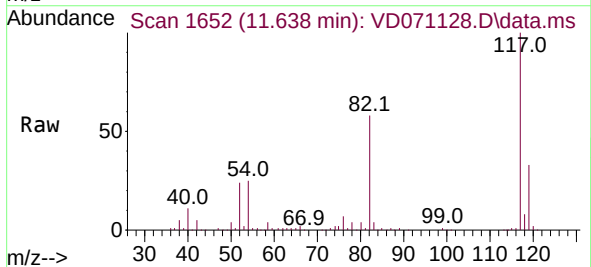
Instrument :
MSVOA_D
ClientSampleId :

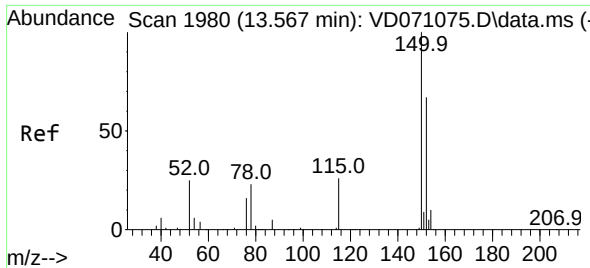
Tgt Ion: 95 Resp: 166464
Ion Ratio Lower Upper
95 100
174 76.1 0.0 159.4
176 73.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 117 Resp: 398966
Ion Ratio Lower Upper
117 100
82 58.1 44.7 67.1
119 33.3 26.2 39.4

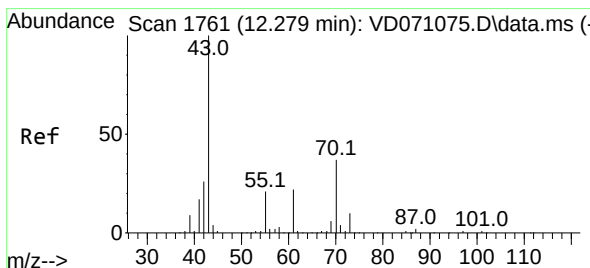
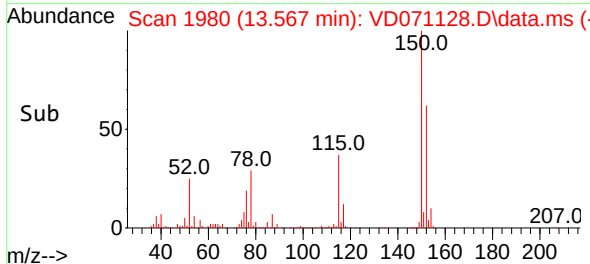
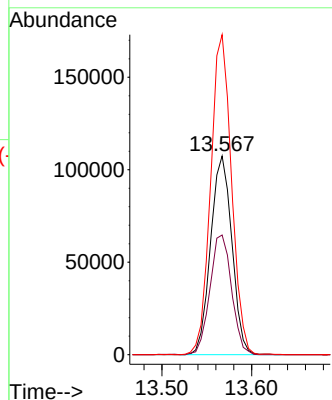
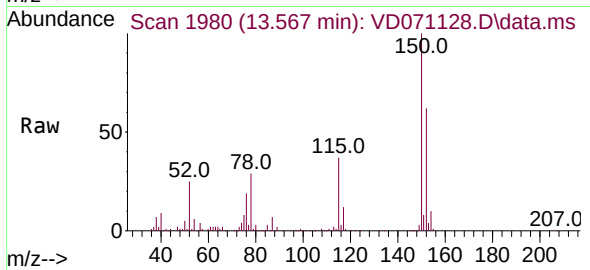




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

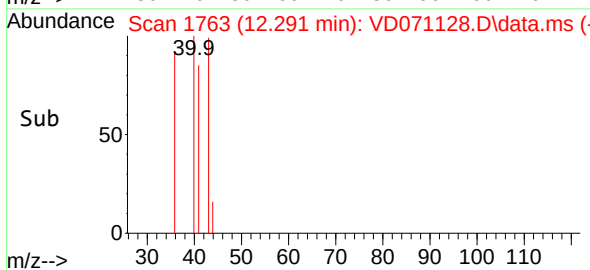
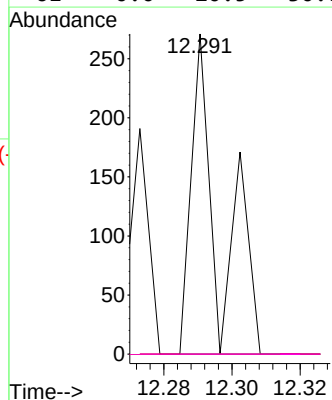
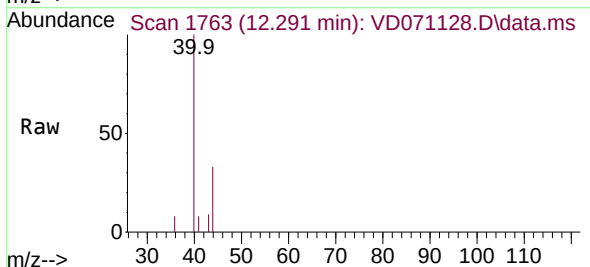
Instrument :
MSVOA_D
ClientSampleId :

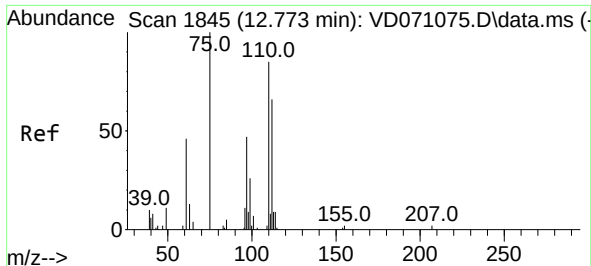
Tgt Ion:152 Resp: 177009
Ion Ratio Lower Upper
152 100
115 61.3 29.8 89.3
150 157.8 0.0 349.2



#74
N-ethyl acetate
Concen: 5.740 ug/l
RT: 12.291 min Scan# 1763
Delta R.T. 0.012 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 0.0 22.5 33.7#
61 0.0 20.5 30.7#

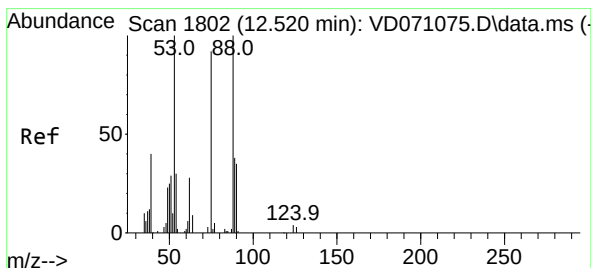
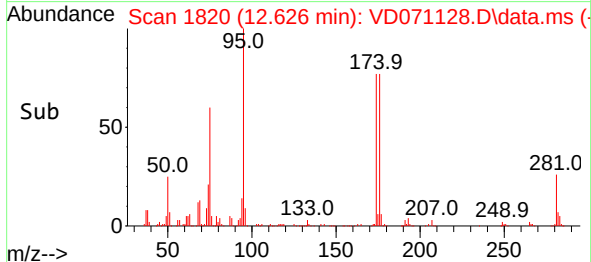
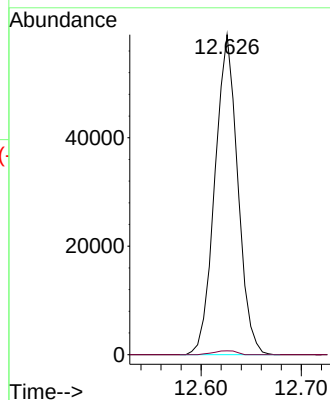
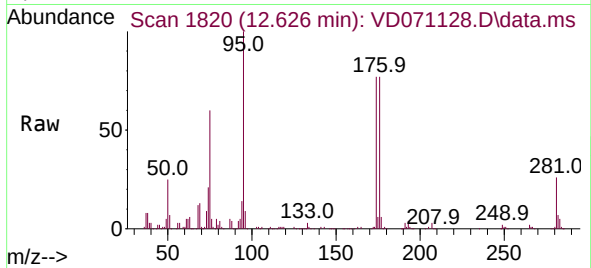




#76
1,2,3-Trichloropropane
Concen: 55.388 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 93410
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.363 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD071128.D
Acq: 03 Dec 2021 10:56

Tgt Ion: 75 Resp: 93410
Ion Ratio Lower Upper
75 100
53 0.1 62.6 94.0#
89 0.5 34.5 51.7#

