

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111121\
 Data File : VD070985.D
 Acq On : 11 Nov 2021 12:09
 Operator : VA/SY
 Sample : M4574-04
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 12 07:59:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

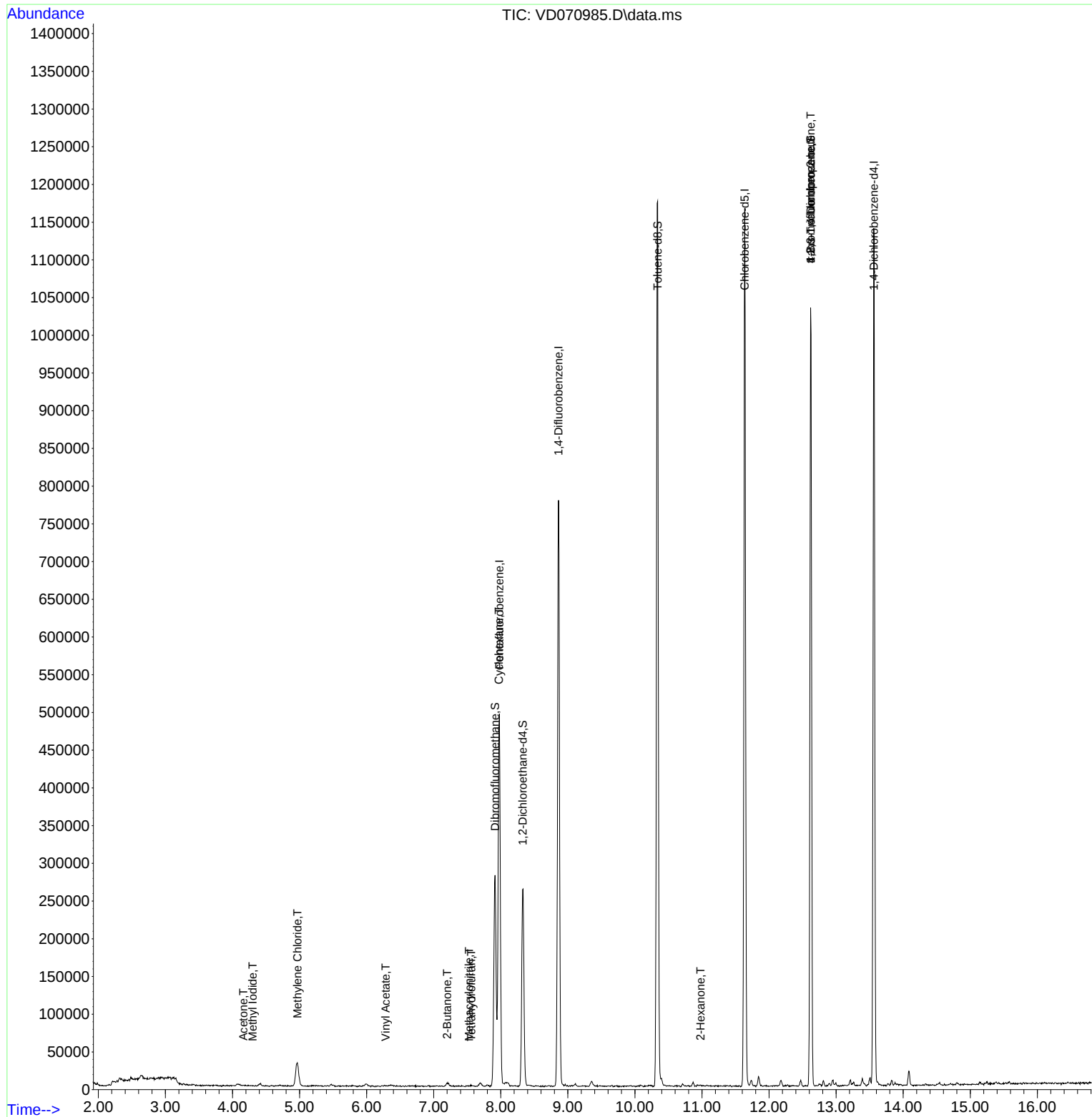
Internal Standards						
1) Pentafluorobenzene	7.979	168	355782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	641770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	621549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	286102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208764	55.111	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.220%	
35) Dibromofluoromethane	7.914	113	198133	54.712	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.420%	
50) Toluene-d8	10.338	98	802652	56.596	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.200%	
62) 4-Bromofluorobenzene	12.620	95	298906	58.535	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.080%	
Target Compounds						Qvalue
10) Methyl Iodide	4.303	142	818	6.196	ug/l #	57
13) Acrolein	3.944	56	54	Below Cal	#	55
16) Acetone	4.161	43	2172	21.751	ug/l #	71
20) Methylene Chloride	4.967	84	22590	4.862	ug/l	90
23) Vinyl Acetate	6.285	43	228	21.010	ug/l #	72
25) 2-Butanone	7.202	43	330	20.597	ug/l #	45
29) Tetrahydrofuran	7.561	42	880	1.143	ug/l #	49
31) Cyclohexane	7.973	56	12339	1.584	ug/l #	7
41) Methacrylonitrile	7.526	41	386	3.692	ug/l #	20
59) 2-Hexanone	10.979	43	1217	16.478	ug/l #	46
76) 1,2,3-Trichloropropane	12.620	75	163259	66.803	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	163259	123.404	ug/l #	18

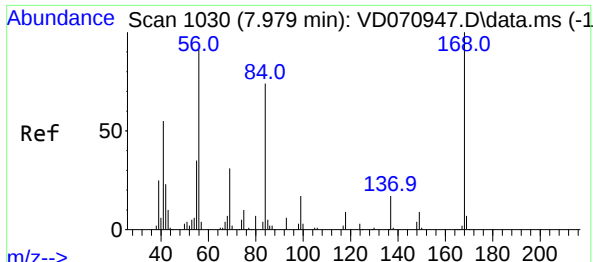
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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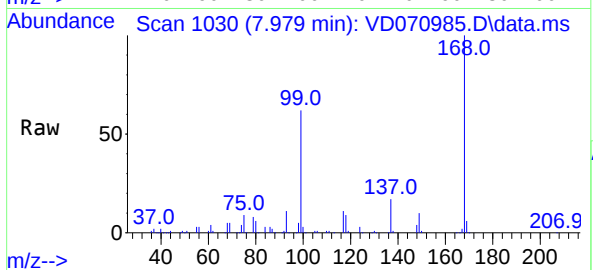
Quant Time: Nov 12 07:59:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 10 03:55:51 2021
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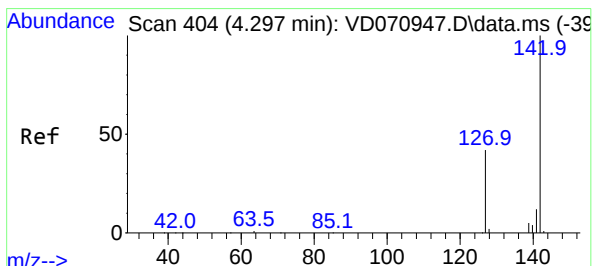
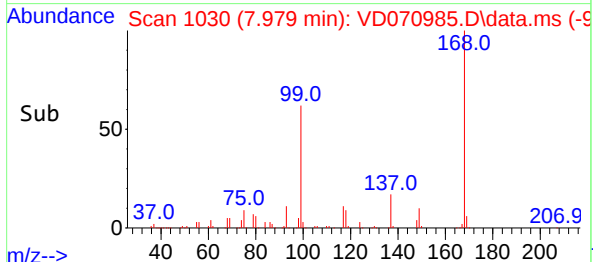
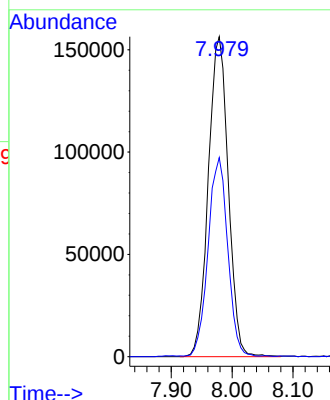


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :

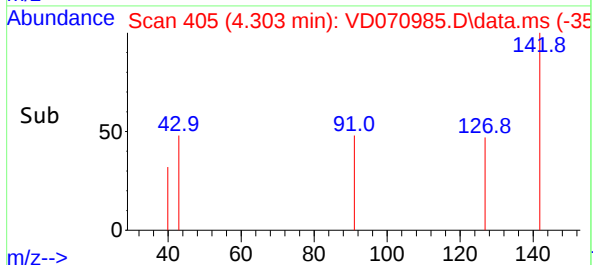
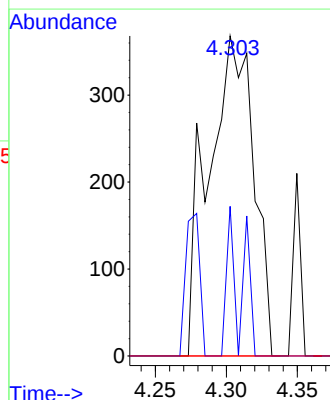
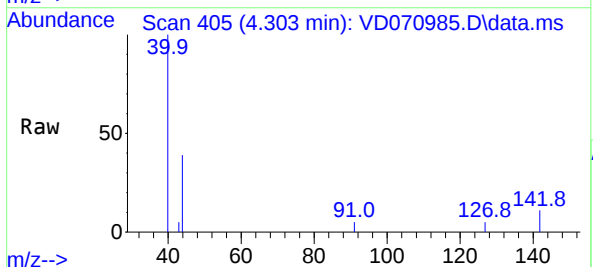


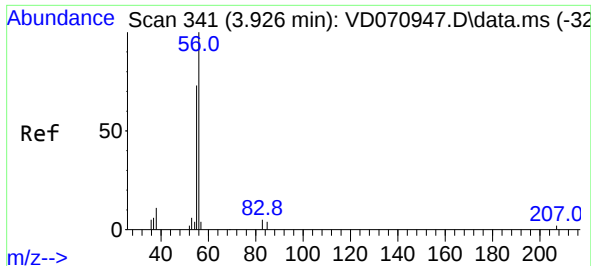
Tgt Ion:168 Resp: 355782
Ion Ratio Lower Upper
168 100
99 62.0 46.6 69.8



#10
Methyl Iodide
Concen: 6.196 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion:142 Resp: 818
Ion Ratio Lower Upper
142 100
127 14.4 35.0 52.4#
141 0.0 12.0 18.0#

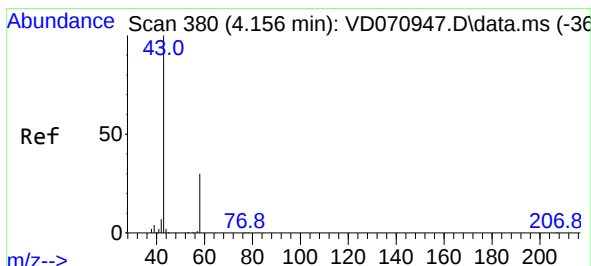
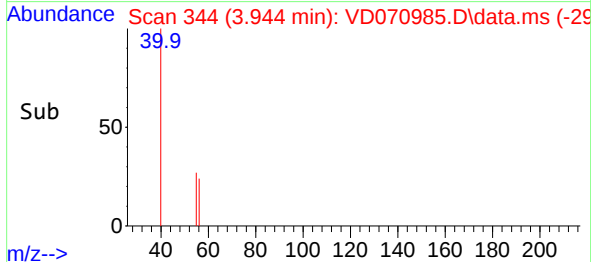
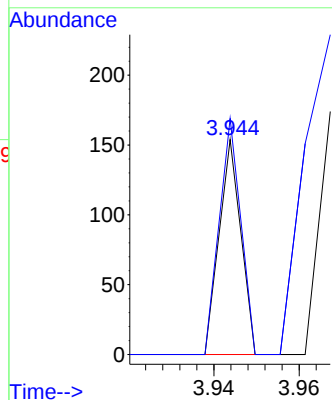
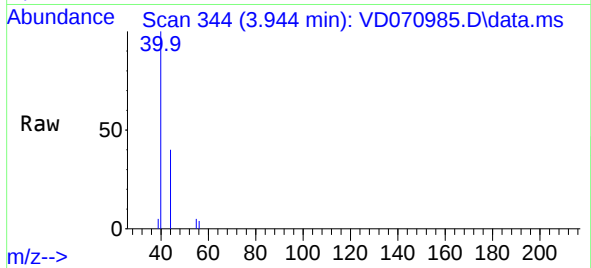




#13
Acrolein
Concen: Below Cal
RT: 3.944 min Scan# 341
Delta R.T. 0.018 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

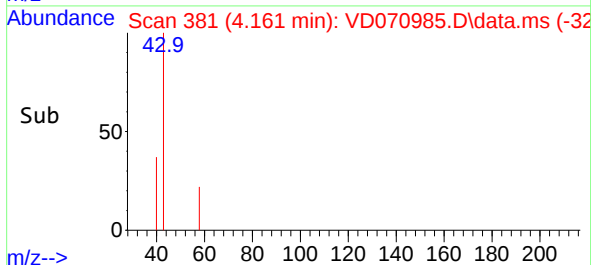
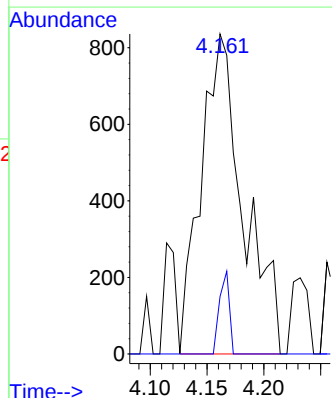
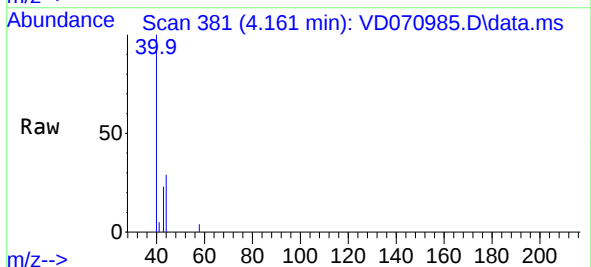
Instrument :
MSVOA_D
ClientSampleId :

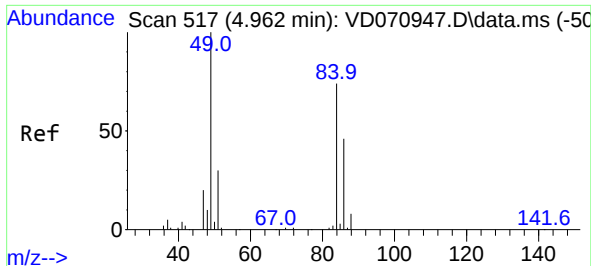
Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 111.1 58.6 87.8#



#16
Acetone
Concen: 21.751 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

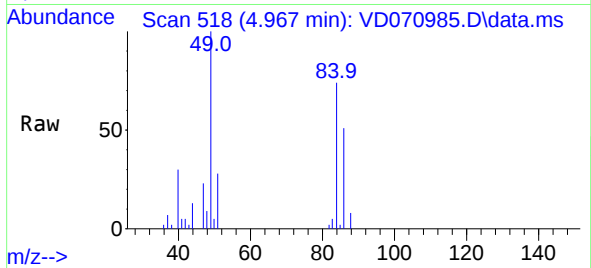
Tgt Ion: 43 Resp: 2172
Ion Ratio Lower Upper
43 100
58 17.9 27.8 41.8#





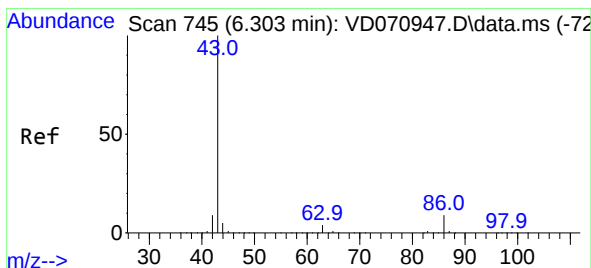
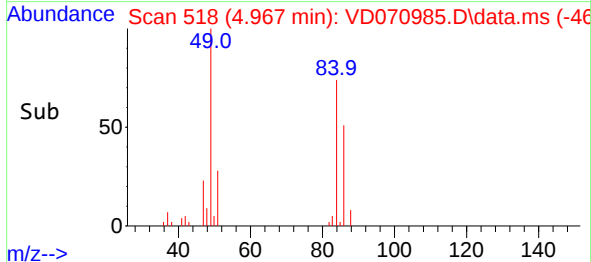
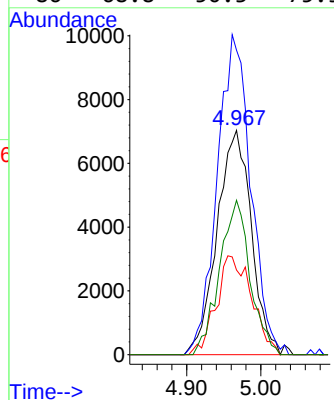
#20
Methylene Chloride
Concen: 4.862 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 22590

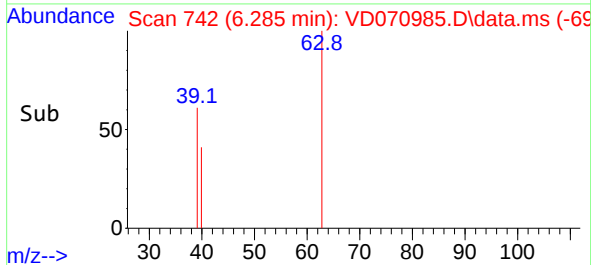
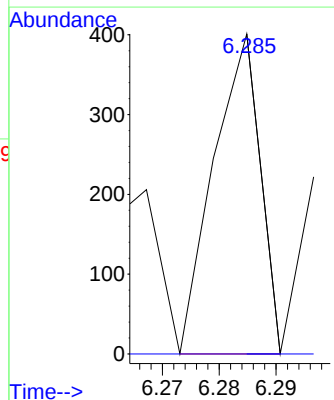
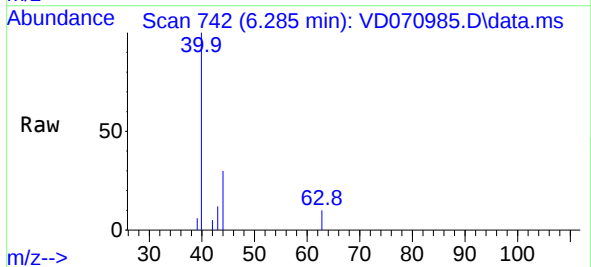
Ion	Ratio	Lower	Upper
84	100		
49	135.7	95.8	143.6
51	37.7	30.9	46.3
86	68.8	50.3	75.5

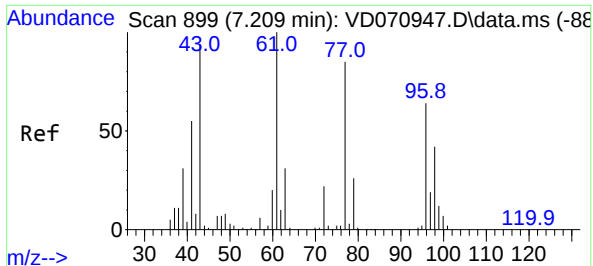


#23
Vinyl Acetate
Concen: 21.010 ug/l
RT: 6.285 min Scan# 742
Delta R.T. -0.018 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion: 43 Resp: 228

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





#25

2-Butanone

Concen: 20.597 ug/l

RT: 7.202 min Scan# 899

Delta R.T. -0.007 min

Lab File: VD070985.D

Acq: 11 Nov 2021 12:09

Instrument :

MSVOA_D

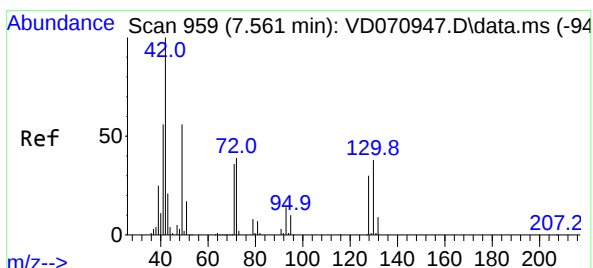
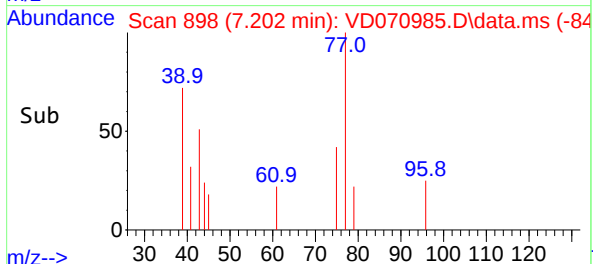
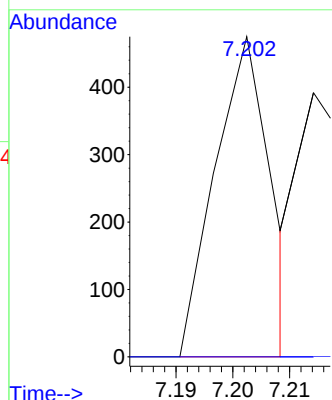
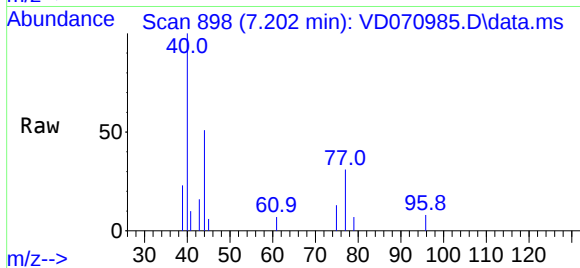
ClientSampleId :

Tgt Ion: 43 Resp: 330

Ion Ratio Lower Upper

43 100

72 0.0 23.8 35.6#



#29

Tetrahydrofuran

Concen: 1.143 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070985.D

Acq: 11 Nov 2021 12:09

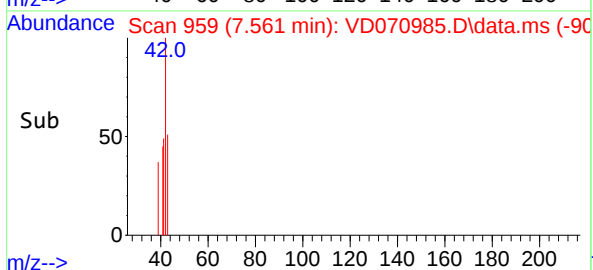
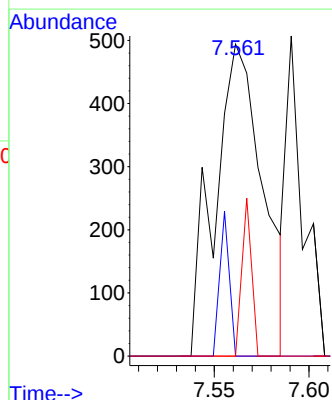
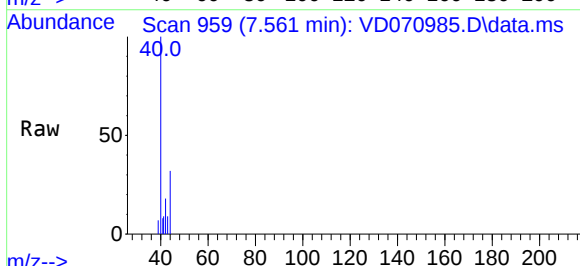
Tgt Ion: 42 Resp: 880

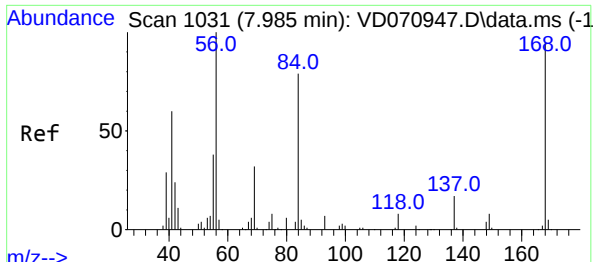
Ion Ratio Lower Upper

42 100

72 9.2 33.7 50.5#

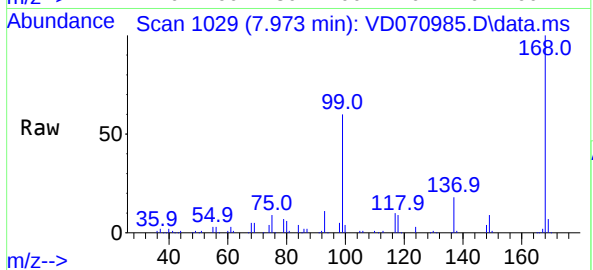
71 10.0 32.7 49.1#



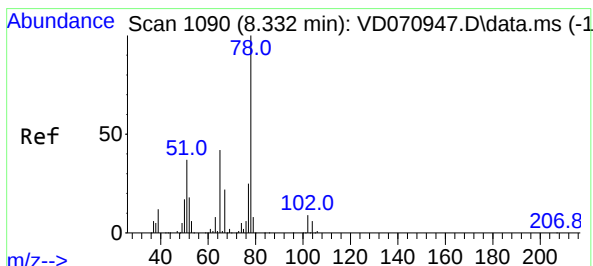
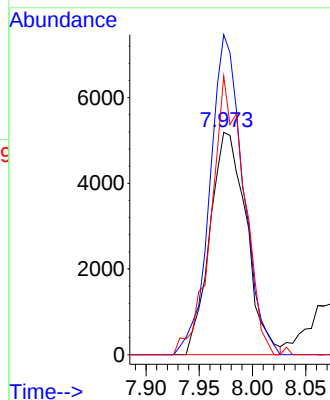
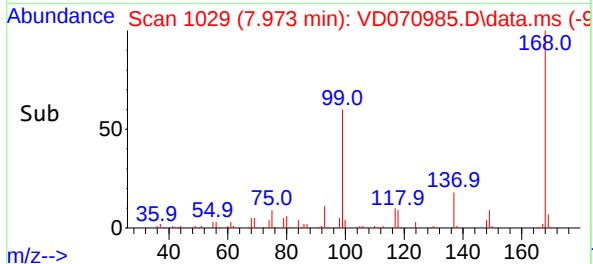


#31
Cyclohexane
Concen: 1.584 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

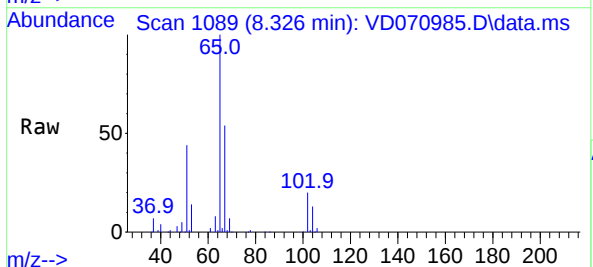
Instrument :
MSVOA_D
ClientSampleId :



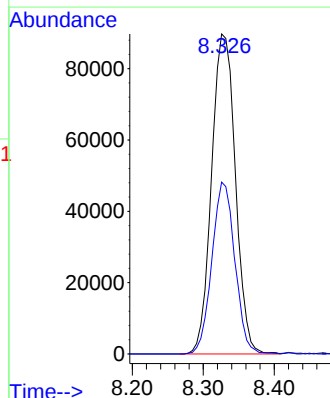
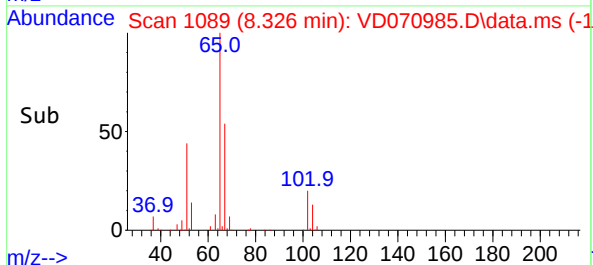
Tgt Ion: 56 Resp: 12339
Ion Ratio Lower Upper
56 100
69 143.9 25.9 38.9#
84 125.3 64.3 96.5#

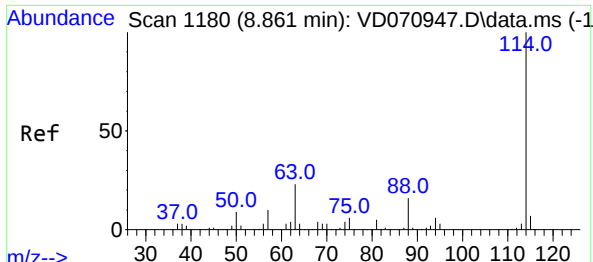


#33
1,2-Dichloroethane-d4
Concen: 55.111 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09



Tgt Ion: 65 Resp: 208764
Ion Ratio Lower Upper
65 100
67 51.8 0.0 112.2



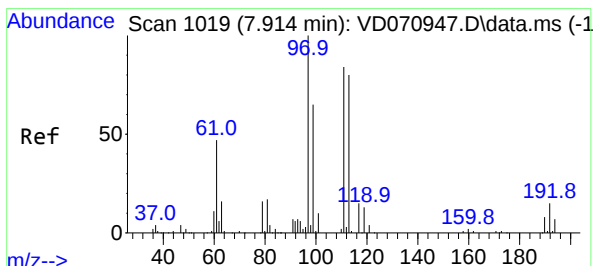
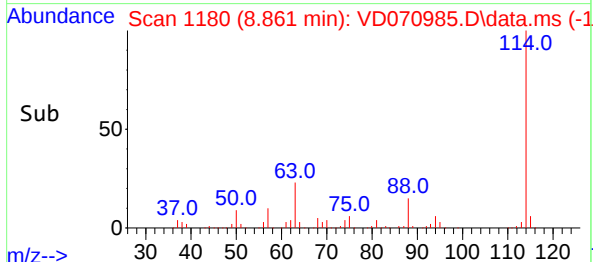
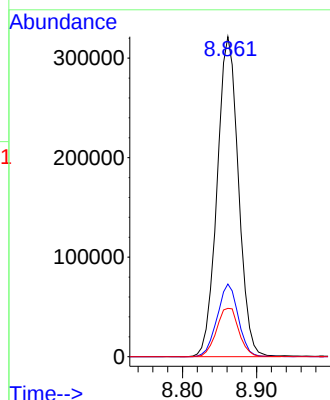
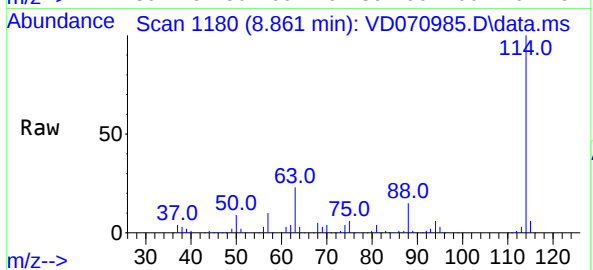


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 641770

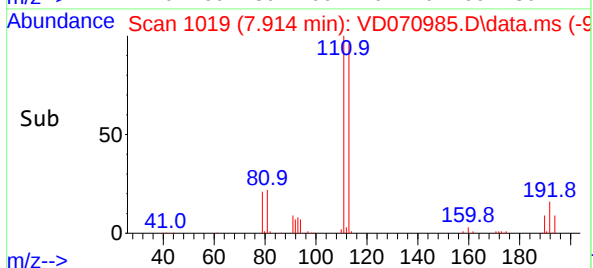
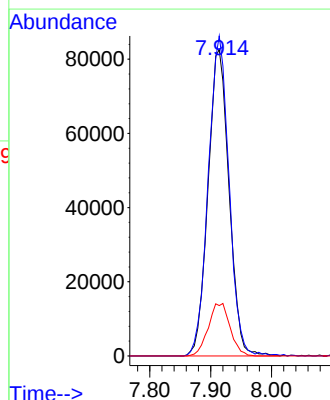
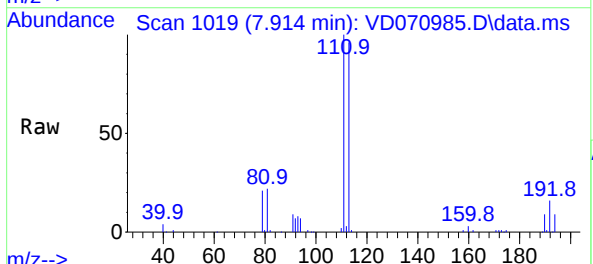
Ion	Ratio	Lower	Upper
114	100		
63	22.7	0.0	41.8
88	15.1	0.0	32.8

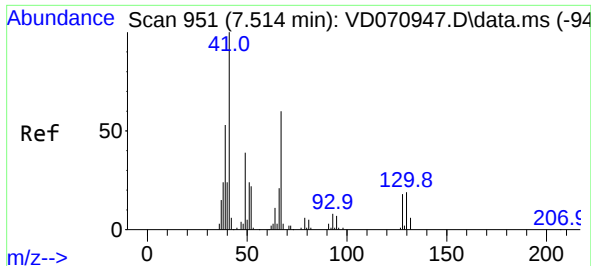


#35
Dibromofluoromethane
Concen: 54.712 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion:113 Resp: 198133

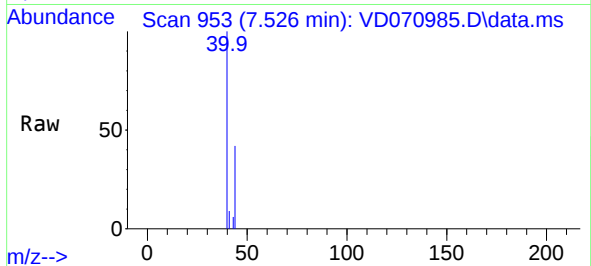
Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.0	123.0
192	17.8	15.2	22.8



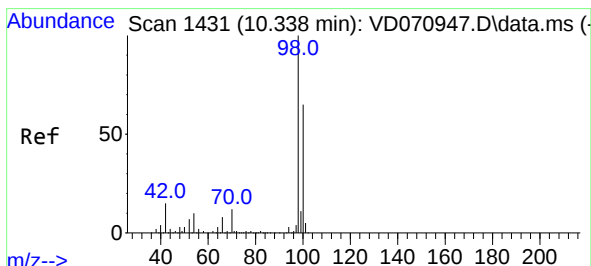
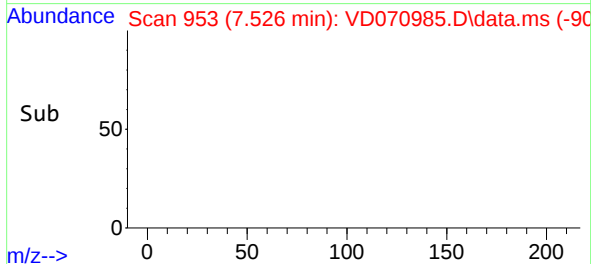
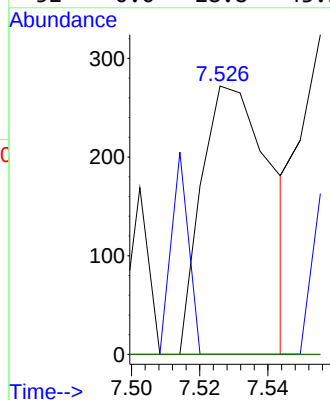


#41
Methacrylonitrile
Concen: 3.692 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :

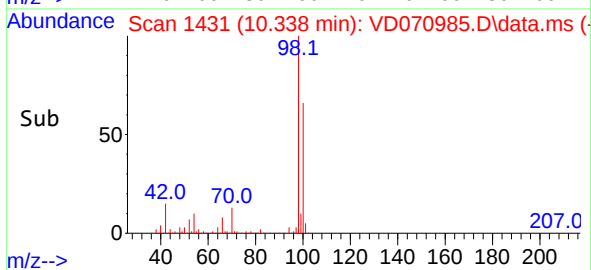
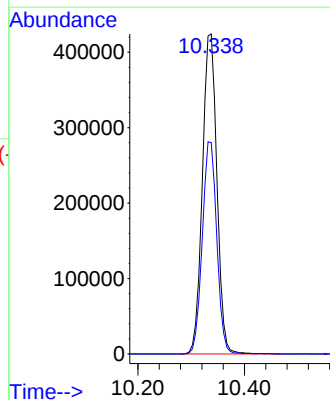
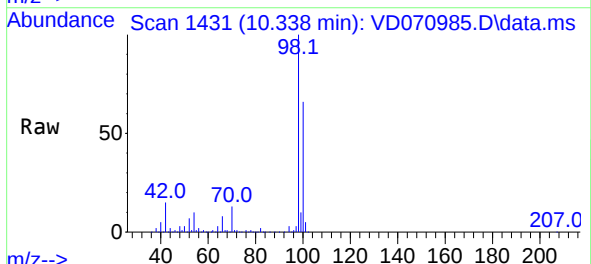


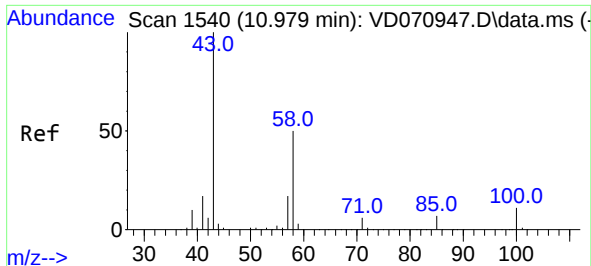
Tgt Ion: 41 Resp: 386
Ion Ratio Lower Upper
41 100
39 18.7 60.2 90.4#
67 0.0 74.8 112.2#
52 0.0 28.8 43.2#



#50
Toluene-d8
Concen: 56.596 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion: 98 Resp: 802652
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6

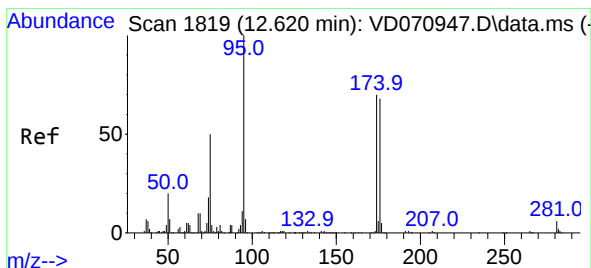
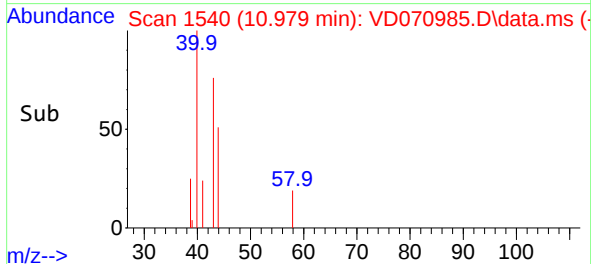
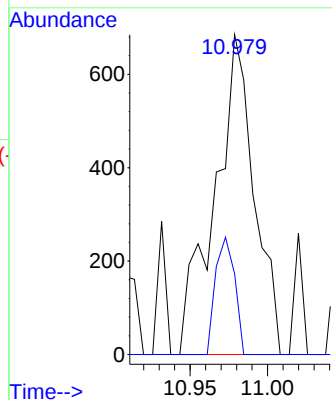
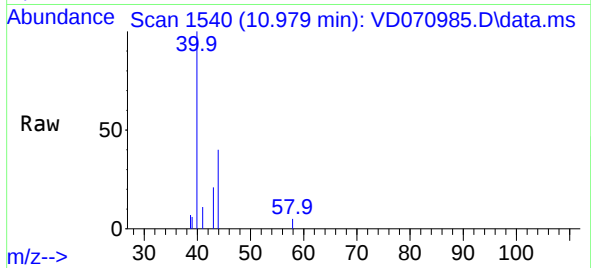




#59
2-Hexanone
Concen: 16.478 ug/l
RT: 10.979 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

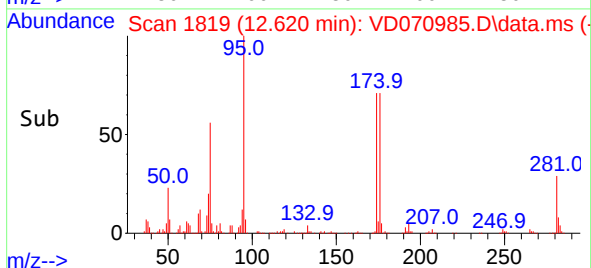
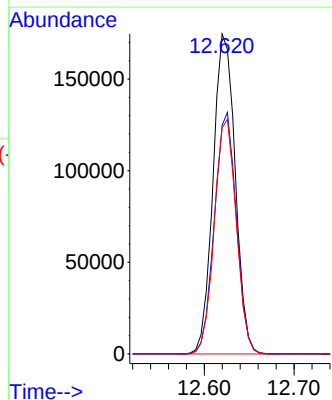
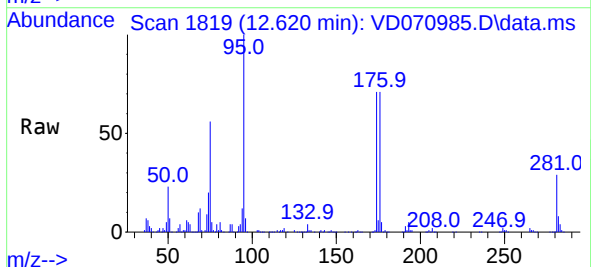
Instrument :
MSVOA_D
ClientSampleId :

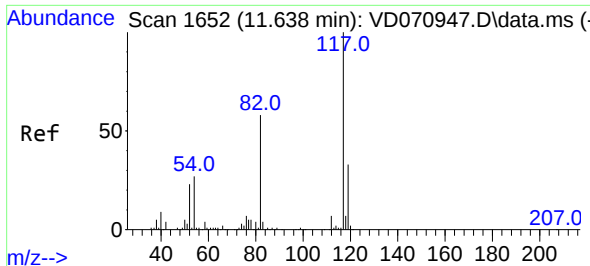
Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 17.7 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 58.535 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

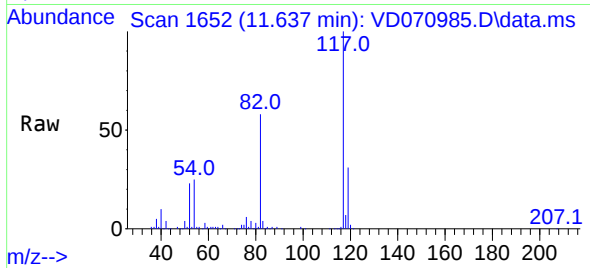
Tgt Ion: 95 Resp: 298906
Ion Ratio Lower Upper
95 100
174 74.8 0.0 159.4
176 72.9 0.0 154.0



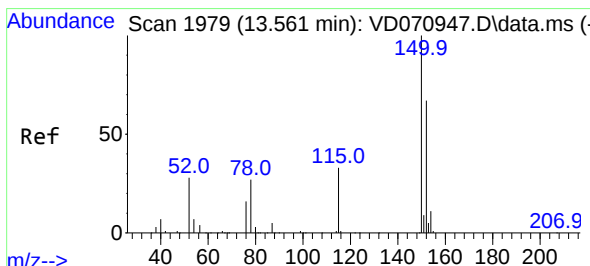
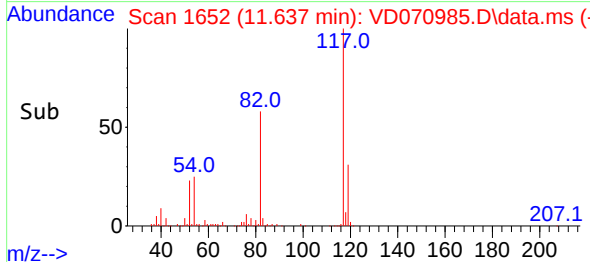
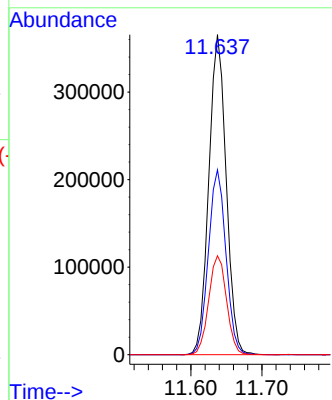


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :

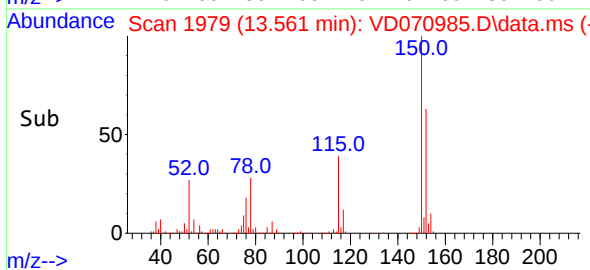
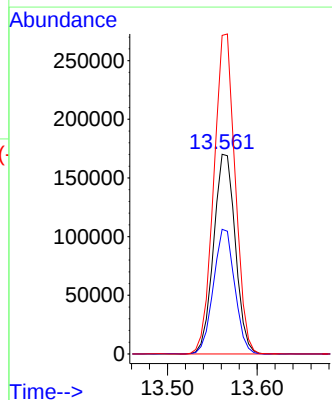
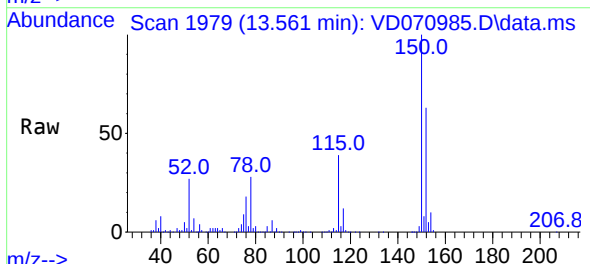


Tgt Ion:117 Resp: 621549
Ion Ratio Lower Upper
117 100
82 57.7 44.7 67.1
119 30.9 26.2 39.4

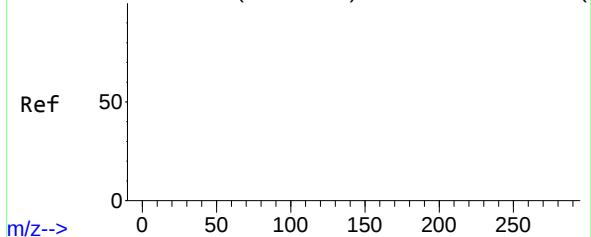


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

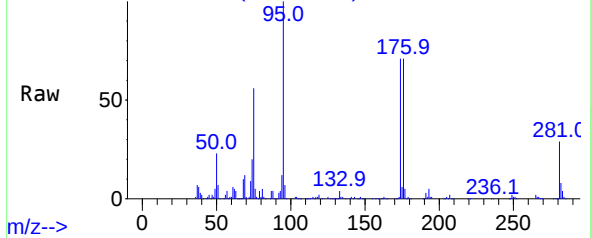
Tgt Ion:152 Resp: 286102
Ion Ratio Lower Upper
152 100
115 61.4 29.8 89.3
150 158.0 0.0 349.2



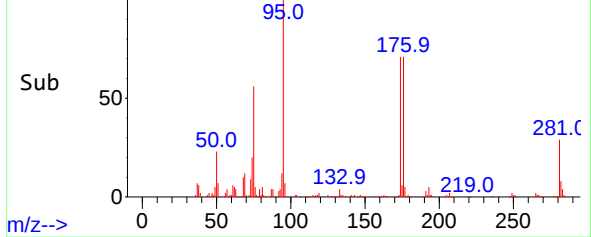
Abundance Scan 1847 (12.785 min): VD070947.D\data.ms (-



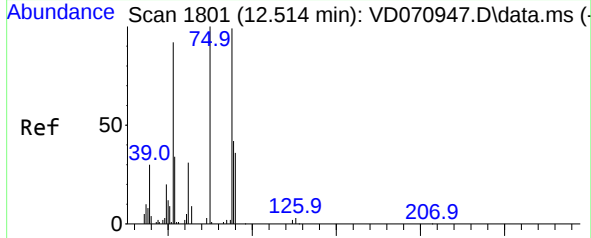
Ref 50



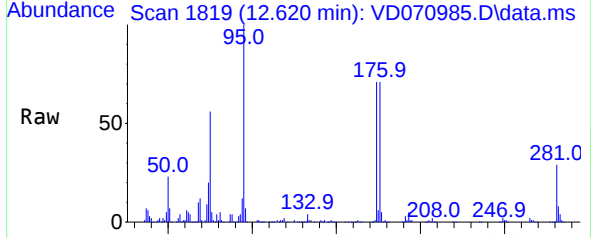
Raw 50



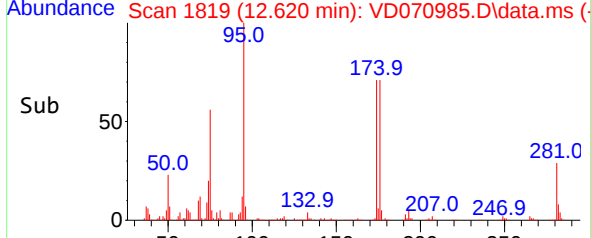
Sub 50



Ref 50



Raw 50

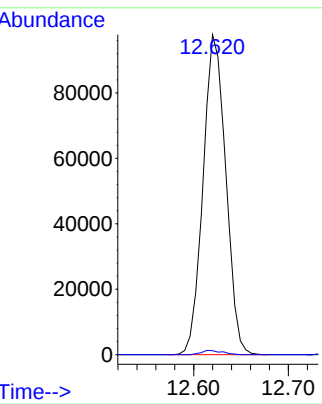


Sub 50

#76
1,2,3-Trichloropropane
Concen: 66.803 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.165 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 163259
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.404 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD070985.D
Acq: 11 Nov 2021 12:09

Tgt Ion: 75 Resp: 163259
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.5 34.5 51.7#

