

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120721\
 Data File : VD071185.D
 Acq On : 07 Dec 2021 16:04
 Operator : VA/SY
 Sample : M4959-10
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 02:50:47 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	7.985	168	142067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	250287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	290915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	147440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.332	65	102357	61.40	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.80%	
35) Dibromofluoromethane	7.914	113	86211	54.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.18%	
50) Toluene-d8	10.338	98	329432	54.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.62%	
62) 4-Bromofluorobenzene	12.626	95	142692	67.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 135.74%	

Target Compounds

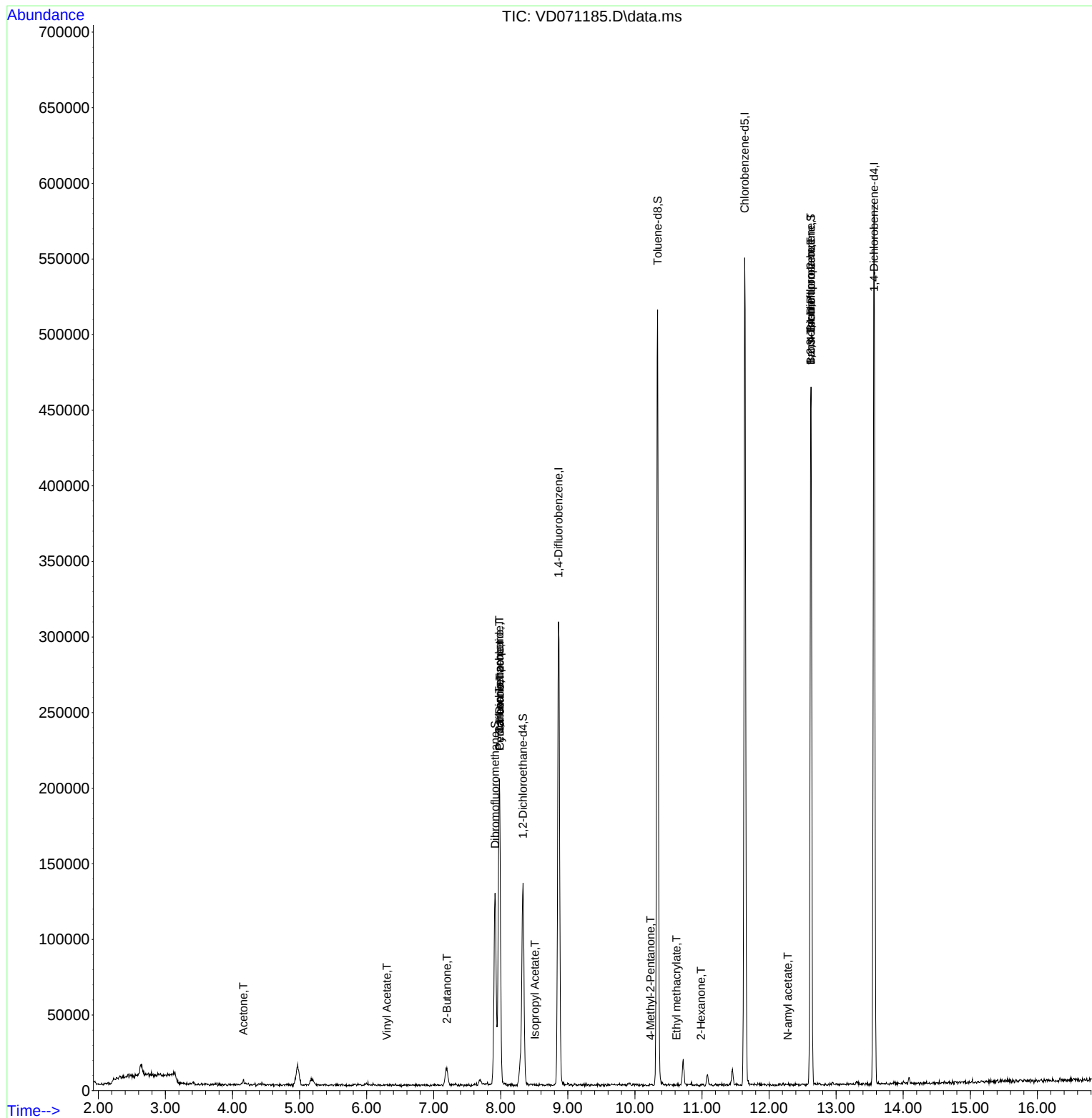
						Qvalue
11) Tert butyl alcohol	5.173	59	4452	Below Cal	#	74
16) Acetone	4.161	43	3680	38.09	ug/l	96
23) Vinyl Acetate	6.303	43	188	27.28	ug/l #	72
25) 2-Butanone	7.197	43	882	29.89	ug/l #	45
31) Cyclohexane	7.985	56	4505	1.59	ug/l #	43
36) 1,1-Dichloropropene	7.979	75	12728	5.44	ug/l #	51
38) Carbon Tetrachloride	7.979	117	16331	7.08	ug/l #	20
41) Methacrylonitrile	7.538	41	183	Below Cal	#	44
43) Isopropyl Acetate	8.508	43	54	5.24	ug/l #	47
51) 4-Methyl-2-Pentanone	10.232	43	270	30.86	ug/l #	34
56) Ethyl methacrylate	10.620	69	83	6.01	ug/l #	52
59) 2-Hexanone	10.985	43	59	34.63	ug/l #	22
71) Bromoform	12.620	173	1077	1.05	ug/l #	1
74) N-amyl acetate	12.279	43	62	5.72	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	79679	56.72	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	79679	123.12	ug/l #	18

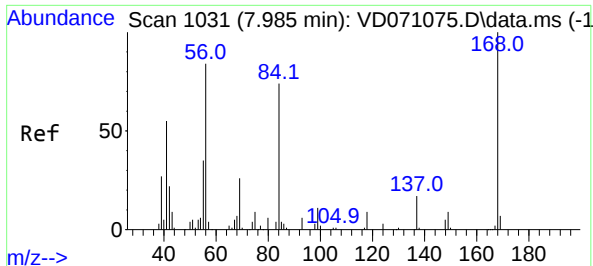
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD071185.D
Acq On : 07 Dec 2021 16:04
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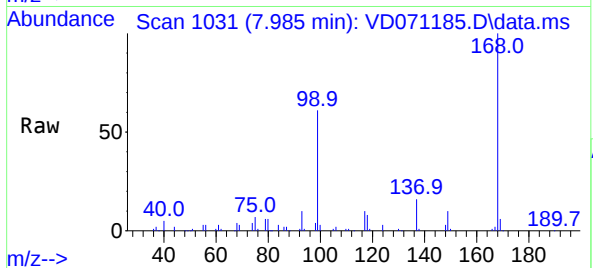
Quant Time: Dec 08 02:50:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
Response via : Initial Calibration



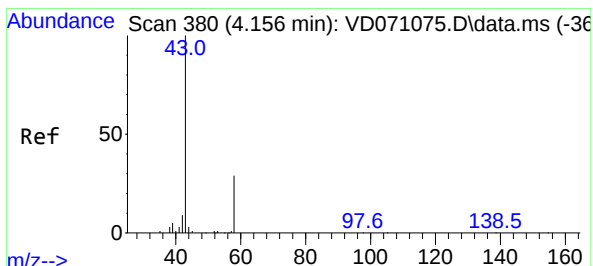
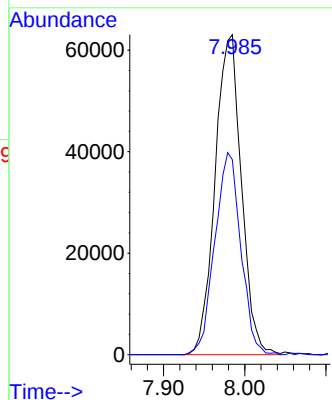
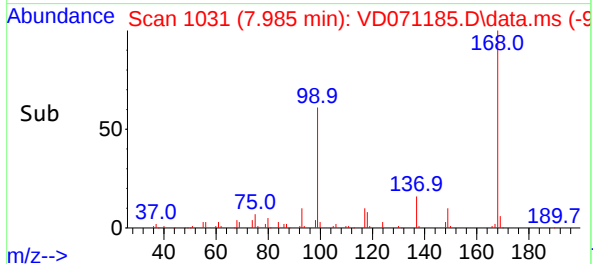


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :

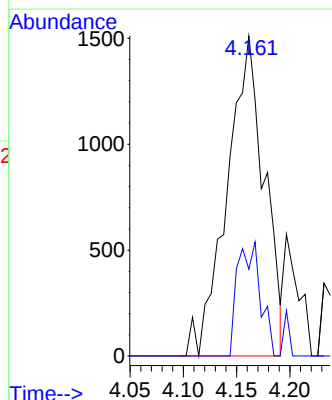
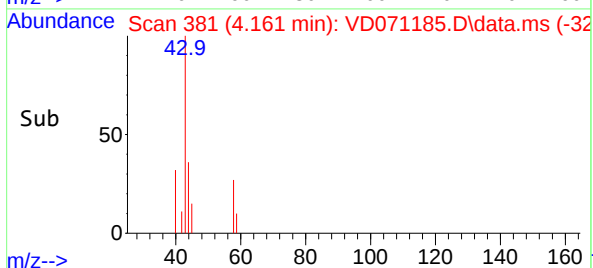
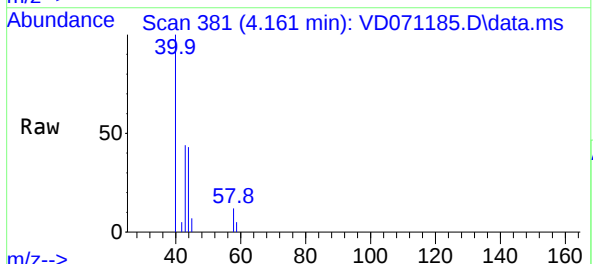


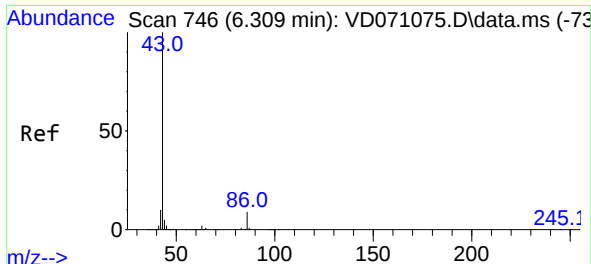
Tgt Ion:168 Resp: 142067
Ion Ratio Lower Upper
168 100
99 60.9 46.6 69.8



#16
Acetone
Concen: 38.09 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Tgt Ion: 43 Resp: 3680
Ion Ratio Lower Upper
43 100
58 37.4 27.8 41.8

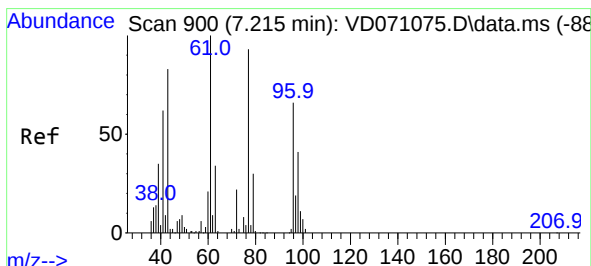
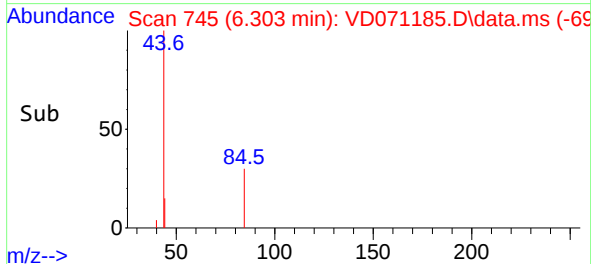
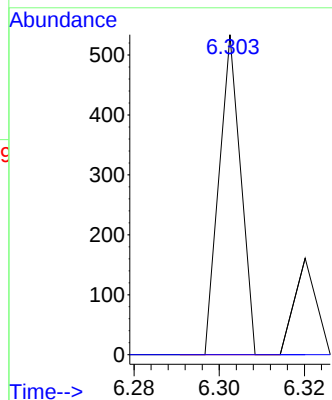
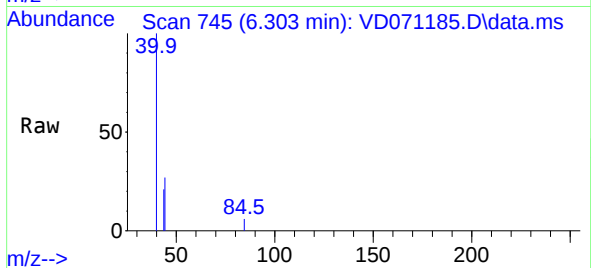




#23
 Vinyl Acetate
 Concen: 27.28 ug/l
 RT: 6.303 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071185.D
 Acq: 07 Dec 2021 16:04

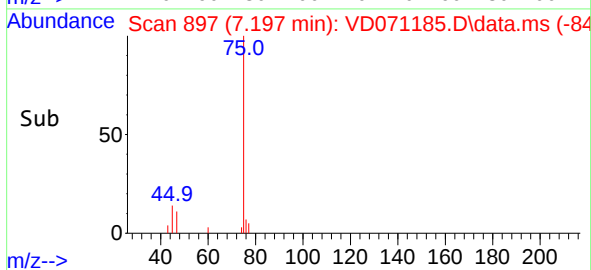
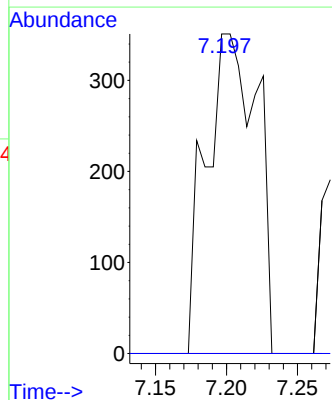
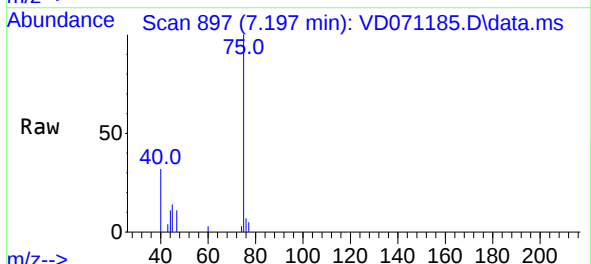
Instrument :
 MSVOA_D
 ClientSampleId :

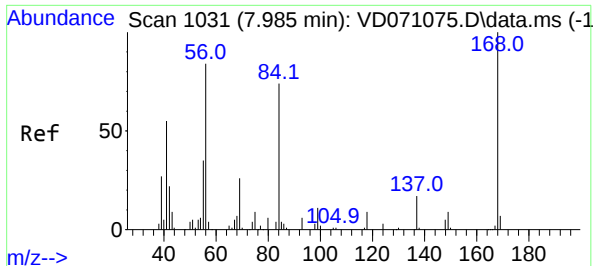
Tgt Ion: 43 Resp: 188
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 29.89 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.018 min
 Lab File: VD071185.D
 Acq: 07 Dec 2021 16:04

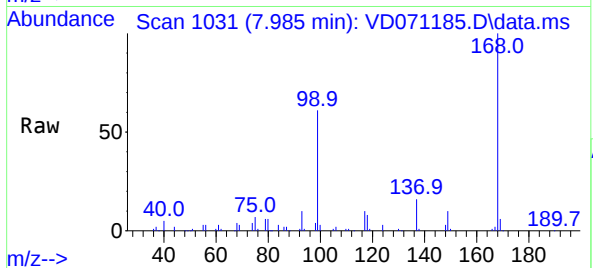
Tgt Ion: 43 Resp: 882
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.8 35.6#



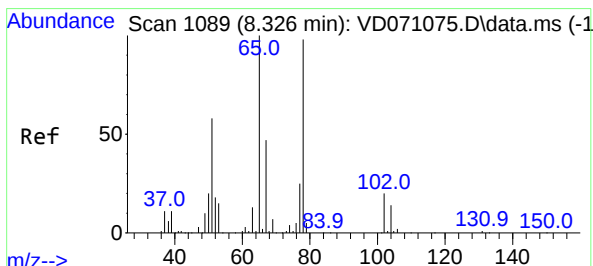
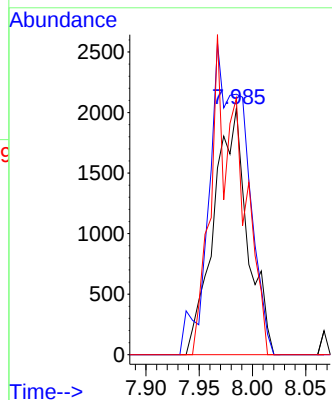
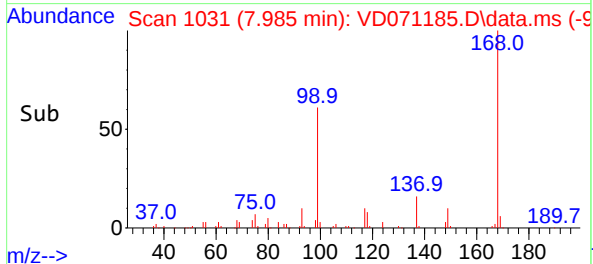


#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :

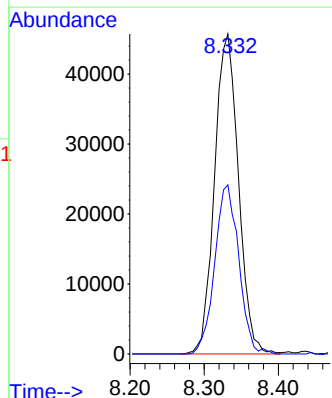
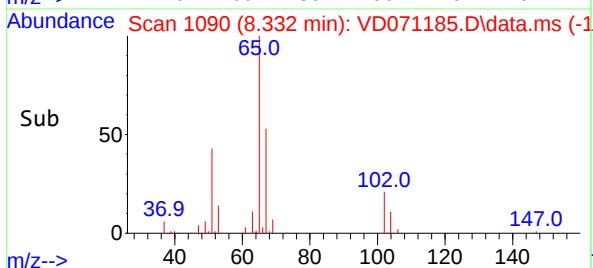
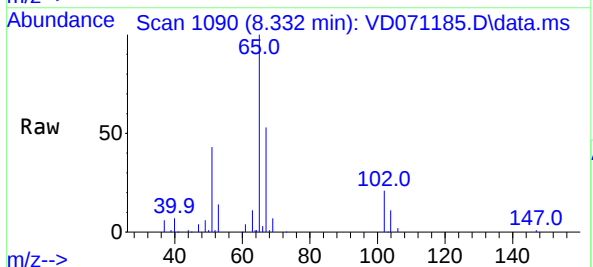


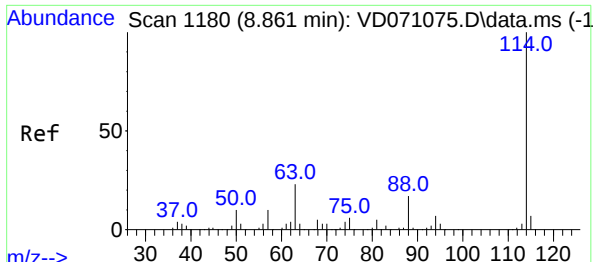
Tgt Ion: 56 Resp: 4505
Ion Ratio Lower Upper
56 100
69 105.9 25.9 38.9#
84 104.2 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 61.40 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Tgt Ion: 65 Resp: 102357
Ion Ratio Lower Upper
65 100
67 53.2 0.0 112.2

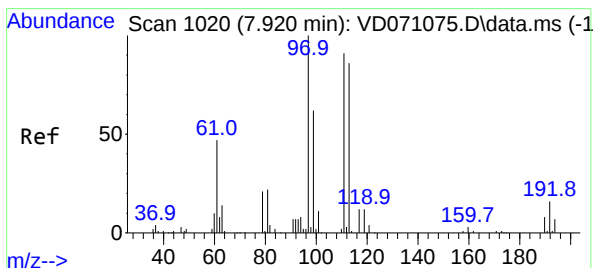
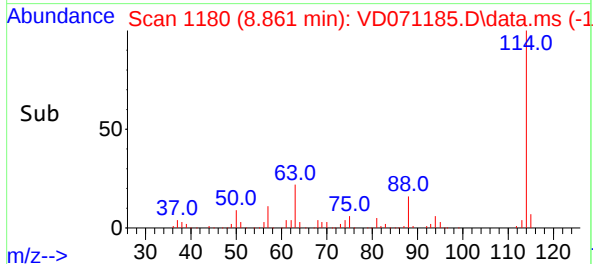
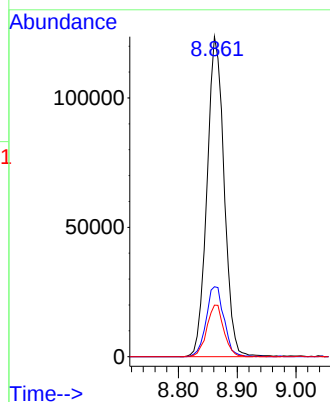
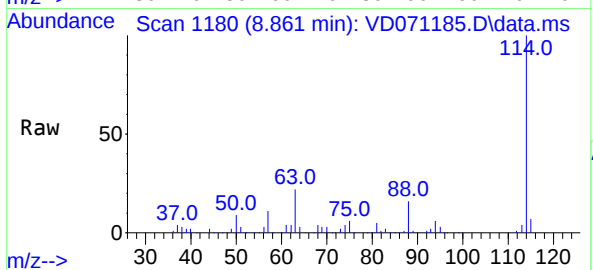




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

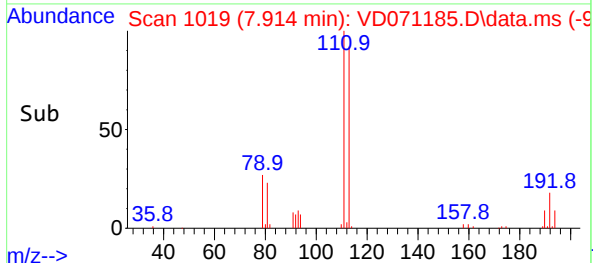
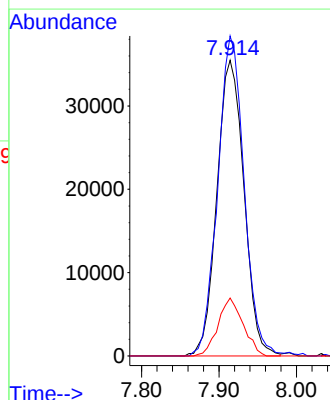
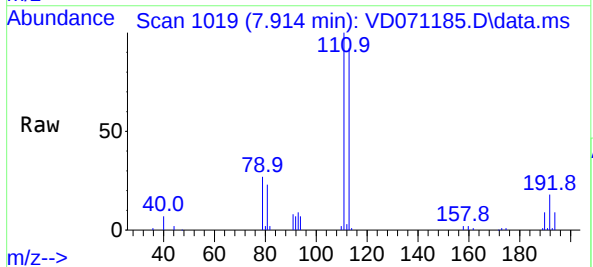
Instrument :
MSVOA_D
ClientSampleId :

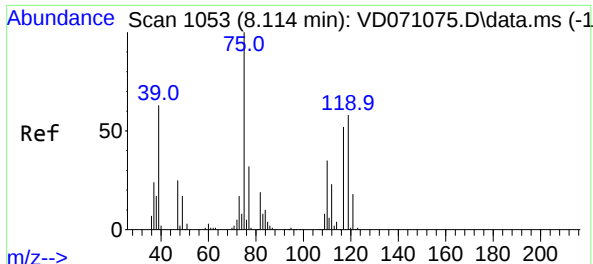
Tgt Ion:114 Resp: 250287
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.09 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

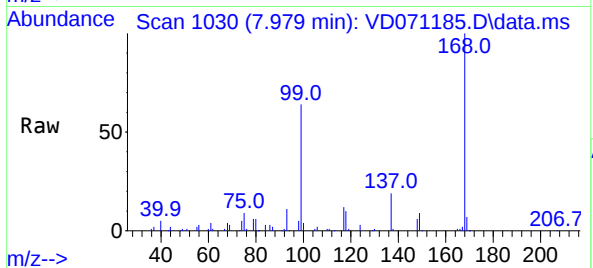
Tgt Ion:113 Resp: 86211
Ion Ratio Lower Upper
113 100
111 106.1 82.0 123.0
192 18.1 15.2 22.8



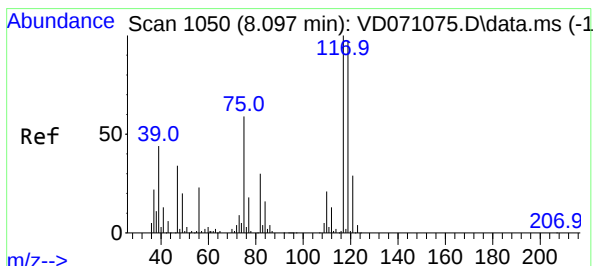
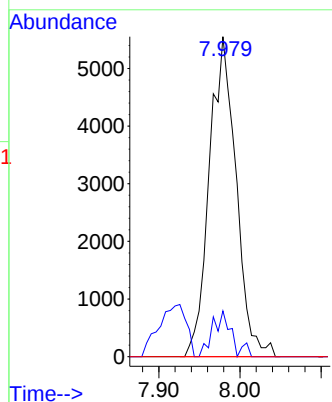
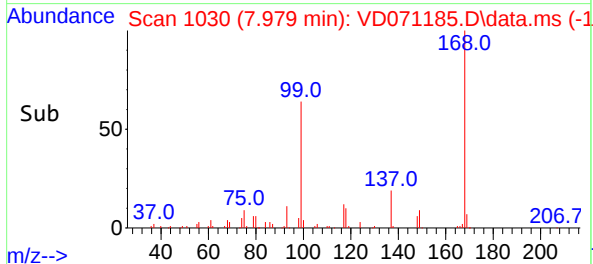


#36
1,1-Dichloropropene
Concen: 5.44 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

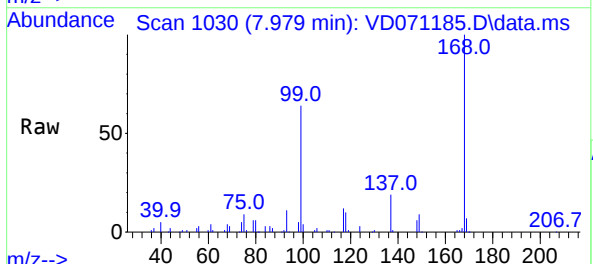
Instrument :
MSVOA_D
ClientSampleId :



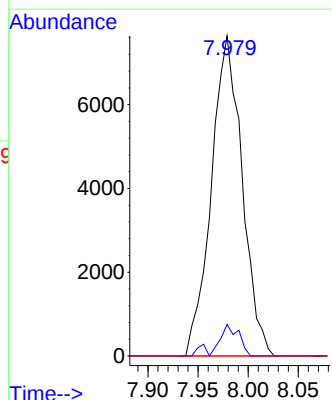
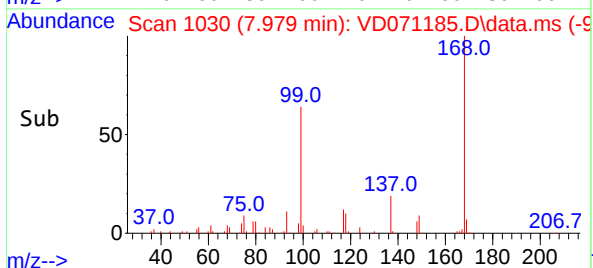
Tgt Ion: 75 Resp: 12728
Ion Ratio Lower Upper
75 100
110 10.2 17.8 53.4#
77 0.0 24.8 37.2#

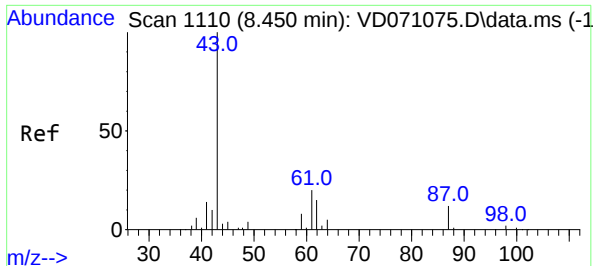


#38
Carbon Tetrachloride
Concen: 7.08 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04



Tgt Ion: 117 Resp: 16331
Ion Ratio Lower Upper
117 100
119 9.8 75.8 113.6#
121 0.0 23.6 35.4#





#43

Isopropyl Acetate

Concen: 5.24 ug/l

RT: 8.508 min Scan# 1110

Delta R.T. 0.058 min

Lab File: VD071185.D

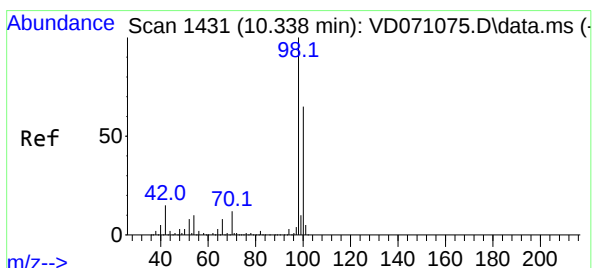
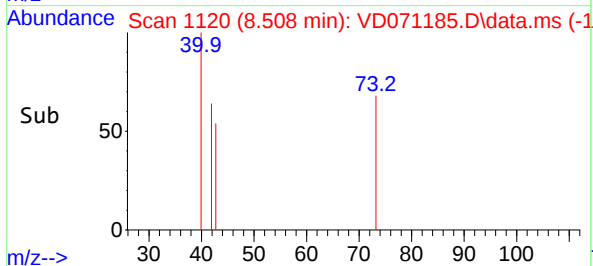
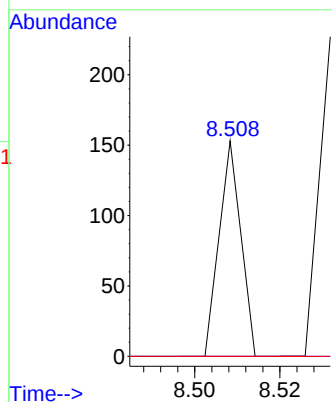
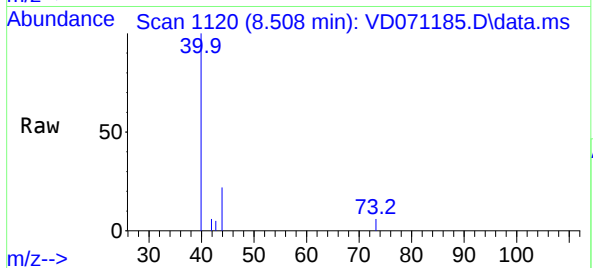
Acq: 07 Dec 2021 16:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 54
Ion Ratio	Lower Upper
43 100	
61 0.0	28.2 42.4#
87 0.0	10.7 16.1#



#50

Toluene-d8

Concen: 54.31 ug/l

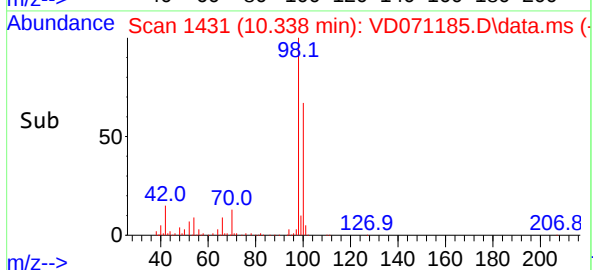
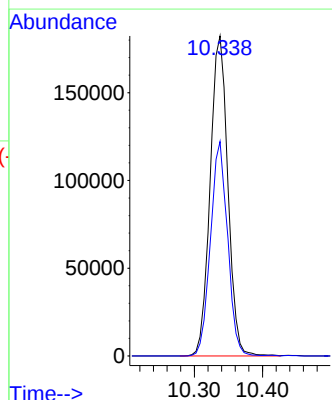
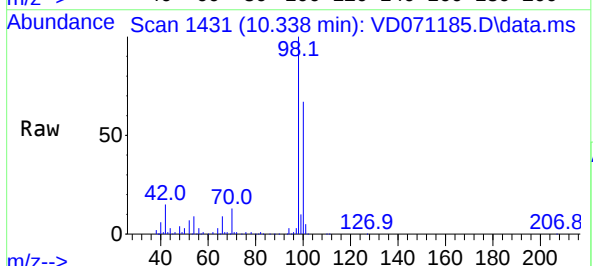
RT: 10.338 min Scan# 1431

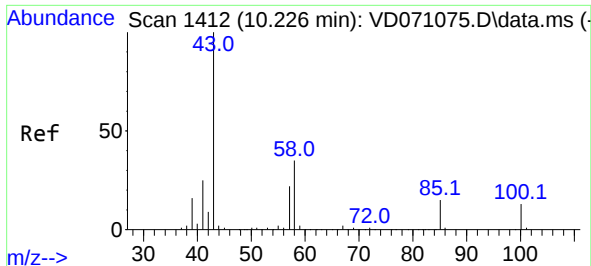
Delta R.T. -0.000 min

Lab File: VD071185.D

Acq: 07 Dec 2021 16:04

Tgt Ion: 98	Resp: 329432
Ion Ratio	Lower Upper
98 100	
100 64.8	51.8 77.6

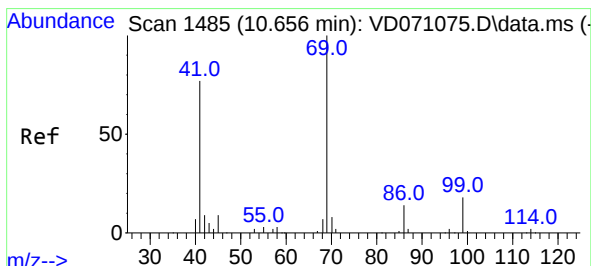
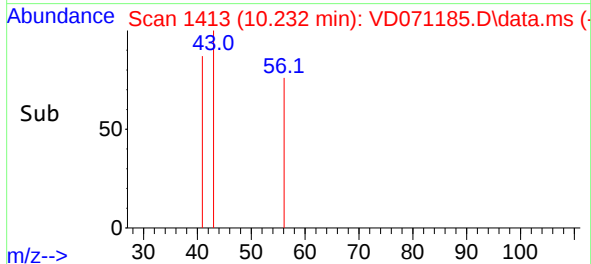
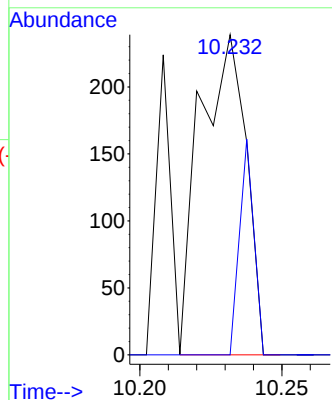
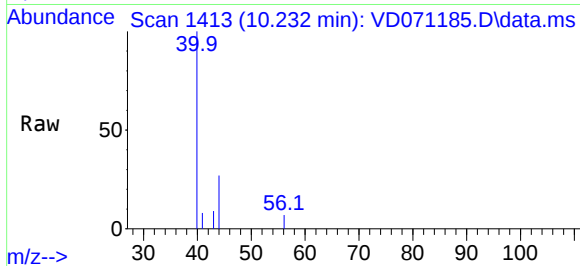




#51
4-Methyl-2-Pentanone
Concen: 30.86 ug/l
RT: 10.232 min Scan# 1412
Delta R.T. 0.006 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

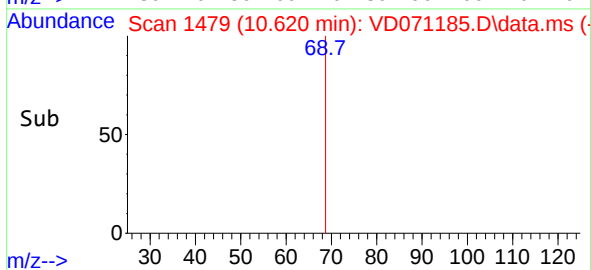
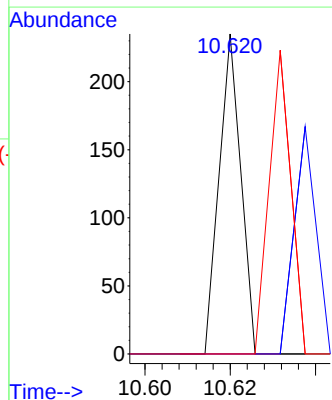
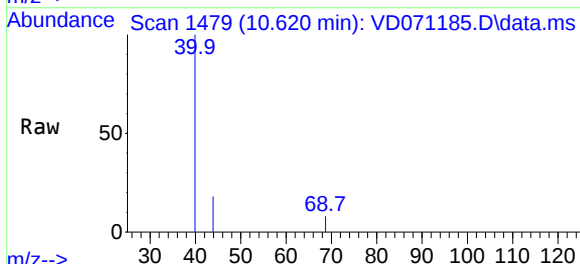
Instrument :
MSVOA_D
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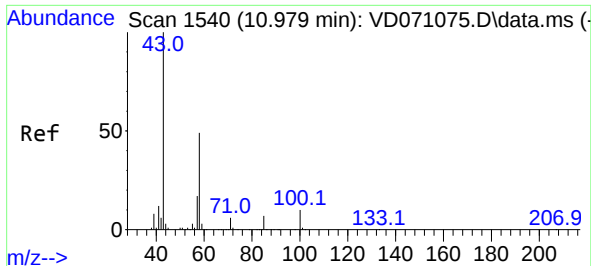
Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 0.0 33.1 49.7#



#56
Ethyl methacrylate
Concen: 6.01 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. -0.036 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Tgt Ion: 69 Resp: 83
Ion Ratio Lower Upper
69 100
41 71.1 50.2 75.2
39 95.2 19.8 29.8#

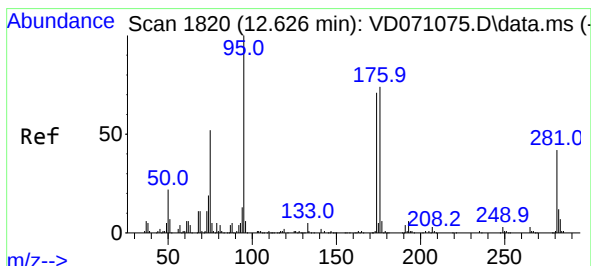
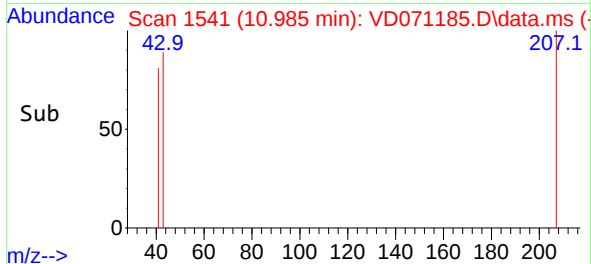
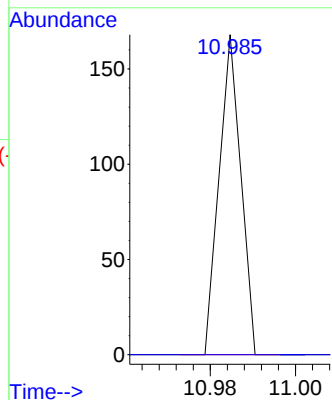
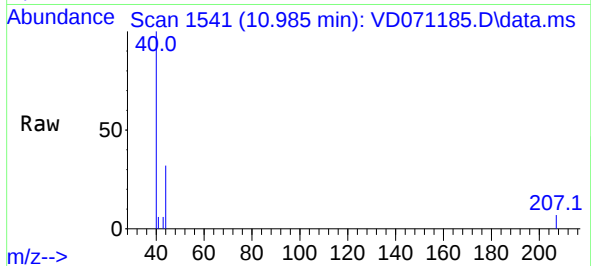




#59
2-Hexanone
Concen: 34.63 ug/l
RT: 10.985 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

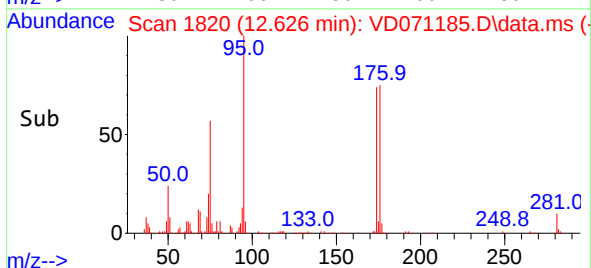
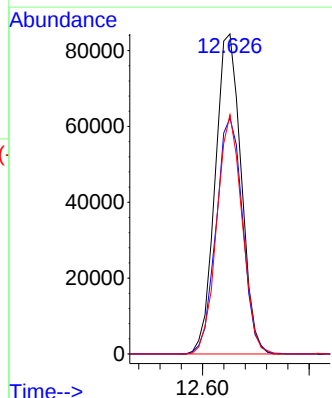
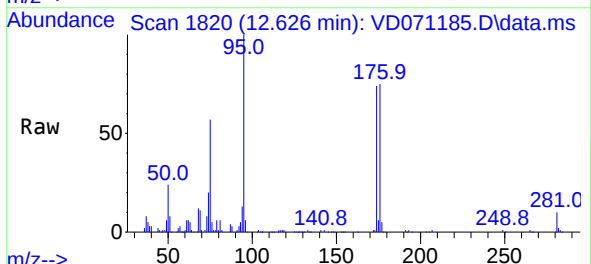
Instrument :
MSVOA_D
ClientSampleId :

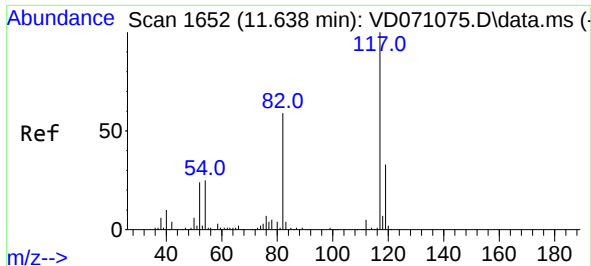
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#



#62
4-Bromofluorobenzene
Concen: 67.87 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

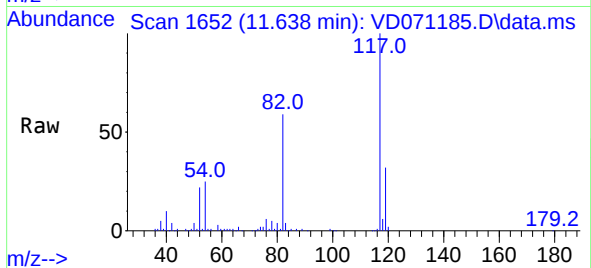
Tgt Ion: 95 Resp: 142692
Ion Ratio Lower Upper
95 100
174 75.1 0.0 159.4
176 72.7 0.0 154.0



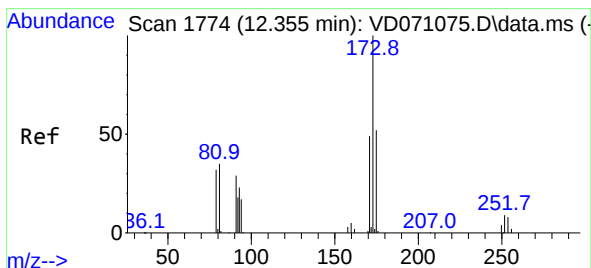
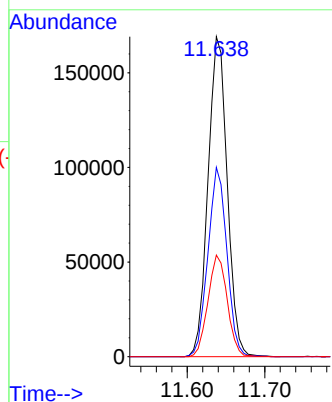


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :

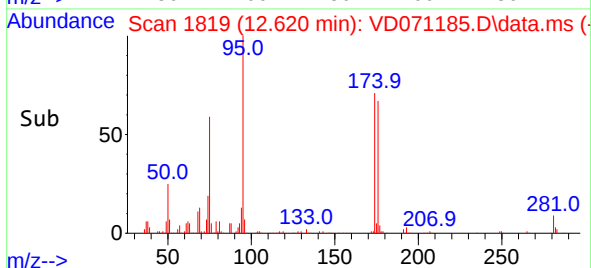
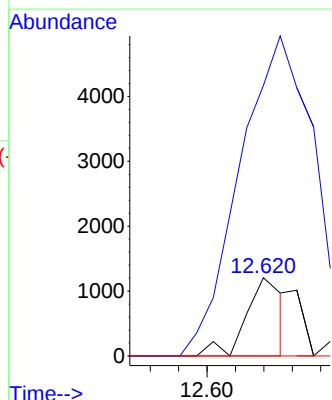
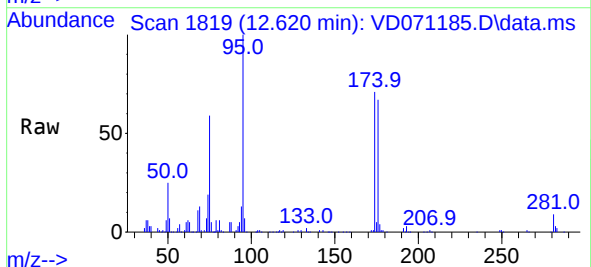


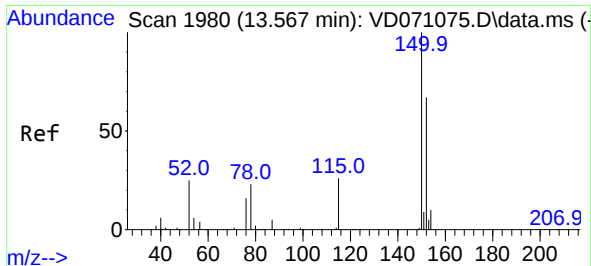
Tgt Ion:117 Resp: 290915
Ion Ratio Lower Upper
117 100
82 59.1 44.7 67.1
119 31.8 26.2 39.4



#71
Bromoform
Concen: 1.05 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.265 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

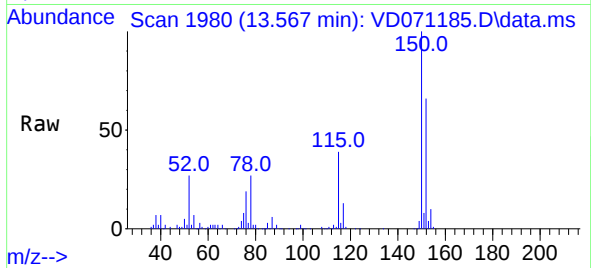
Tgt Ion:173 Resp: 1077
Ion Ratio Lower Upper
173 100
175 661.4 24.1 72.2#
254 0.0 0.1 0.1#



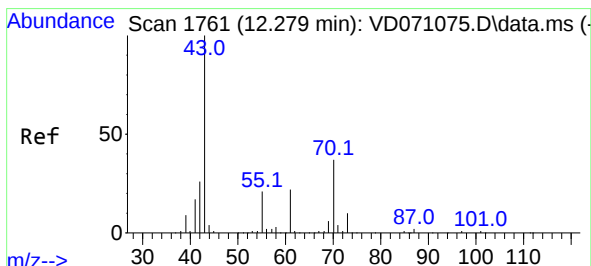
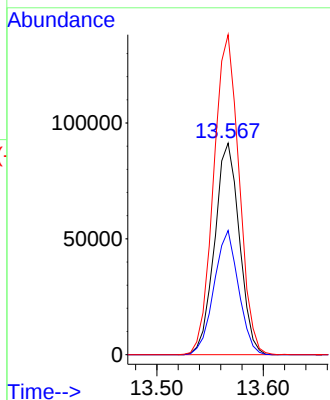
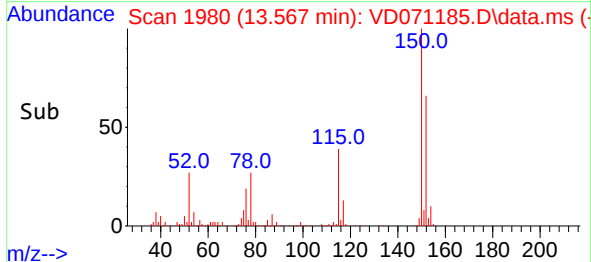


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

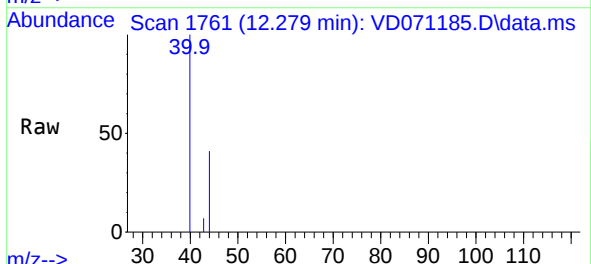
Instrument :
MSVOA_D
ClientSampleId :



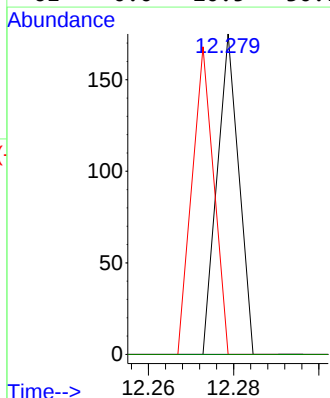
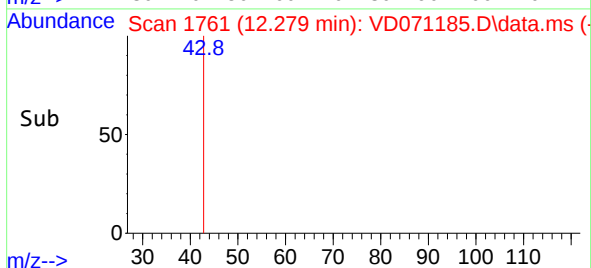
Tgt Ion:152 Resp: 147440
Ion Ratio Lower Upper
152 100
115 58.0 29.8 89.3
150 155.2 0.0 349.2

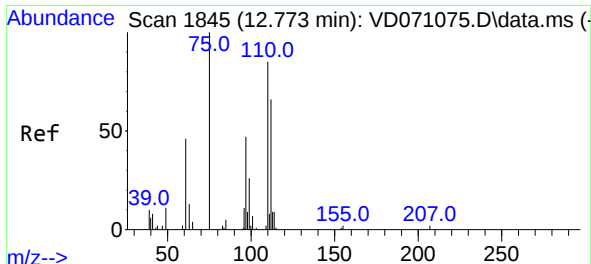


#74
N-ethyl acetate
Concen: 5.72 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04



Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 95.2 22.5 33.7#
61 0.0 20.5 30.7#

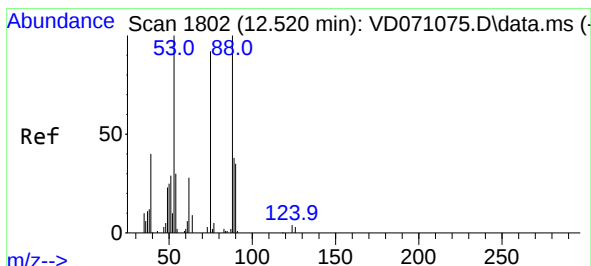
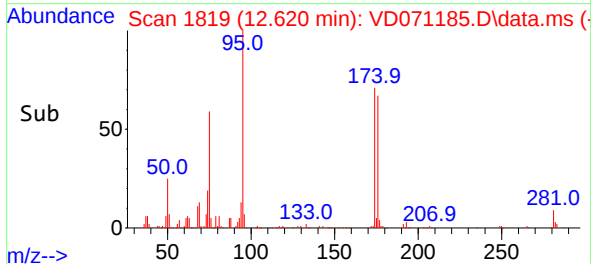
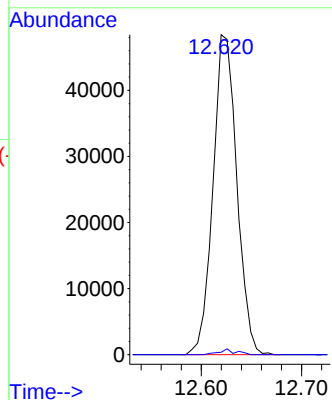
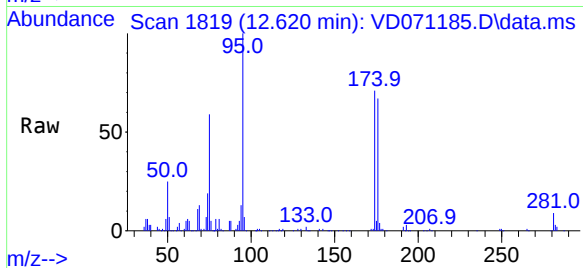




#76
1,2,3-Trichloropropane
Concen: 56.72 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 79679
Ion Ratio Lower Upper
75 100
77 1.2 158.4 475.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.12 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD071185.D
Acq: 07 Dec 2021 16:04

Tgt Ion: 75 Resp: 79679
Ion Ratio Lower Upper
75 100
53 0.2 62.6 94.0#
89 0.0 34.5 51.7#

