

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070485.D
 Acq On : 27 Sep 2021 18:43
 Operator : VA/SY
 Sample : VIBLK
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 04:16:35 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)

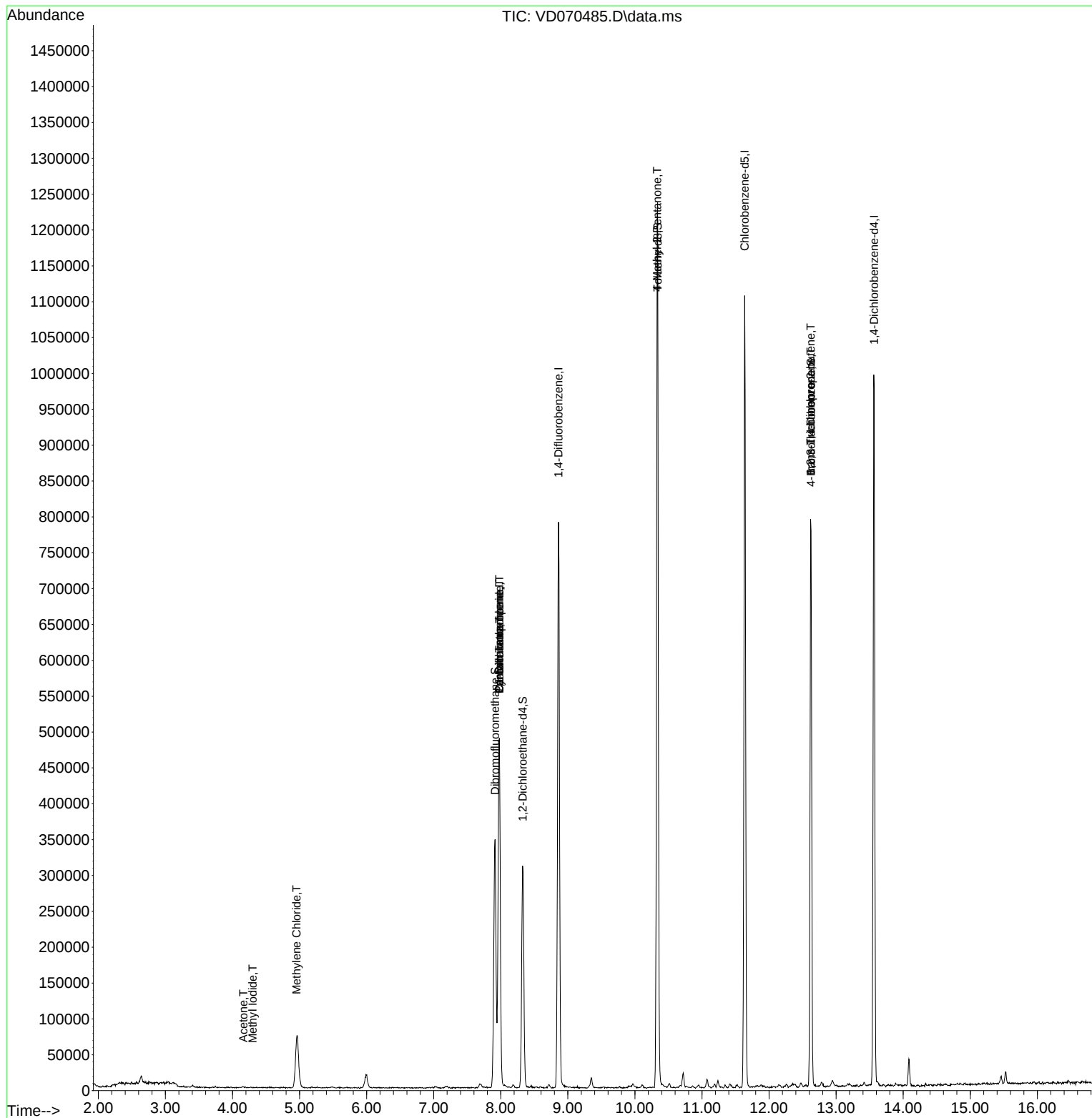
Internal Standards						
1) Pentafluorobenzene	7.979	168	347894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	685512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	656961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	269337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	248105	55.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.080%
35) Dibromofluoromethane	7.914	113	253457	51.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.338	98	867209	48.949	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.626	95	275708	44.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.060%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	317	Below Cal	#	43
3) Chloromethane	2.203	50	870	Below Cal	#	84
5) Bromomethane	2.779	94	1245	Below Cal		98
6) Chloroethane	2.932	64	143	Below Cal	#	43
10) Methyl Iodide	4.303	142	84	1.048	ug/l #	66
16) Acetone	4.162	43	2070	2.596	ug/l #	87
18) Methyl Acetate	4.703	43	59	Below Cal	#	48
20) Methylene Chloride	4.956	84	62778	6.280	ug/l	90
31) Cyclohexane	7.979	56	9921	1.289	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	29348	4.005	ug/l #	49
38) Carbon Tetrachloride	7.979	117	39829	5.496	ug/l #	16
51) 4-Methyl-2-Pentanone	10.332	43	3459	1.319	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	131197	48.157	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	131197	120.661	ug/l #	17

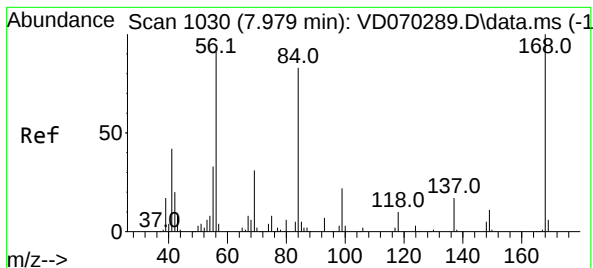
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070485.D

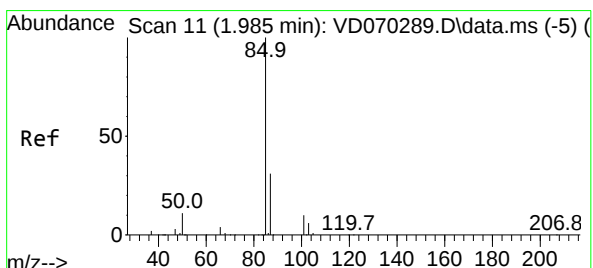
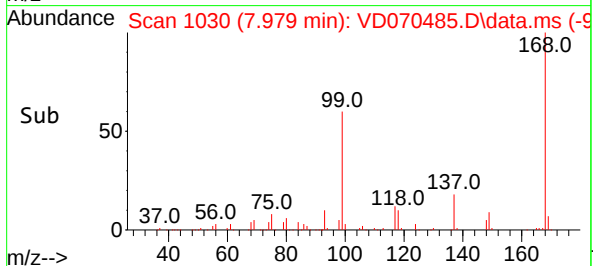
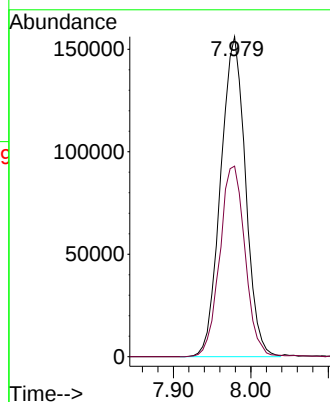
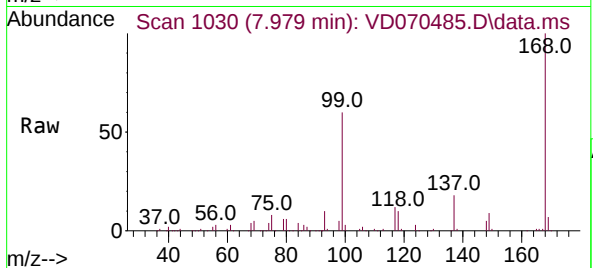
Acq: 27 Sep 2021 18:43

Tgt Ion:168 Resp: 347894

Ion Ratio Lower Upper

168 100

99 59.6 50.8 76.2



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD070485.D

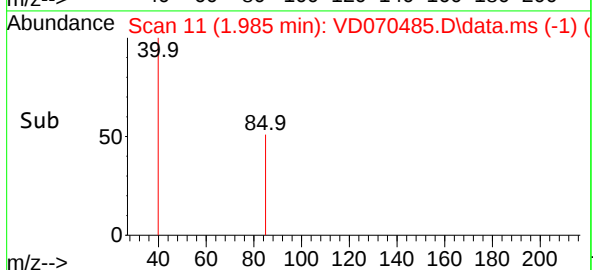
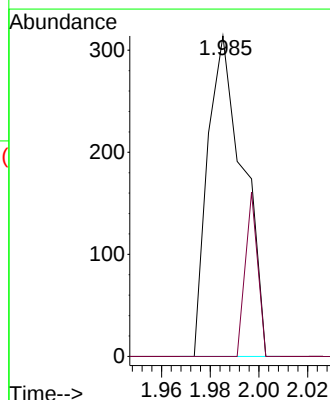
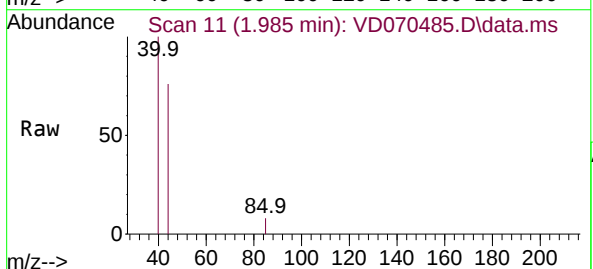
Acq: 27 Sep 2021 18:43

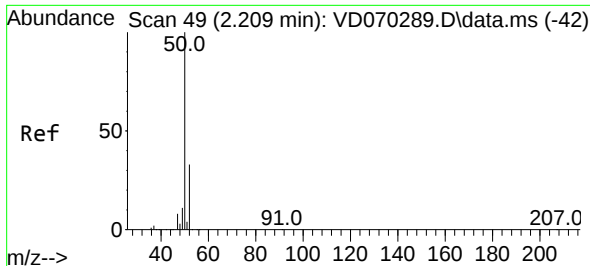
Tgt Ion: 85 Resp: 317

Ion Ratio Lower Upper

85 100

87 0.0 15.6 46.8#

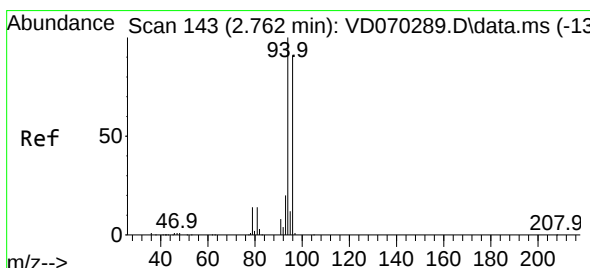
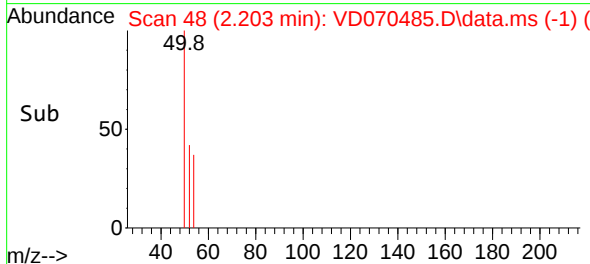
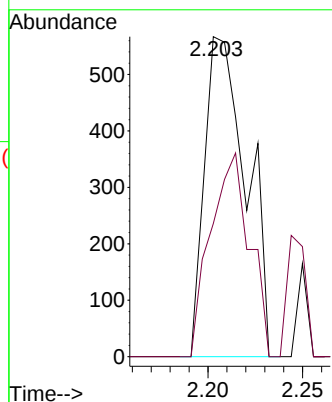
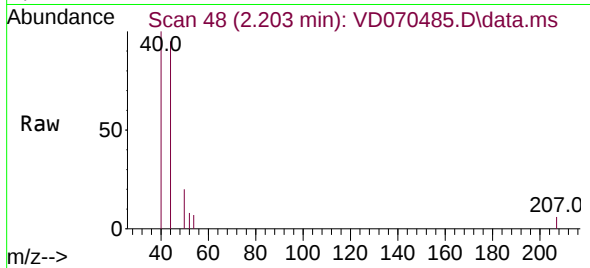




#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

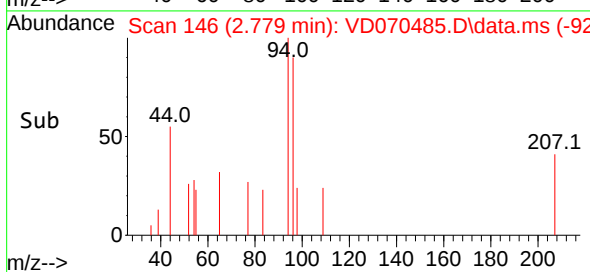
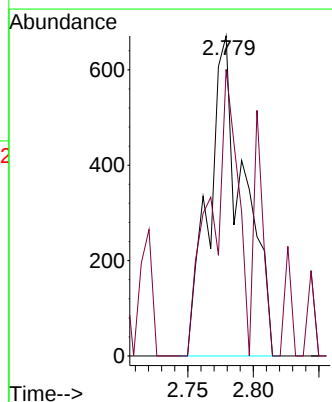
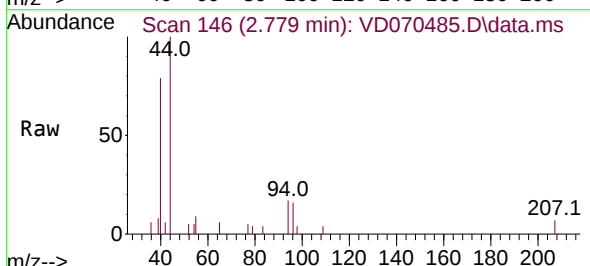
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

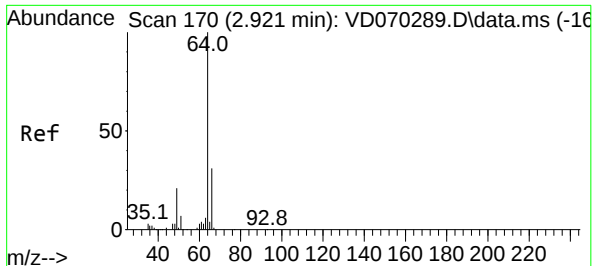
Tgt Ion: 50 Resp: 870
Ion Ratio Lower Upper
50 100
52 41.6 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion: 94 Resp: 1245
Ion Ratio Lower Upper
94 100
96 89.6 73.0 109.6

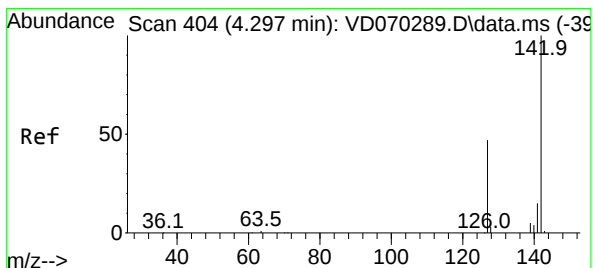
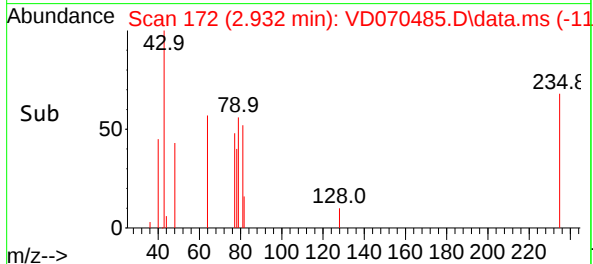
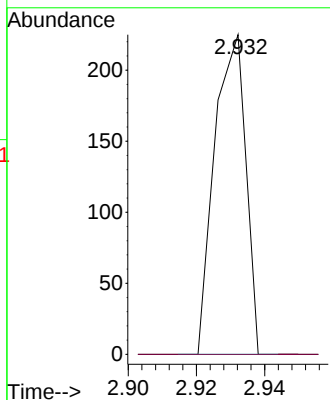
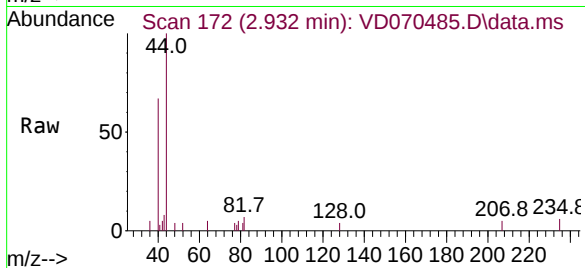




#6
Chloroethane
Concen: Below Cal
RT: 2.932 min Scan# 172
Delta R.T. 0.011 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

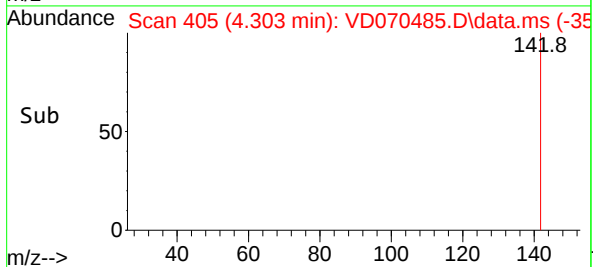
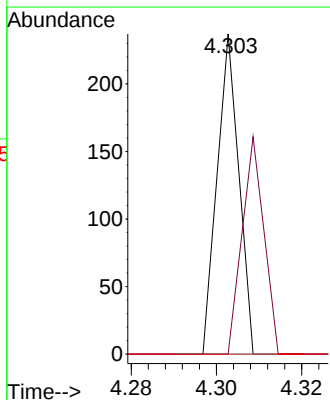
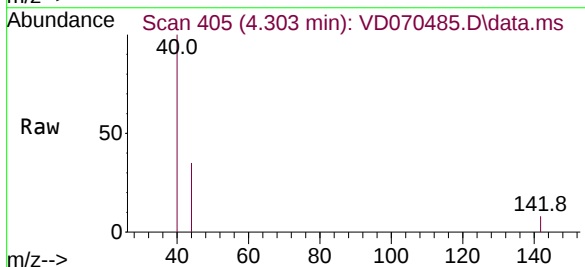
Instrument :
MSVOA_D
ClientSampled :
VIBLK

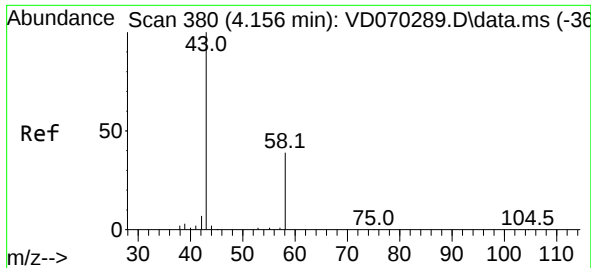
Tgt Ion: 64 Resp: 143
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.048 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion:142 Resp: 84
Ion Ratio Lower Upper
142 100
127 67.9 36.9 55.3#
141 0.0 11.8 17.6#

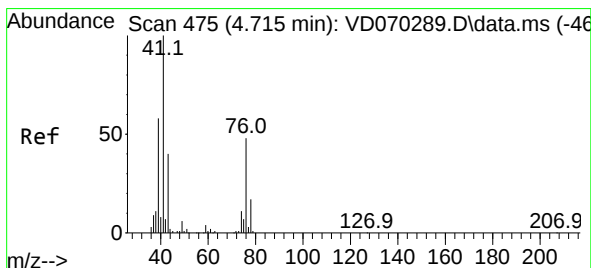
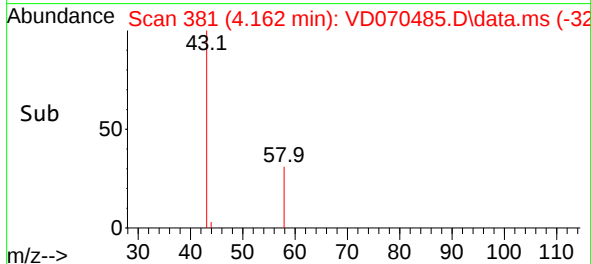
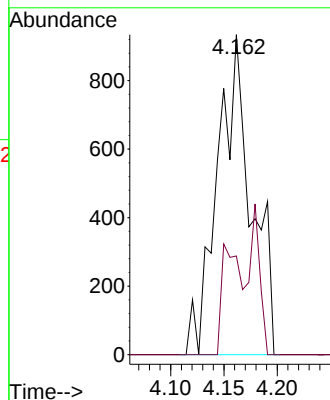
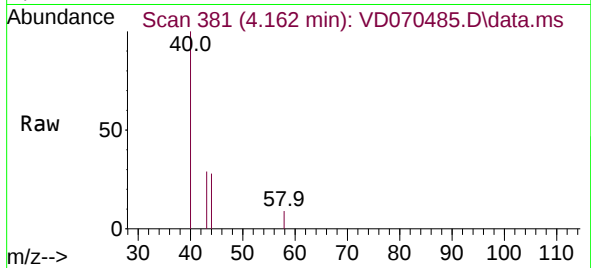




#16
Acetone
Concen: 2.596 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

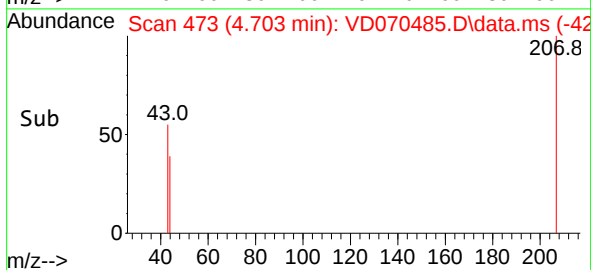
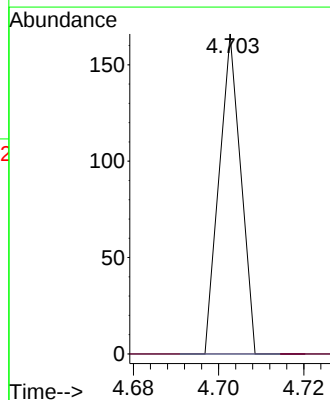
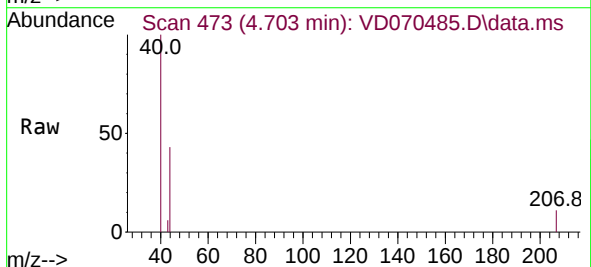
Instrument :
MSVOA_D
ClientSampled :
VIBLK

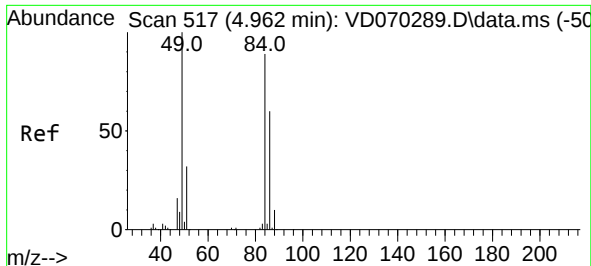
Tgt Ion: 43 Resp: 2070
Ion Ratio Lower Upper
43 100
58 30.8 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

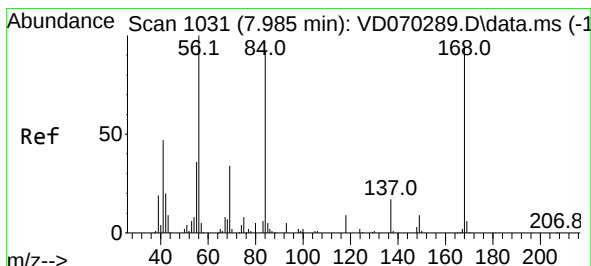
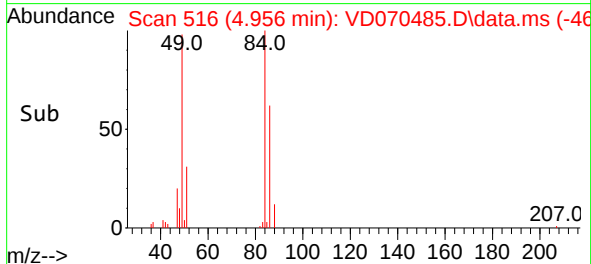
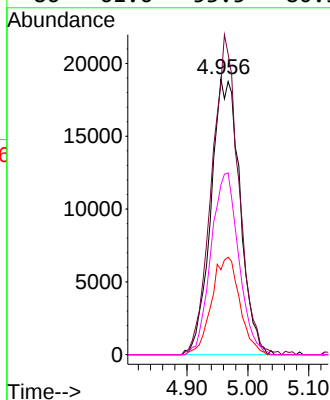
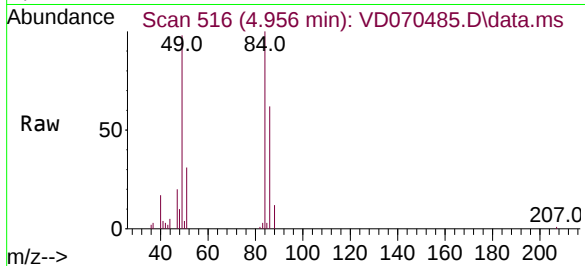




#20
Methylene Chloride
Concen: 6.280 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

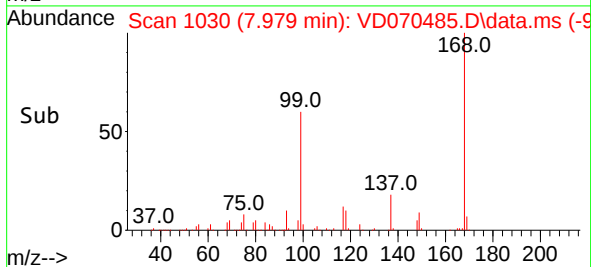
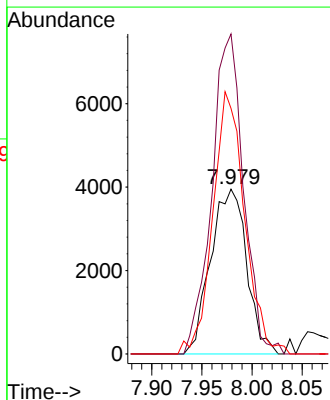
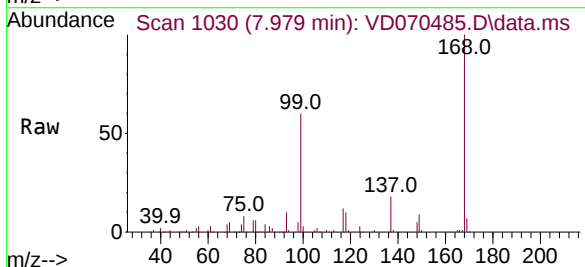
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

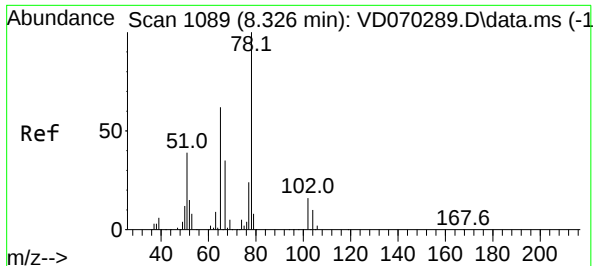
Tgt Ion:	84	Resp:	62778
Ion	Ratio	Lower	Upper
84	100		
49	98.3	89.6	134.4
51	30.8	28.6	43.0
86	61.6	53.5	80.3



#31
Cyclohexane
Concen: 1.289 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion:	56	Resp:	9921
Ion	Ratio	Lower	Upper
56	100		
69	194.2	26.9	40.3#
84	149.1	73.6	110.4#



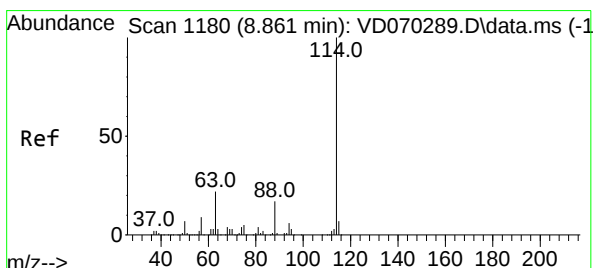
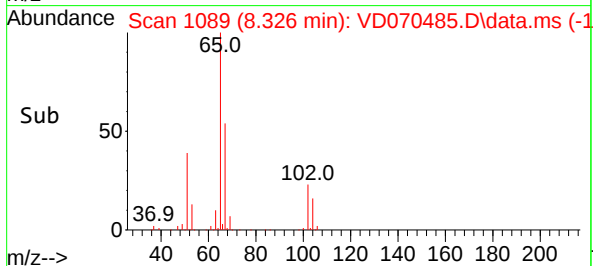
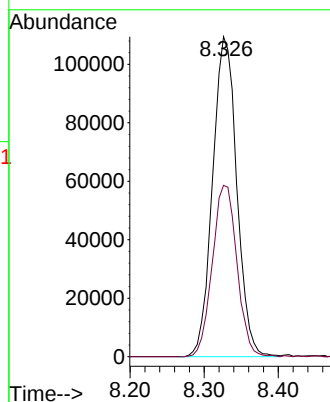
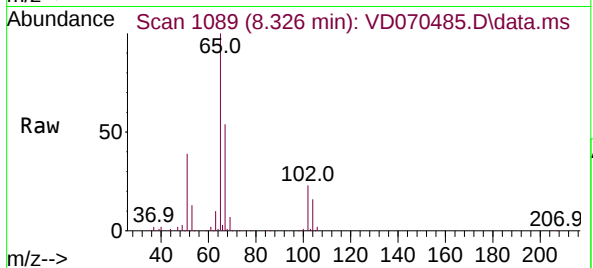


#33

1,2-Dichloroethane-d4
Concen: 55.541 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Instrument :
MSVOA_D
ClientSampled :
VIBLK

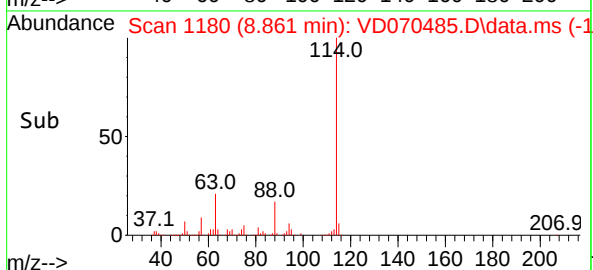
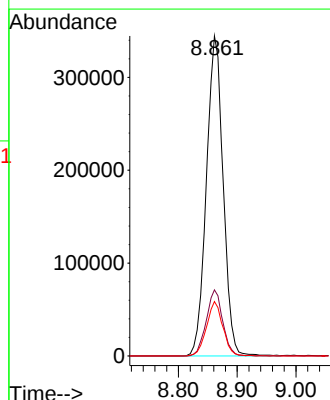
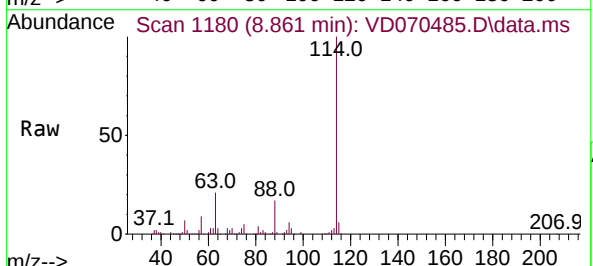
Tgt Ion: 65 Resp: 248105
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4

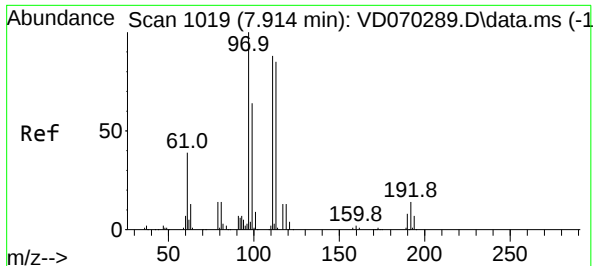


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion:114 Resp: 685512
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 17.0 0.0 33.4

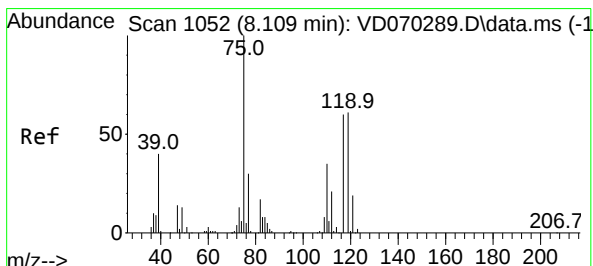
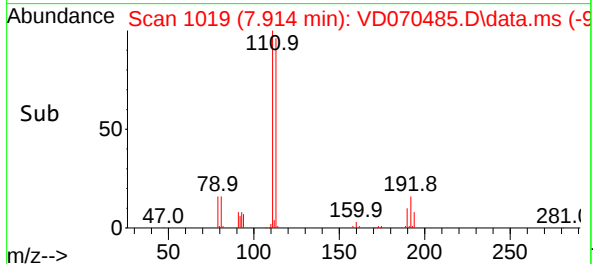
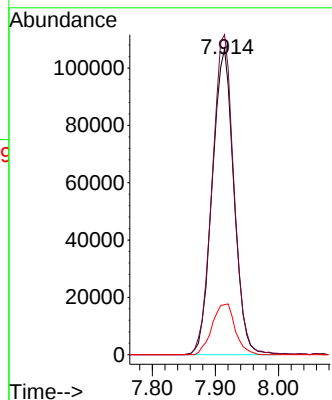
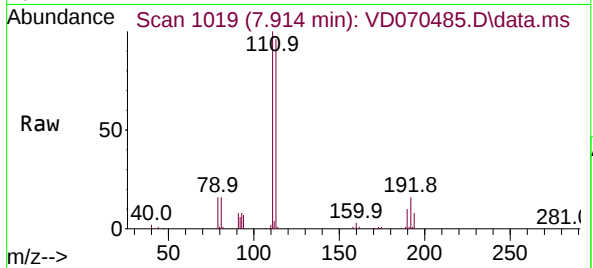




#35
Dibromofluoromethane
Concen: 51.943 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

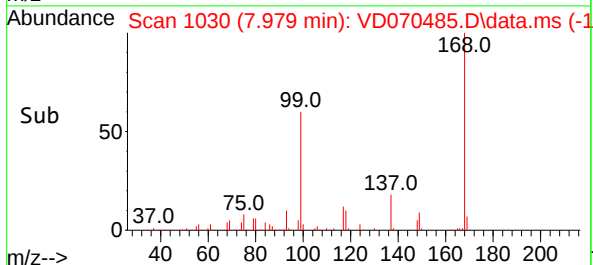
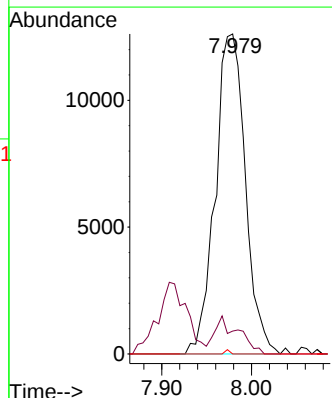
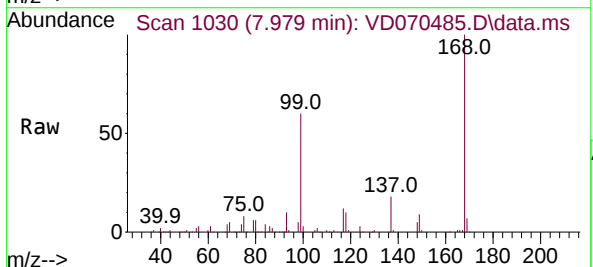
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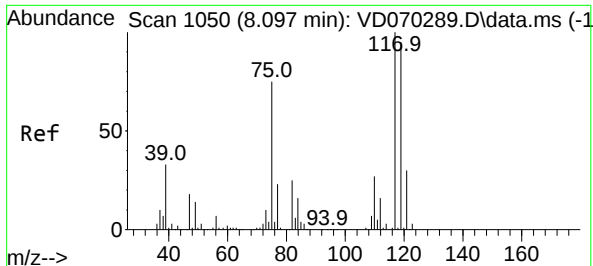
Tgt Ion:113 Resp: 253457
Ion Ratio Lower Upper
113 100
111 104.8 81.4 122.2
192 17.6 13.0 19.6



#36
1,1-Dichloropropene
Concen: 4.005 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.130 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

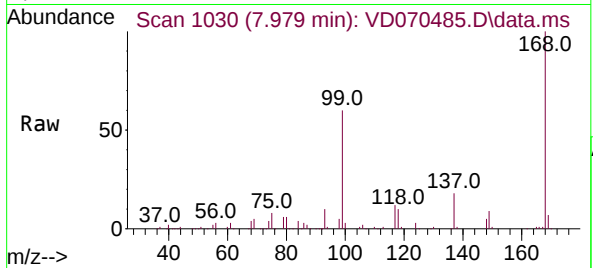
Tgt Ion: 75 Resp: 29348
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.7#
77 0.2 25.3 37.9#



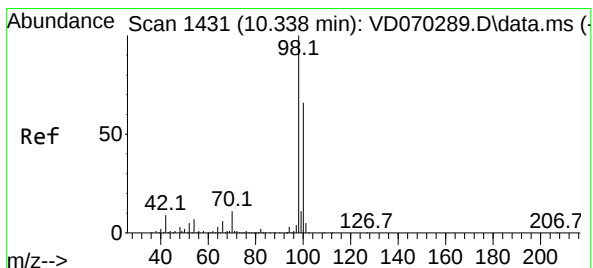
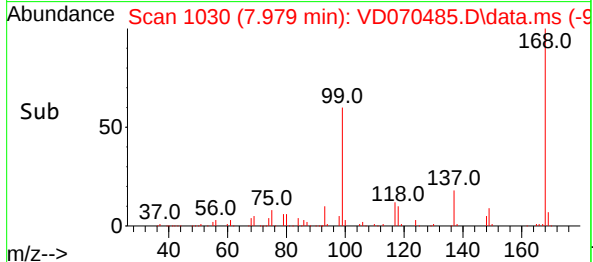
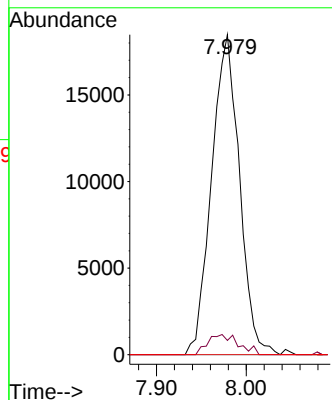


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

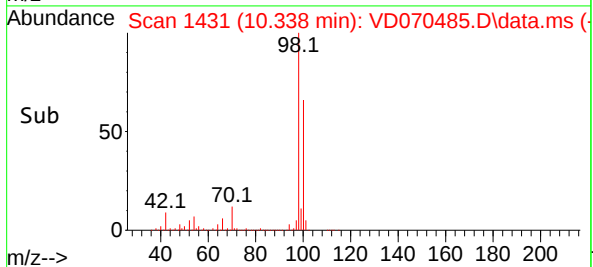
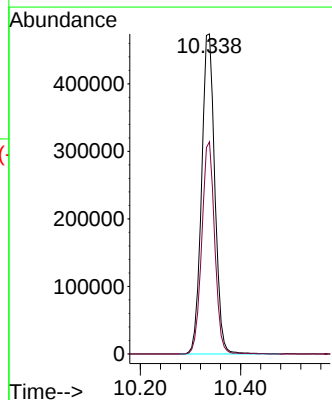
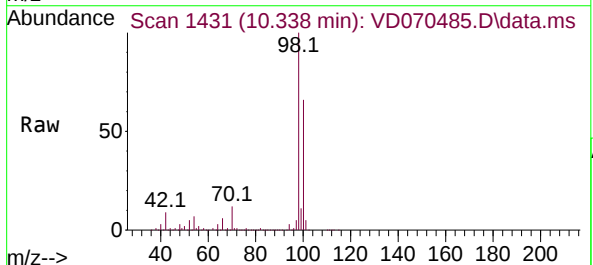


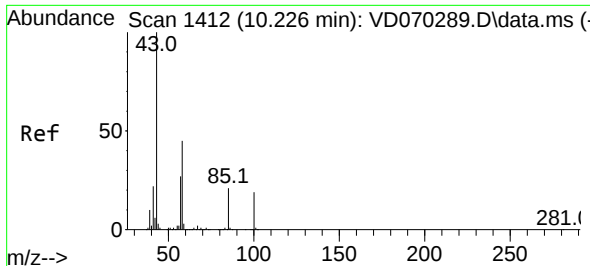
Tgt Ion:117 Resp: 39829
Ion Ratio Lower Upper
117 100
119 4.5 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.949 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion: 98 Resp: 867209
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0

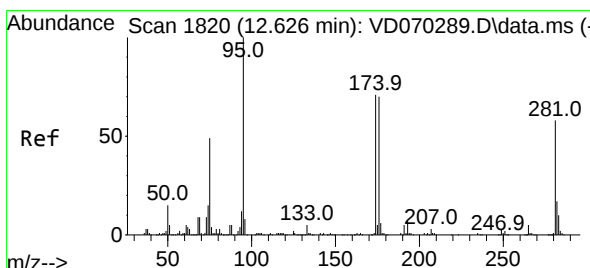
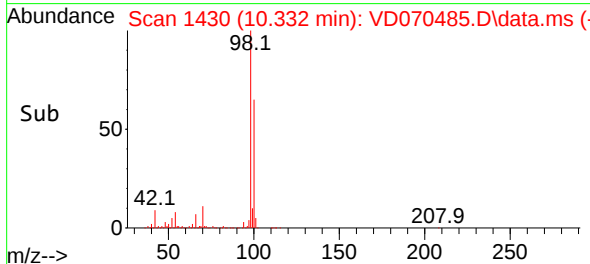
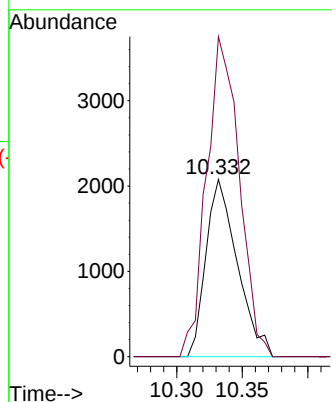
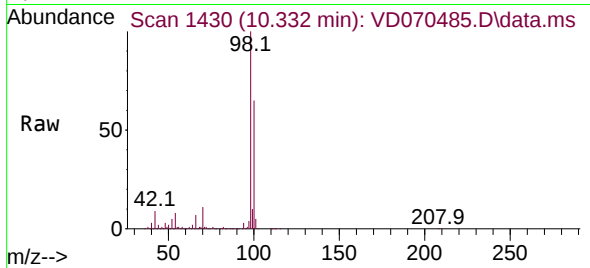




#51
4-Methyl-2-Pentanone
Concen: 1.319 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.106 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

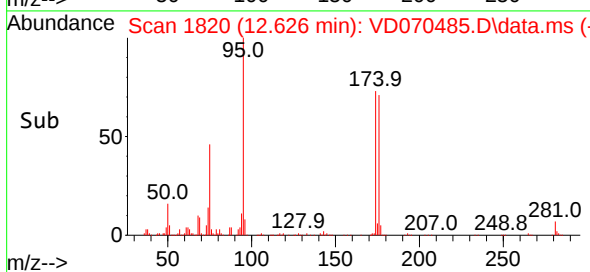
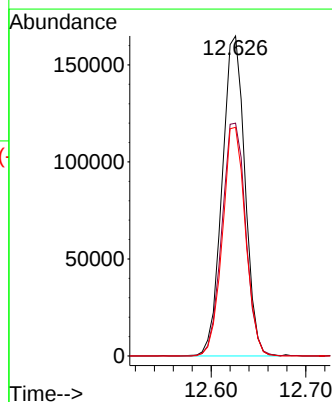
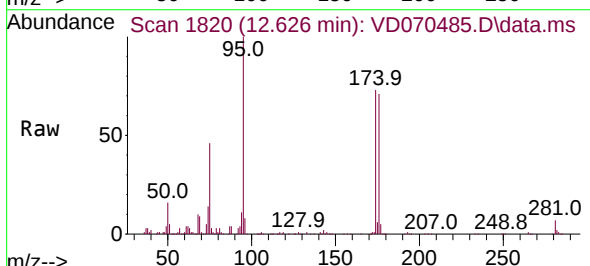
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

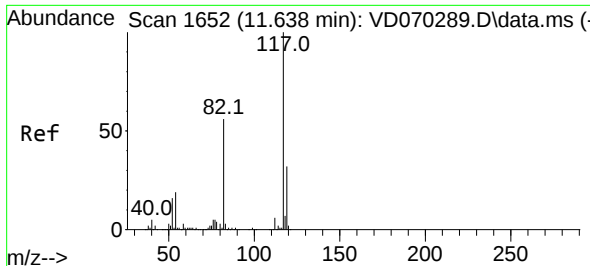
Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
58 188.3 35.4 53.2#



#62
4-Bromofluorobenzene
Concen: 44.529 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion: 95 Resp: 275708
Ion Ratio Lower Upper
95 100
174 75.9 0.0 140.6
176 72.0 0.0 137.4

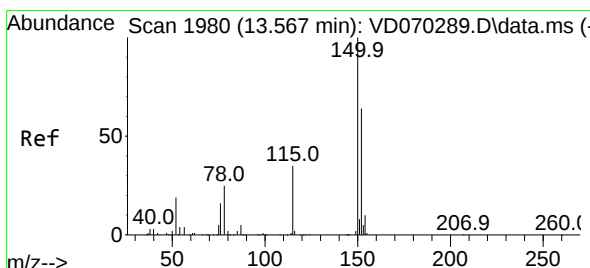
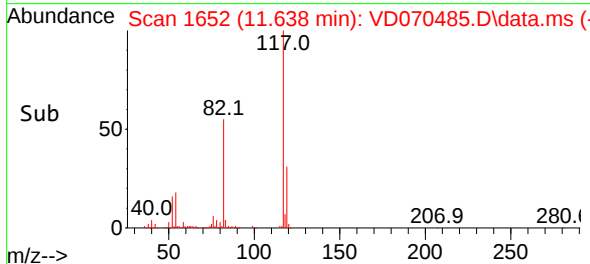
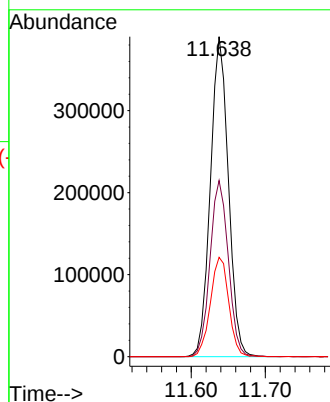
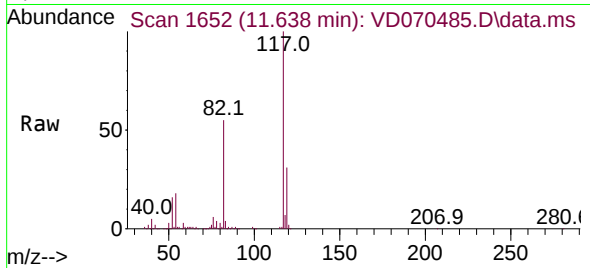




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

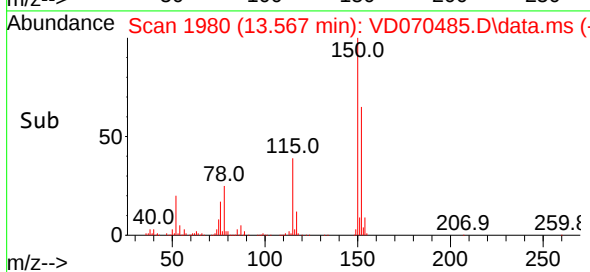
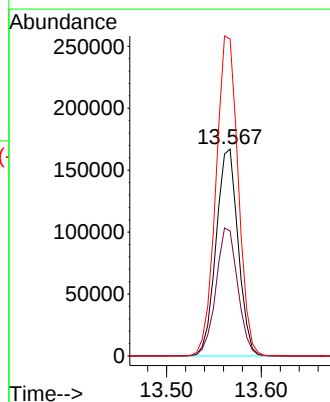
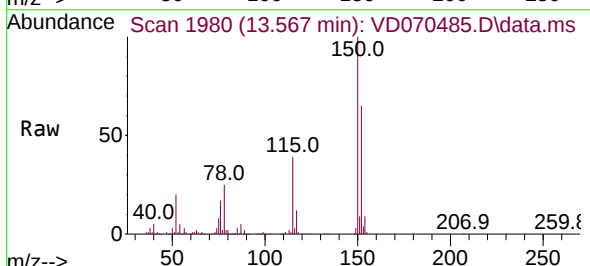
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

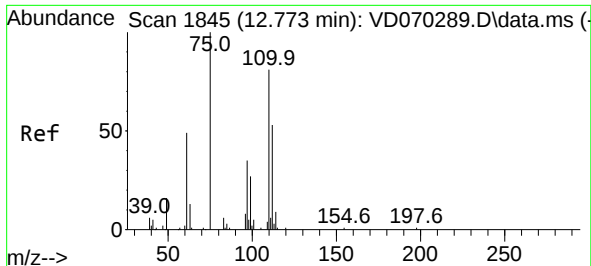
Tgt Ion:	117	Resp:	656961
Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.0	67.4
119	31.1	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion:	152	Resp:	269337
Ion	Ratio	Lower	Upper
152	100		
115	61.9	32.1	96.3
150	156.6	0.0	350.6

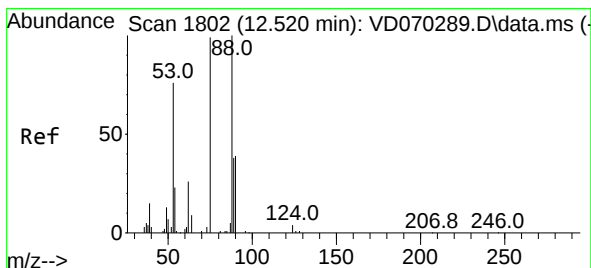
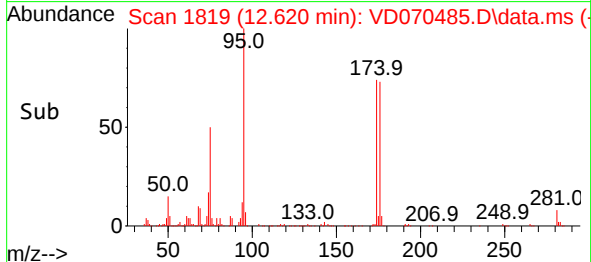
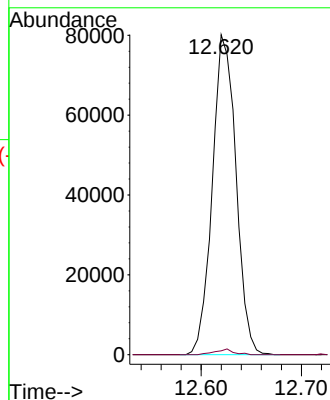
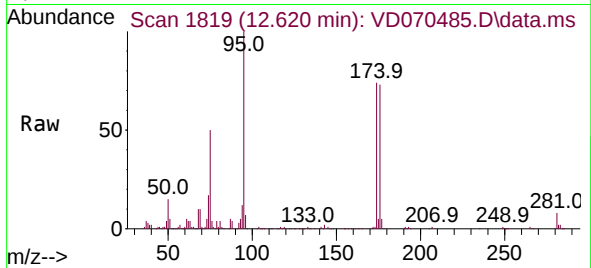




#76
1,2,3-Trichloropropane
Concen: 48.157 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 131197
Ion Ratio Lower Upper
75 100
77 1.4 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.661 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070485.D
Acq: 27 Sep 2021 18:43

Tgt Ion: 75 Resp: 131197
Ion Ratio Lower Upper
75 100
53 0.4 64.2 96.2#
89 0.1 35.6 53.4#

