

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092721\
 Data File : VD070487.D
 Acq On : 27 Sep 2021 19:38
 Operator : VA/SY
 Sample : VIBLK
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Sep 28 04:17:12 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

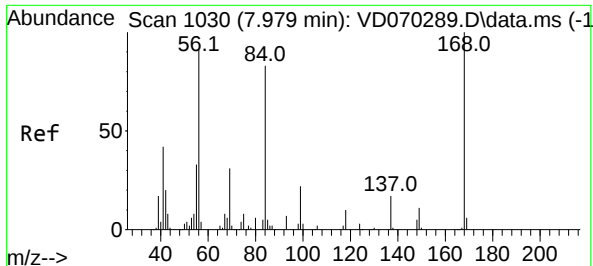
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	310104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	600445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	242500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234171	58.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.620%	
35) Dibromofluoromethane	7.909	113	245812	54.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.840%	
50) Toluene-d8	10.338	98	788318	48.506	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.020%	
62) 4-Bromofluorobenzene	12.626	95	248591	43.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.540%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	149	Below Cal	#	43
3) Chloromethane	2.209	50	638	Below Cal	#	42
5) Bromomethane	2.773	94	169	Below Cal		100
6) Chloroethane	2.921	64	65	Below Cal	#	43
10) Methyl Iodide	4.309	142	149	1.067	ug/l #	39
16) Acetone	4.162	43	2627	3.695	ug/l #	73
18) Methyl Acetate	4.732	43	55	Below Cal	#	48
20) Methylene Chloride	4.962	84	66696	9.116	ug/l	92
31) Cyclohexane	7.979	56	8417	1.227	ug/l #	19
36) 1,1-Dichloropropene	7.979	75	28730	4.274	ug/l #	49
38) Carbon Tetrachloride	7.979	117	34132	5.135	ug/l #	15
71) Bromoform	12.626	173	2976	1.322	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	115755	47.191	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	115755	118.241	ug/l #	17

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

Quant Time: Sep 28 04:17:12 2021
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Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

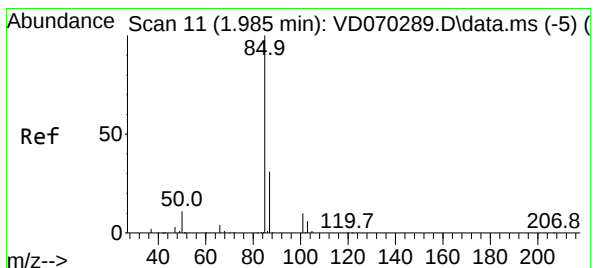
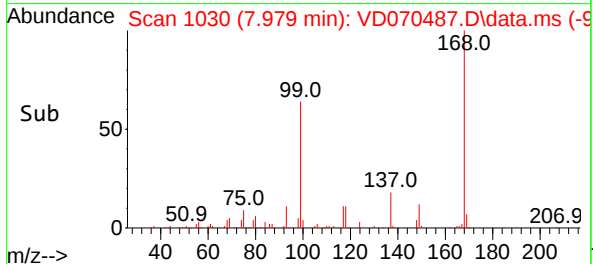
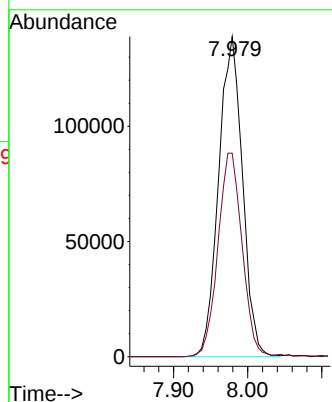
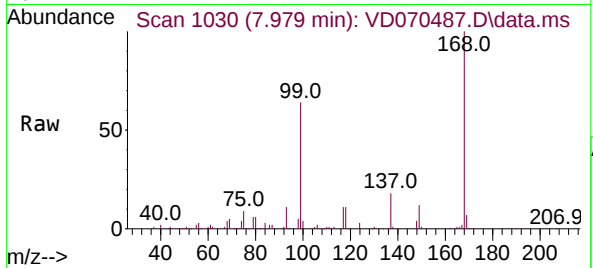




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

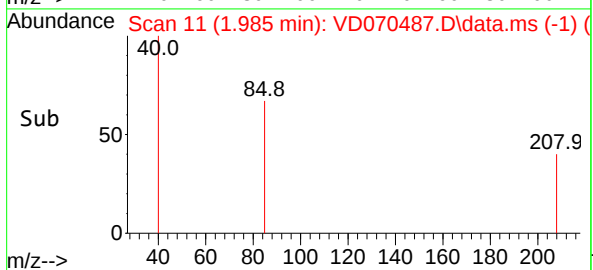
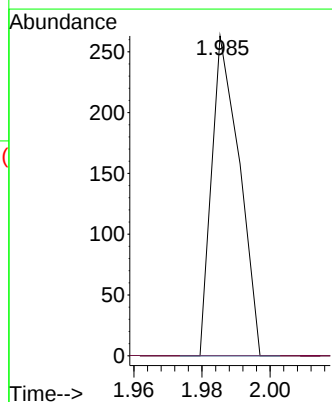
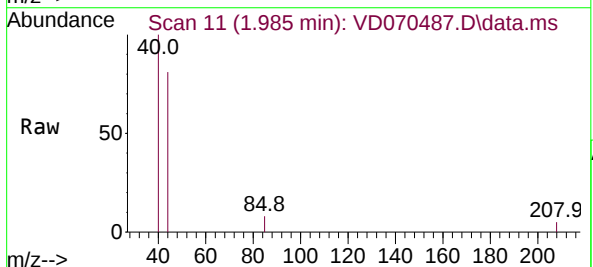
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 310104
Ion Ratio Lower Upper
168 100
99 63.6 50.8 76.2



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 85 Resp: 149
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

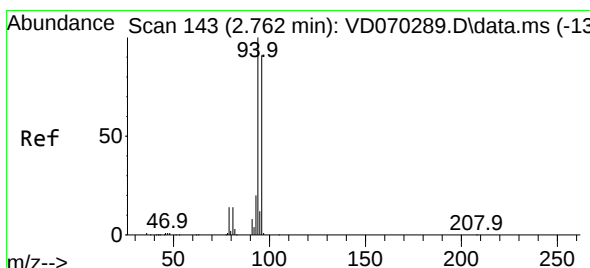
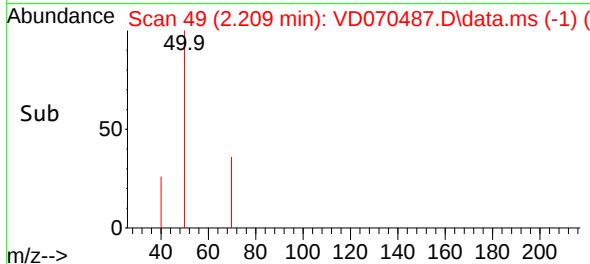
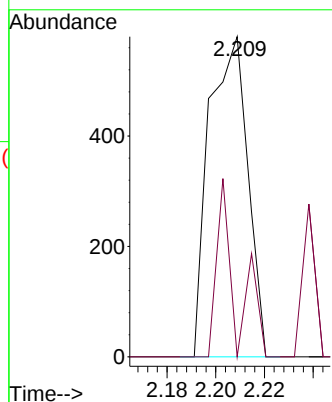
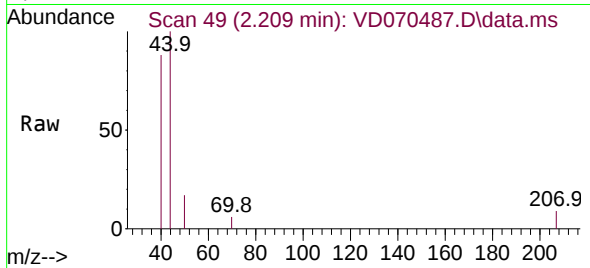




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

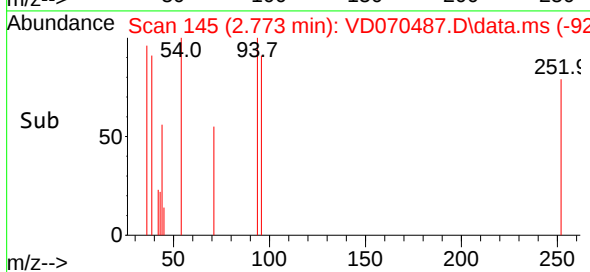
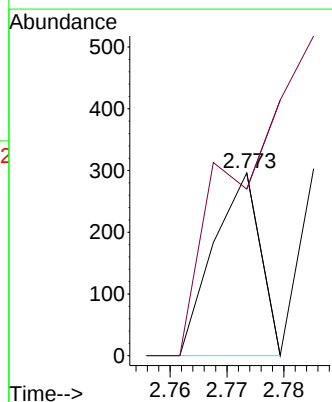
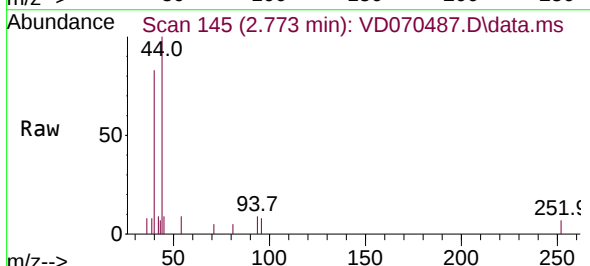
Instrument :
MSVOA_D
ClientSampled :
VIBLK

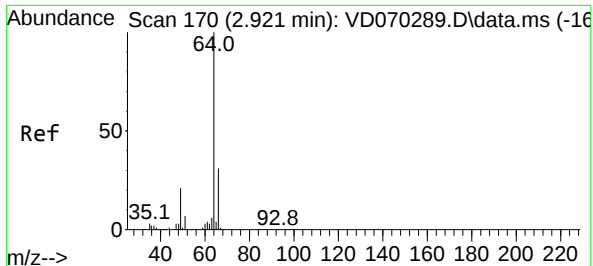
Tgt Ion: 50 Resp: 638
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 91.2 73.0 109.6

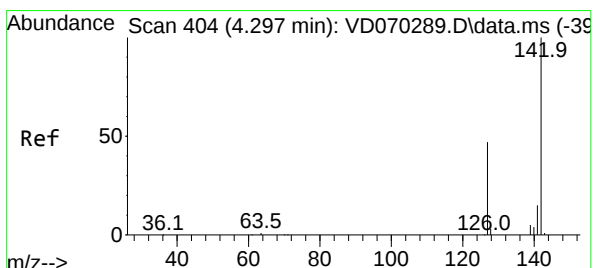
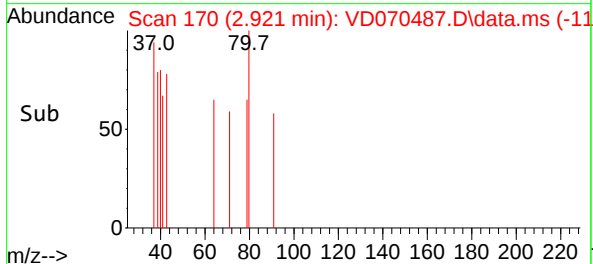
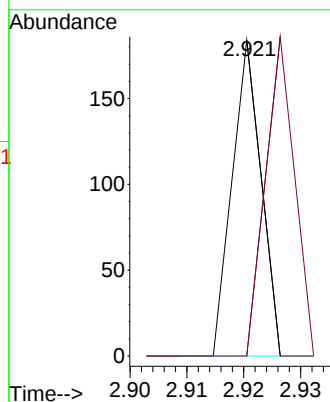
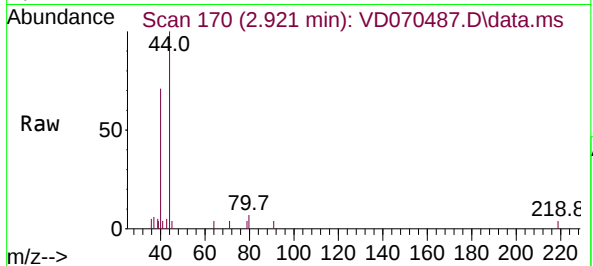




#6
Chloroethane
Concen: Below Cal
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

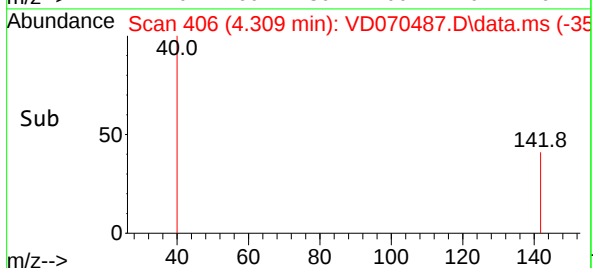
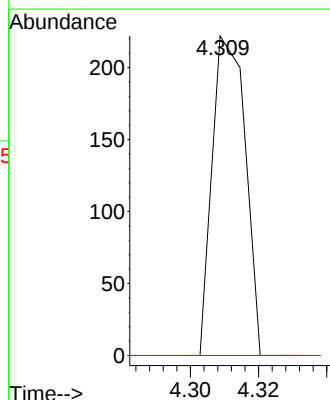
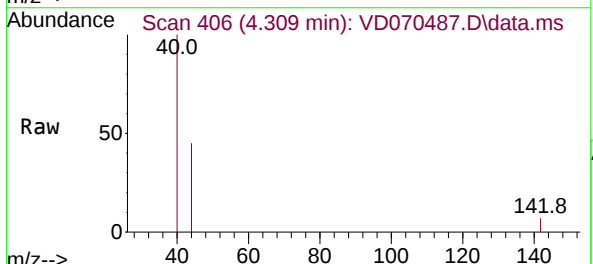
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

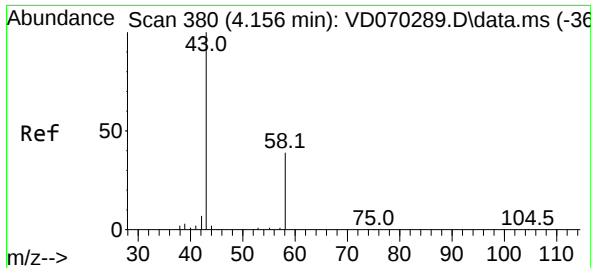
Tgt Ion: 64 Resp: 65
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#



#10
Methyl Iodide
Concen: 1.067 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 142 Resp: 149
Ion Ratio Lower Upper
142 100
127 0.0 36.9 55.3#
141 0.0 11.8 17.6#

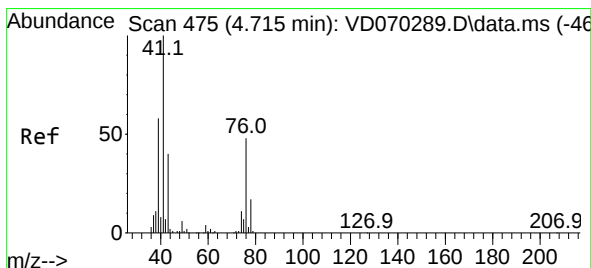
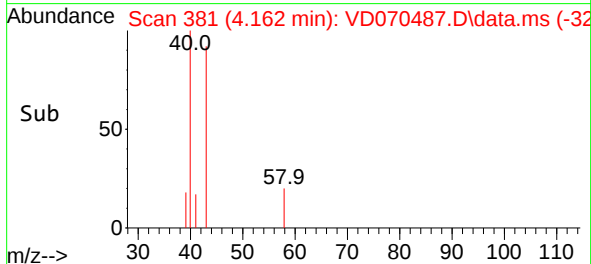
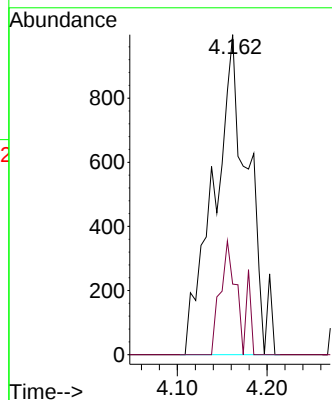
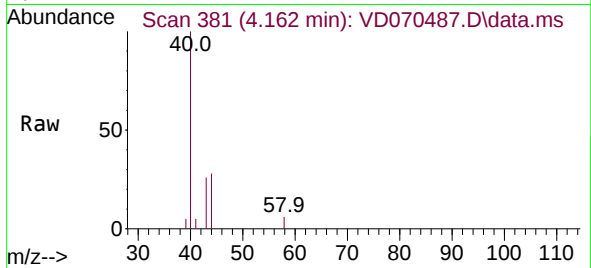




#16
Acetone
Concen: 3.695 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

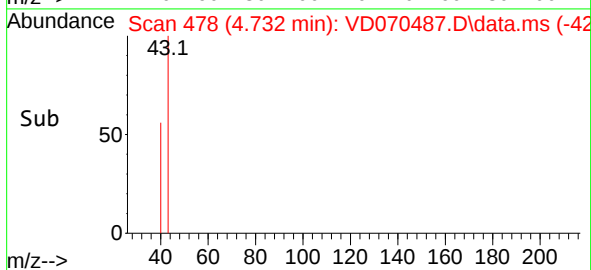
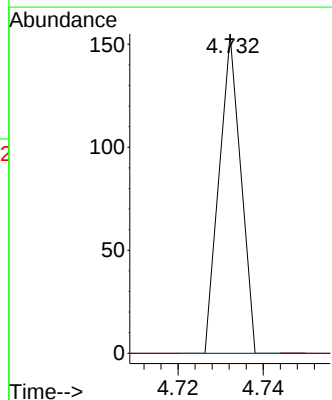
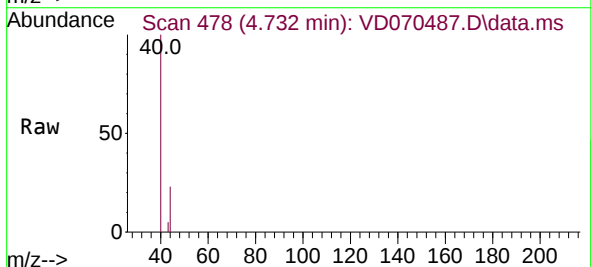
Instrument :
MSVOA_D
ClientSampled :
VIBLK

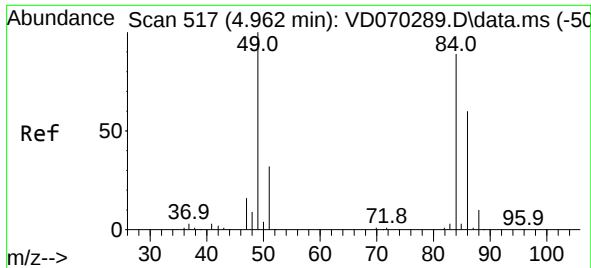
Tgt Ion: 43 Resp: 2627
Ion Ratio Lower Upper
43 100
58 22.0 30.9 46.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.017 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

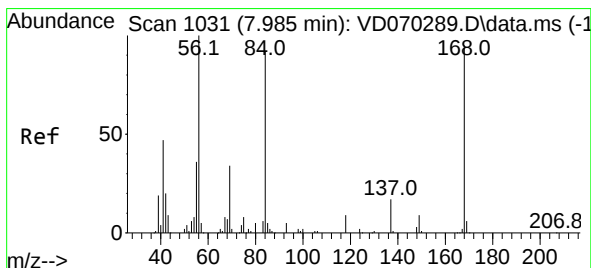
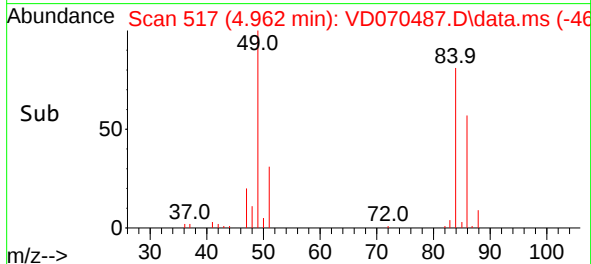
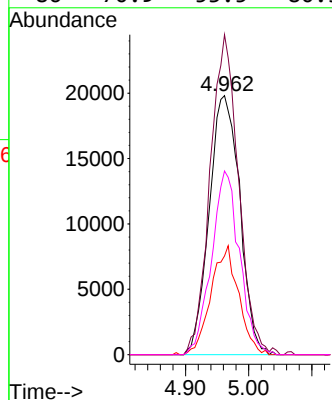
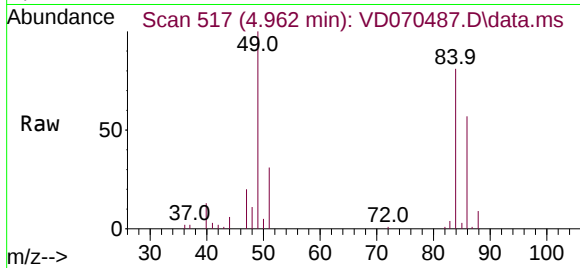




#20
Methylene Chloride
Concen: 9.116 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

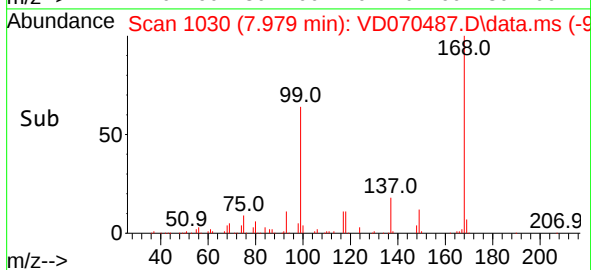
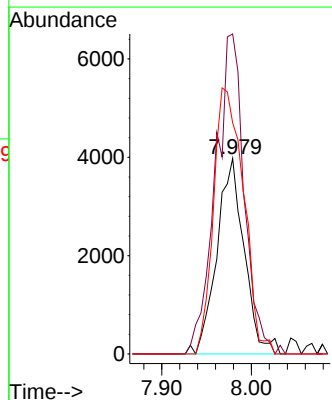
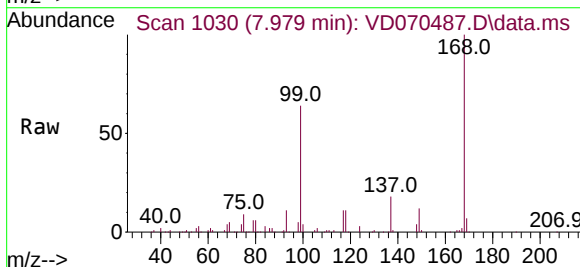
Instrument :
MSVOA_D
ClientSampleId :
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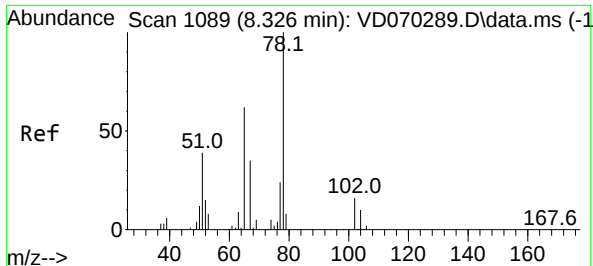
Tgt Ion:	84	Resp:	66696
Ion	Ratio	Lower	Upper
84	100		
49	123.5	89.6	134.4
51	38.1	28.6	43.0
86	70.9	53.5	80.3



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion:	56	Resp:	8417
Ion	Ratio	Lower	Upper
56	100		
69	163.7	26.9	40.3#
84	118.2	73.6	110.4#

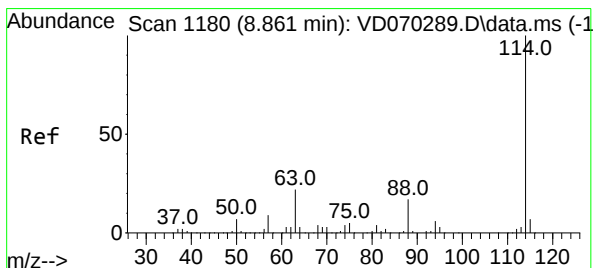
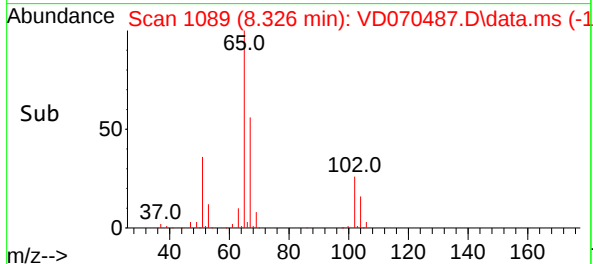
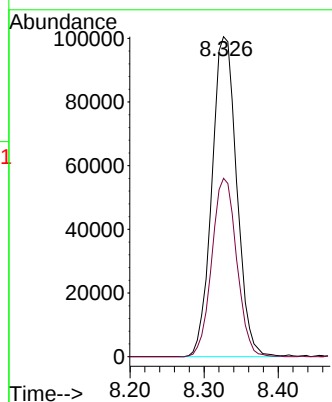
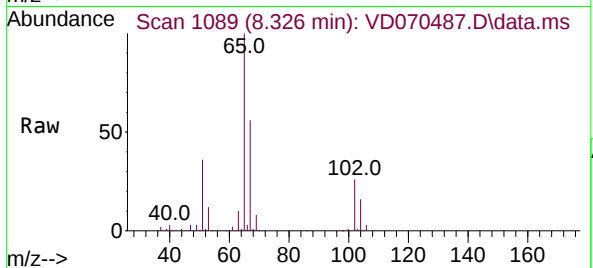




#33
1,2-Dichloroethane-d4
Concen: 58.810 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

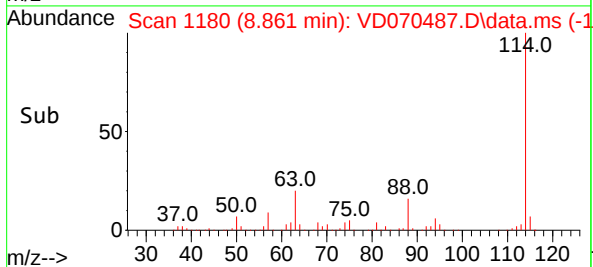
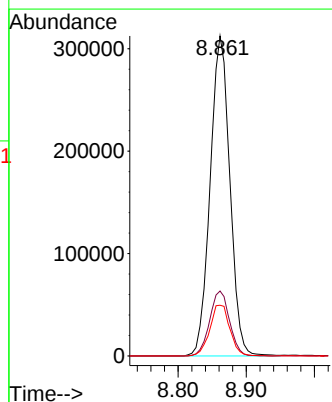
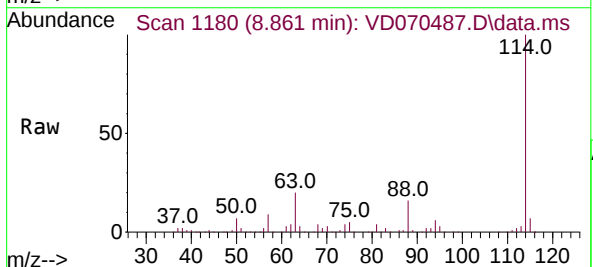
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

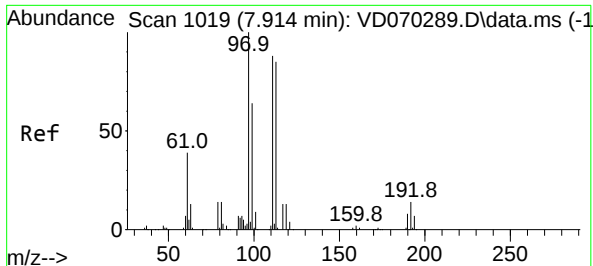
Tgt Ion: 65 Resp: 234171
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion:114 Resp: 628839
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 15.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.916 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070487.D

Acq: 27 Sep 2021 19:38

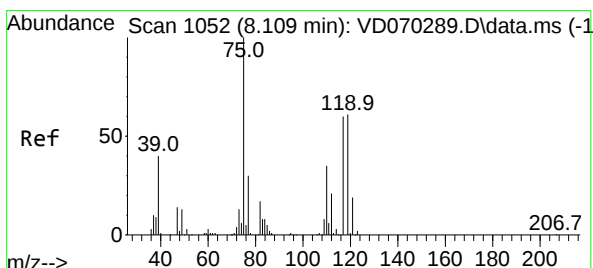
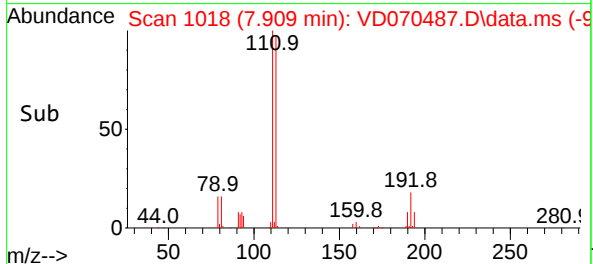
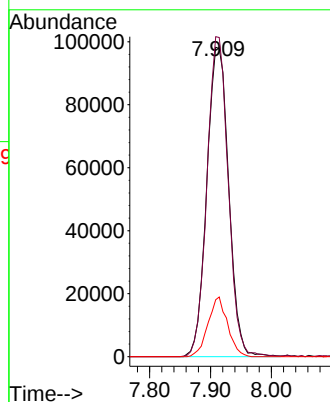
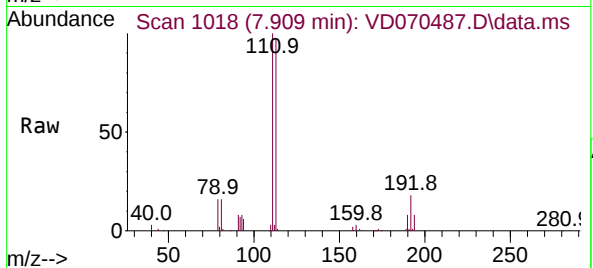
Tgt Ion:113 Resp: 245812

Ion Ratio Lower Upper

113 100

111 100.0 81.4 122.2

192 17.2 13.0 19.6



#36

1,1-Dichloropropene

Concen: 4.274 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070487.D

Acq: 27 Sep 2021 19:38

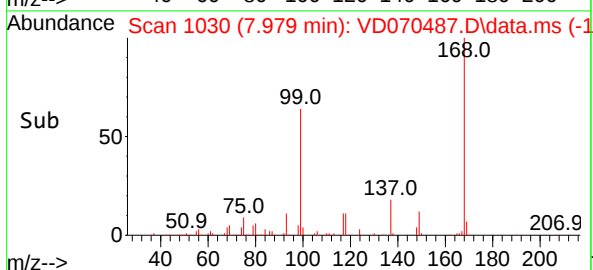
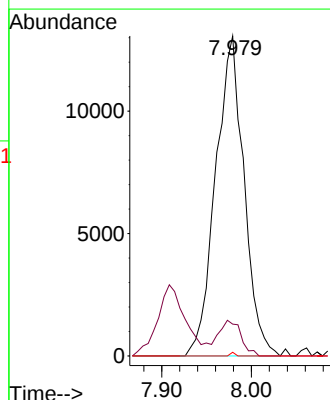
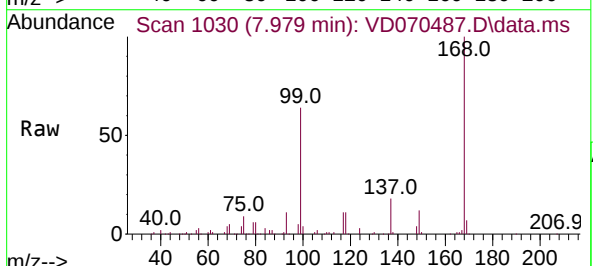
Tgt Ion: 75 Resp: 28730

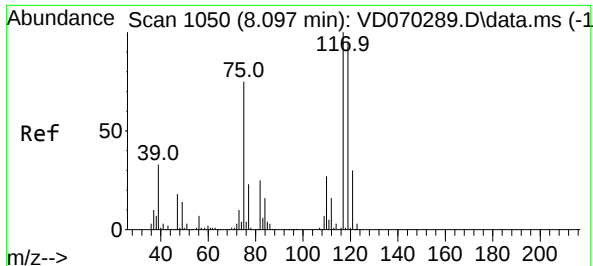
Ion Ratio Lower Upper

75 100

110 8.6 17.9 53.7#

77 0.2 25.3 37.9#

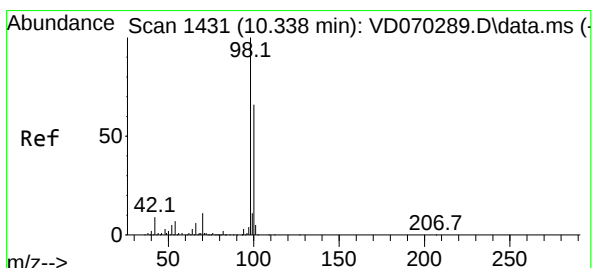
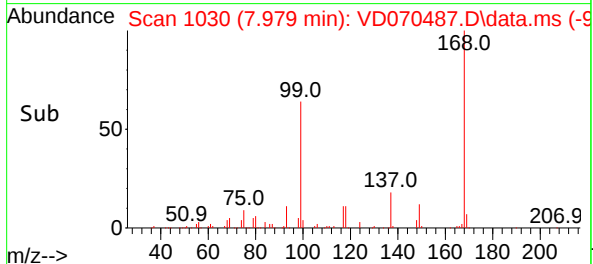
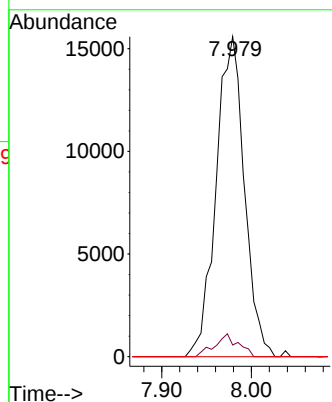
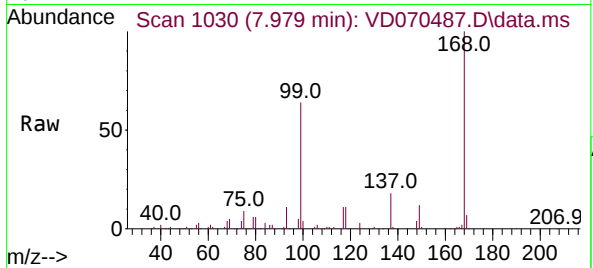




#38
Carbon Tetrachloride
Concen: 5.135 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

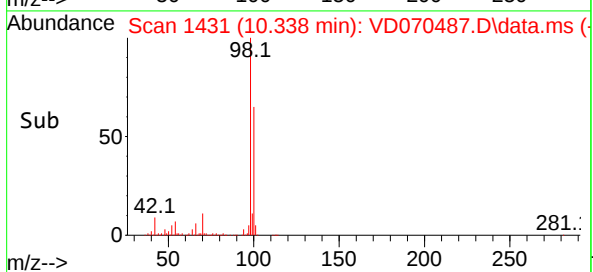
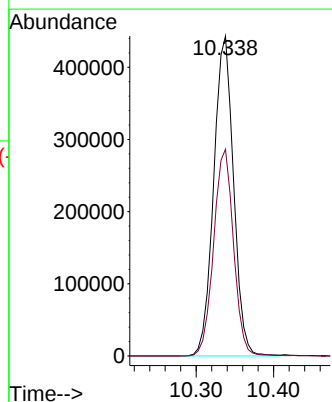
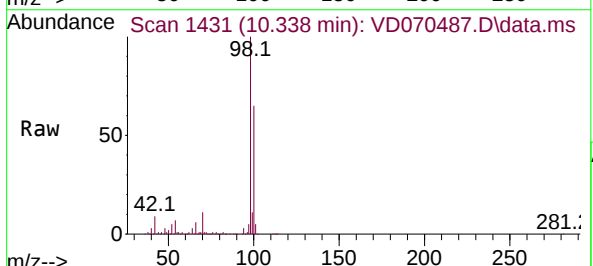
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

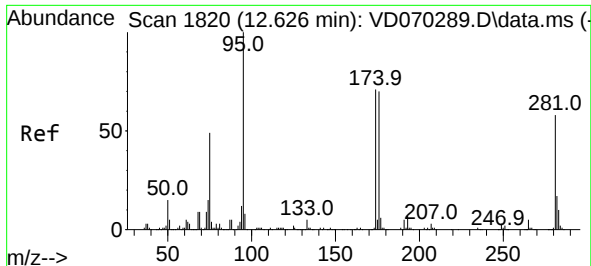
Tgt Ion:117 Resp: 34132
Ion Ratio Lower Upper
117 100
119 3.6 76.1 114.1#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.506 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 98 Resp: 788318
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

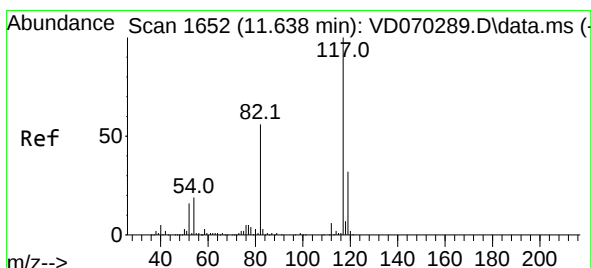
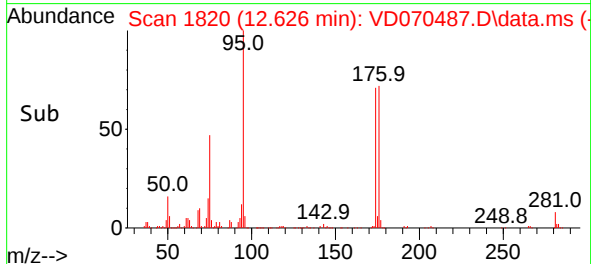
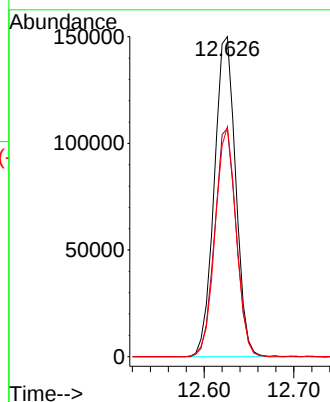
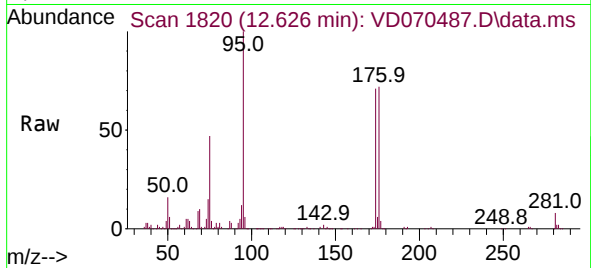




#62
4-Bromofluorobenzene
Concen: 43.768 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

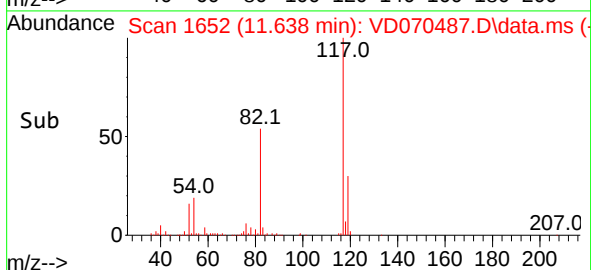
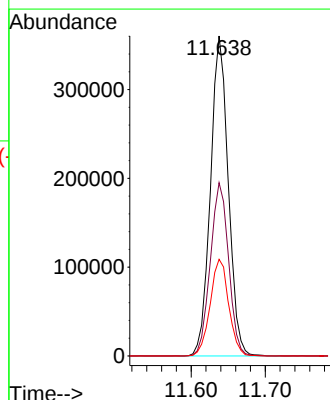
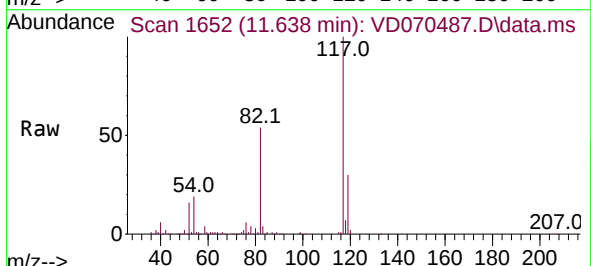
Instrument :
MSVOA_D
ClientSampled :
VIBLK

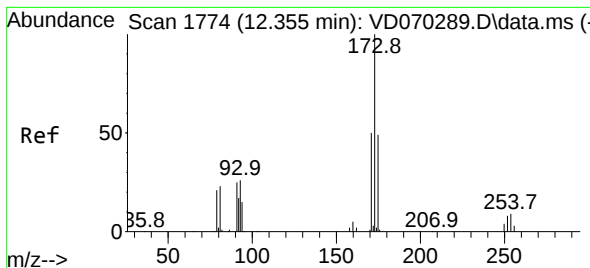
Tgt Ion: 95 Resp: 248591
Ion Ratio Lower Upper
95 100
174 71.6 0.0 140.6
176 70.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 117 Resp: 600445
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 30.2 25.2 37.8





#71

Bromoform

Concen: 1.322 ug/l

RT: 12.626 min Scan# 1820

Delta R.T. 0.271 min

Lab File: VD070487.D

Acq: 27 Sep 2021 19:38

Tgt Ion:173 Resp: 2976

Ion Ratio Lower Upper

173 100

175 416.0 25.1 75.2#

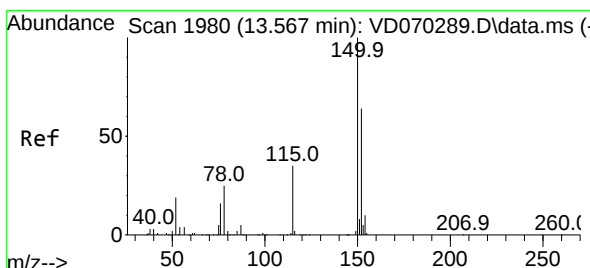
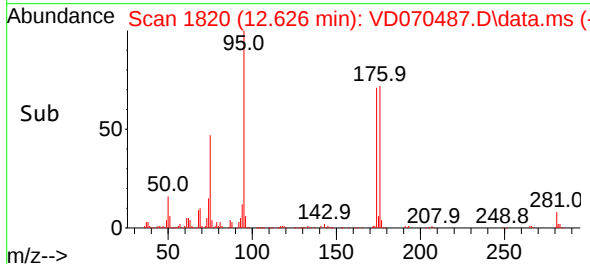
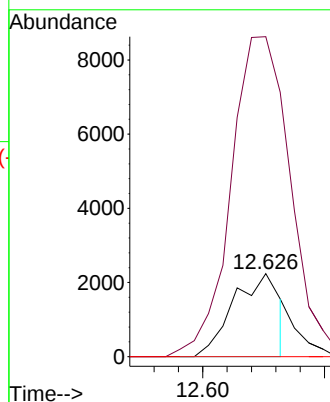
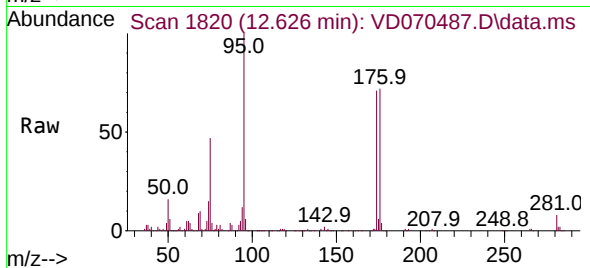
254 0.0 0.1 0.1#

Instrument :

MSVOA_D

ClientSampleId :

VIBLK



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD070487.D

Acq: 27 Sep 2021 19:38

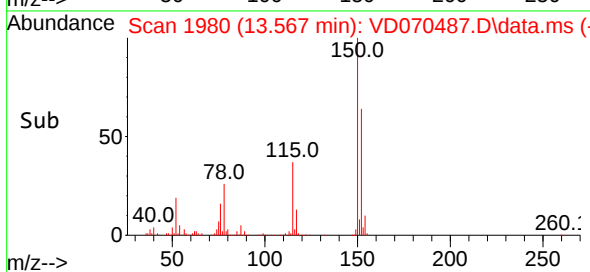
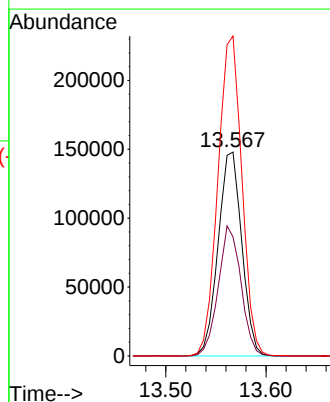
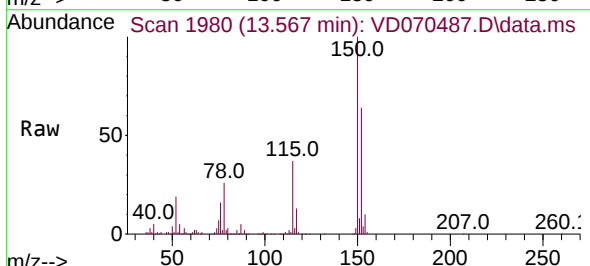
Tgt Ion:152 Resp: 242500

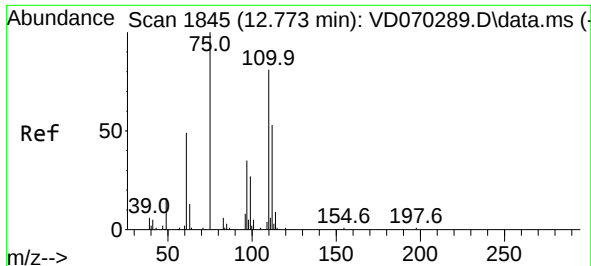
Ion Ratio Lower Upper

152 100

115 61.0 32.1 96.3

150 159.0 0.0 350.6

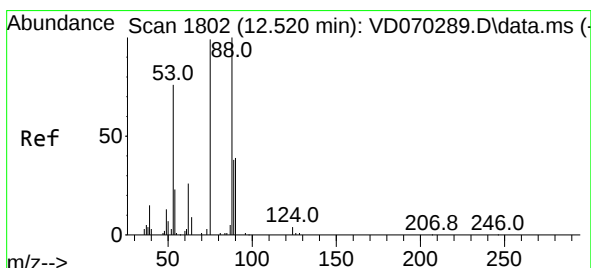
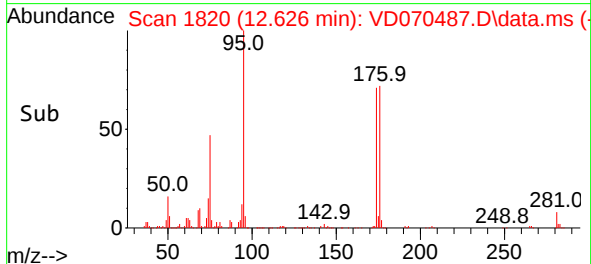
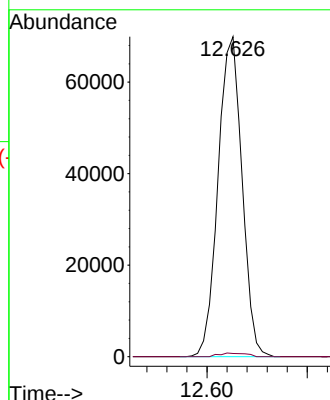
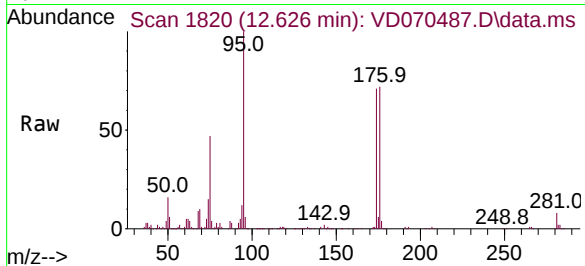




#76
1,2,3-Trichloropropane
Concen: 47.191 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 115755
Ion Ratio Lower Upper
75 100
77 1.3 174.9 524.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.241 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070487.D
Acq: 27 Sep 2021 19:38

Tgt Ion: 75 Resp: 115755
Ion Ratio Lower Upper
75 100
53 0.2 64.2 96.2#
89 0.0 35.6 53.4#

