

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072028.D
 Acq On : 21 Feb 2022 12:24
 Operator : VA/SY
 Sample : N1579-03RE
 Misc : 6.73G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(3.0-3.5)

Quant Time: Feb 22 00:34:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

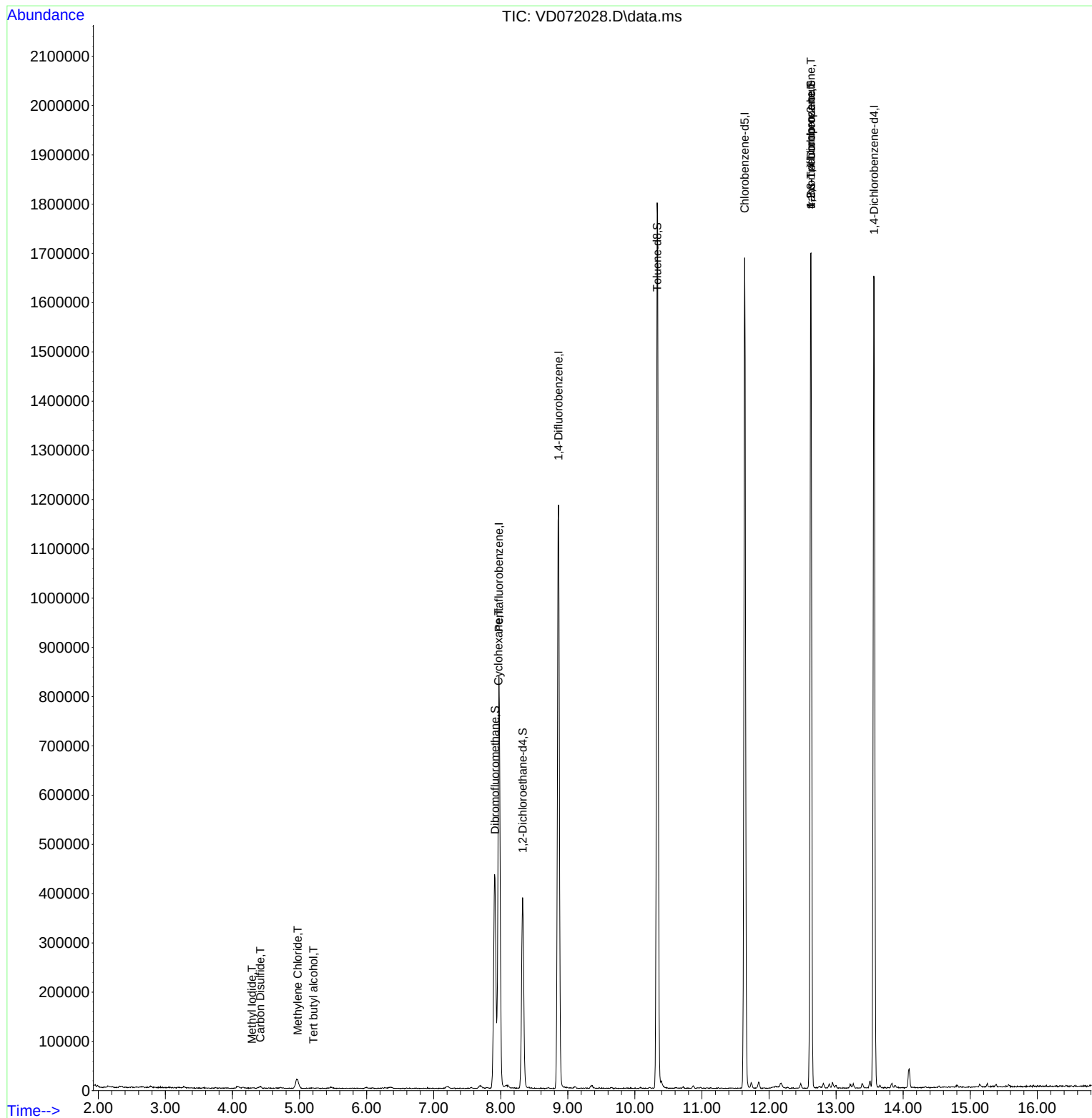
Internal Standards						
1) Pentafluorobenzene	7.973	168	606436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1025898	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	976996	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	453468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	311518	49.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.914	113	317900	51.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.332	98	1250537	54.253	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.626	95	457735	54.061	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.120%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1886	Below Cal	#	73
10) Methyl Iodide	4.291	142	896	3.047	ug/l #	85
11) Tert butyl alcohol	5.209	59	465	1.296	ug/l #	80
17) Carbon Disulfide	4.415	76	6359	1.068	ug/l	97
18) Methyl Acetate	4.720	43	223	Below Cal	#	52
20) Methylene Chloride	4.973	84	14512	2.145	ug/l	85
31) Cyclohexane	7.967	56	14945	1.345	ug/l #	11
76) 1,2,3-Trichloropropane	12.626	75	240644	56.024	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	240644	140.297	ug/l #	10

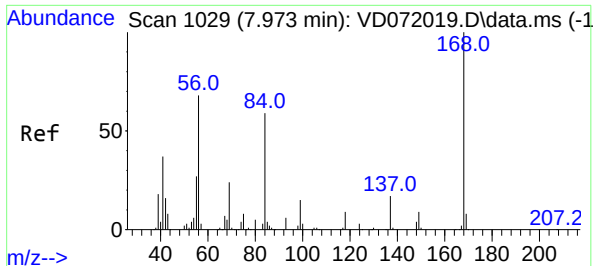
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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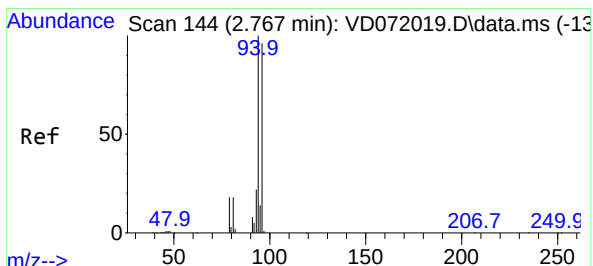
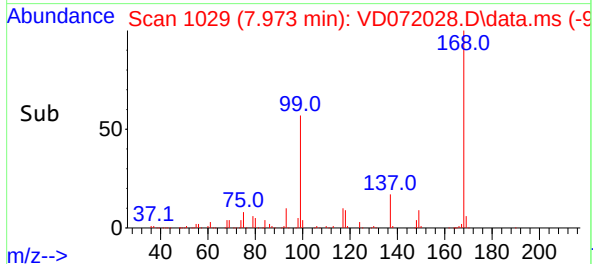
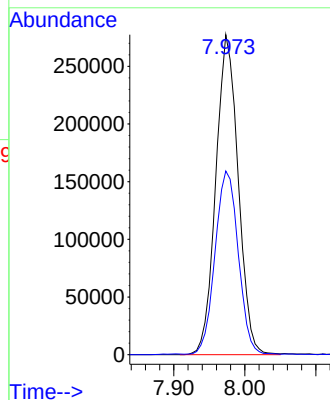
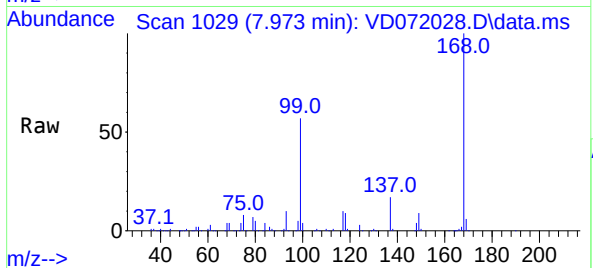




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

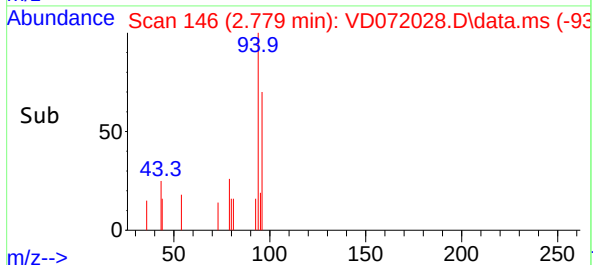
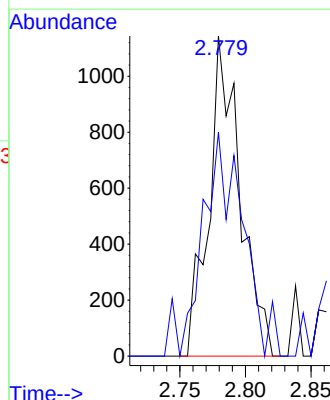
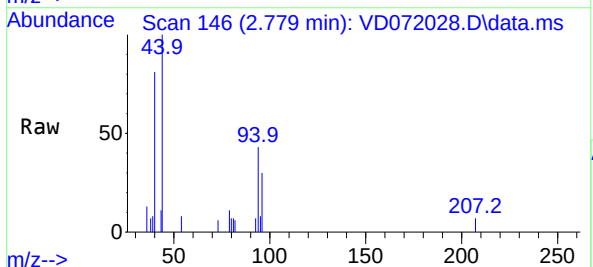
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

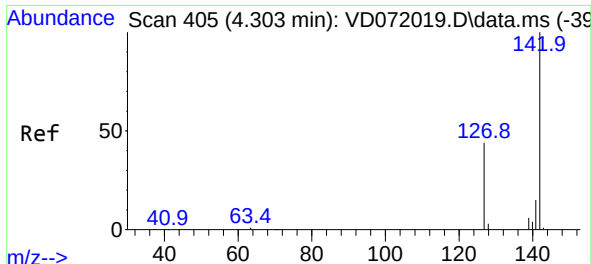
Tgt Ion:168 Resp: 606436
Ion Ratio Lower Upper
168 100
99 57.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 94 Resp: 1886
Ion Ratio Lower Upper
94 100
96 69.9 76.8 115.2#

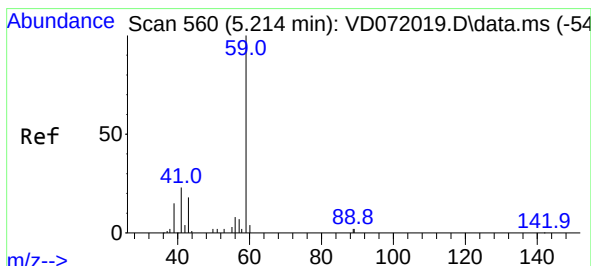
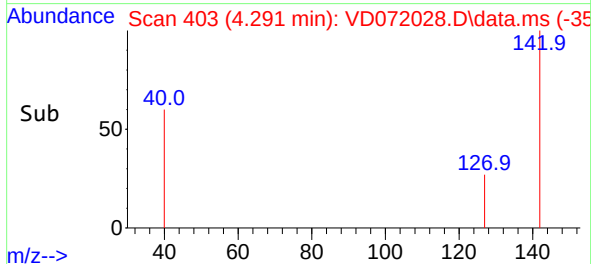
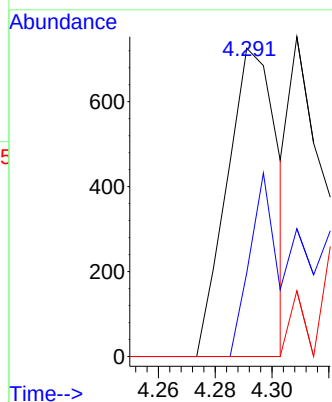
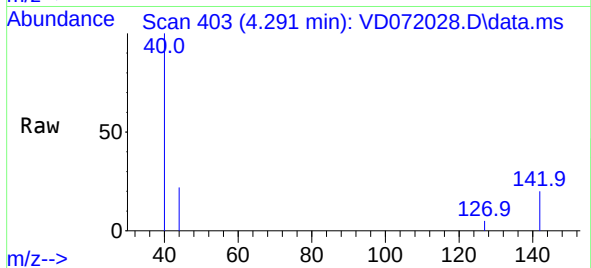




#10
Methyl Iodide
Concen: 3.047 ug/l
RT: 4.291 min Scan# 40
Delta R.T. -0.012 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

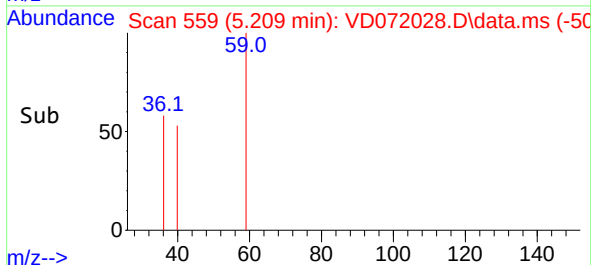
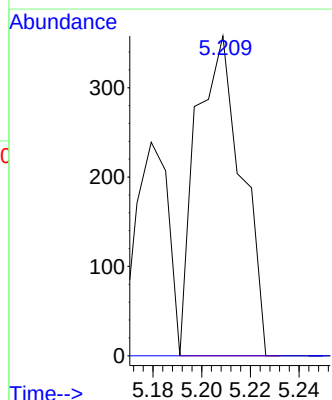
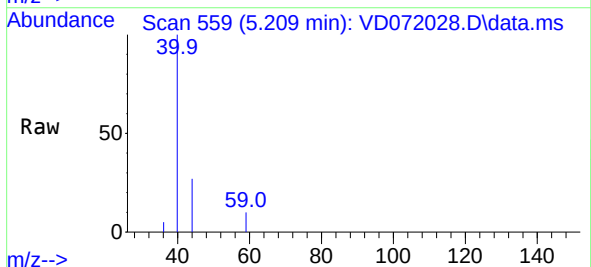
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

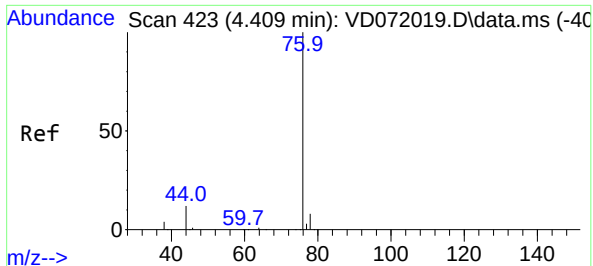
Tgt Ion:142 Resp: 896
Ion Ratio Lower Upper
142 100
127 50.4 35.8 53.8
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.296 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 59 Resp: 465
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

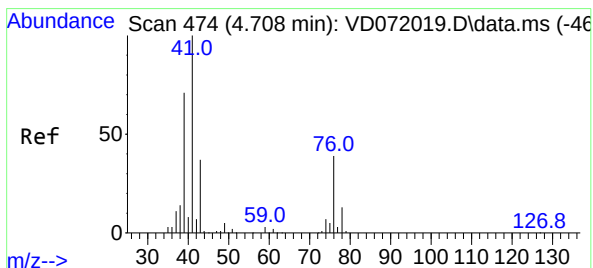
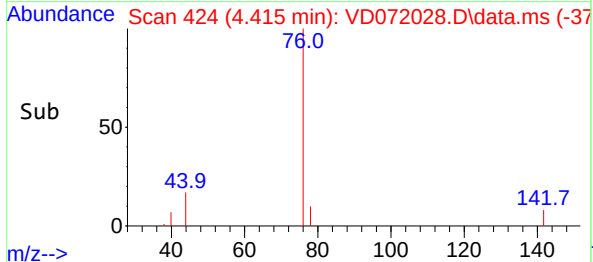
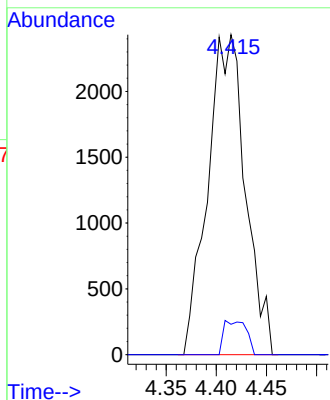
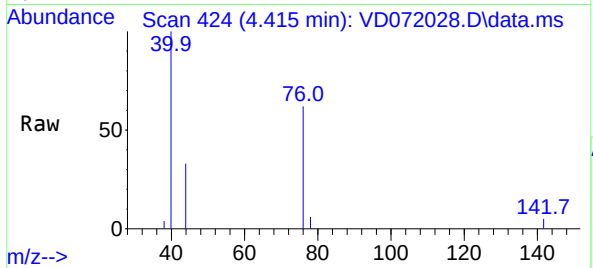




#17
Carbon Disulfide
Concen: 1.068 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

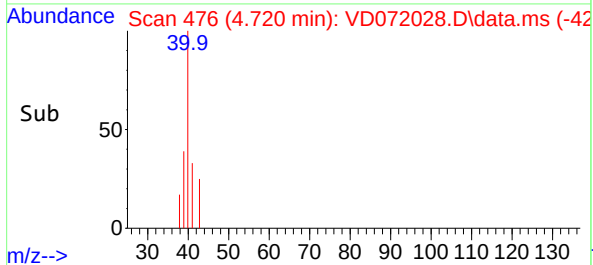
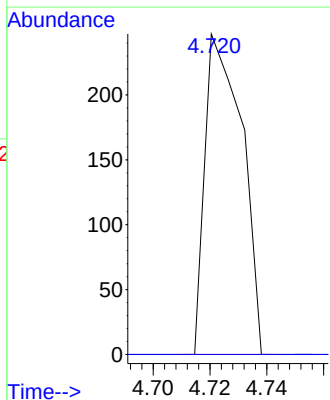
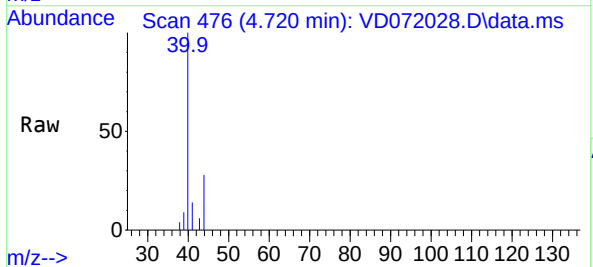
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

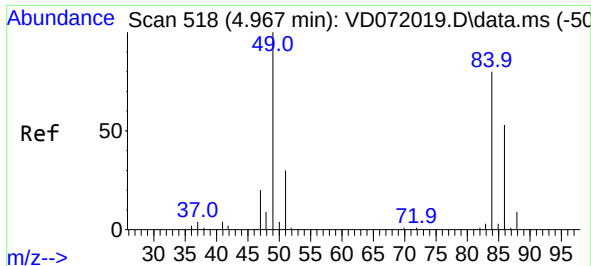
Tgt Ion: 76 Resp: 6359
Ion Ratio Lower Upper
76 100
78 9.5 6.7 10.1



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 43 Resp: 223
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



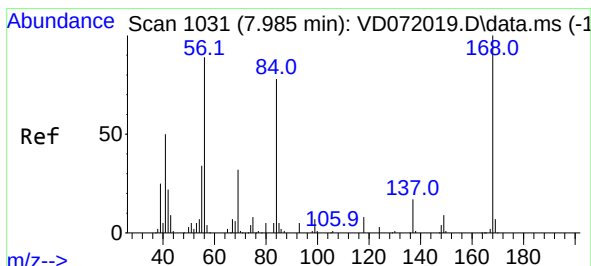
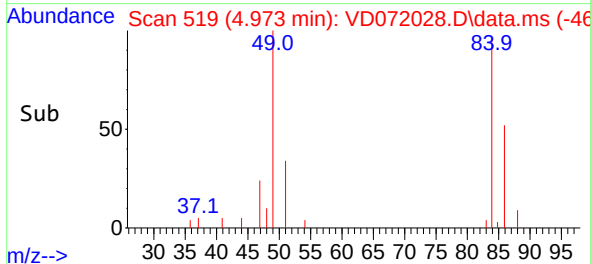
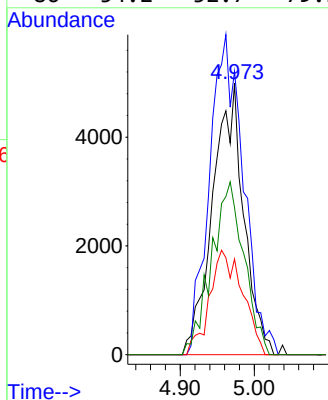
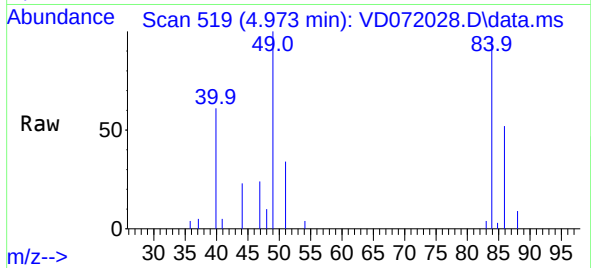


#20
Methylene Chloride
Concen: 2.145 ug/l
RT: 4.973 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

Tgt Ion: 84 Resp: 14512

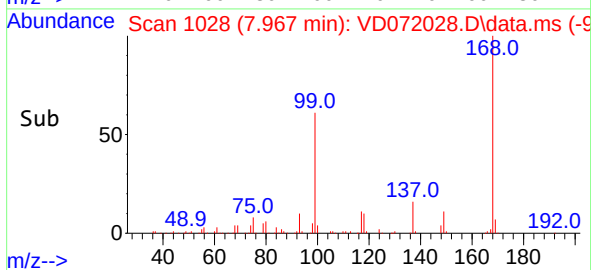
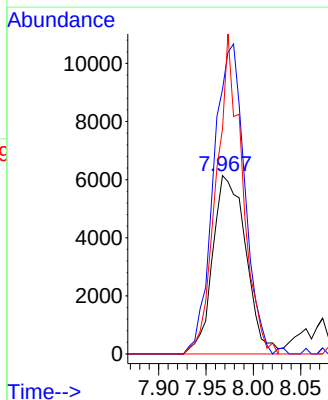
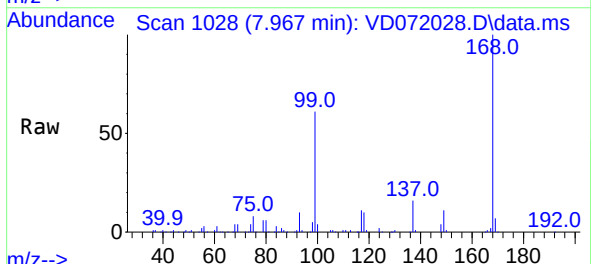
Ion	Ratio	Lower	Upper
84	100		
49	104.5	100.0	150.0
51	35.3	30.2	45.4
86	54.2	52.7	79.1

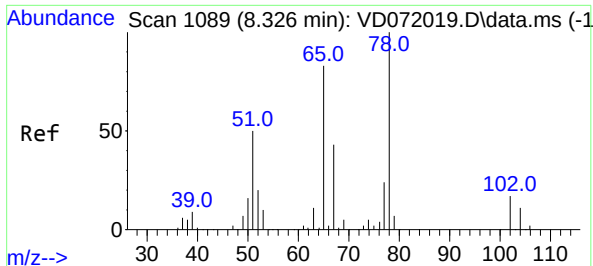


#31
Cyclohexane
Concen: 1.345 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.017 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 56 Resp: 14945

Ion	Ratio	Lower	Upper
56	100		
69	148.3	28.9	43.3#
84	132.4	70.6	105.8#





#33

1,2-Dichloroethane-d4

Concen: 49.522 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072028.D

Acq: 21 Feb 2022 12:24

Instrument :

MSVOA_D

ClientSampleId :

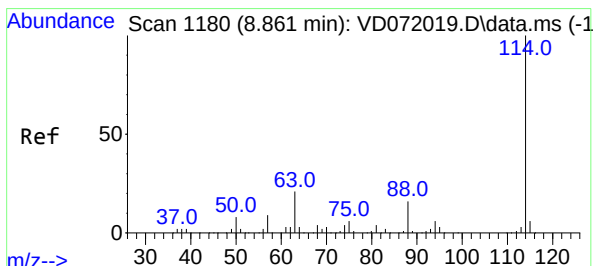
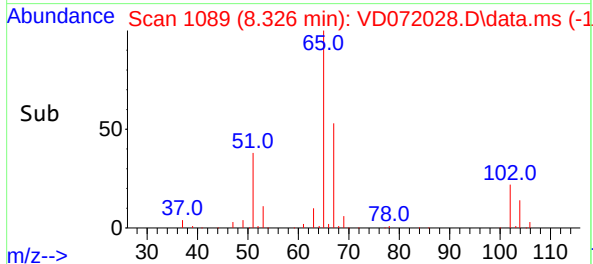
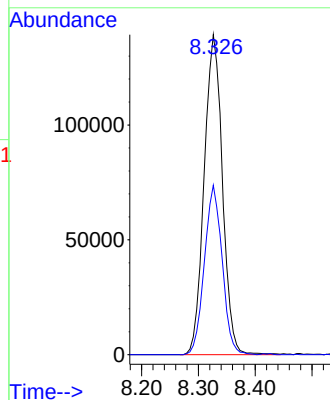
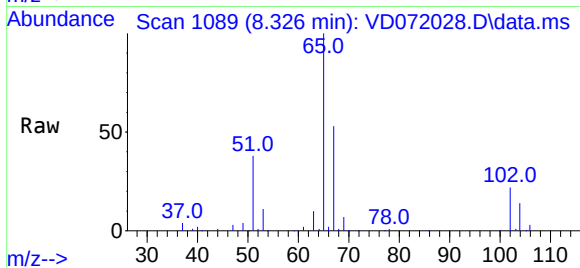
SB-6-(3.0-3.5)

Tgt Ion: 65 Resp: 311518

Ion Ratio Lower Upper

65 100

67 51.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072028.D

Acq: 21 Feb 2022 12:24

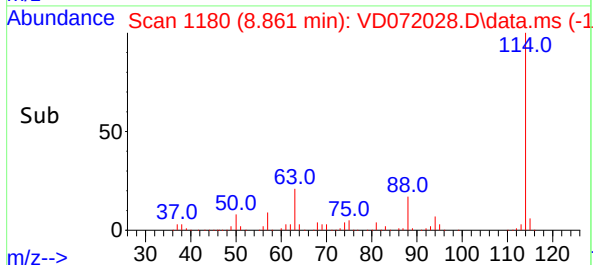
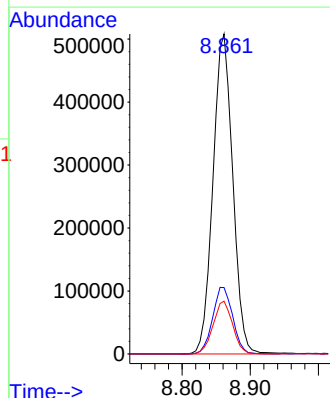
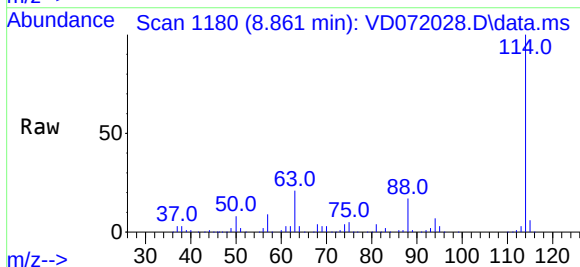
Tgt Ion: 114 Resp: 1025898

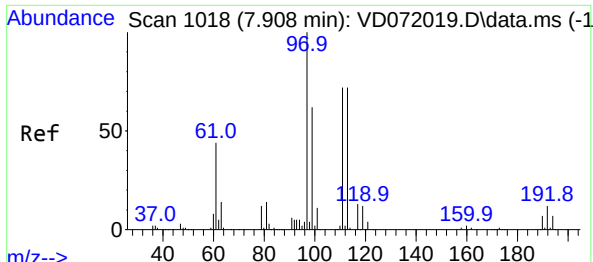
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.2

88 16.5 0.0 31.2

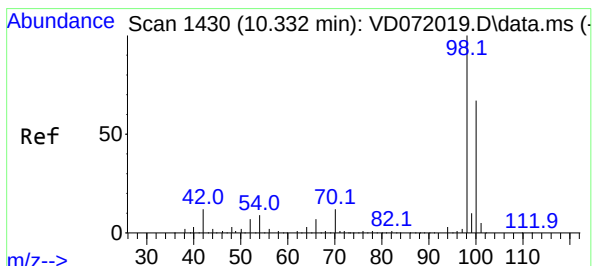
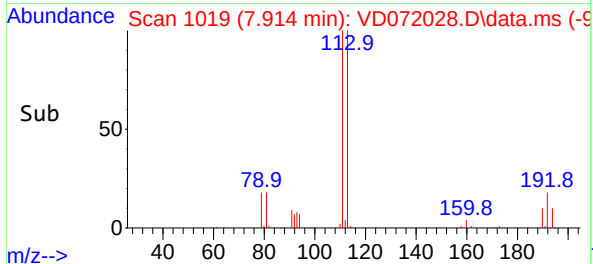
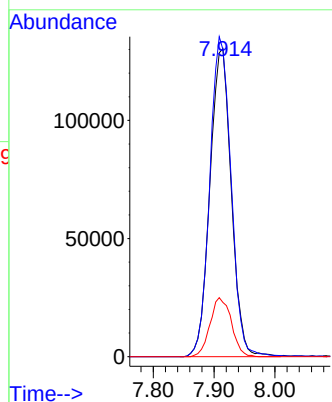
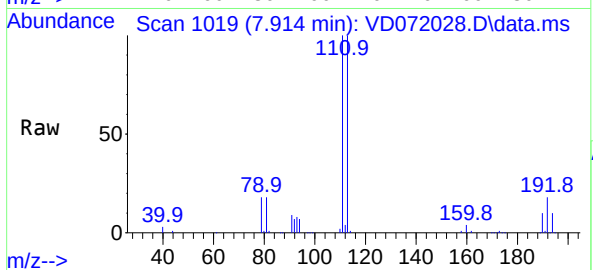




#35
Dibromofluoromethane
Concen: 51.145 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

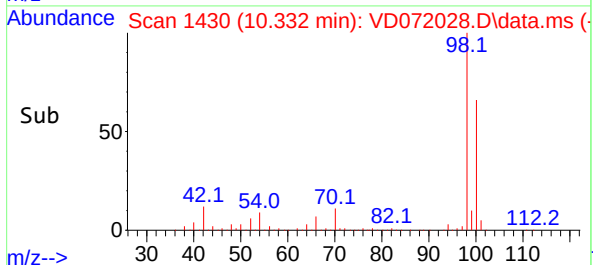
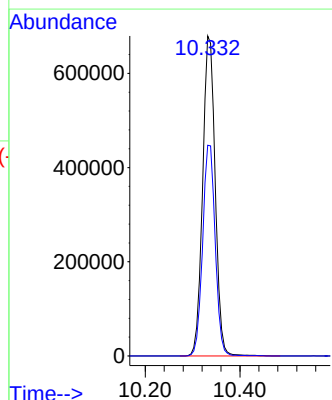
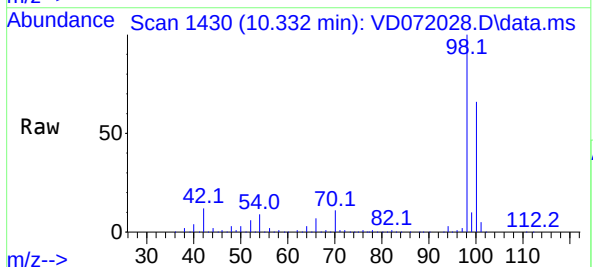
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

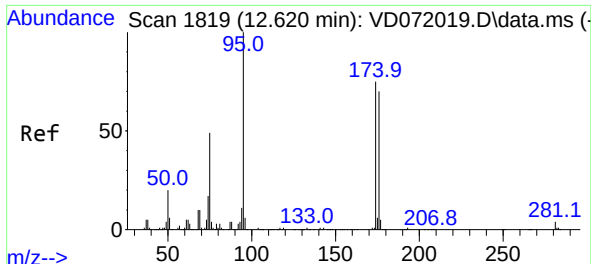
Tgt Ion:113 Resp: 317900
Ion Ratio Lower Upper
113 100
111 103.2 83.0 124.4
192 19.1 15.3 22.9



#50
Toluene-d8
Concen: 54.253 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 98 Resp: 1250537
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

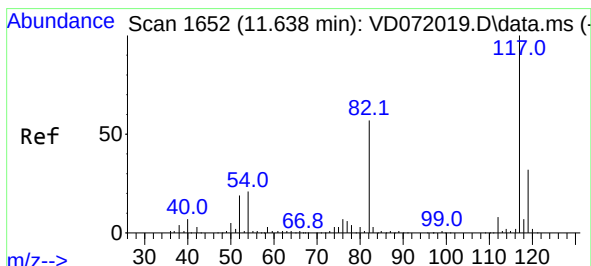
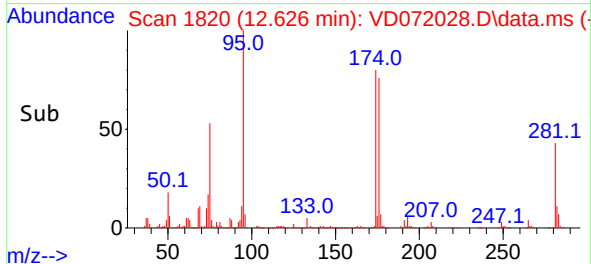
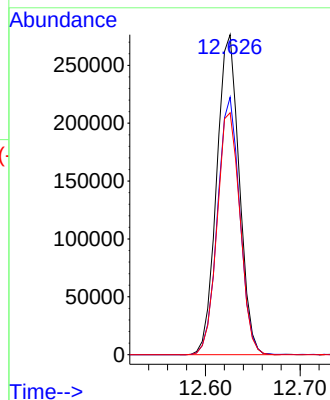
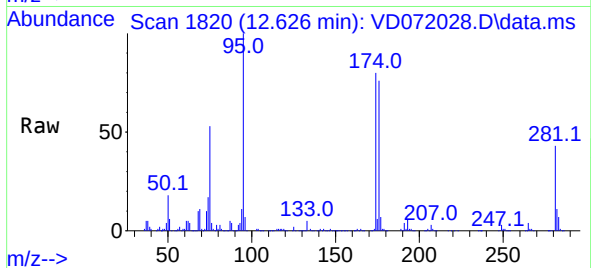




#62
4-Bromofluorobenzene
Concen: 54.061 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

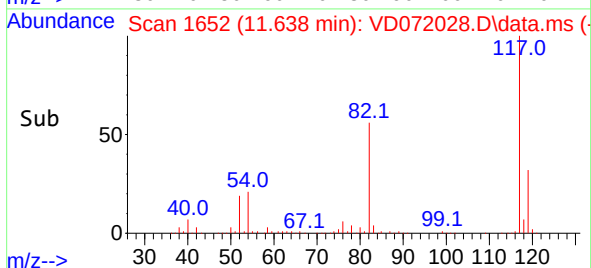
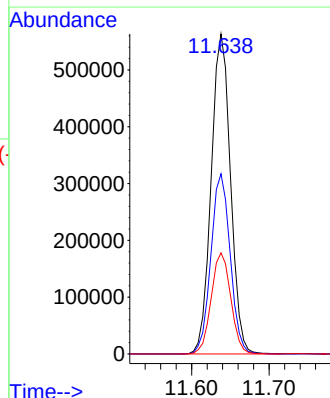
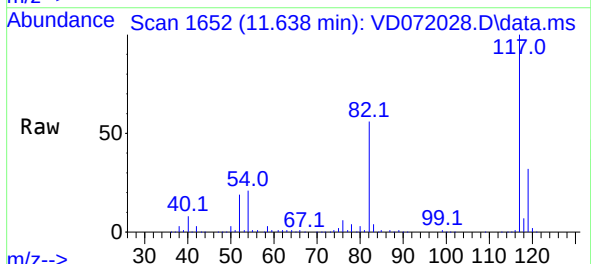
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

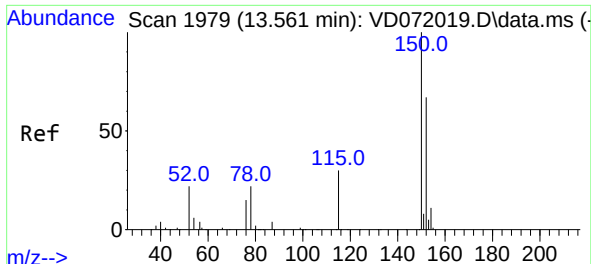
Tgt Ion: 95 Resp: 457735
Ion Ratio Lower Upper
95 100
174 79.1 0.0 155.0
176 76.6 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 117 Resp: 976996
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 31.6 25.4 38.2

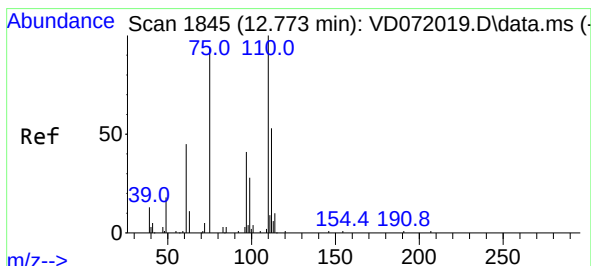
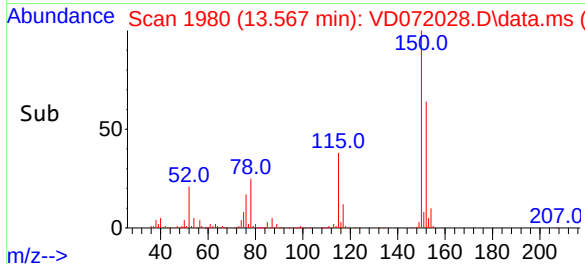
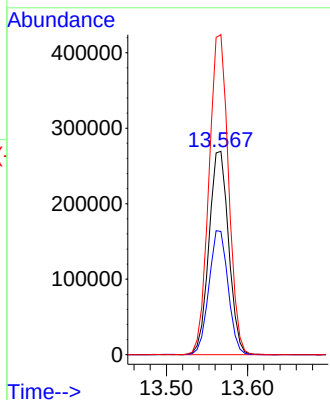
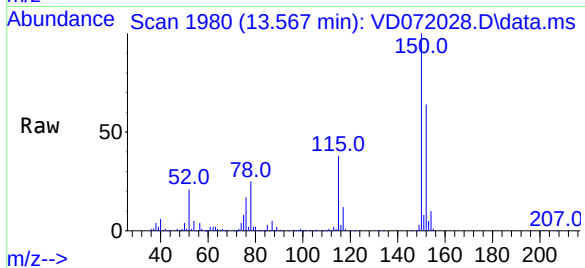




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

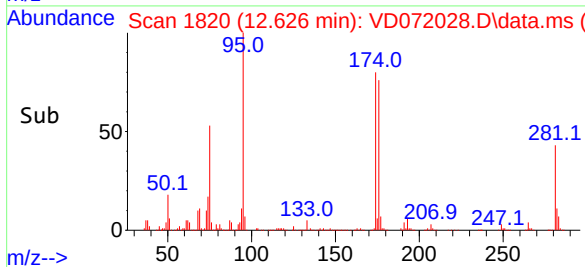
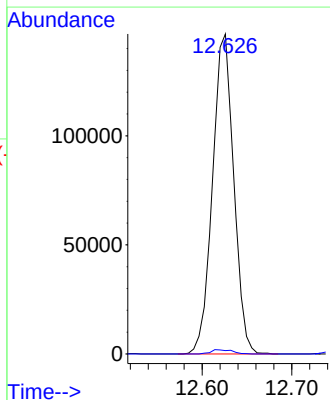
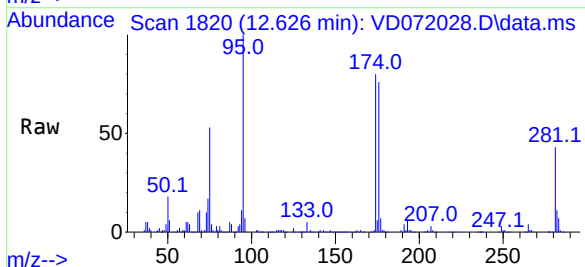
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(3.0-3.5)

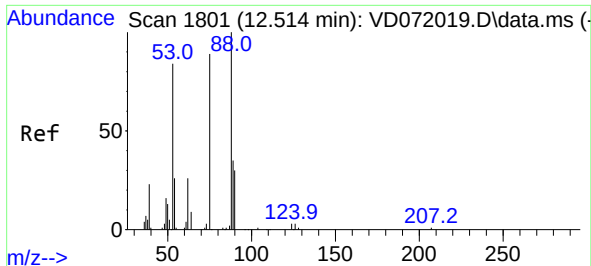
Tgt Ion:152 Resp: 453468
Ion Ratio Lower Upper
152 100
115 59.4 29.9 89.7
150 156.5 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 56.024 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072028.D
Acq: 21 Feb 2022 12:24

Tgt Ion: 75 Resp: 240644
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.297 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD072028.D
 Acq: 21 Feb 2022 12:24

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(3.0-3.5)

Tgt Ion: 75 Resp: 240644
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.4 36.4 54.6#

