

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122821\
 Data File : VD071511.D
 Acq On : 28 Dec 2021 19:00
 Operator : VA/SY
 Sample : M5236-07
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4

Quant Time: Dec 28 19:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	271068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	481052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	476683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	213423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190959	53.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.080%
35) Dibromofluoromethane	7.908	113	161474	49.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.338	98	608081	49.770	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.626	95	218161	50.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.500%

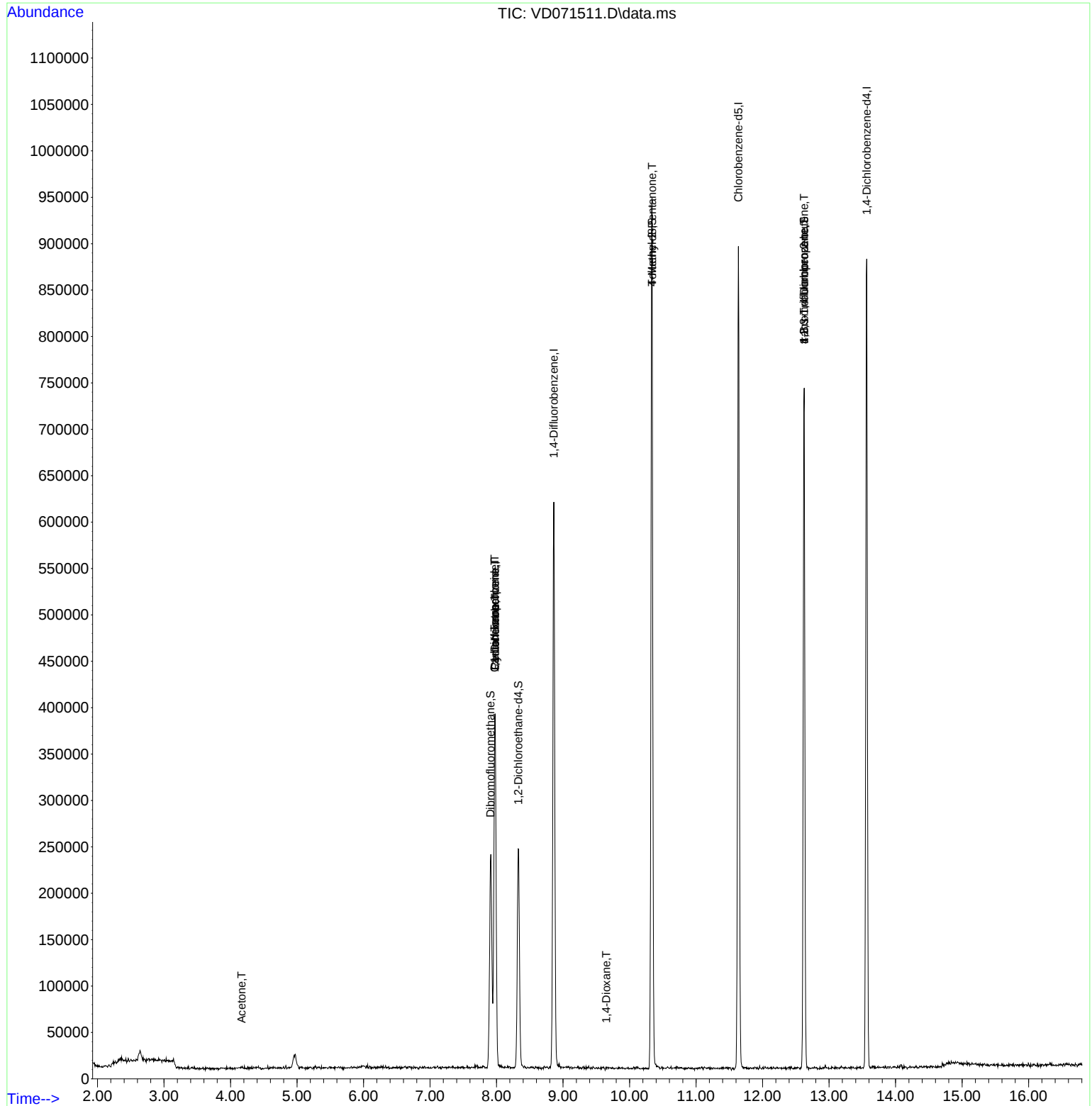
Target Compounds					Qvalue	
16) Acetone	4.167	43	1613	1.784	ug/l #	40
20) Methylene Chloride	4.973	84	6341	Below Cal	#	79
31) Cyclohexane	7.979	56	7818	1.278	ug/l #	39
36) 1,1-Dichloropropene	7.973	75	25349	4.908	ug/l #	50
38) Carbon Tetrachloride	7.973	117	31129	6.109	ug/l #	19
49) 1,4-Dioxane	9.649	88	54	2.401	ug/l #	23
51) 4-Methyl-2-Pentanone	10.338	43	3874	1.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	124030	48.911	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	124030	138.198	ug/l #	18

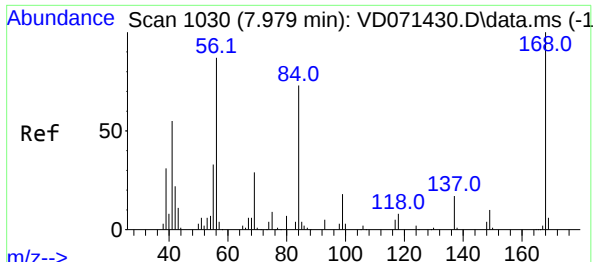
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

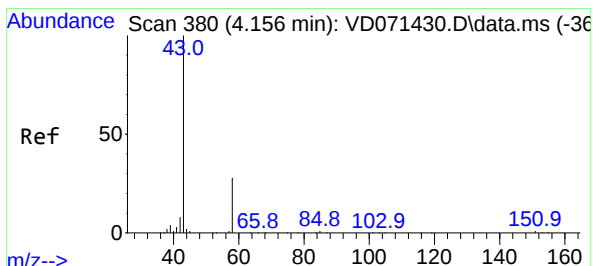
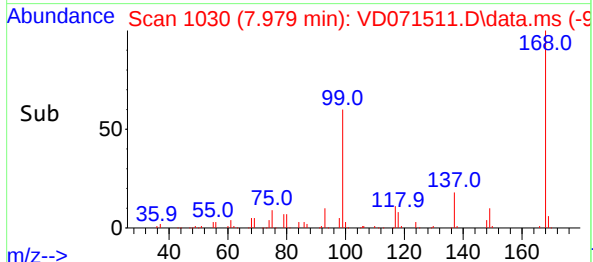
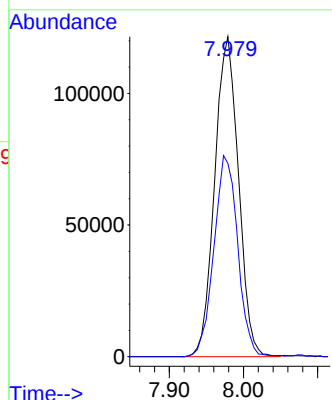
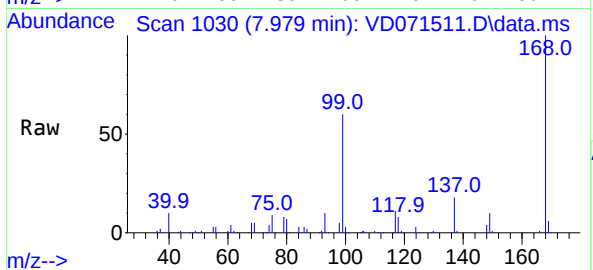




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

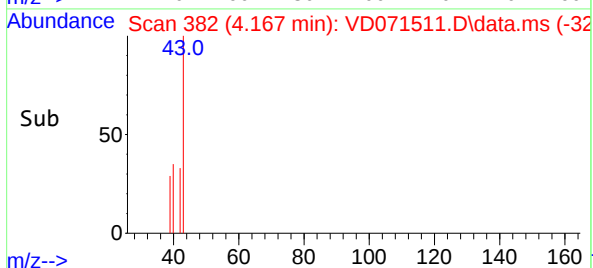
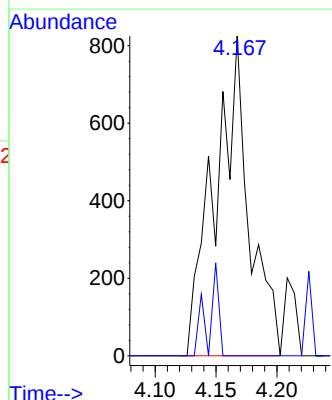
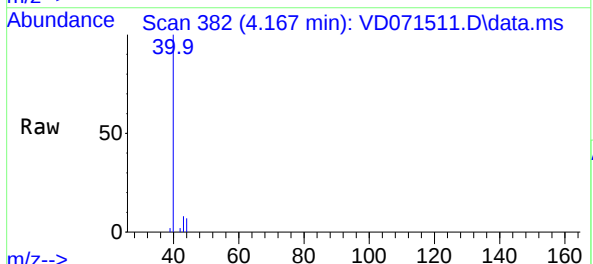
Instrument :
MSVOA_D
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SB-4

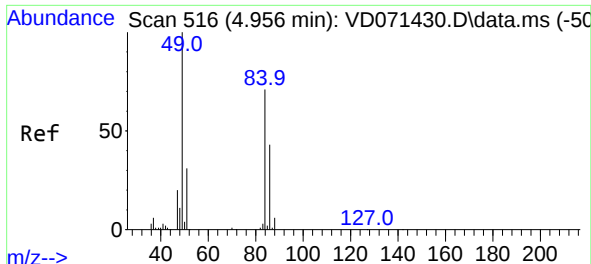
Tgt Ion:168 Resp: 271068
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#16
Acetone
Concen: 1.784 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

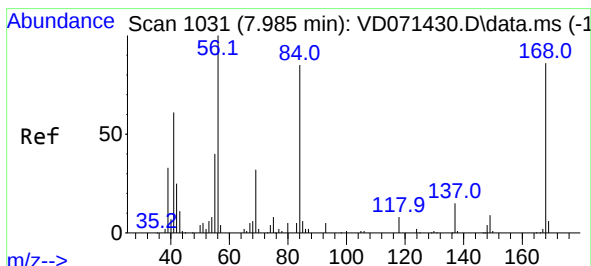
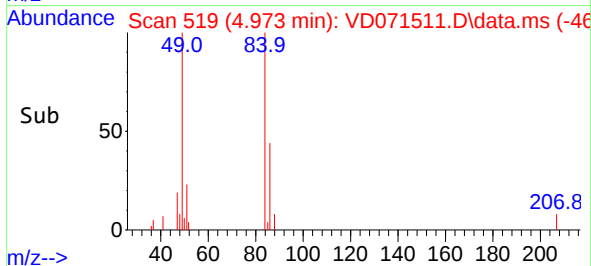
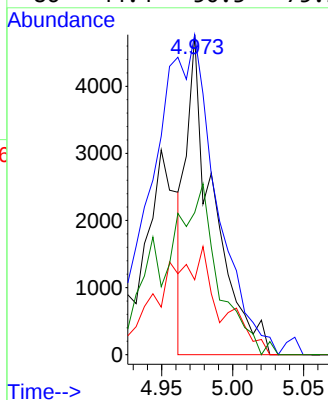
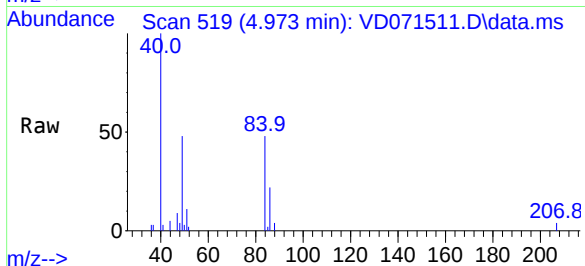




#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

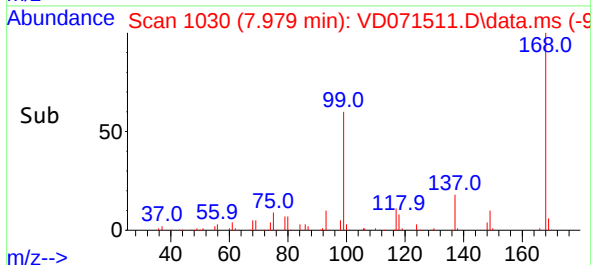
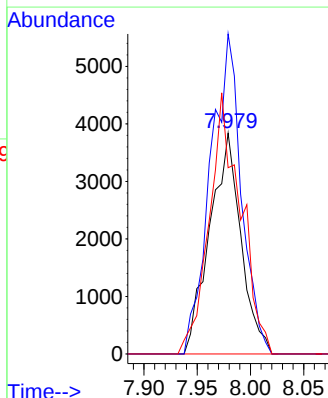
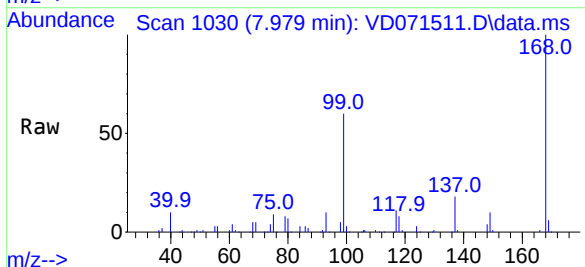
Instrument :
MSVOA_D
ClientSampleId :
SB-4

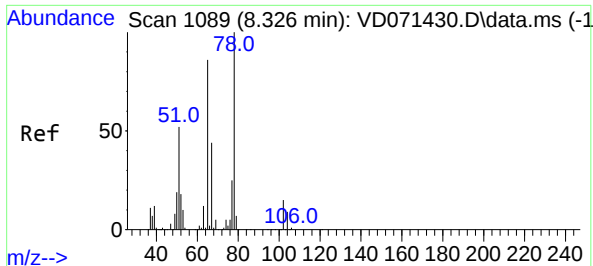
Tgt Ion:	84	Resp:	6341
Ion	Ratio	Lower	Upper
84	100		
49	100.0	95.8	143.6
51	23.4	30.9	46.3#
86	44.4	50.3	75.5#



#31
Cyclohexane
Concen: 1.278 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion:	56	Resp:	7818
Ion	Ratio	Lower	Upper
56	100		
69	144.9	25.9	38.9#
84	84.3	64.3	96.5





#33

1,2-Dichloroethane-d4

Concen: 53.044 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071511.D

Acq: 28 Dec 2021 19:00

Instrument :

MSVOA_D

ClientSampleId :

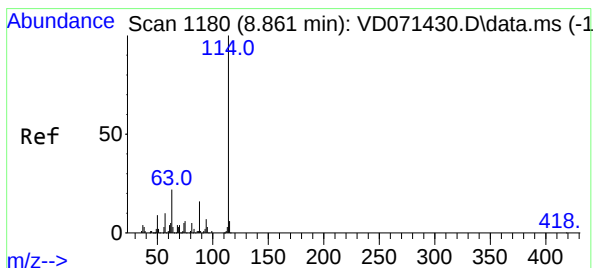
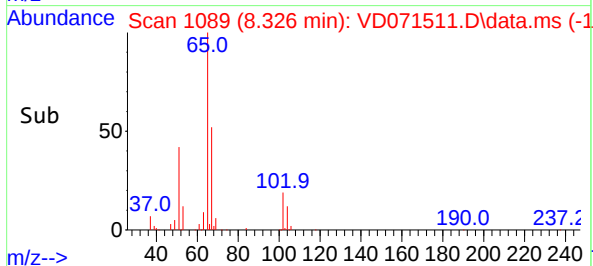
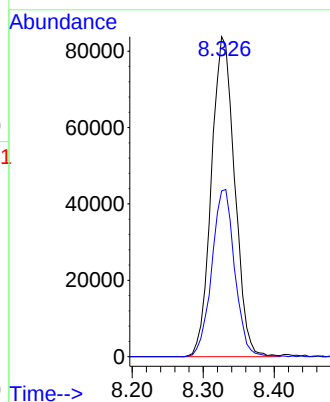
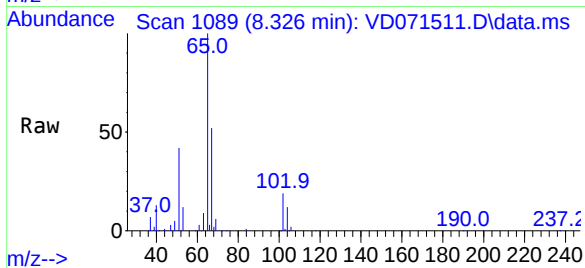
SB-4

Tgt Ion: 65 Resp: 190959

Ion Ratio Lower Upper

65 100

67 51.3 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: VD071511.D

Acq: 28 Dec 2021 19:00

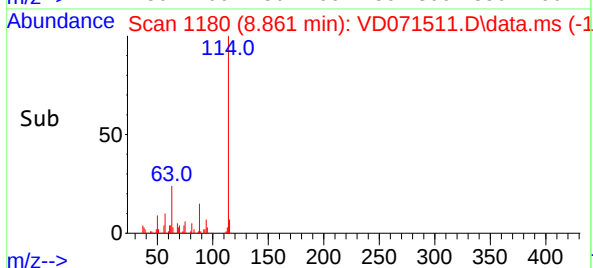
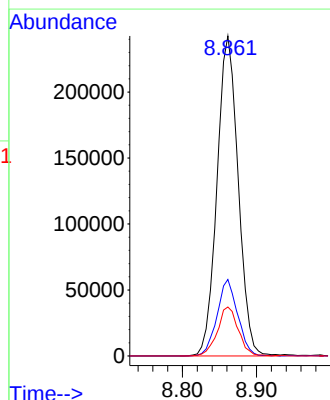
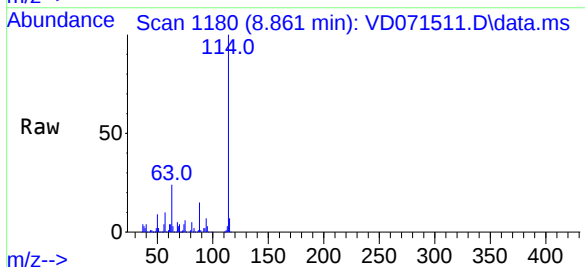
Tgt Ion:114 Resp: 481052

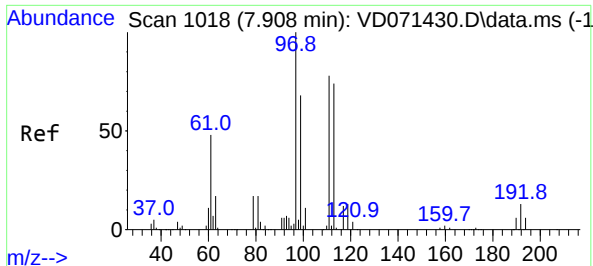
Ion Ratio Lower Upper

114 100

63 23.9 0.0 41.8

88 15.3 0.0 32.8

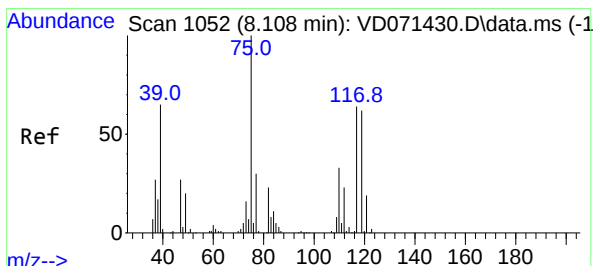
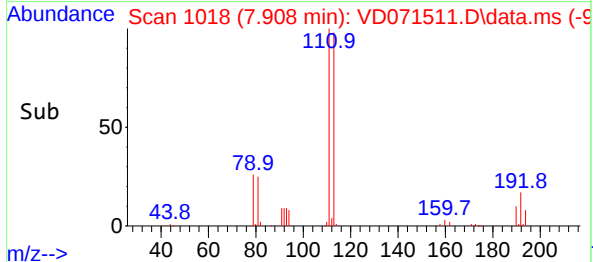
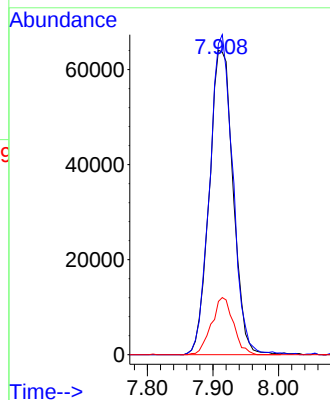
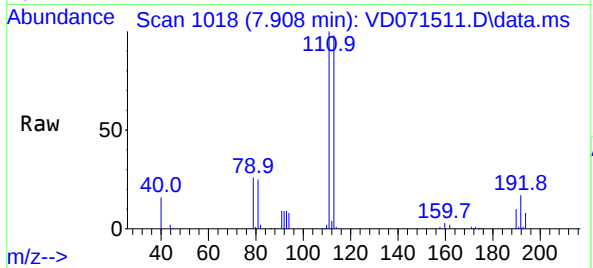




#35
Dibromofluoromethane
Concen: 49.945 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

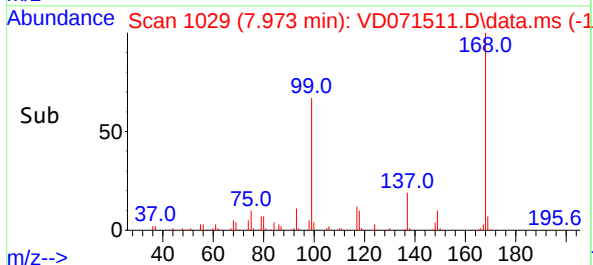
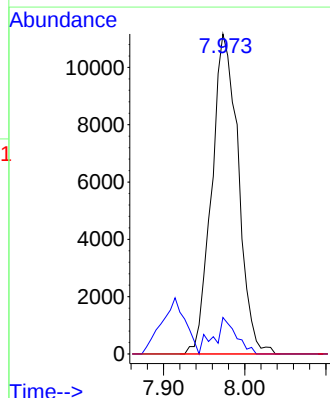
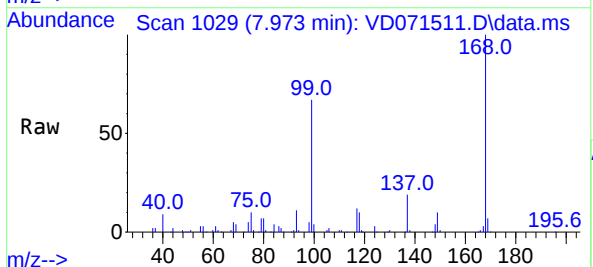
Instrument :
MSVOA_D
ClientSampleId :
SB-4

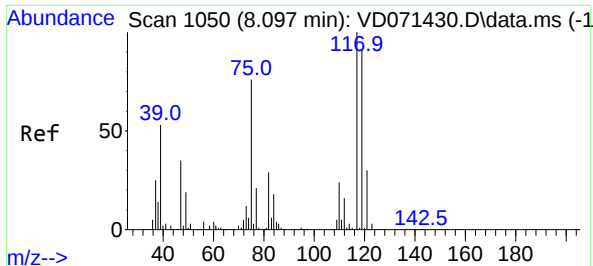
Tgt Ion:113 Resp: 161474
Ion Ratio Lower Upper
113 100
111 102.3 82.0 123.0
192 17.2 15.2 22.8



#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 75 Resp: 25349
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.4#
77 0.0 24.8 37.2#

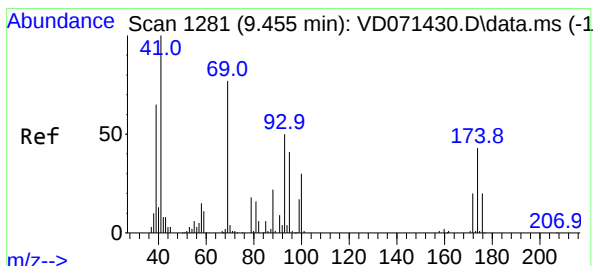
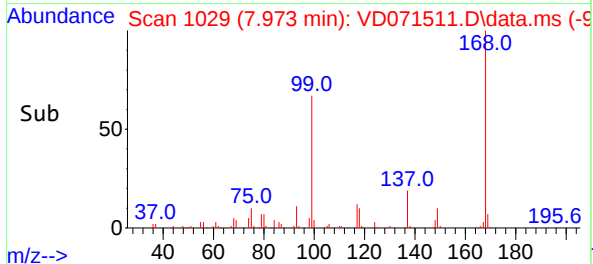
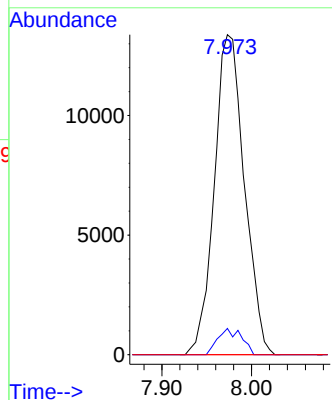
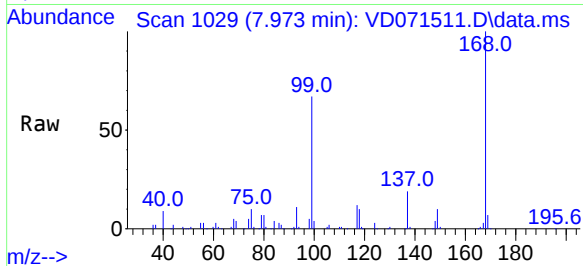




#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

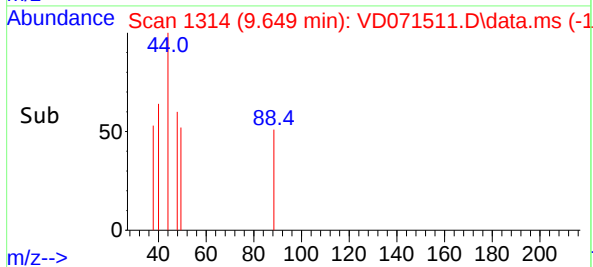
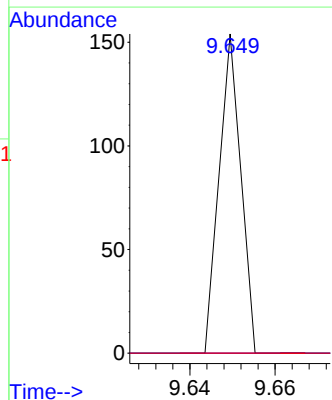
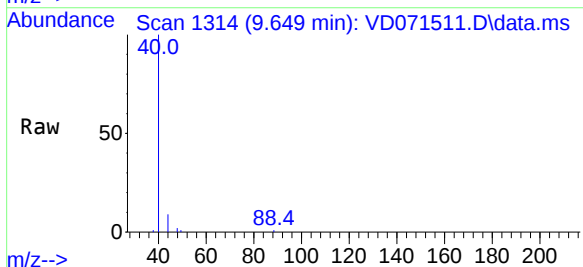
Instrument : MSVOA_D
ClientSampleId : SB-4

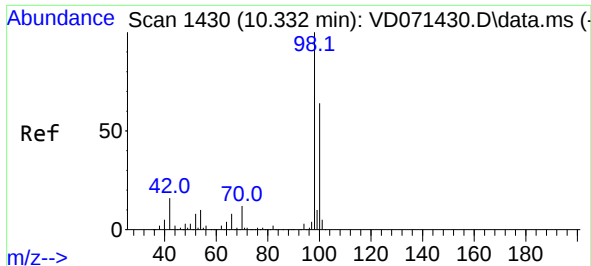
Tgt Ion:117 Resp: 31129
Ion Ratio Lower Upper
117 100
119 8.2 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.401 ug/l
RT: 9.649 min Scan# 1314
Delta R.T. 0.194 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 88 Resp: 54
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

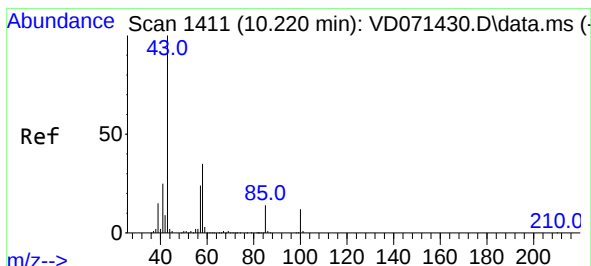
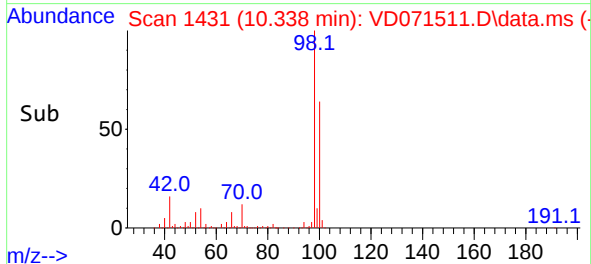
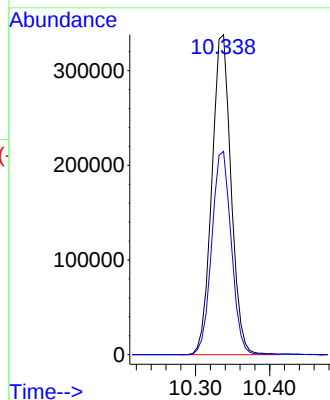
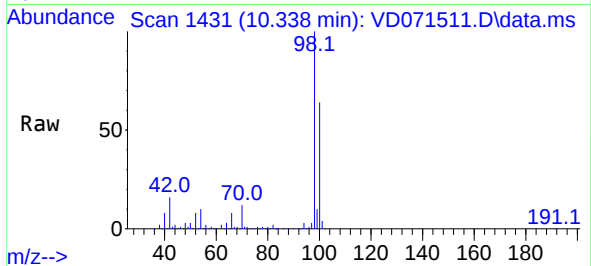




#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

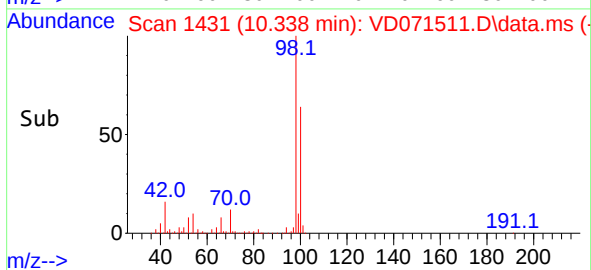
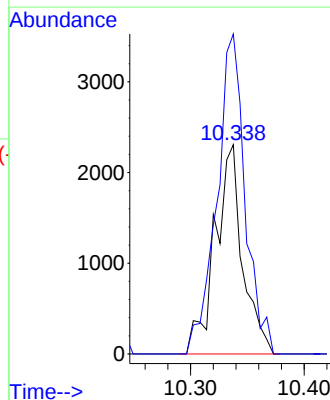
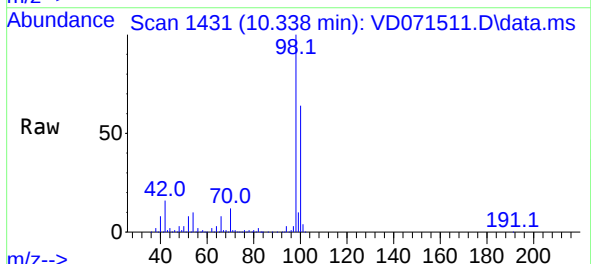
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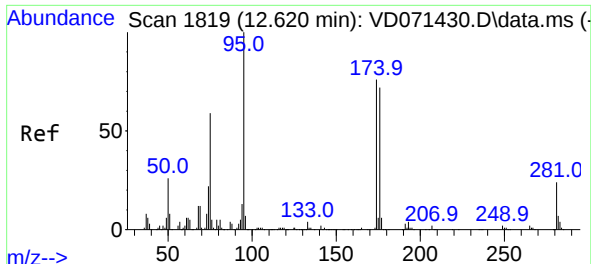
Tgt Ion: 98 Resp: 608081
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.556 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 43 Resp: 3874
Ion Ratio Lower Upper
43 100
58 157.7 33.1 49.7#

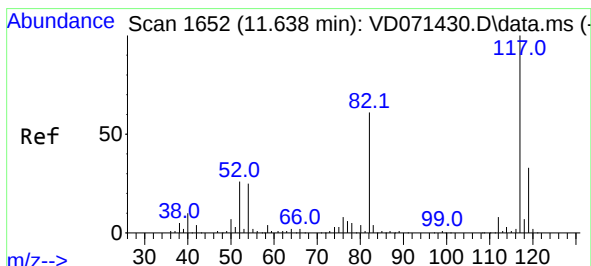
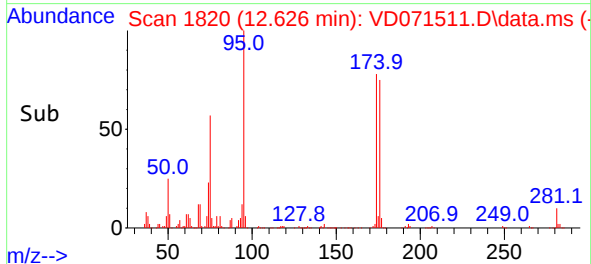
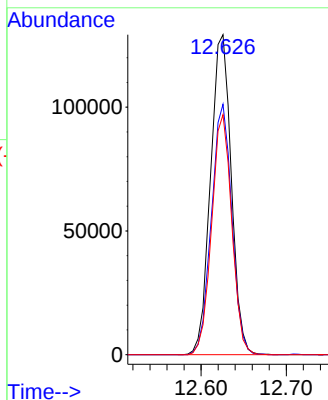
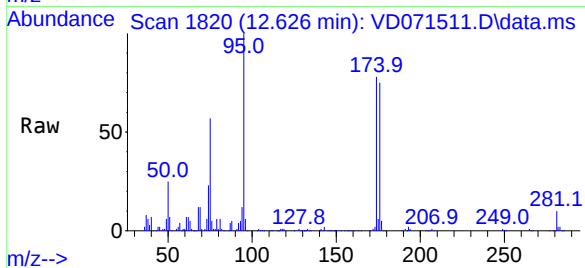




#62
4-Bromofluorobenzene
Concen: 50.249 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

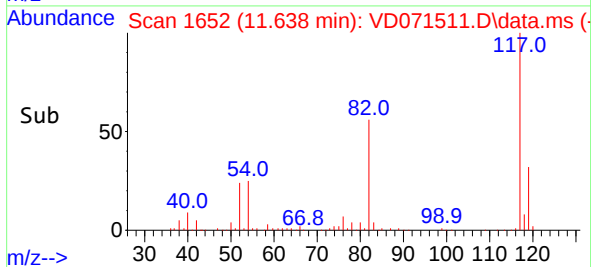
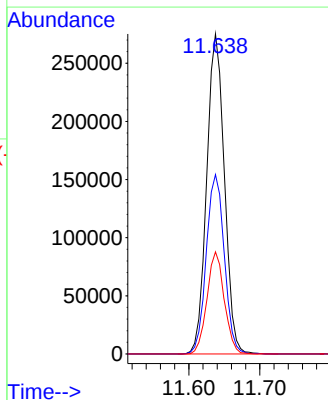
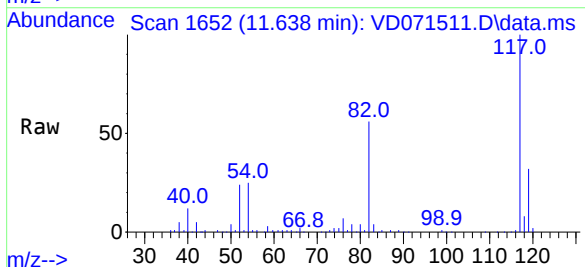
Instrument :
MSVOA_D
ClientSampleId :
SB-4

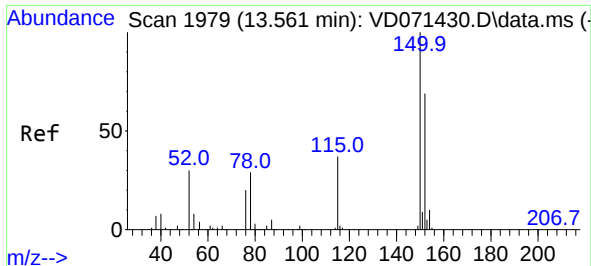
Tgt Ion: 95 Resp: 218161
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.8 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

Tgt Ion: 117 Resp: 476683
Ion Ratio Lower Upper
117 100
82 56.0 44.7 67.1
119 31.9 26.2 39.4

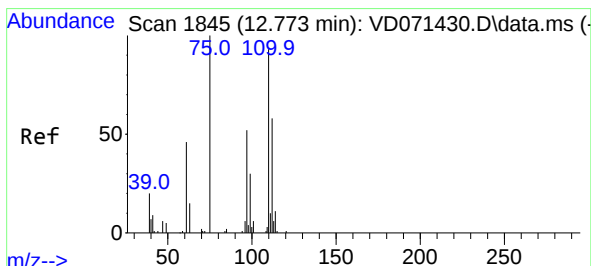
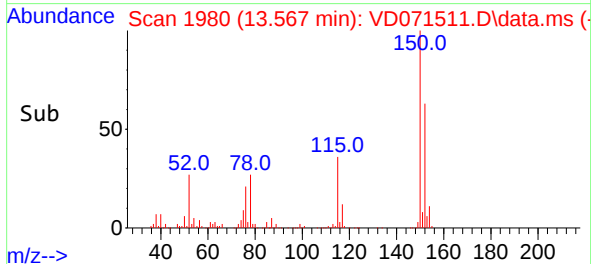
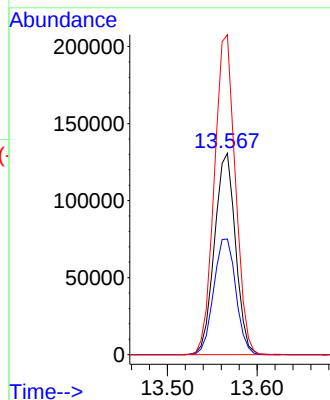
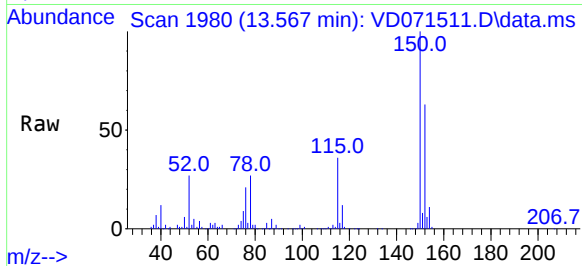




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

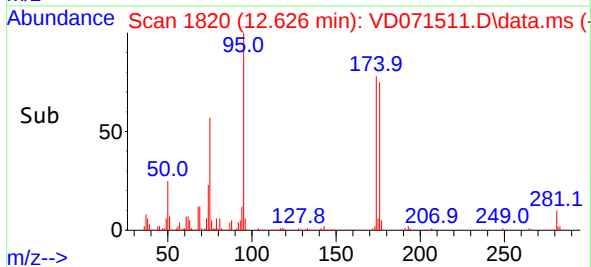
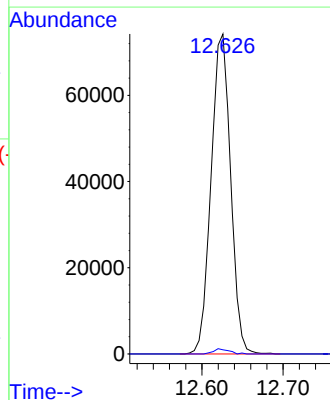
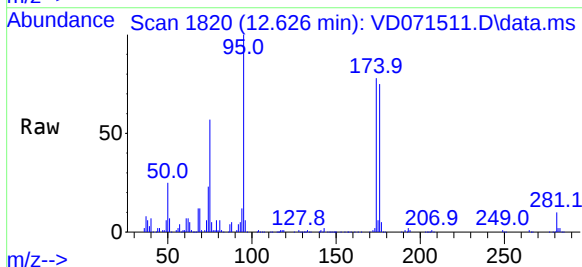
Instrument :
MSVOA_D
ClientSampleId :
SB-4

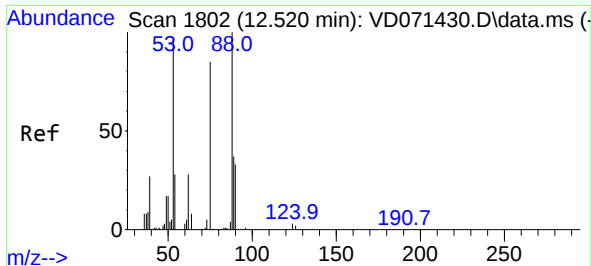
Tgt Ion:152 Resp: 213423
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.5 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 48.911 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071511.D
Acq: 28 Dec 2021 19:00

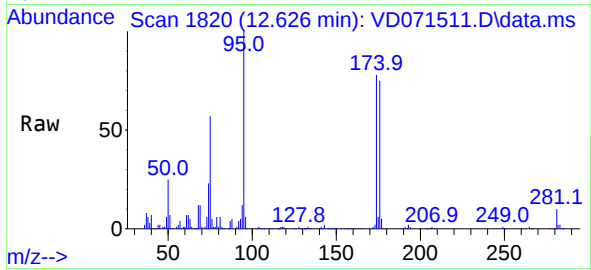
Tgt Ion: 75 Resp: 124030
Ion Ratio Lower Upper
75 100
77 1.3 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.198 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071511.D
 Acq: 28 Dec 2021 19:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4



Tgt Ion: 75 Resp: 124030
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

