

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
 Data File : VD071479.D
 Acq On : 27 Dec 2021 11:40
 Operator : VA/SY
 Sample : VD1227SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 27 16:46:41 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	366919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	555013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	252085	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	243171	49.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.800%
35) Dibromofluoromethane	7.914	113	224907	53.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.460%
50) Toluene-d8	10.338	98	823453	51.572	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.140%
62) 4-Bromofluorobenzene	12.626	95	287471	50.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.340%

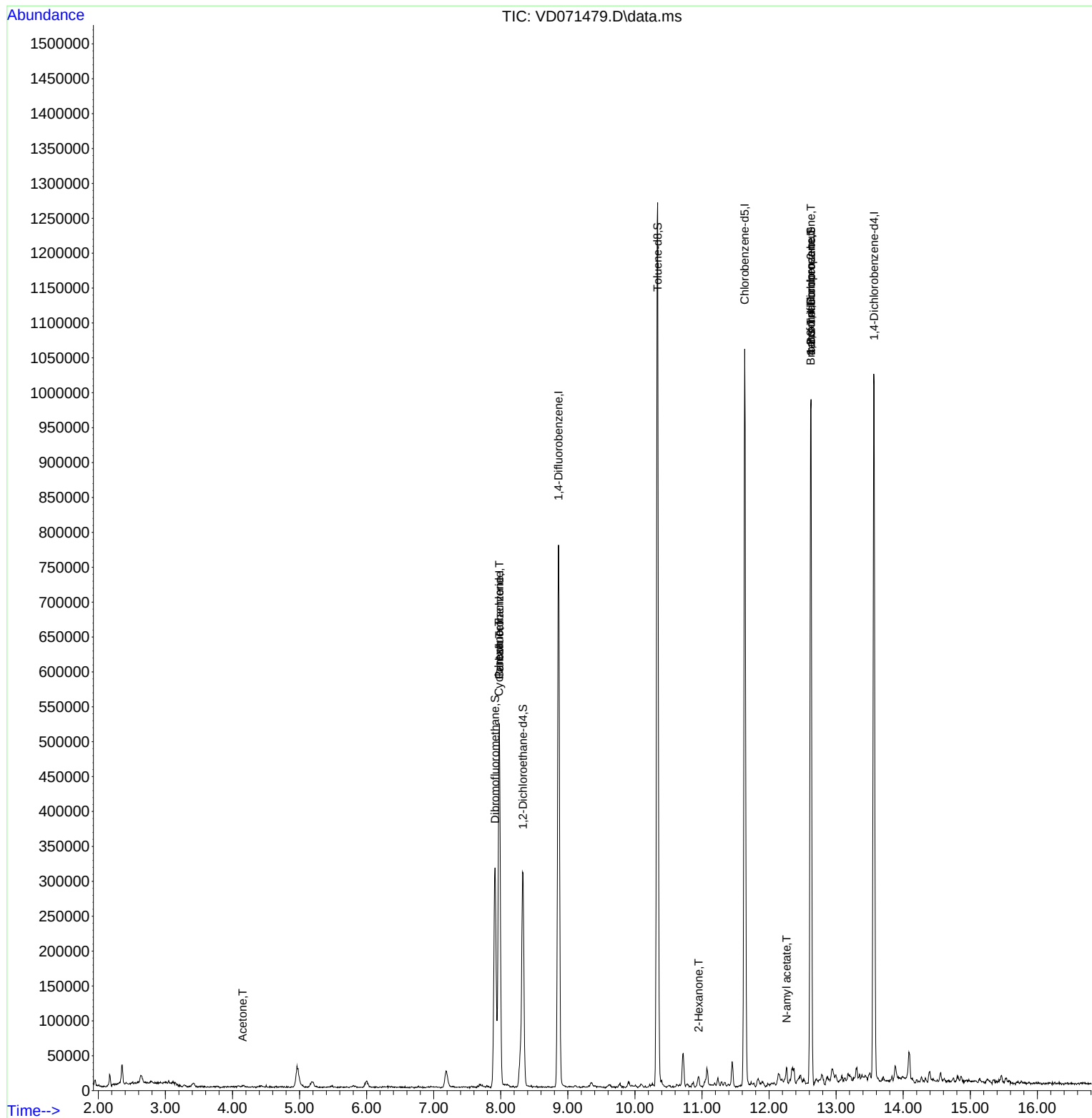
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.167	59	2774	Below Cal	#	71
16) Acetone	4.150	43	3011	2.460	ug/l #	72
20) Methylene Chloride	4.979	84	18900	Below Cal		91
31) Cyclohexane	7.973	56	11806	1.426	ug/l #	8
38) Carbon Tetrachloride	7.979	117	38922	5.844	ug/l #	16
59) 2-Hexanone	10.949	43	7406	3.220	ug/l #	22
71) Bromoform	12.620	173	2446	1.087	ug/l #	29
74) N-amyl acetate	12.261	43	7452	1.429	ug/l #	37
76) 1,2,3-Trichloropropane	12.626	75	161378	53.878	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	161378	152.235	ug/l #	19

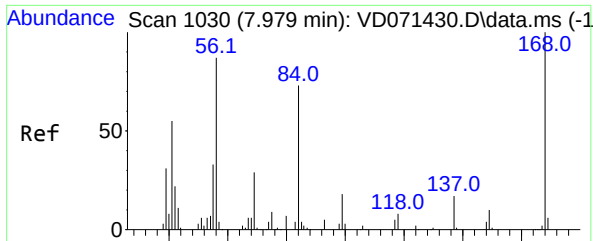
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122721\
Data File : VD071479.D
Acq On : 27 Dec 2021 11:40
Operator : VA/SY
Sample : VD1227SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

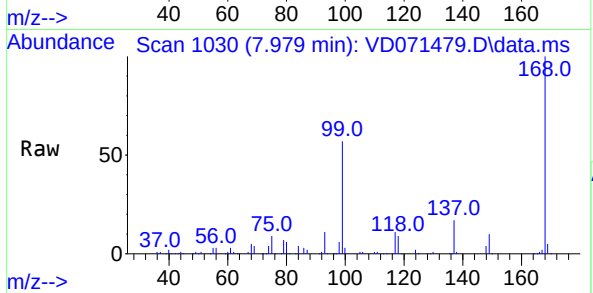
Quant Time: Dec 27 16:46:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration



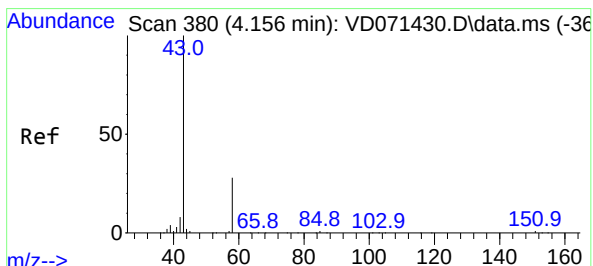
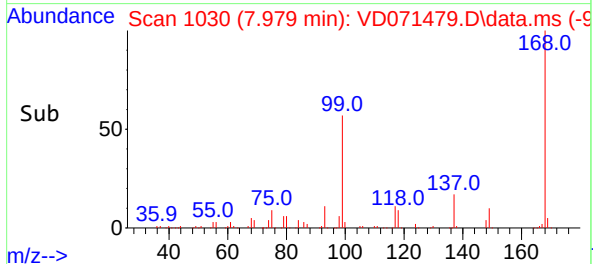
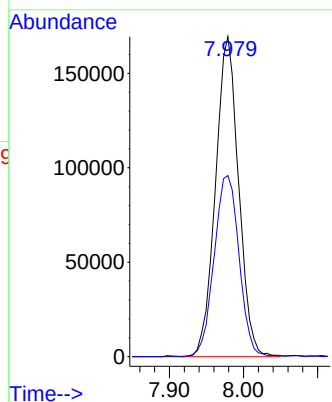


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :

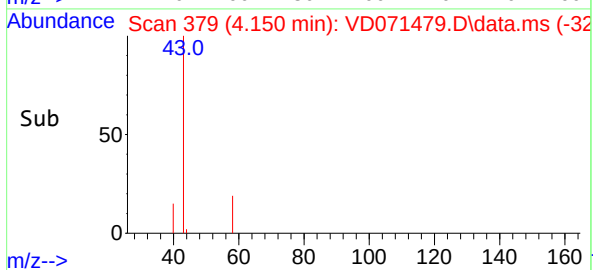
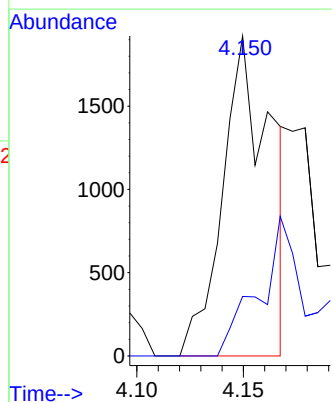
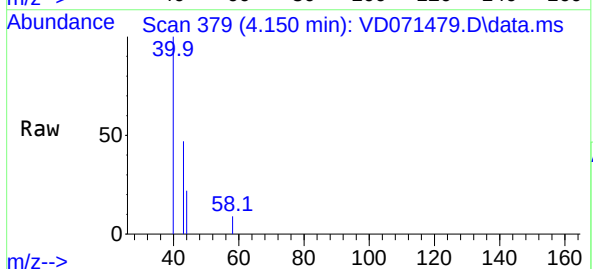


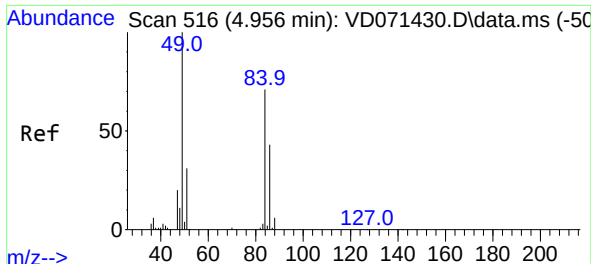
Tgt Ion:168 Resp: 366919
Ion Ratio Lower Upper
168 100
99 56.5 46.6 69.8



#16
Acetone
Concen: 2.460 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

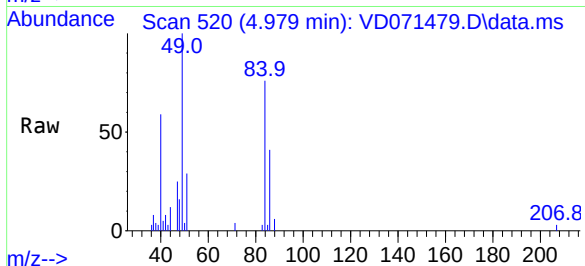
Tgt Ion: 43 Resp: 3011
Ion Ratio Lower Upper
43 100
58 18.6 27.8 41.8#





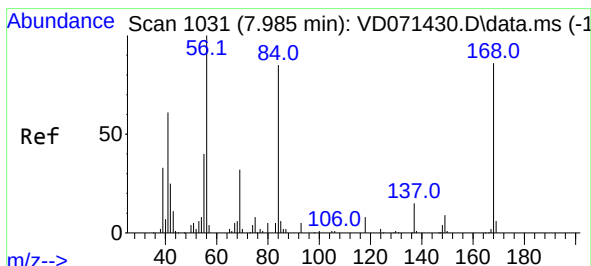
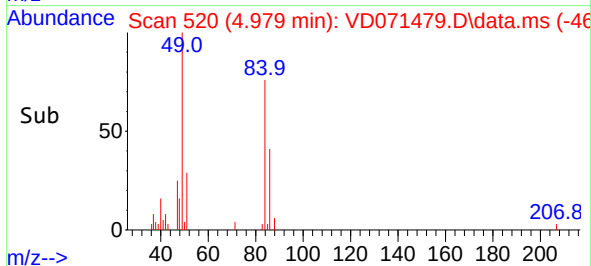
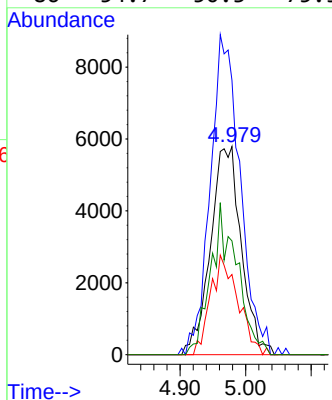
#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 18900

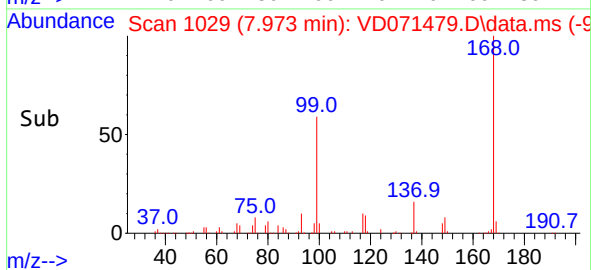
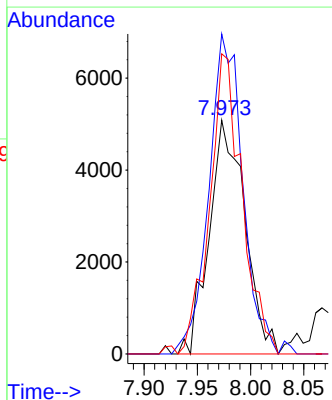
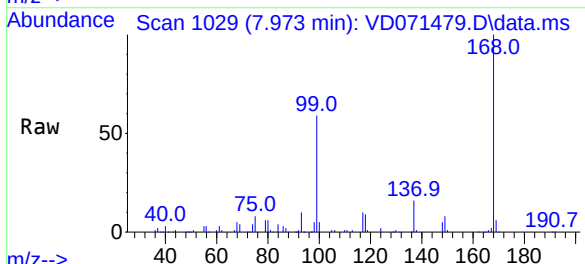
Ion	Ratio	Lower	Upper
84	100		
49	131.8	95.8	143.6
51	38.5	30.9	46.3
86	54.7	50.3	75.5

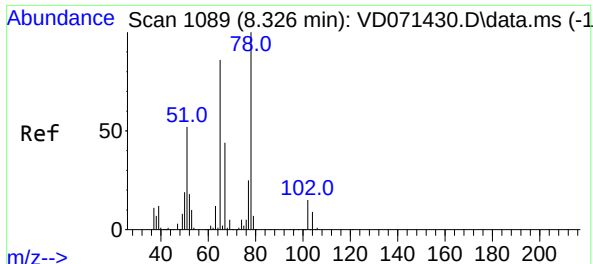


#31
Cyclohexane
Concen: 1.426 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion: 56 Resp: 11806

Ion	Ratio	Lower	Upper
56	100		
69	136.9	25.9	38.9#
84	128.4	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 49.902 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071479.D

Acq: 27 Dec 2021 11:40

Instrument :

MSVOA_D

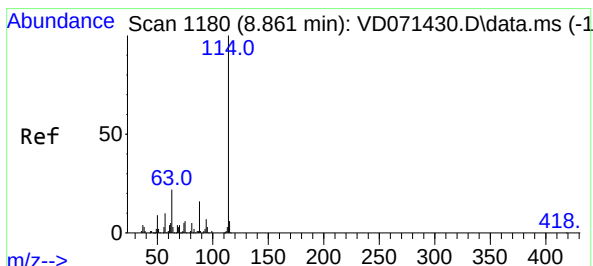
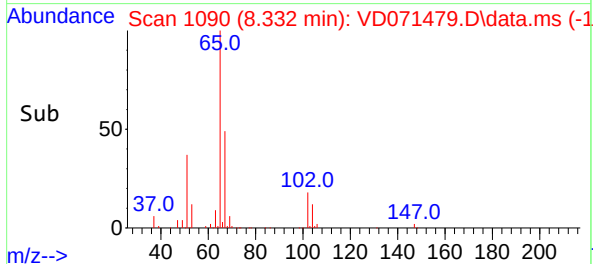
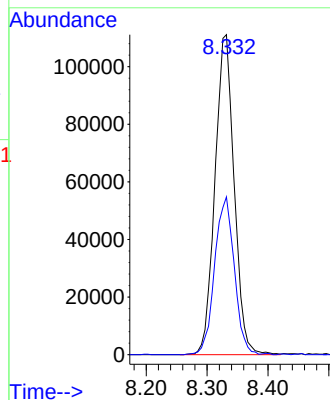
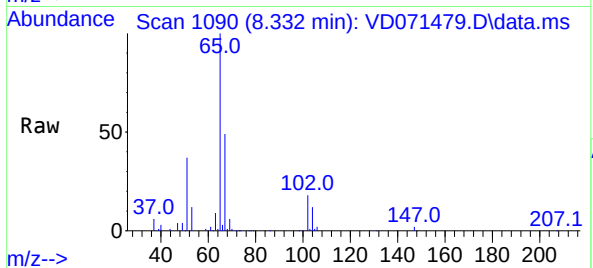
ClientSampleId :

Tgt Ion: 65 Resp: 243171

Ion Ratio Lower Upper

65 100

67 50.5 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: VD071479.D

Acq: 27 Dec 2021 11:40

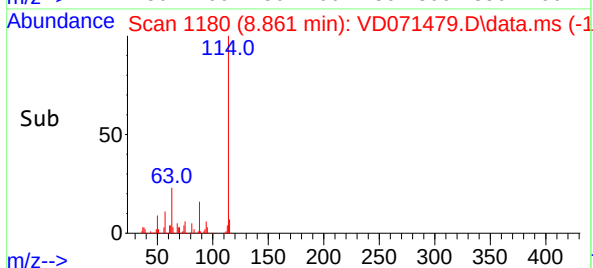
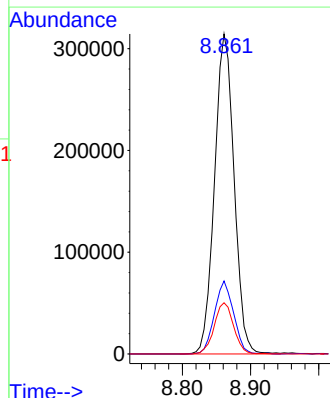
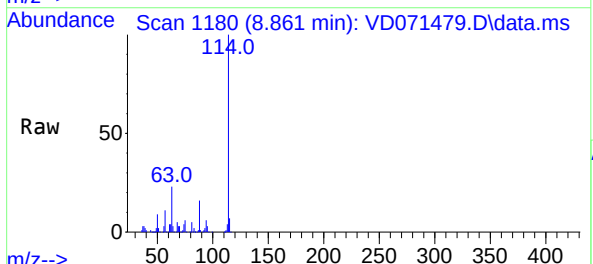
Tgt Ion:114 Resp: 628672

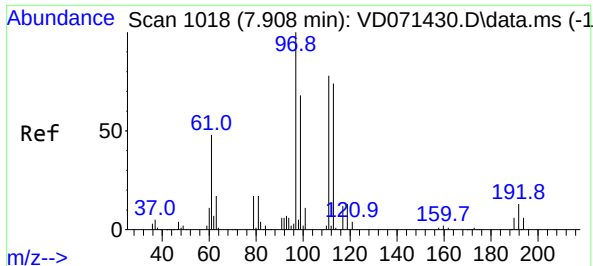
Ion Ratio Lower Upper

114 100

63 22.8 0.0 41.8

88 16.0 0.0 32.8

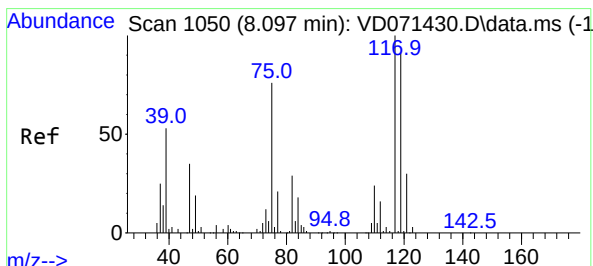
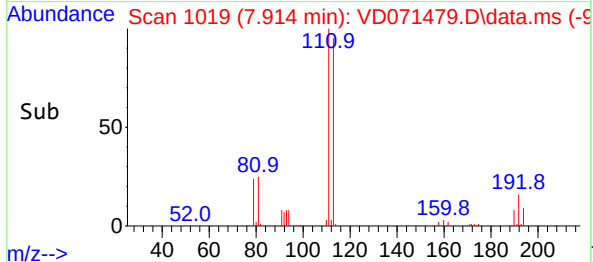
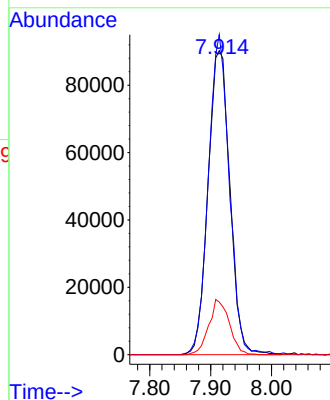
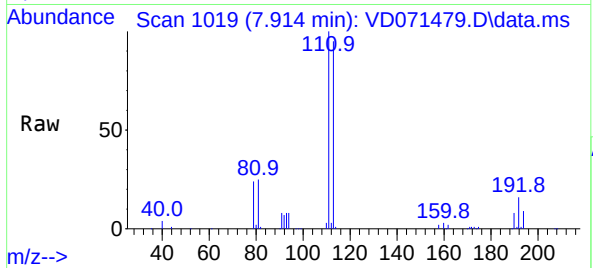




#35
Dibromofluoromethane
Concen: 53.230 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

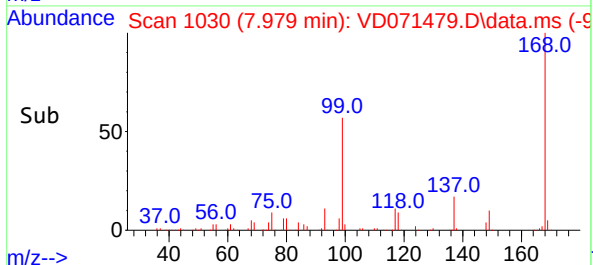
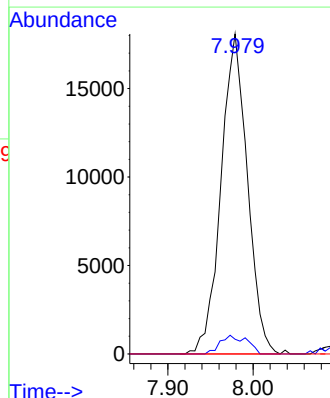
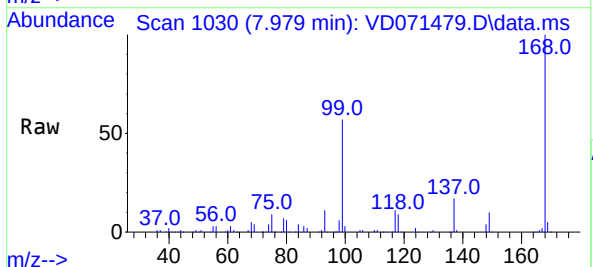
Instrument :
MSVOA_D
ClientSampleId :

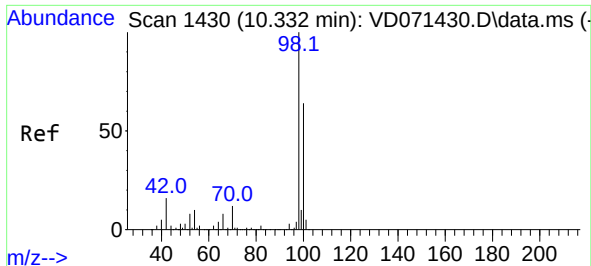
Tgt Ion:113 Resp: 224907
Ion Ratio Lower Upper
113 100
111 100.9 82.0 123.0
192 17.0 15.2 22.8



#38
Carbon Tetrachloride
Concen: 5.844 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion:117 Resp: 38922
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 23.6 35.4#

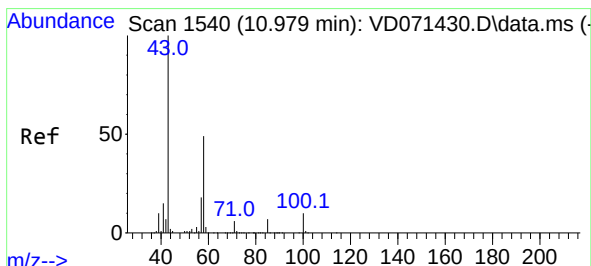
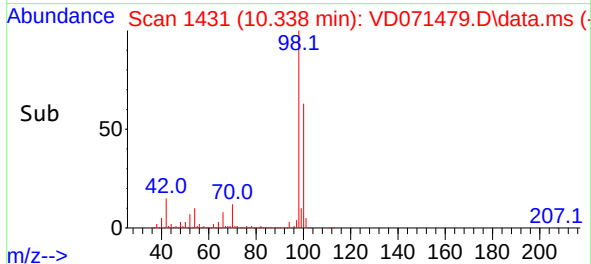
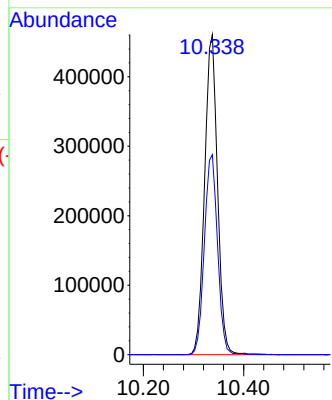
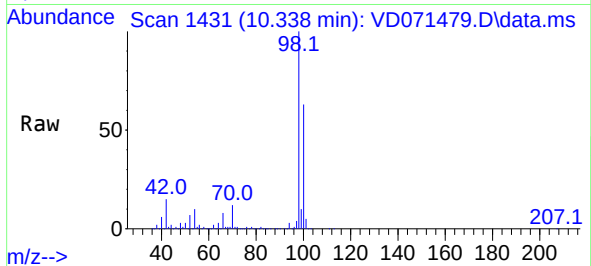




#50
Toluene-d8
Concen: 51.572 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

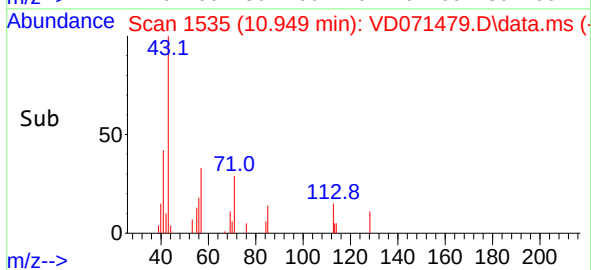
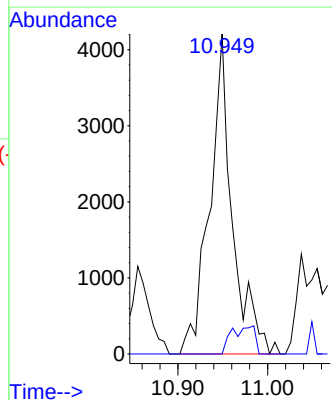
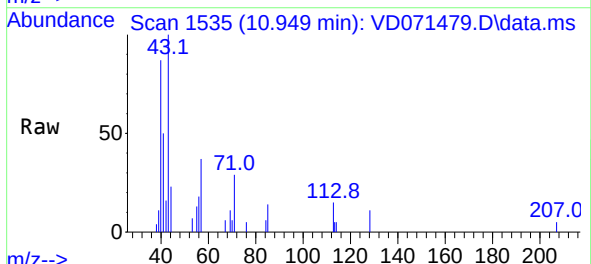
Instrument :
MSVOA_D
ClientSampleId :

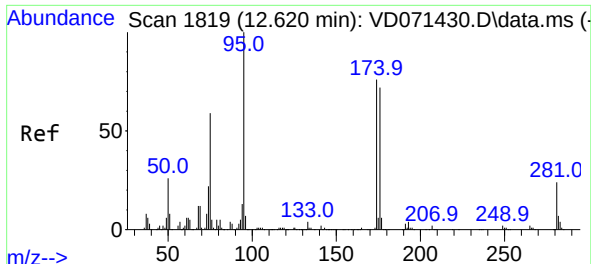
Tgt Ion: 98 Resp: 823453
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#59
2-Hexanone
Concen: 3.220 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.030 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

Tgt Ion: 43 Resp: 7406
Ion Ratio Lower Upper
43 100
58 0.0 28.7 86.1#

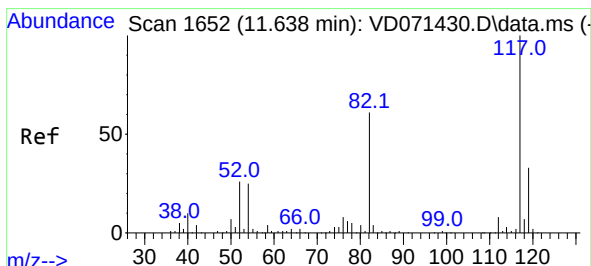
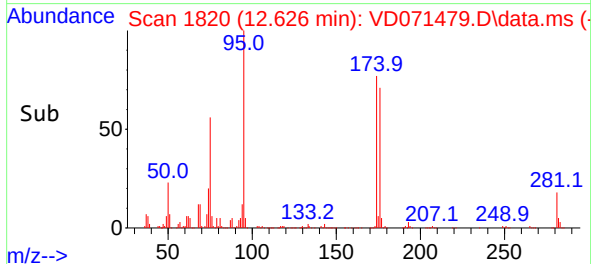
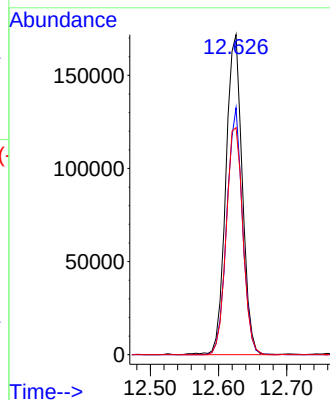
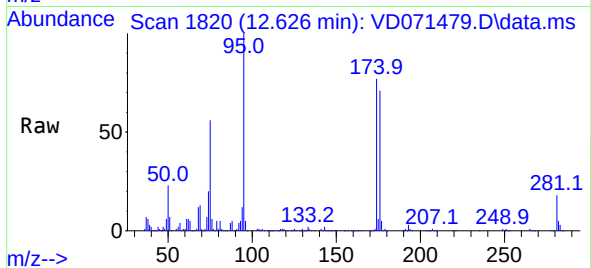




#62
4-Bromofluorobenzene
Concen: 50.666 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

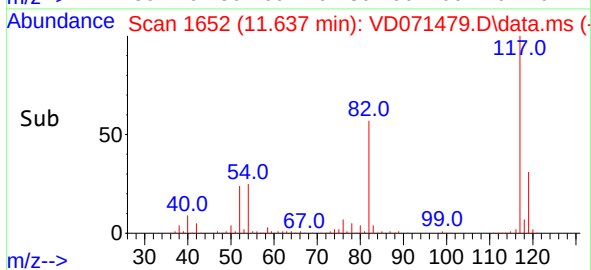
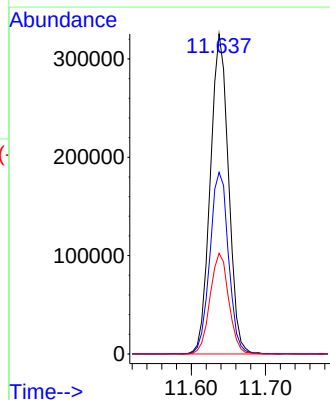
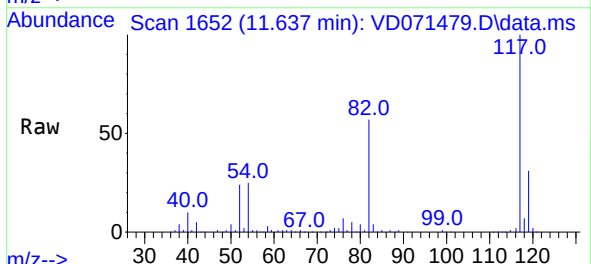
Instrument :
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ClientSampleId :

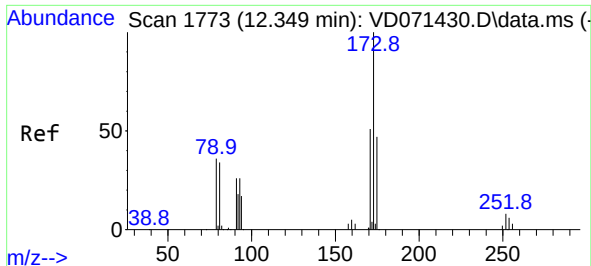
Tgt Ion: 95 Resp: 287471
Ion Ratio Lower Upper
95 100
174 73.5 0.0 159.4
176 72.1 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

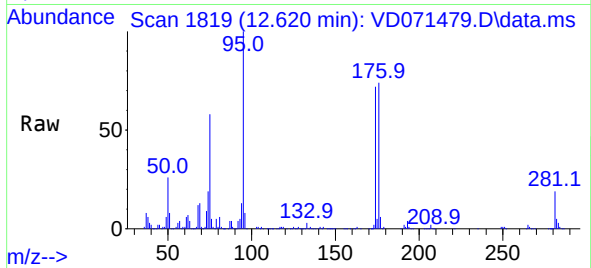
Tgt Ion: 117 Resp: 555013
Ion Ratio Lower Upper
117 100
82 56.8 44.7 67.1
119 31.5 26.2 39.4



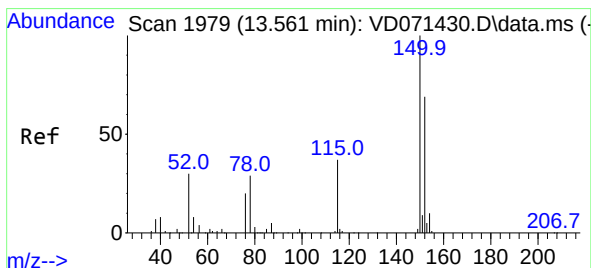
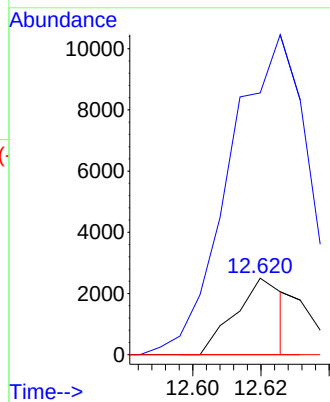
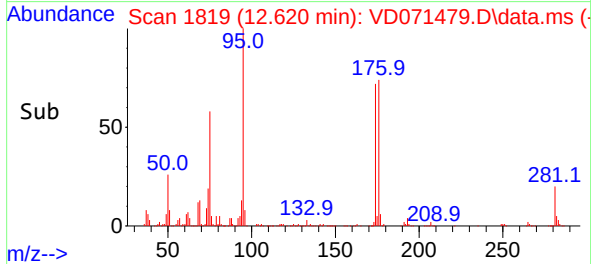


#71
Bromoform
Concen: 1.087 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.271 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

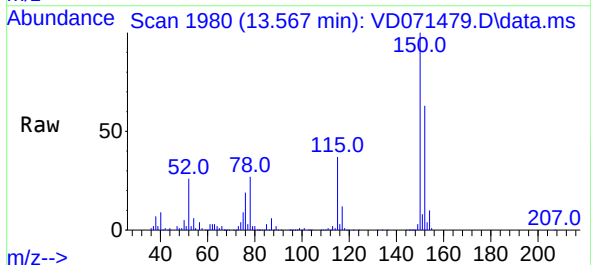
Instrument :
MSVOA_D
ClientSampleId :



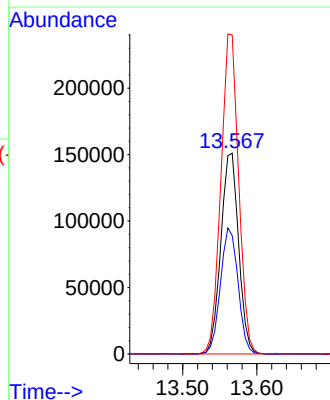
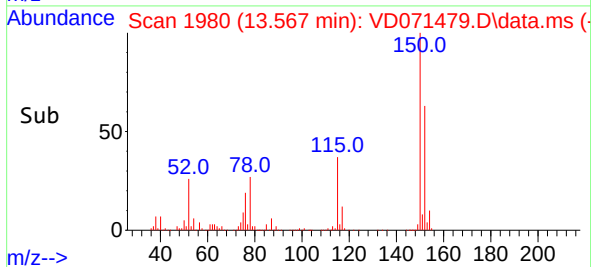
Tgt Ion:173 Resp: 2446
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.2#
254 0.0 0.1 0.1#

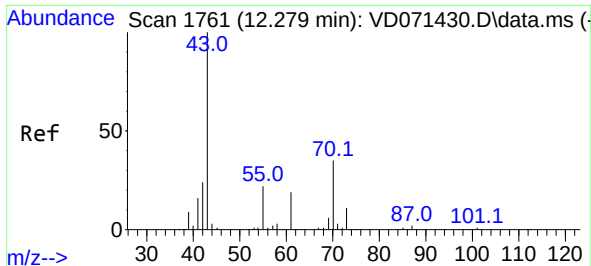


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40



Tgt Ion:152 Resp: 252085
Ion Ratio Lower Upper
152 100
115 62.0 29.8 89.3
150 158.8 0.0 349.2

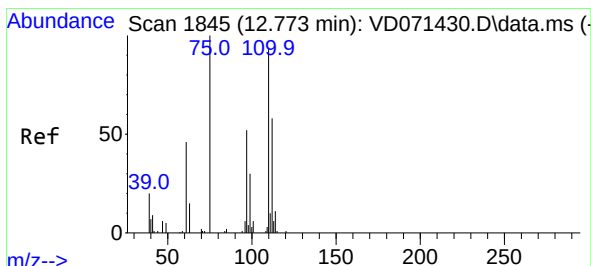
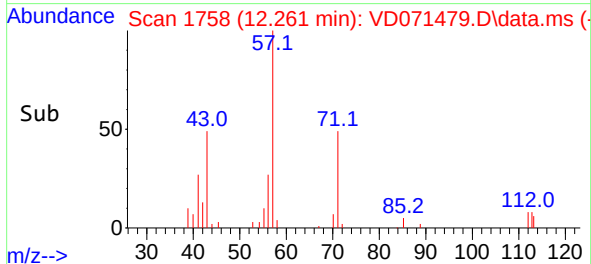
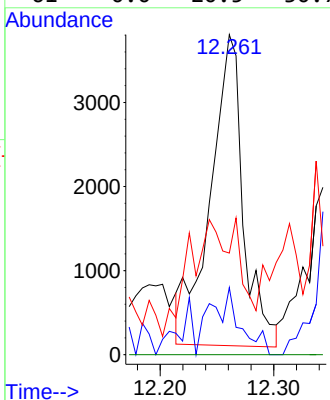
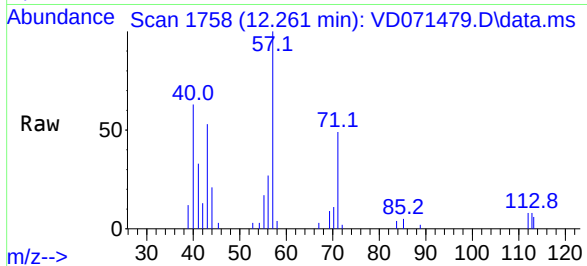




#74
N-amy1 acetate
Concen: 1.429 ug/l
RT: 12.261 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

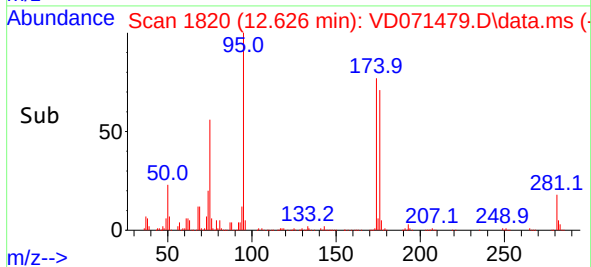
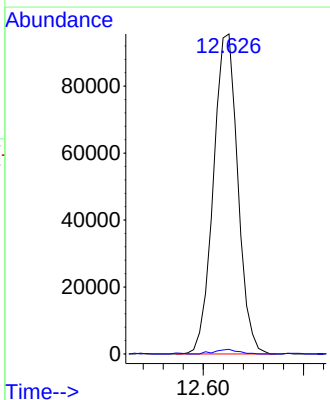
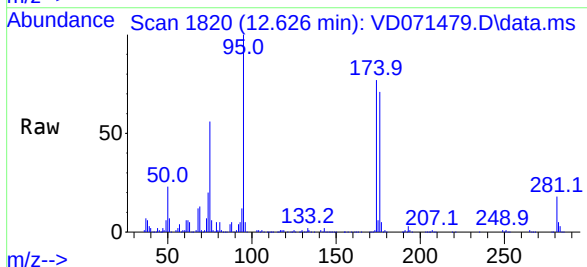
Instrument :
MSVOA_D
ClientSampleId :

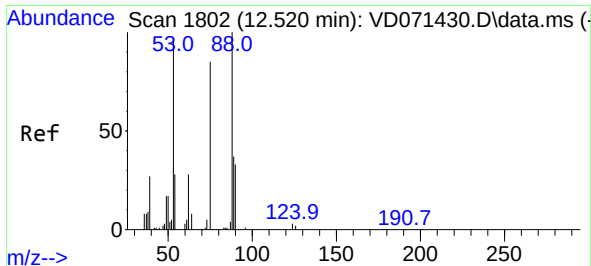
Tgt Ion: 43 Resp: 7452
Ion Ratio Lower Upper
43 100
70 0.0 36.6 55.0#
55 60.9 22.5 33.7#
61 0.0 20.5 30.7#



#76
1,2,3-Trichloropropane
Concen: 53.878 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD071479.D
Acq: 27 Dec 2021 11:40

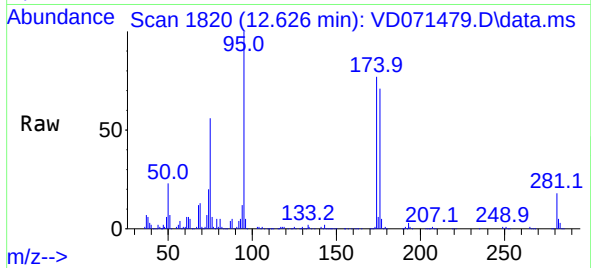
Tgt Ion: 75 Resp: 161378
Ion Ratio Lower Upper
75 100
77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.235 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071479.D
 Acq: 27 Dec 2021 11:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 161378
 Ion Ratio Lower Upper
 75 100
 53 0.2 62.6 94.0#
 89 0.4 34.5 51.7#

