

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071578.D
 Acq On : 03 Jan 2022 20:54
 Operator : VA/SY
 Sample : M5196-12
 Misc : 7.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 04 00:51:52 2022
 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)

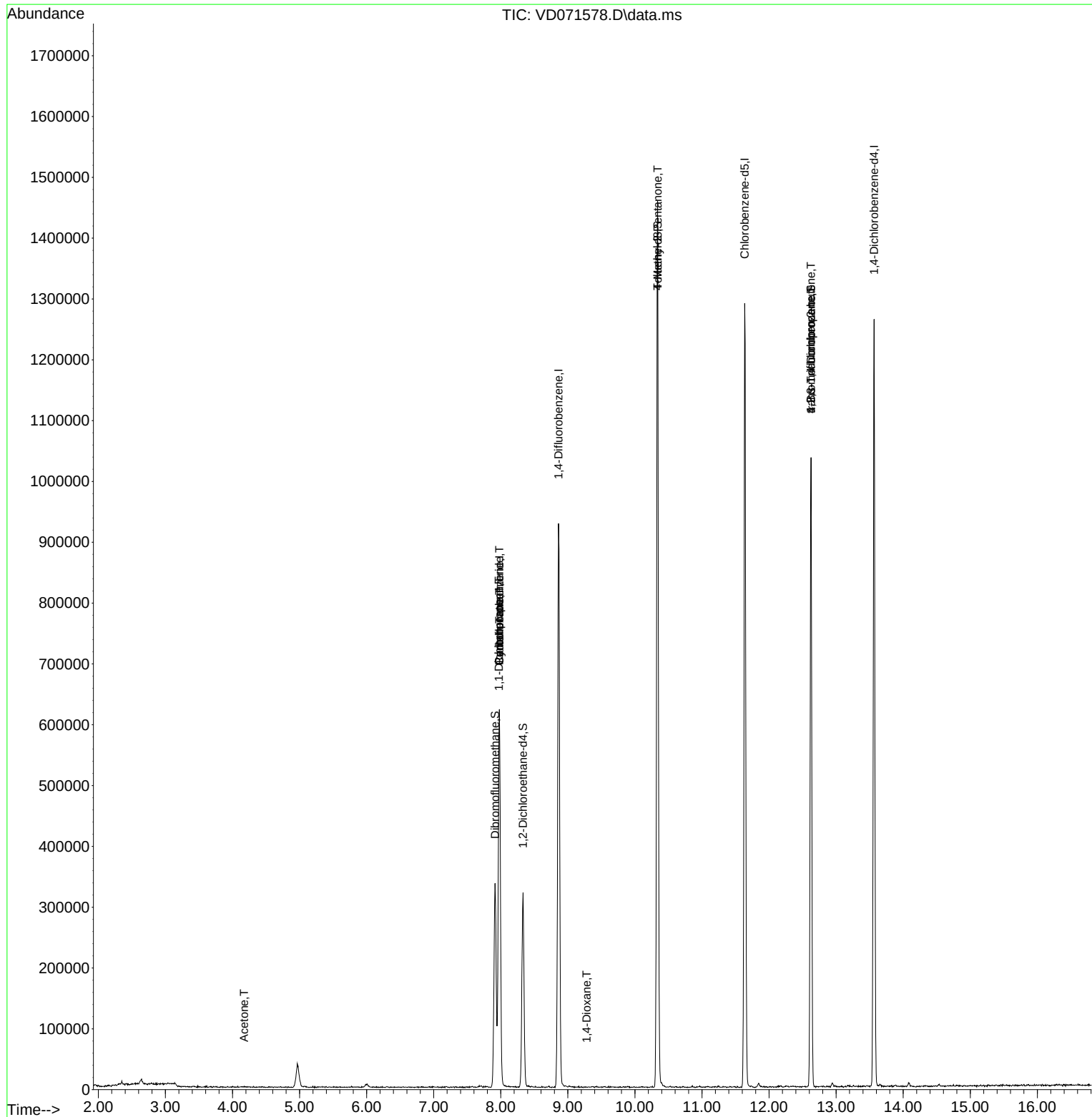
Internal Standards						
1) Pentafluorobenzene	7.979	168	428197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	743909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	670011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	299086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	248899	43.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.540%		
35) Dibromofluoromethane	7.914	113	230585	46.120	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.240%		
50) Toluene-d8	10.338	98	933915	49.430	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.626	95	303923	45.268	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.540%		
Target Compounds						
11) Tert butyl alcohol	5.203	59	67	Below Cal	#	71
16) Acetone	4.173	43	1514	1.060	ug/l #	40
20) Methylene Chloride	4.973	84	26133	Below Cal	#	92
31) Cyclohexane	7.979	56	11601	1.201	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	41015	5.135	ug/l #	49
38) Carbon Tetrachloride	7.979	117	46192	5.862	ug/l #	15
49) 1,4-Dioxane	9.279	88	73	2.099	ug/l #	23
51) 4-Methyl-2-Pentanone	10.338	43	5646	1.466	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	177731	50.013	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	177731	141.314	ug/l #	18

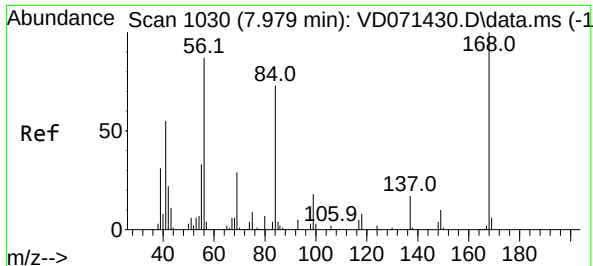
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 04 00:51:52 2022
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Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

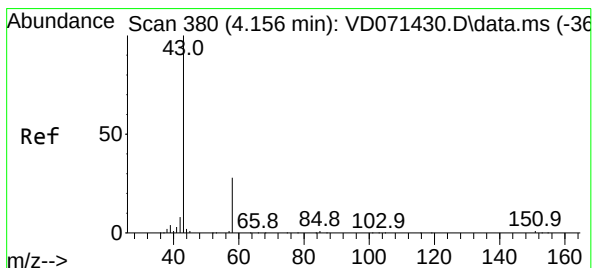
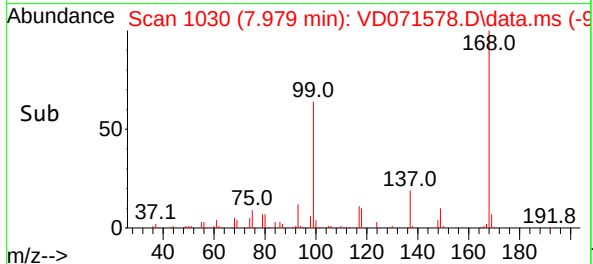
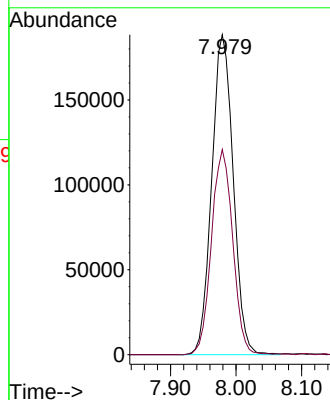
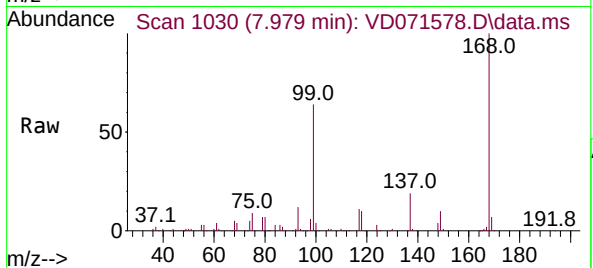




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

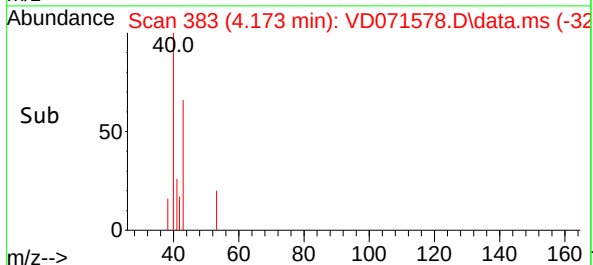
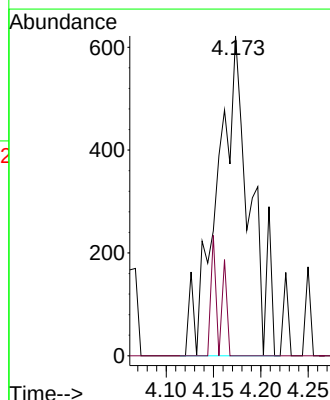
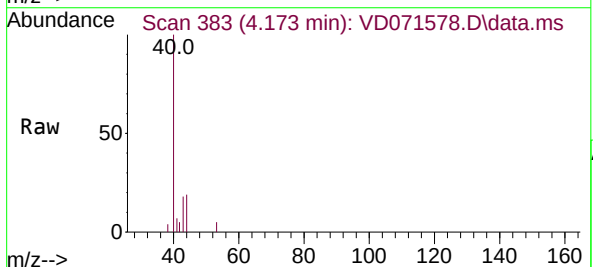
Instrument :
MSVOA_D
ClientSampleId :

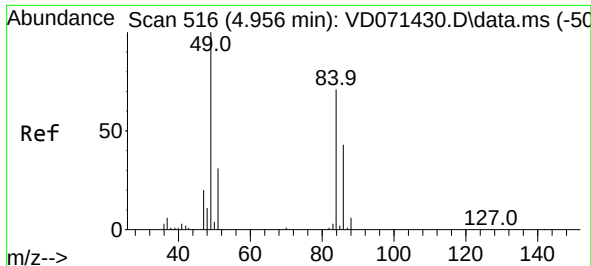
Tgt Ion:168 Resp: 428197
Ion Ratio Lower Upper
168 100
99 64.1 46.6 69.8



#16
Acetone
Concen: 1.060 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

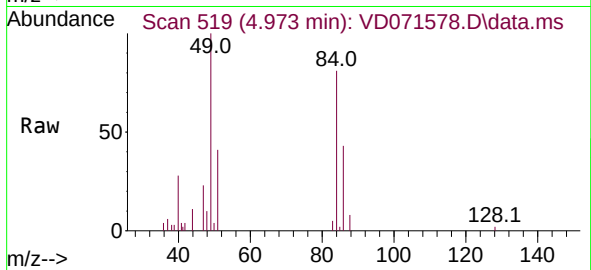
Tgt Ion: 43 Resp: 1514
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



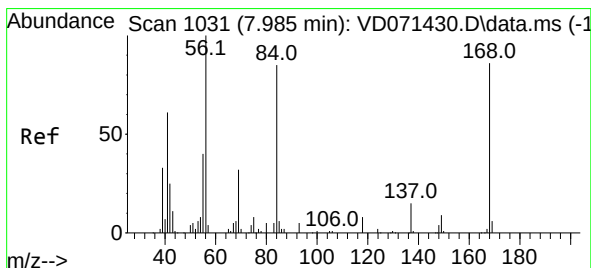
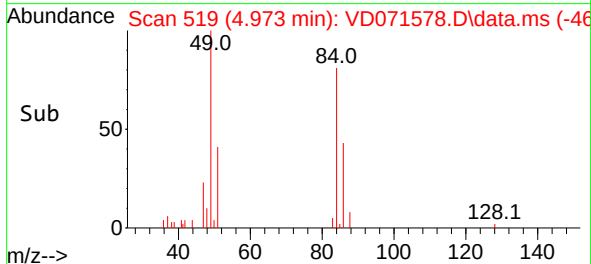
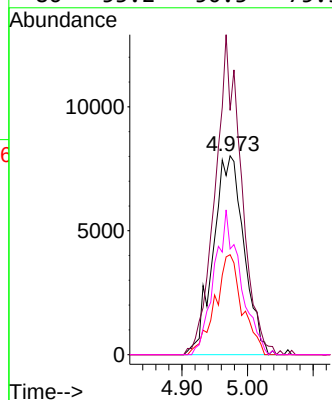


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 516
Delta R.T. 0.012 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

Instrument :
MSVOA_D
ClientSampleId :

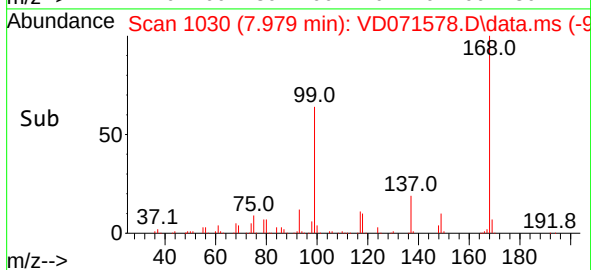
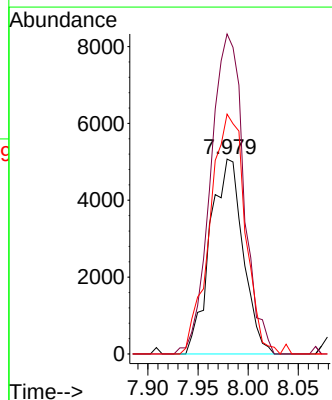
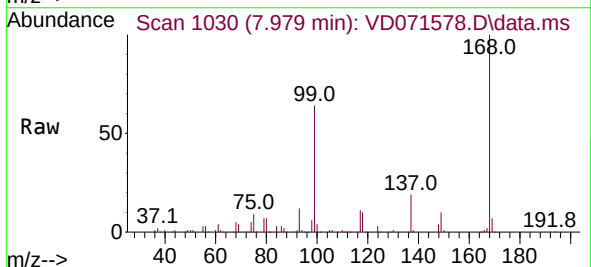


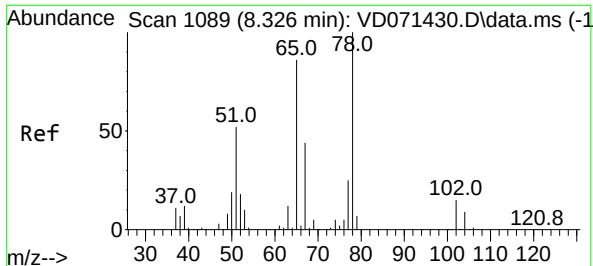
Tgt Ion:	84	Resp:	26133
Ion	Ratio	Lower	Upper
84	100		
49	122.9	95.8	143.6
51	50.3	30.9	46.3#
86	53.2	50.3	75.5



#31
Cyclohexane
Concen: 1.201 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

Tgt Ion:	56	Resp:	11601
Ion	Ratio	Lower	Upper
56	100		
69	164.3	25.9	38.9#
84	123.1	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 43.768 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD071578.D

Acq: 03 Jan 2022 20:54

Instrument :

MSVOA_D

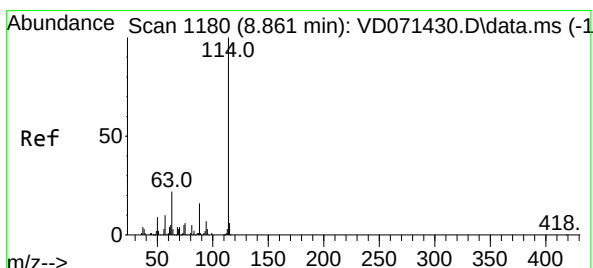
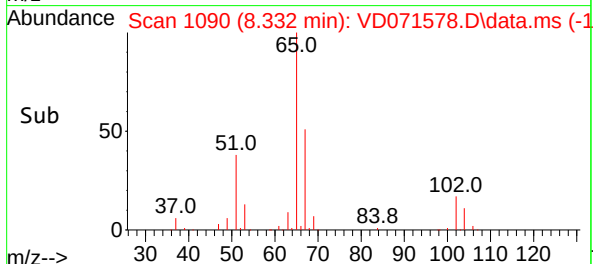
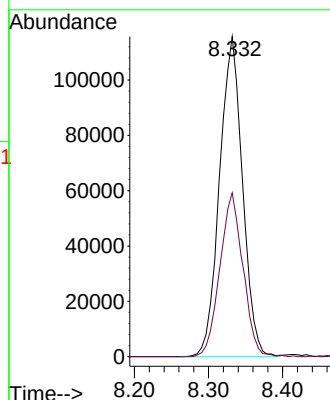
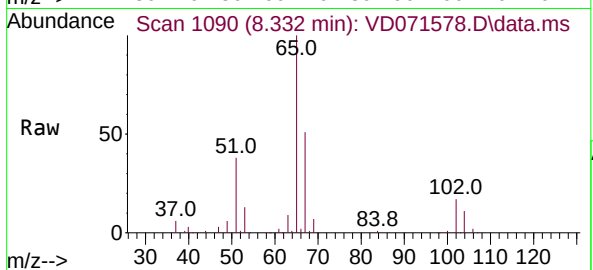
ClientSampleId :

Tgt Ion: 65 Resp: 248899

Ion Ratio Lower Upper

65 100

67 51.4 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: VD071578.D

Acq: 03 Jan 2022 20:54

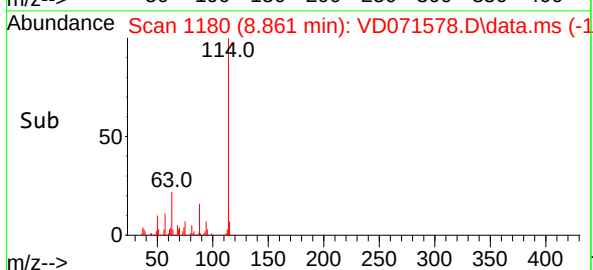
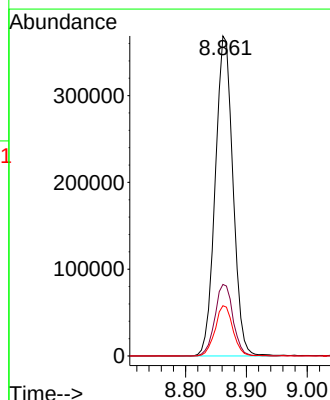
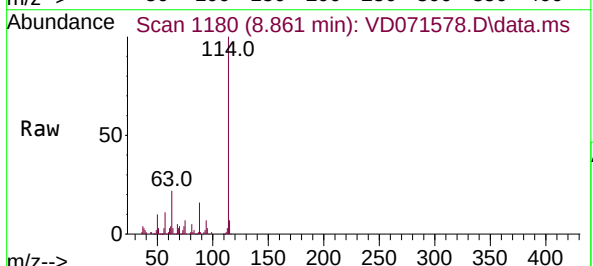
Tgt Ion: 114 Resp: 743909

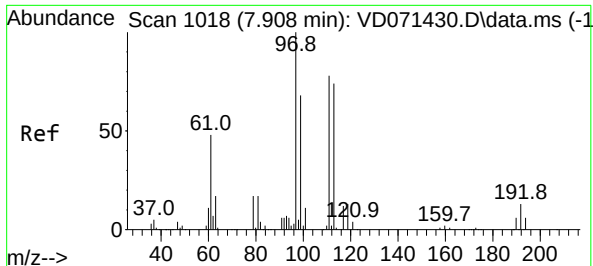
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.120 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

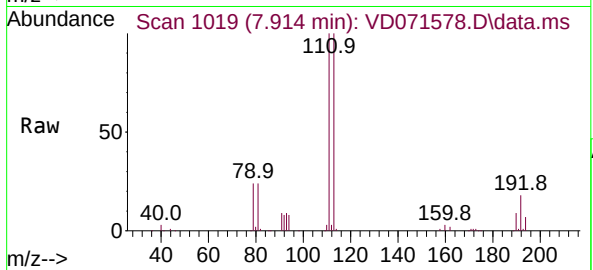
Lab File: VD071578.D

Acq: 03 Jan 2022 20:54

Instrument :

MSVOA_D

ClientSampleId :



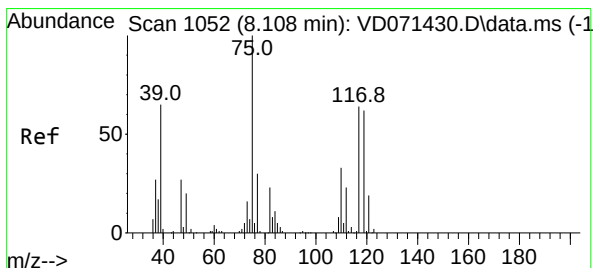
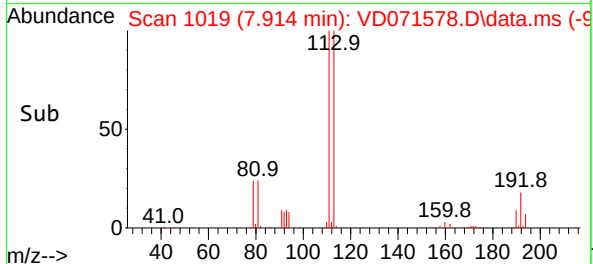
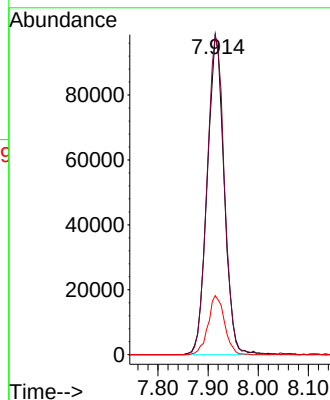
Tgt Ion:113 Resp: 230585

Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 5.135 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD071578.D

Acq: 03 Jan 2022 20:54

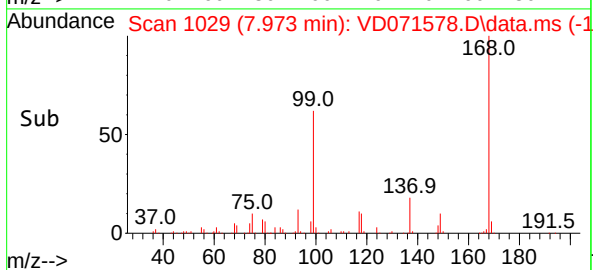
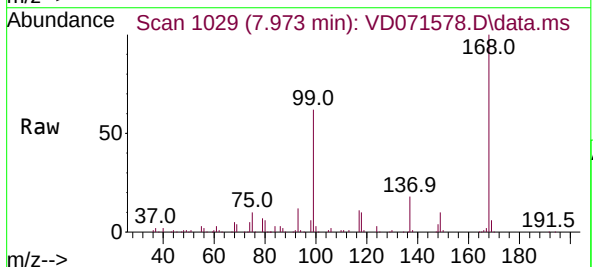
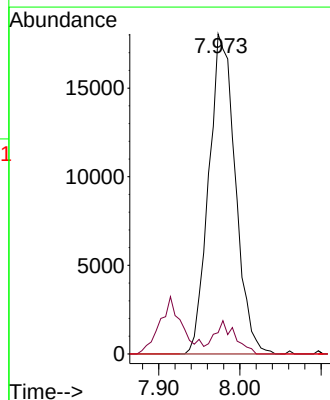
Tgt Ion: 75 Resp: 41015

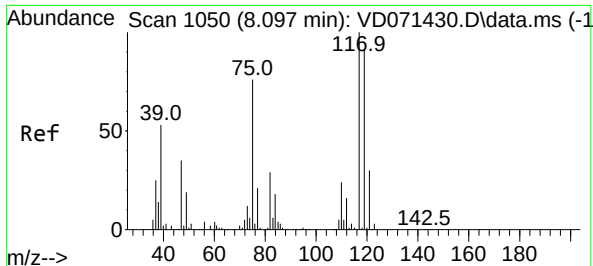
Ion Ratio Lower Upper

75 100

110 8.0 17.8 53.4#

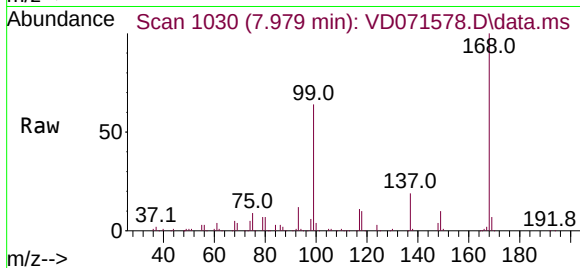
77 0.0 24.8 37.2#



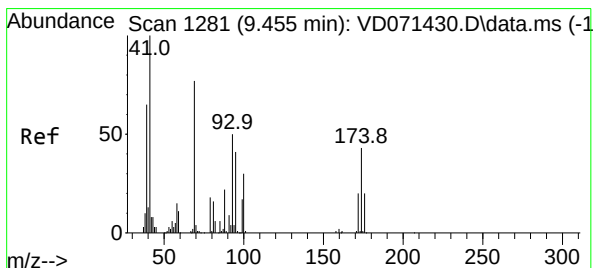
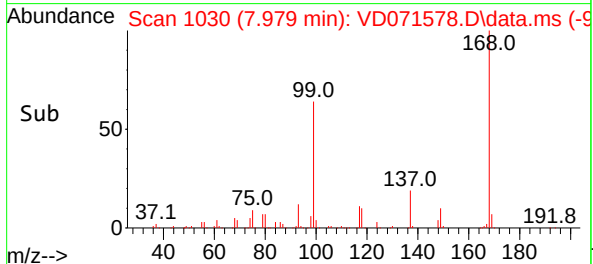
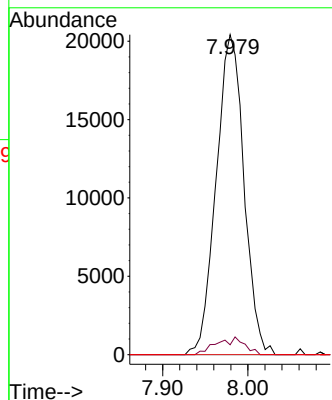


#38
Carbon Tetrachloride
Concen: 5.862 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

Instrument :
MSVOA_D
ClientSampleId :

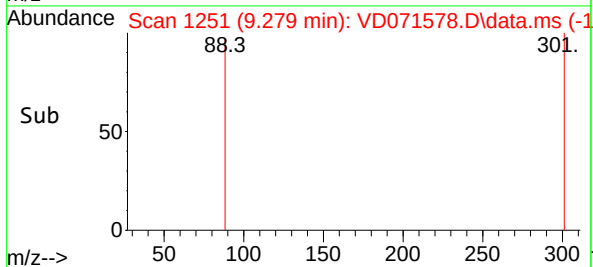
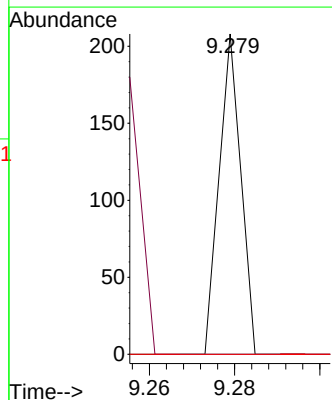
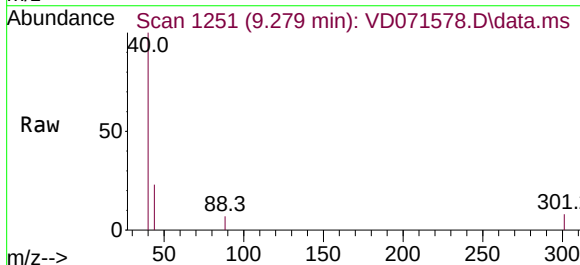


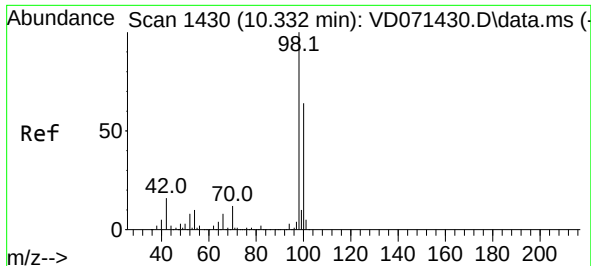
Tgt Ion:117 Resp: 46192
Ion Ratio Lower Upper
117 100
119 3.1 75.8 113.6#
121 0.0 23.6 35.4#



#49
1,4-Dioxane
Concen: 2.099 ug/l
RT: 9.279 min Scan# 1251
Delta R.T. -0.176 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 28.9 43.3#
58 0.0 56.3 84.5#

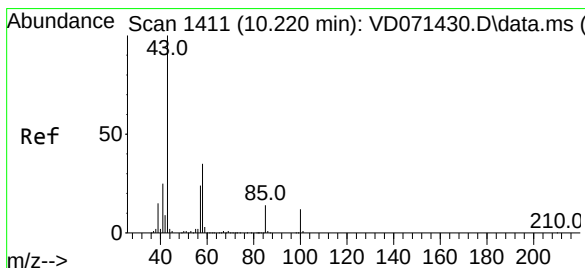
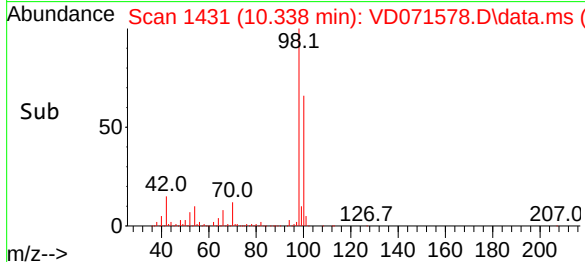
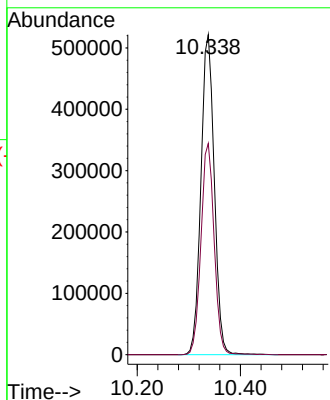
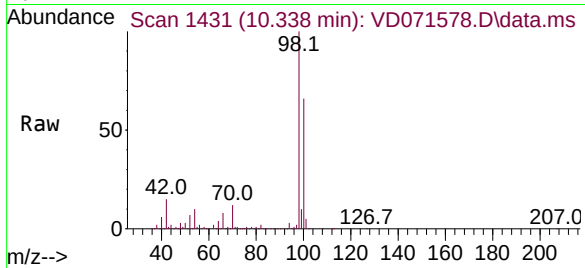




#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

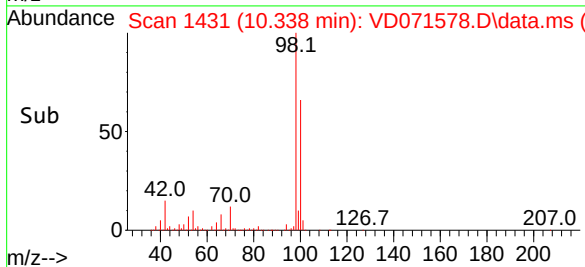
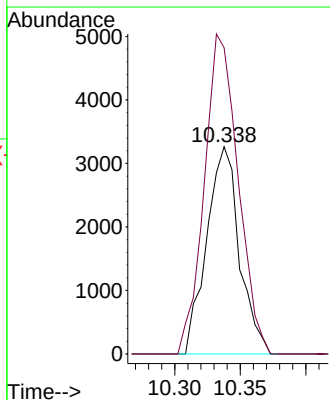
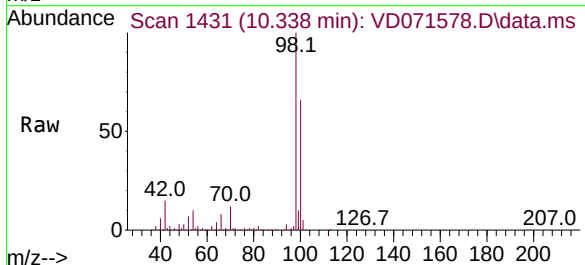
Instrument :
MSVOA_D
ClientSampleId :

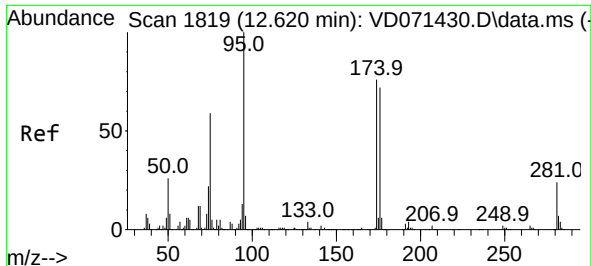
Tgt Ion: 98 Resp: 933915
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.466 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

Tgt Ion: 43 Resp: 5646
Ion Ratio Lower Upper
43 100
58 160.2 33.1 49.7#

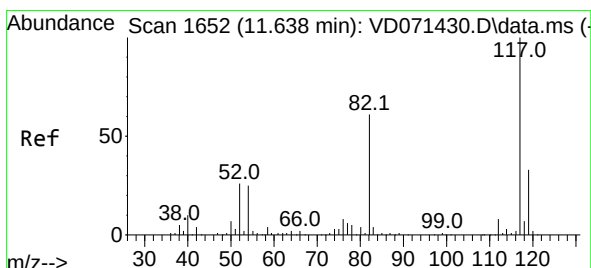
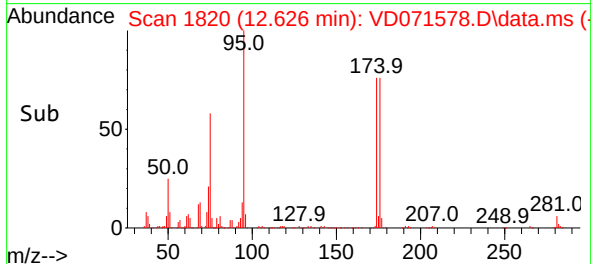
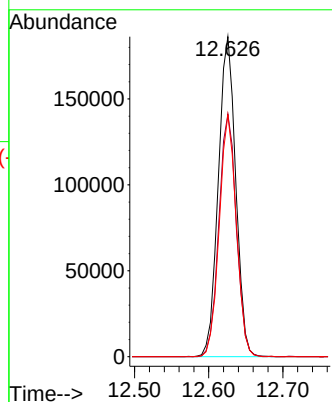
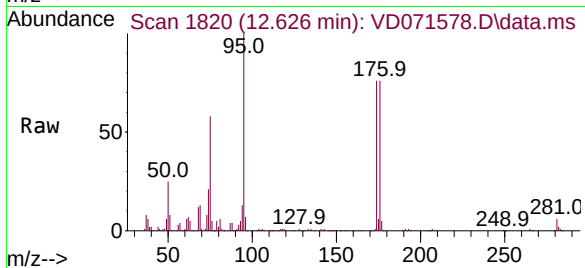




#62
4-Bromofluorobenzene
Concen: 45.268 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

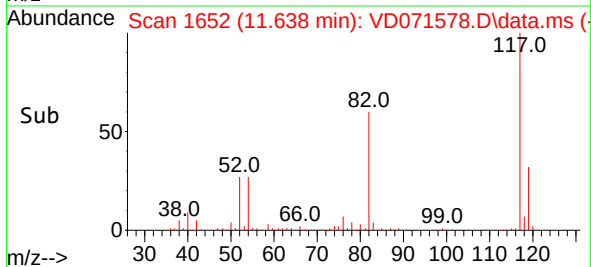
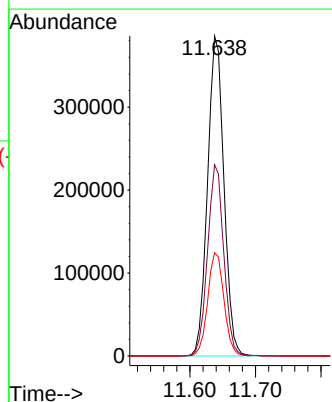
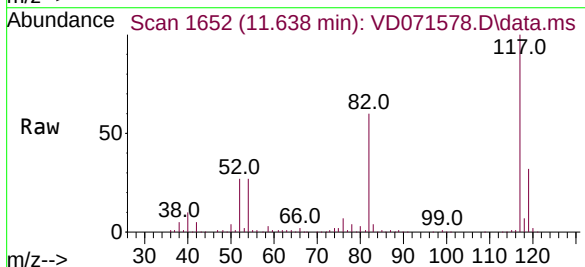
Instrument :
MSVOA_D
ClientSampleId :

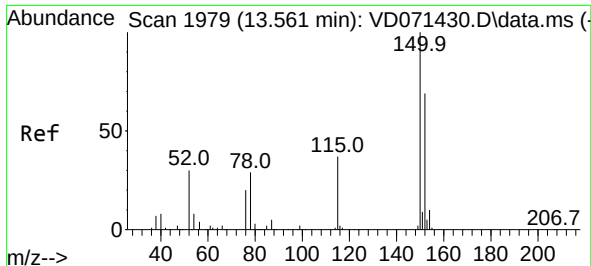
Tgt Ion: 95 Resp: 303923
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 73.7 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071578.D
Acq: 03 Jan 2022 20:54

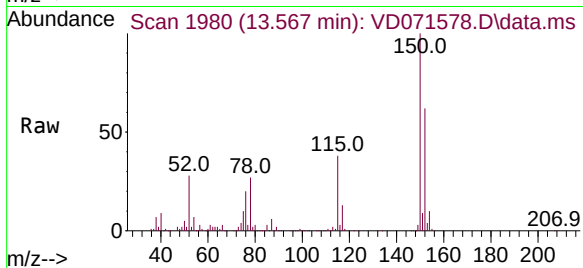
Tgt Ion: 117 Resp: 670011
Ion Ratio Lower Upper
117 100
82 59.7 44.7 67.1
119 32.3 26.2 39.4



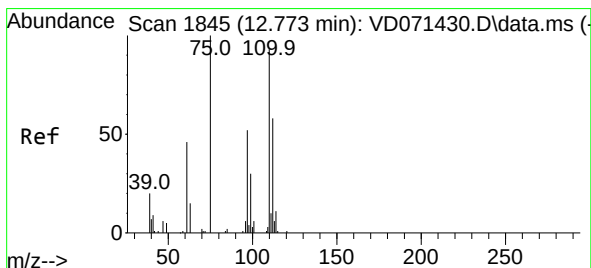
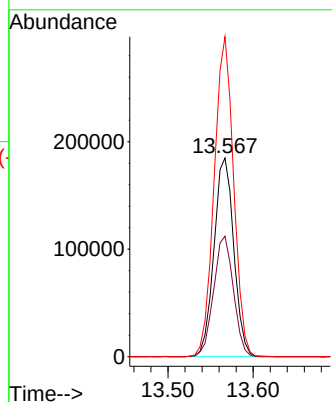
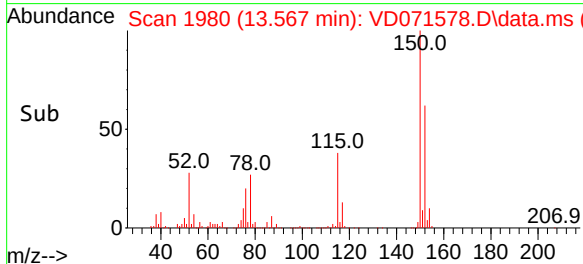


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1979
 Delta R.T. 0.006 min
 Lab File: VD071578.D
 Acq: 03 Jan 2022 20:54

Instrument :
 MSVOA_D
 ClientSampleId :

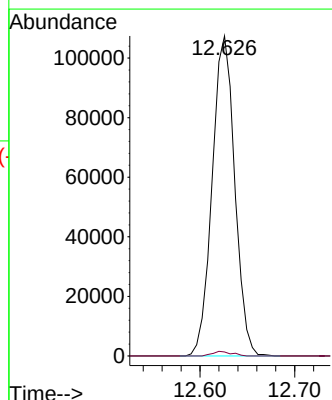
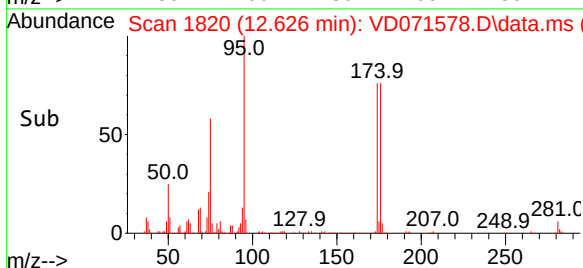
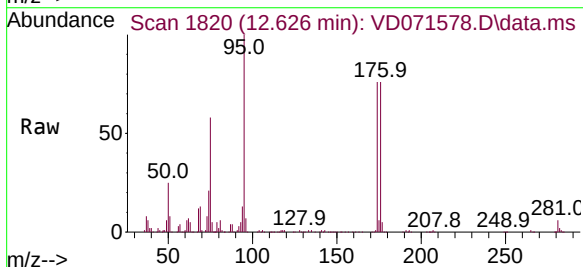


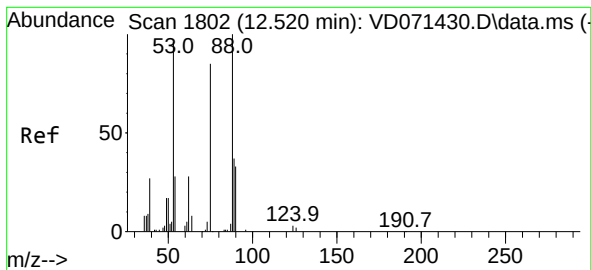
Tgt Ion:152 Resp: 299086
 Ion Ratio Lower Upper
 152 100
 115 60.6 29.8 89.3
 150 158.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 50.013 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD071578.D
 Acq: 03 Jan 2022 20:54

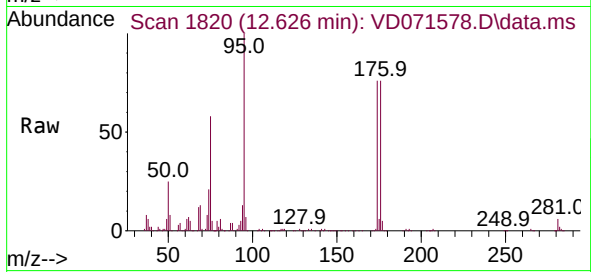
Tgt Ion: 75 Resp: 177731
 Ion Ratio Lower Upper
 75 100
 77 1.2 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.314 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD071578.D
 Acq: 03 Jan 2022 20:54

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 177731
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.3 34.5 51.7#

