

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041521\
 Data File : VD068848.D
 Acq On : 15 Apr 2021 11:19
 Operator : VA/SY
 Sample : VD0415SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 16 01:05:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	195177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	372415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	396112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	205854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	93167	45.17	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.34%
35) Dibromofluoromethane	7.914	113	111439	46.00	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.00%
50) Toluene-d8	10.338	98	471903	51.64	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.28%
62) 4-Bromofluorobenzene	12.632	95	178693	58.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.76%

Target Compounds

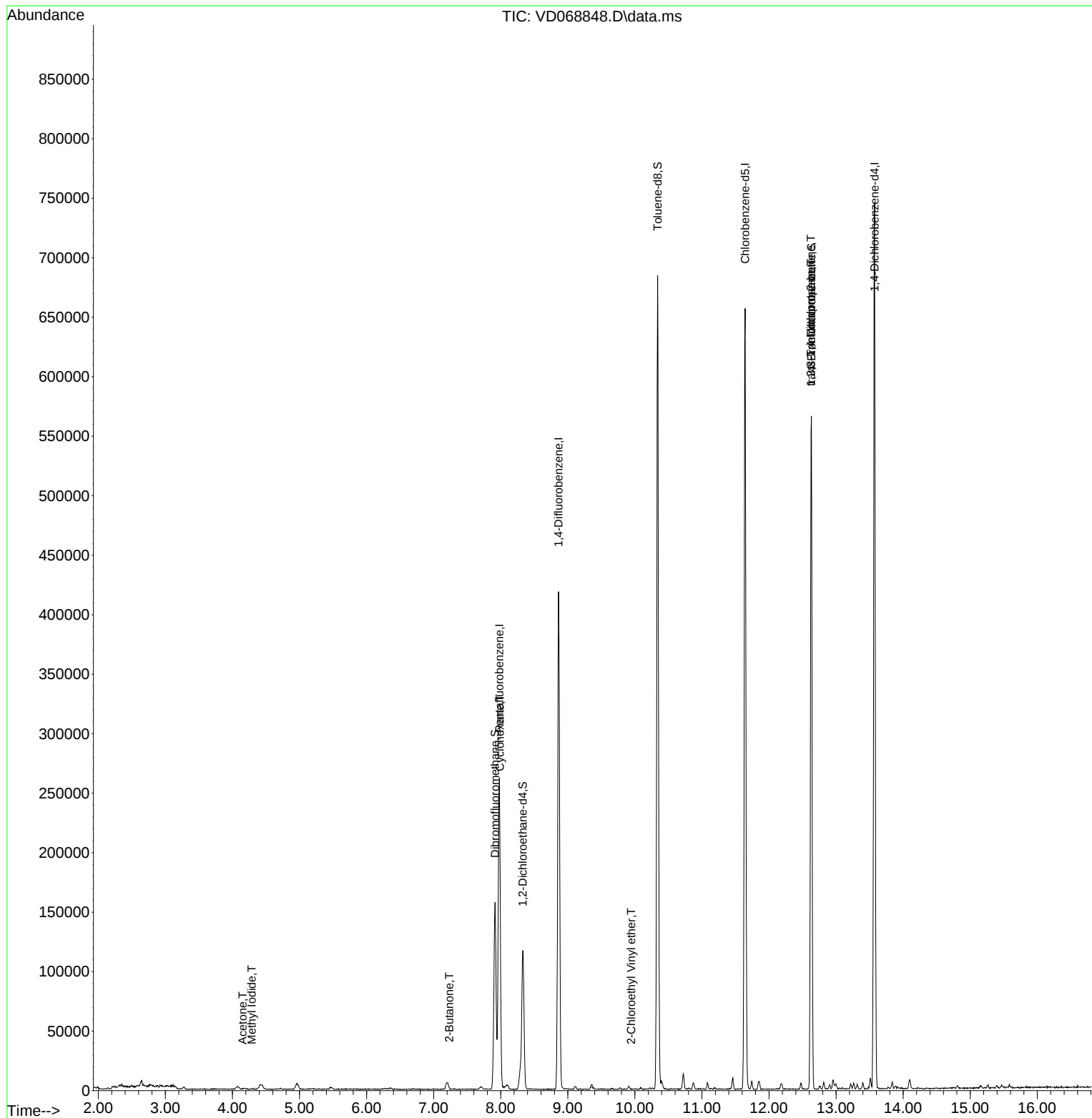
						Qvalue
10) Methyl Iodide	4.285	142	713	2.53	ug/l #	41
11) Tert butyl alcohol	5.215	59	101	Below	Cal #	73
16) Acetone	4.150	43	1412	4.94	ug/l #	86
20) Methylene Chloride	4.968	84	4164	Below	Cal	94
25) 2-Butanone	7.232	43	436	1.08	ug/l #	39
31) Cyclohexane	7.985	56	5354	1.56	ug/l #	29
58) 2-Chloroethyl Vinyl ether	9.944	63	101	17.07	ug/l #	44
76) 1,2,3-Trichloropropane	12.626	75	89250	47.46	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	89250	110.14	ug/l #	16

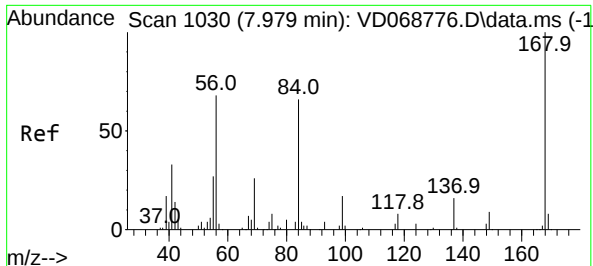
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

Quant Time: Apr 16 01:05:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

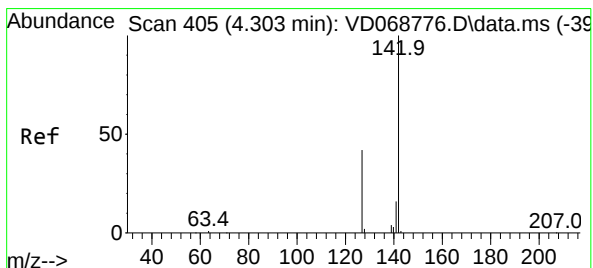
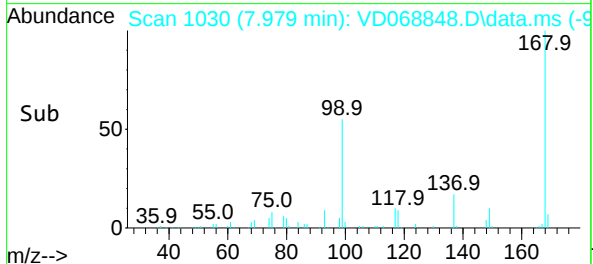
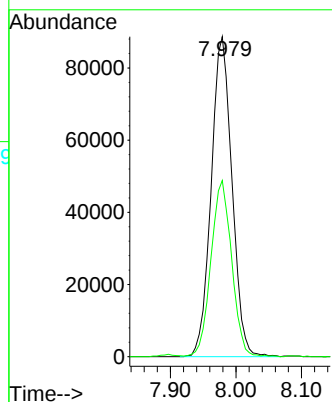
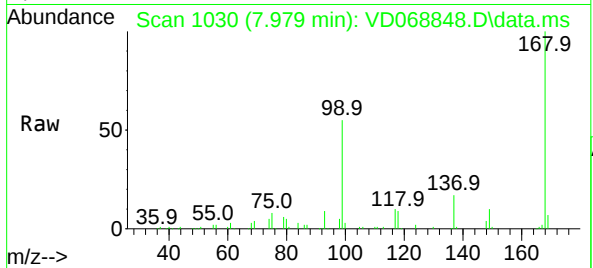




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

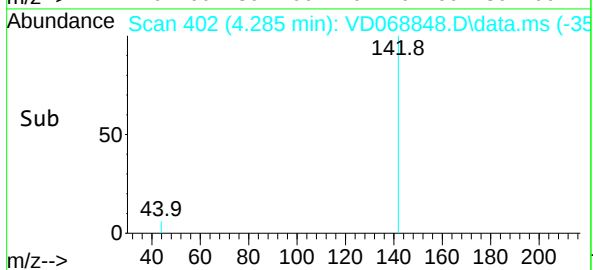
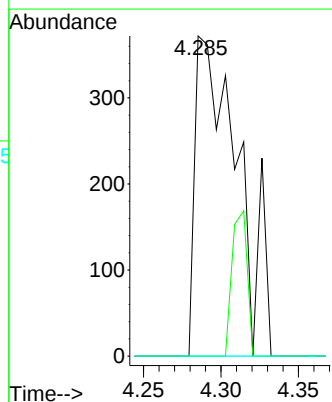
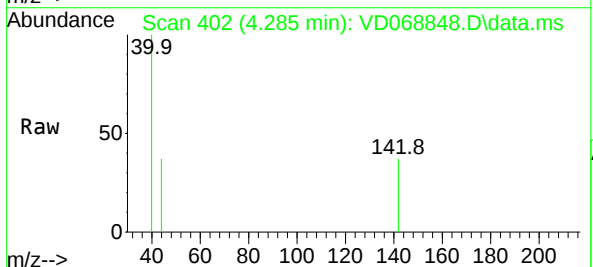
Instrument :
MSVOA_D
ClientSampled :

Tgt Ion:168 Resp: 195177
Ion Ratio Lower Upper
168 100
99 55.1 46.2 69.2



#10
Methyl Iodide
Concen: 2.53 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Tgt Ion:142 Resp: 713
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



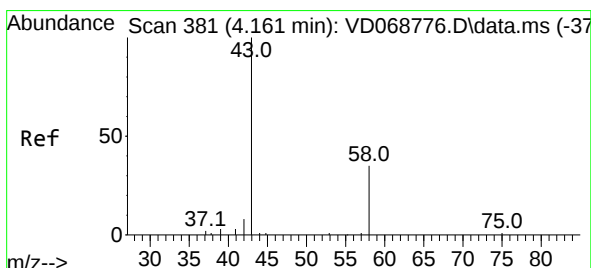
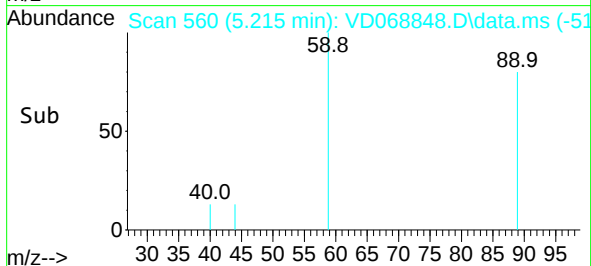
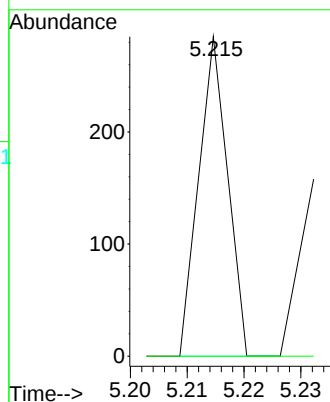
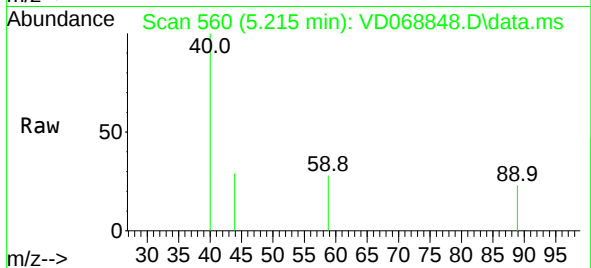


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.215 min Scan# 560
Delta R.T. -0.005 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Instrument :
MSVOA_D
ClientSampled :

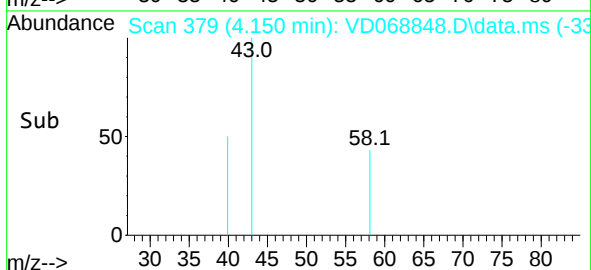
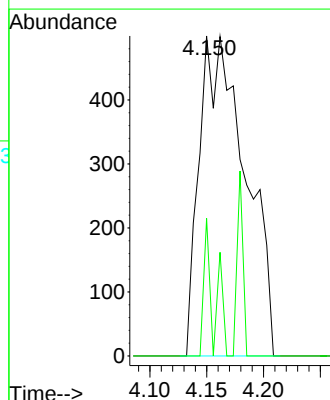
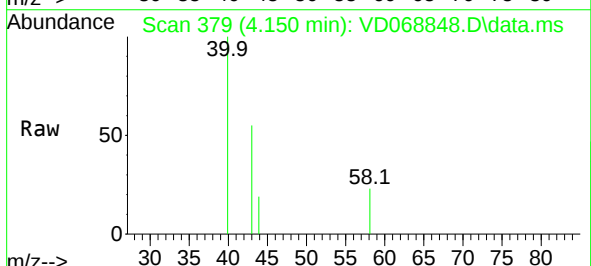
Tgt Ion: 59 Resp: 101
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

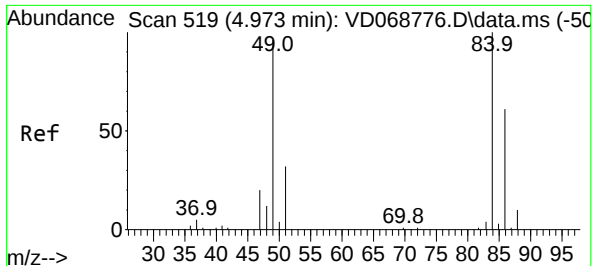


#16

Acetone
Concen: 4.94 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 43.0 28.0 42.0#





#20

Methylene Chloride

Concen: Below Cal

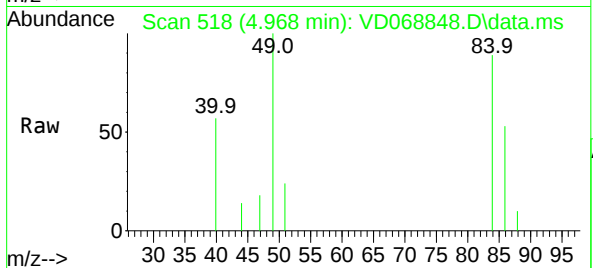
RT: 4.968 min Scan# 518

Delta R.T. -0.005 min

Lab File: VD068848.D

Acq: 15 Apr 2021 11:19

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 4164

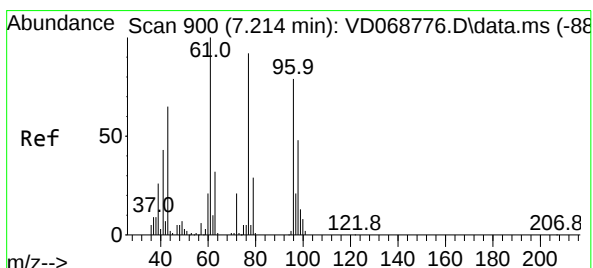
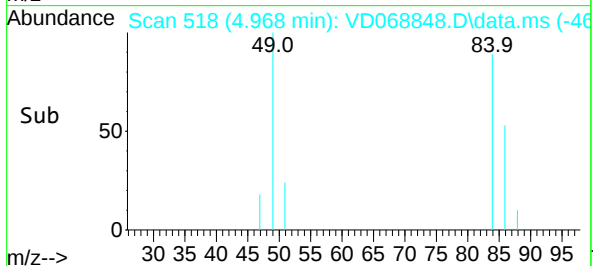
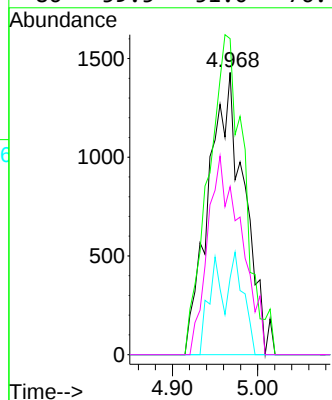
Ion Ratio Lower Upper

84 100

49 112.0 83.4 125.0

51 27.1 23.4 35.2

86 59.5 51.0 76.4



#25

2-Butanone

Concen: 1.08 ug/l

RT: 7.232 min Scan# 903

Delta R.T. 0.018 min

Lab File: VD068848.D

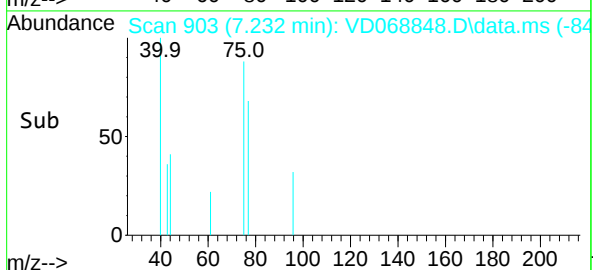
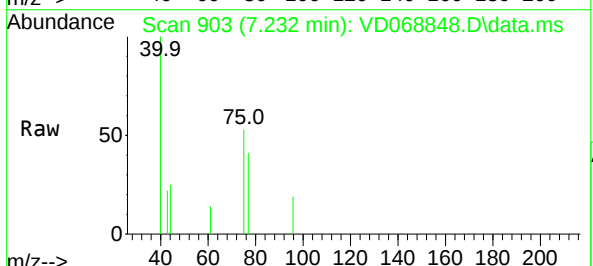
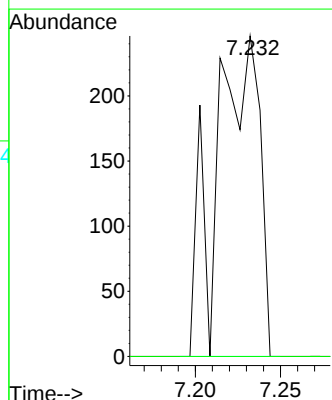
Acq: 15 Apr 2021 11:19

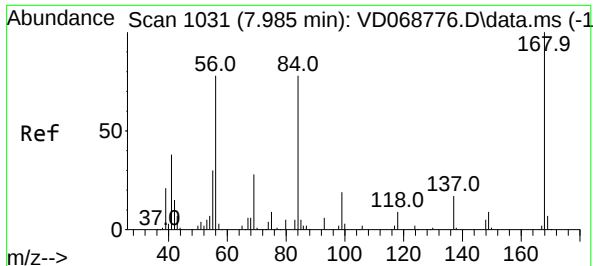
Tgt Ion: 43 Resp: 436

Ion Ratio Lower Upper

43 100

72 0.0 28.6 43.0#

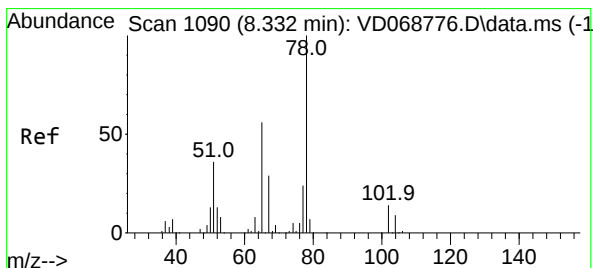
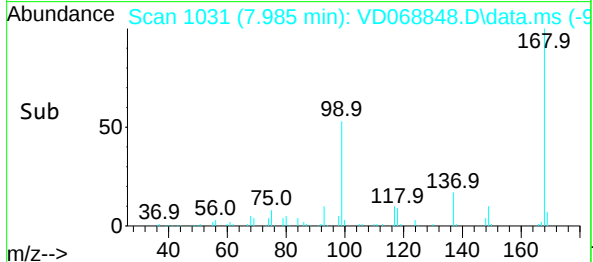
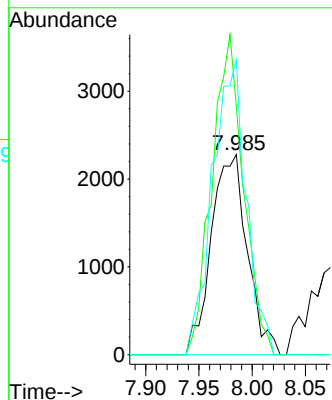
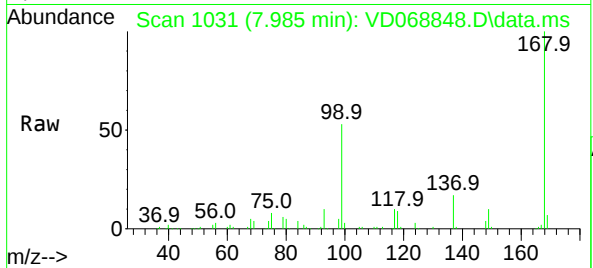




#31
Cyclohexane
Concen: 1.56 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

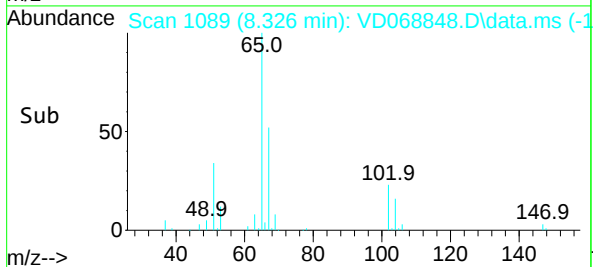
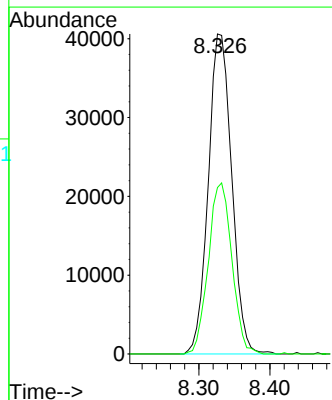
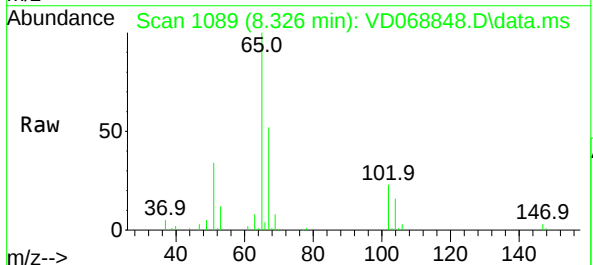
Instrument :
MSVOA_D
ClientSampled :

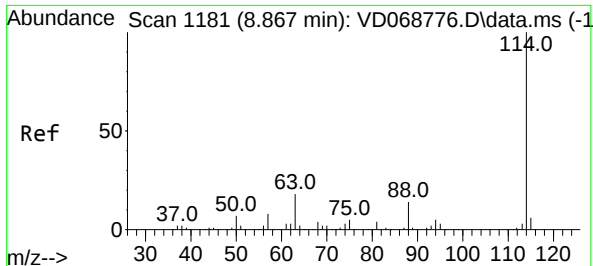
Tgt Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
69 124.1 30.0 45.0#
84 147.5 82.0 123.0#



#33
1,2-Dichloroethane-d4
Concen: 45.17 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Tgt Ion: 65 Resp: 93167
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD068848.D

Acq: 15 Apr 2021 11:19

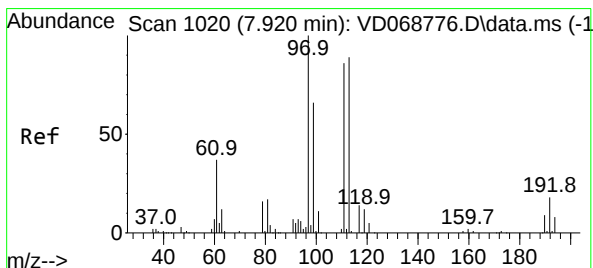
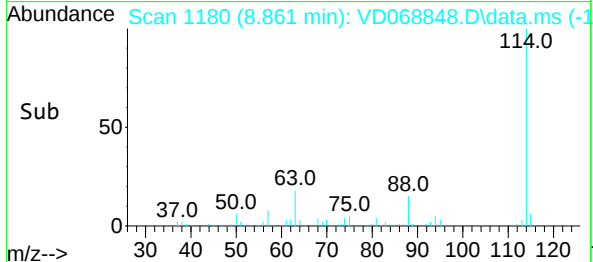
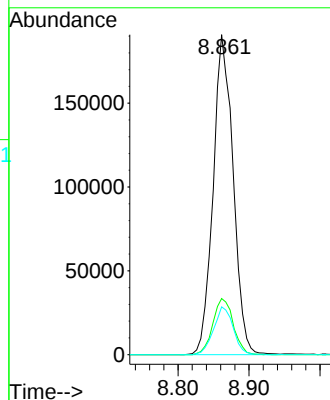
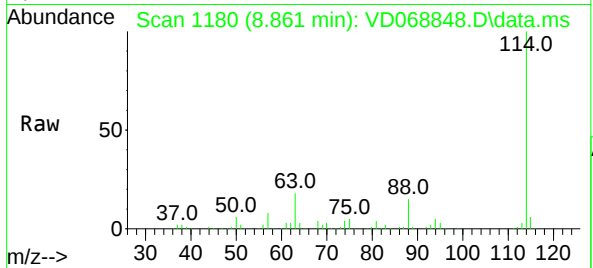
Tgt Ion:114 Resp: 372415

Ion Ratio Lower Upper

114 100

63 17.5 0.0 38.2

88 15.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.00 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068848.D

Acq: 15 Apr 2021 11:19

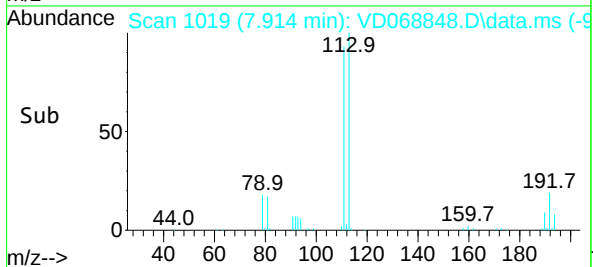
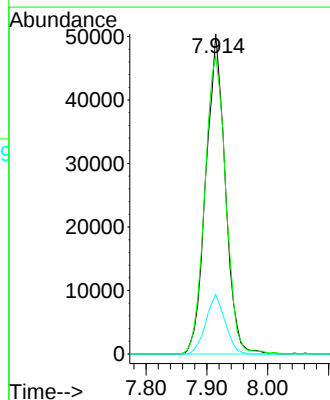
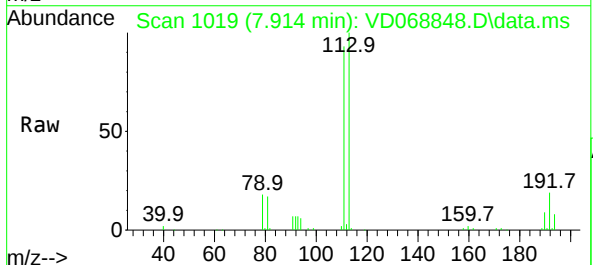
Tgt Ion:113 Resp: 111439

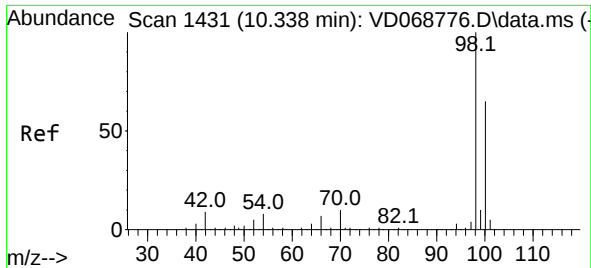
Ion Ratio Lower Upper

113 100

111 101.0 82.5 123.7

192 18.4 15.1 22.7

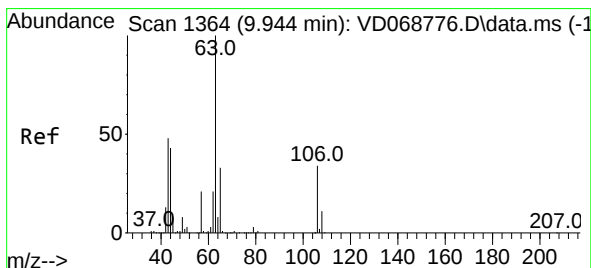
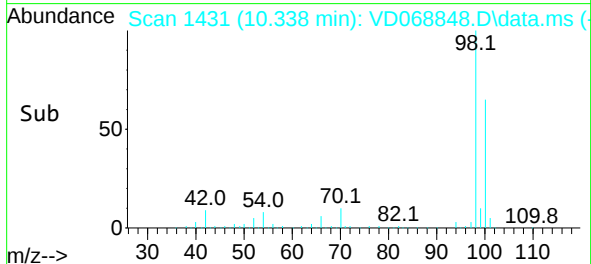
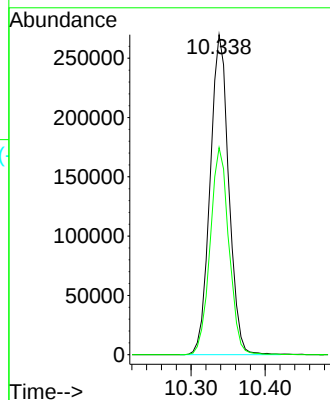
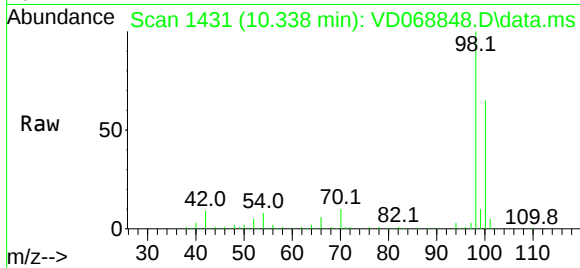




#50
Toluene-d8
Concen: 51.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

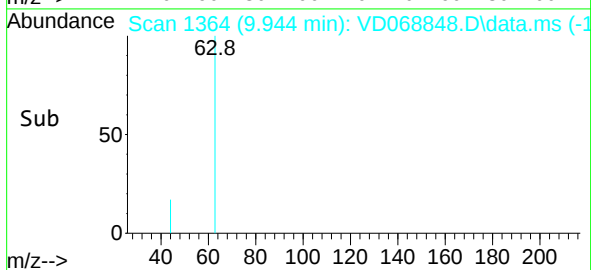
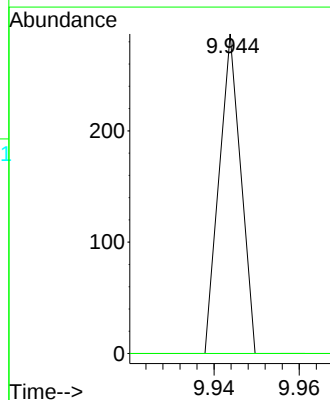
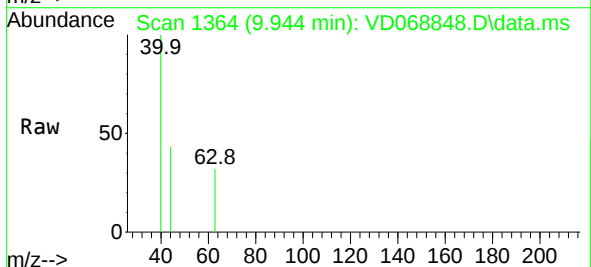
Instrument :
MSVOA_D
ClientSampled :

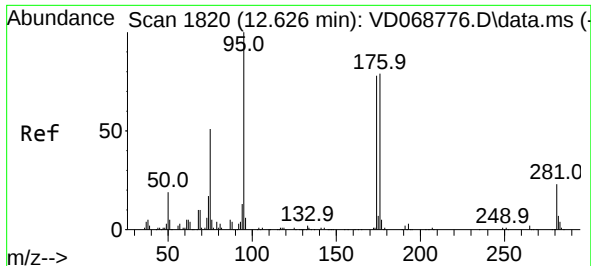
Tgt Ion: 98 Resp: 471903
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.07 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Tgt Ion: 63 Resp: 101
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

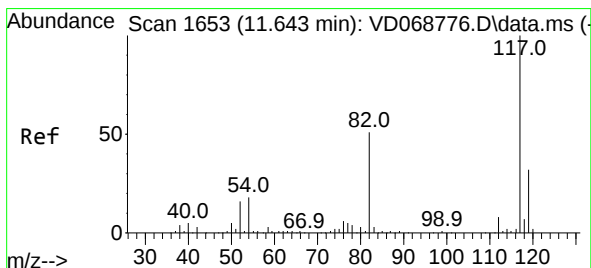
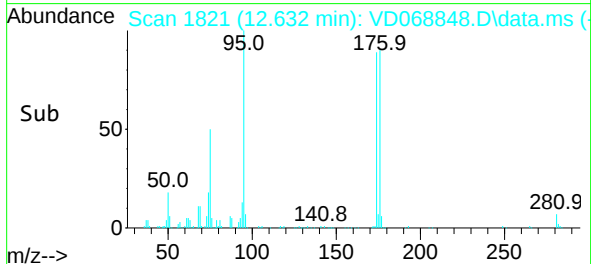
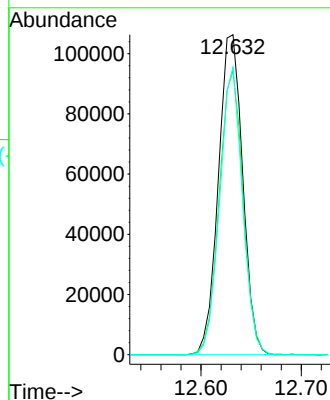
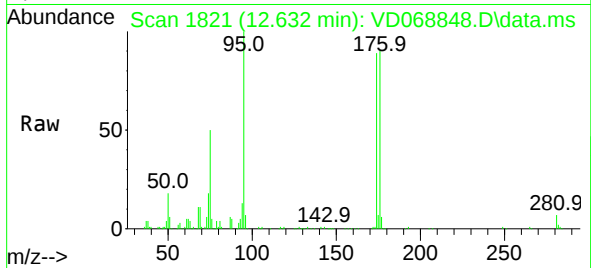




#62
4-Bromofluorobenzene
Concen: 58.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

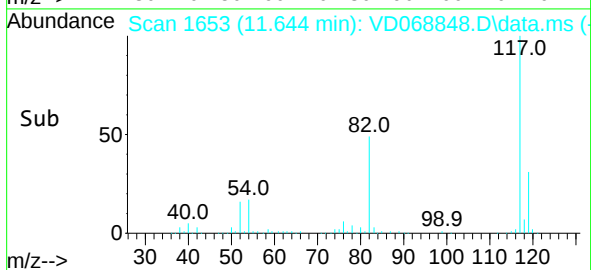
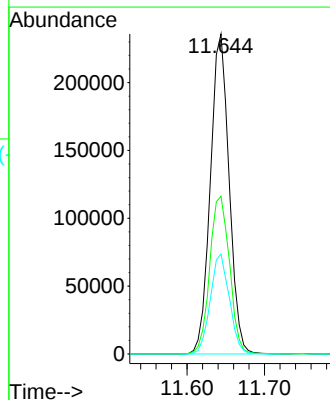
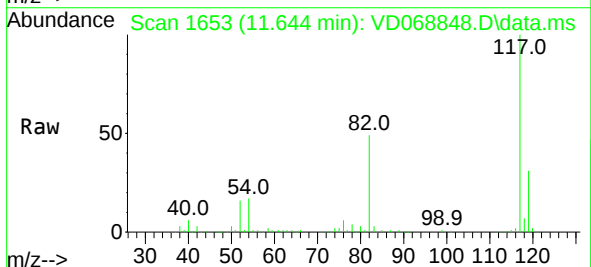
Instrument :
MSVOA_D
ClientSampleId :

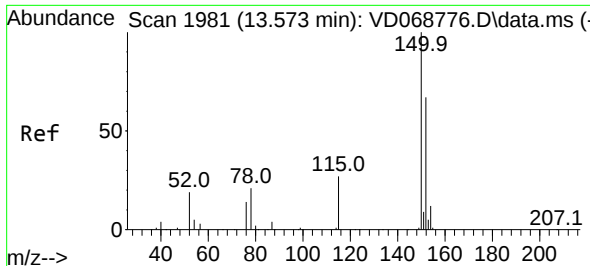
Tgt Ion: 95 Resp: 178693
Ion Ratio Lower Upper
95 100
174 86.8 0.0 168.0
176 83.8 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

Tgt Ion: 117 Resp: 396112
Ion Ratio Lower Upper
117 100
82 49.3 43.5 65.3
119 31.3 26.7 40.1

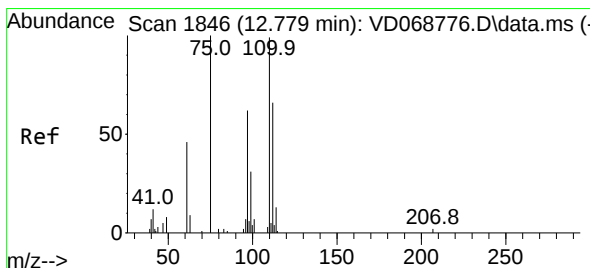
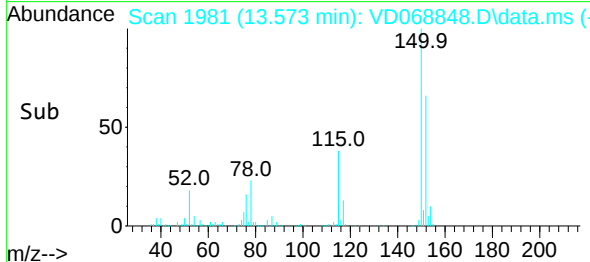
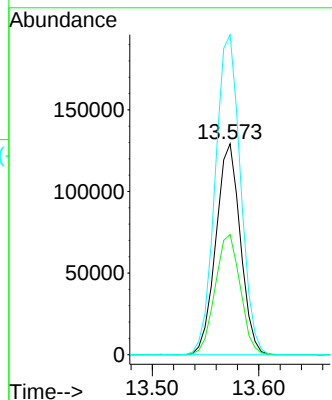
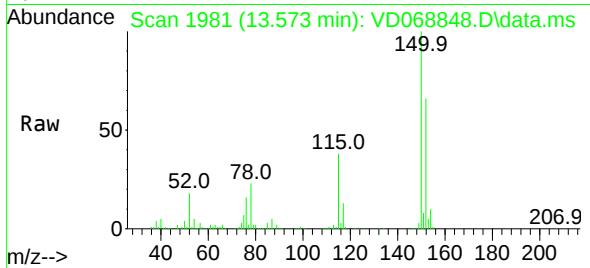




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

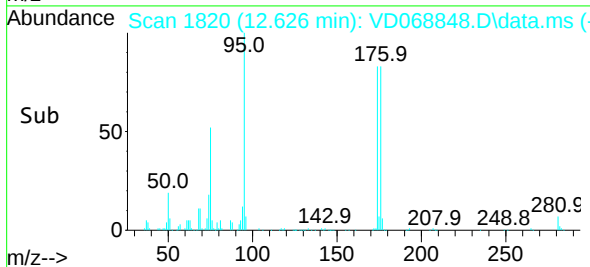
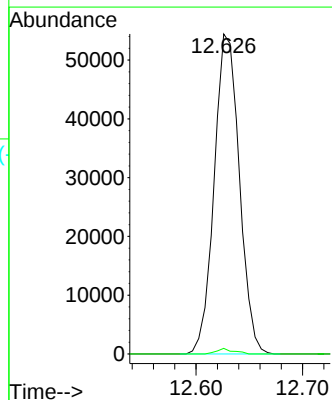
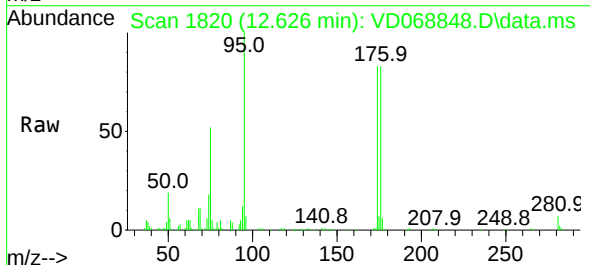
Instrument :
MSVOA_D
ClientSampled :

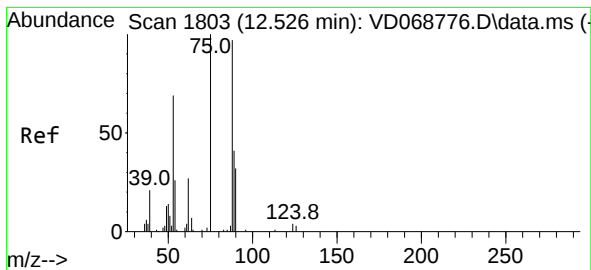
Tgt Ion:152 Resp: 205854
Ion Ratio Lower Upper
152 100
115 58.5 29.3 87.8
150 156.7 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.46 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD068848.D
Acq: 15 Apr 2021 11:19

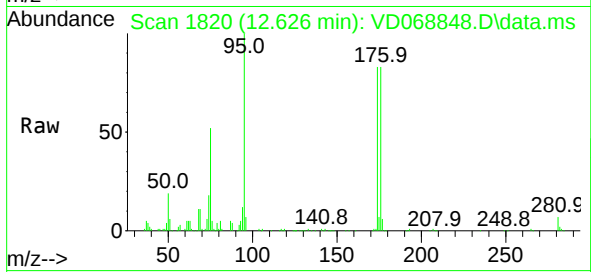
Tgt Ion: 75 Resp: 89250
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.14 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD068848.D
 Acq: 15 Apr 2021 11:19

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	36.6	54.8#

