

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072385.D
 Acq On : 23 Mar 2022 15:48
 Operator : VA/SY
 Sample : N2063-05
 Misc : 6.36G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:52:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

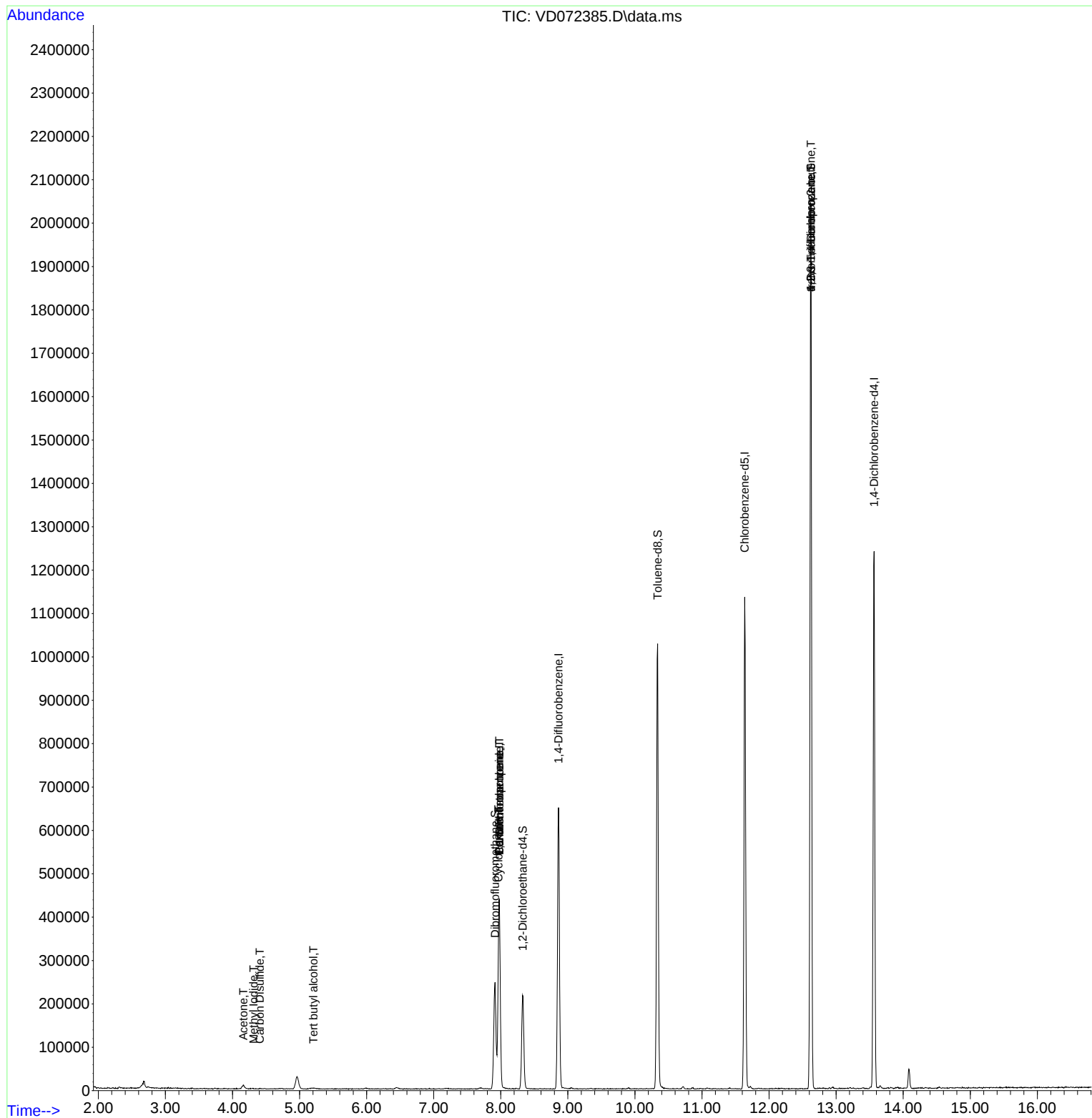
Internal Standards						
1) Pentafluorobenzene	7.979	168	324088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	545346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	638734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	326845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	173264	47.972	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.940%		
35) Dibromofluoromethane	7.914	113	175275	45.673	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.340%		
50) Toluene-d8	10.337	98	690010	49.173	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.340%		
62) 4-Bromofluorobenzene	12.626	95	337095	61.826	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	123.660%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	2018	2.808	ug/l #	69
11) Tert butyl alcohol	5.208	59	613	2.927	ug/l #	74
16) Acetone	4.161	43	15450	19.702	ug/l	97
17) Carbon Disulfide	4.408	76	1355	1.690	ug/l #	74
20) Methylene Chloride	4.955	84	22237	Below Cal		85
31) Cyclohexane	7.967	56	7707	1.366	ug/l #	40
36) 1,1-Dichloropropene	7.979	75	26805	4.979	ug/l #	53
38) Carbon Tetrachloride	7.979	117	32769	5.355	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	184598	51.201	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	184598	127.034	ug/l #	8

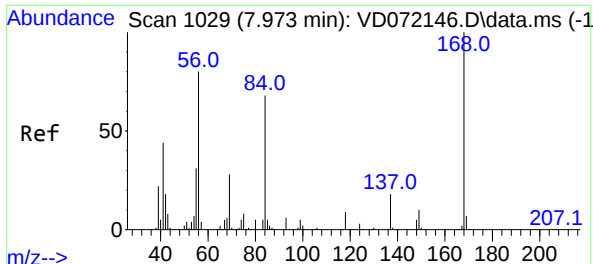
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 24 00:52:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

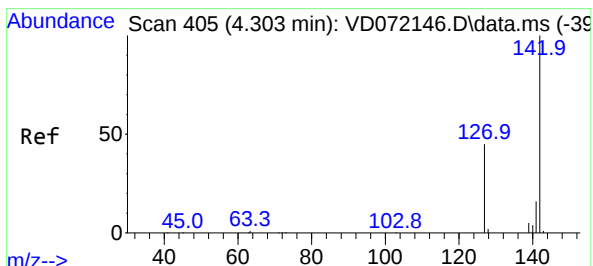
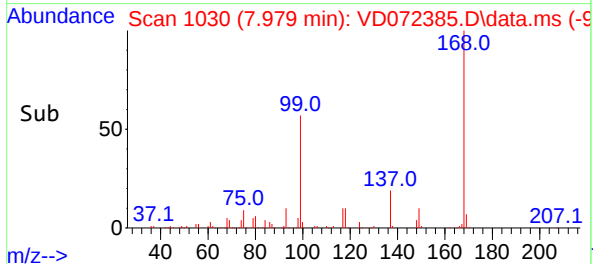
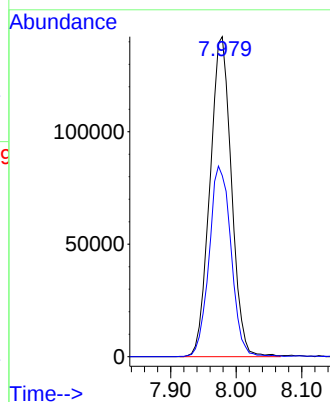
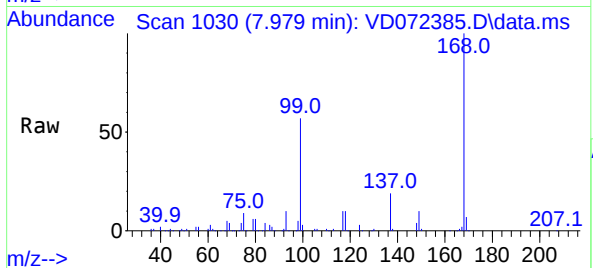




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

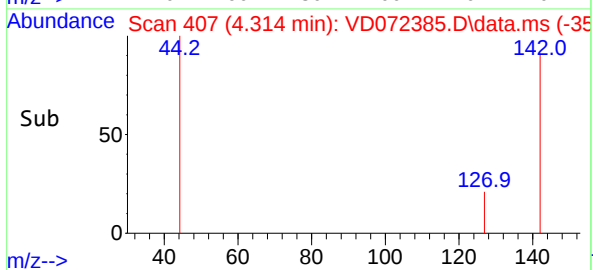
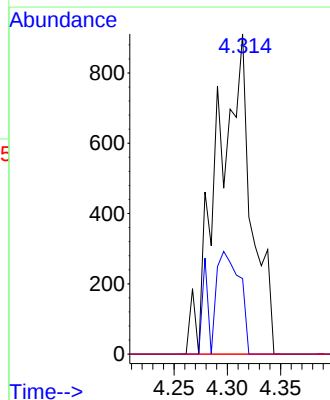
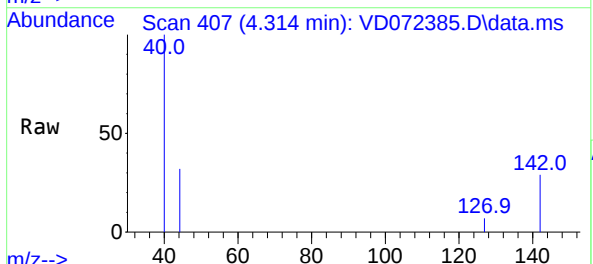
Instrument :
MSVOA_D
ClientSampleId :

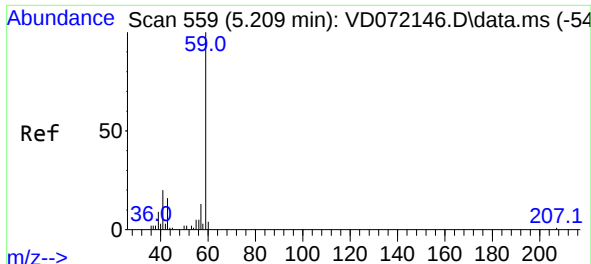
Tgt Ion:168 Resp: 324088
Ion Ratio Lower Upper
168 100
99 56.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.808 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

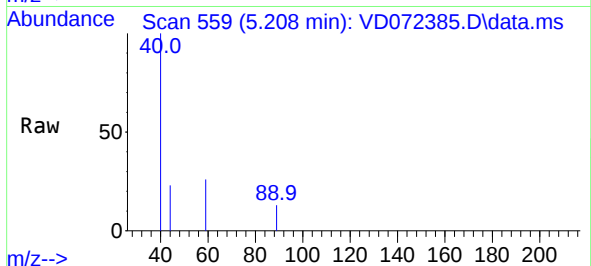
Tgt Ion:142 Resp: 2018
Ion Ratio Lower Upper
142 100
127 26.5 37.3 55.9#
141 0.0 11.7 17.5#



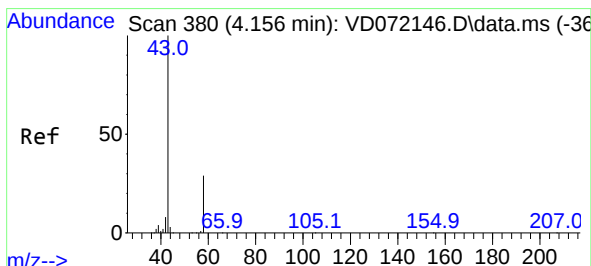
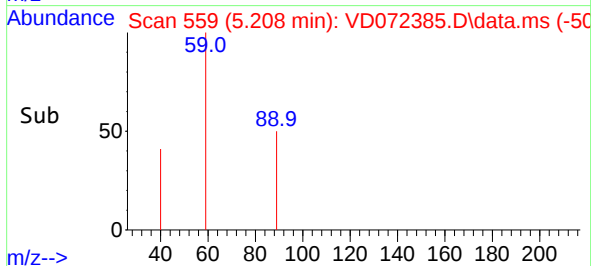
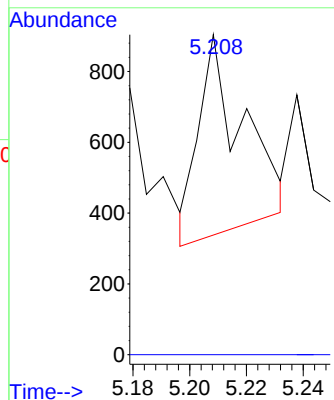


#11
Tert butyl alcohol
Concen: 2.927 ug/l
RT: 5.208 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :

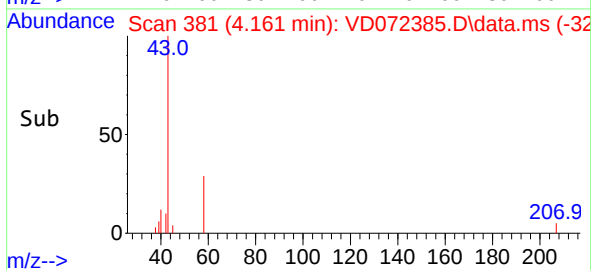
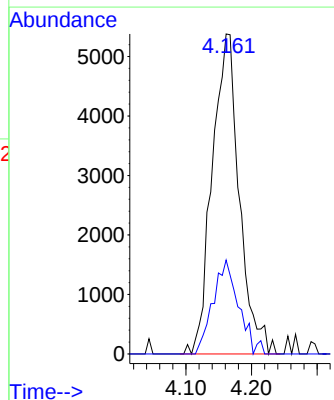
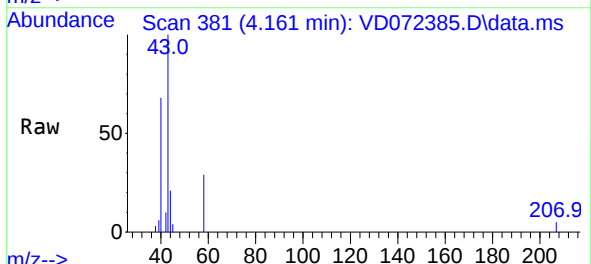


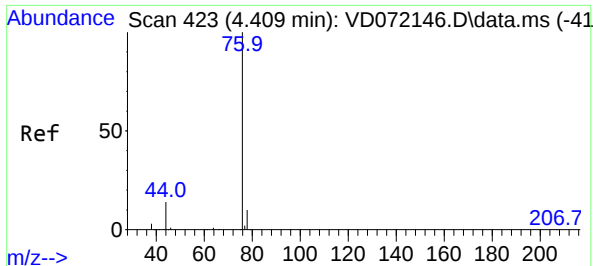
Tgt Ion: 59 Resp: 613
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 19.702 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Tgt Ion: 43 Resp: 15450
Ion Ratio Lower Upper
43 100
58 29.3 22.1 33.1

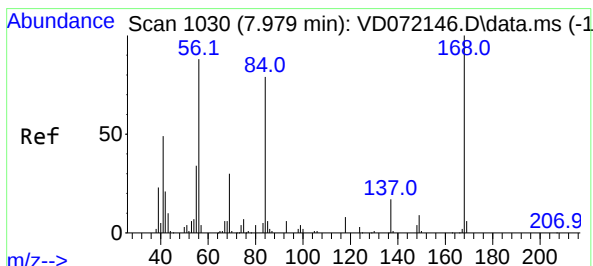
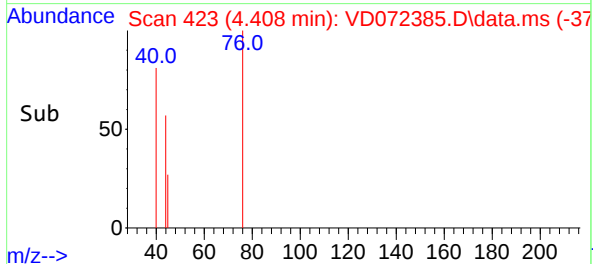
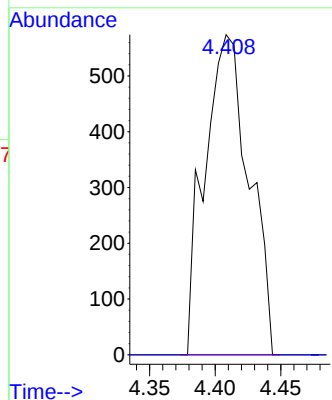
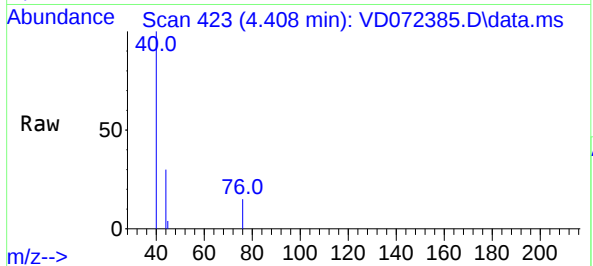




#17
Carbon Disulfide
Concen: 1.690 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

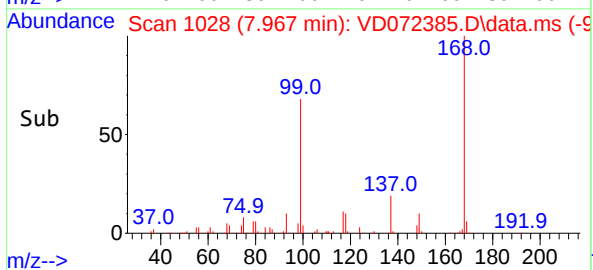
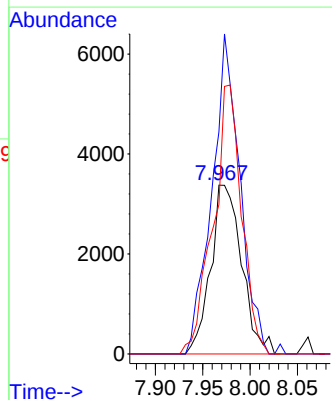
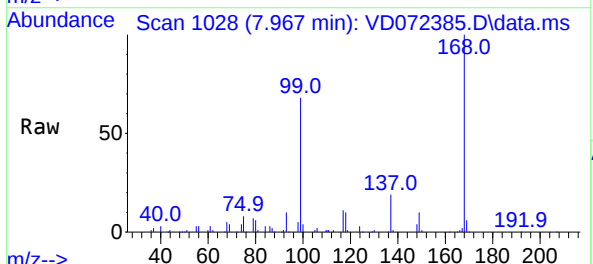
Instrument :
MSVOA_D
ClientSampleId :

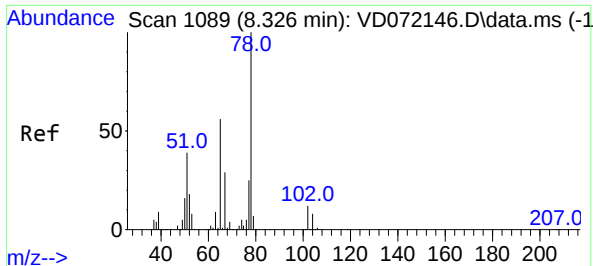
Tgt Ion: 76 Resp: 1355
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Tgt Ion: 56 Resp: 7707
Ion Ratio Lower Upper
56 100
69 131.6 25.4 38.2#
84 88.5 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 47.972 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072385.D

Acq: 23 Mar 2022 15:48

Instrument :

MSVOA_D

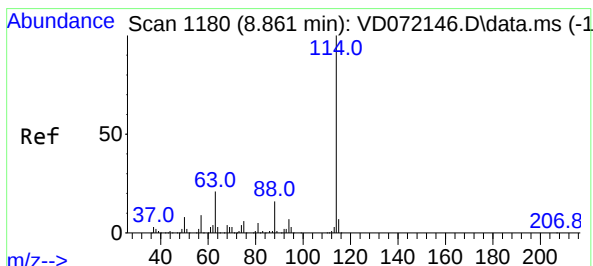
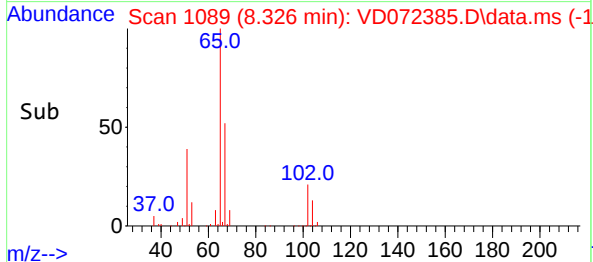
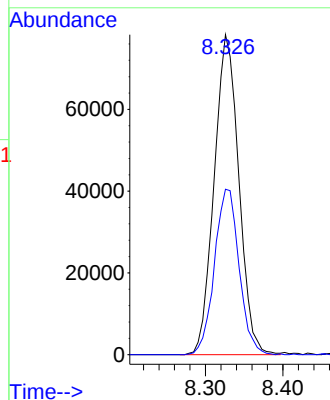
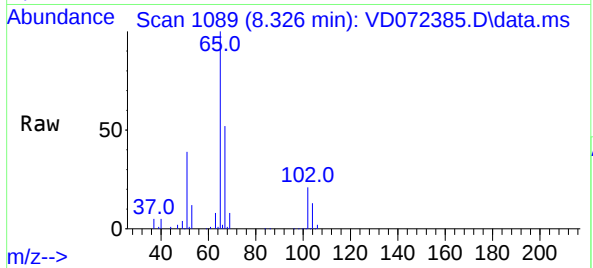
ClientSampleId :

Tgt Ion: 65 Resp: 173264

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072385.D

Acq: 23 Mar 2022 15:48

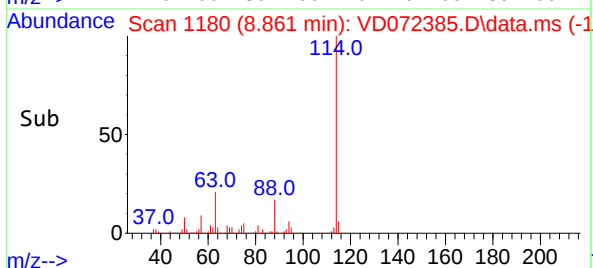
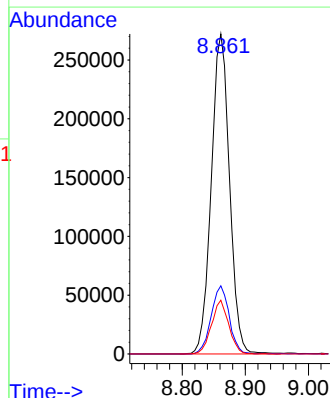
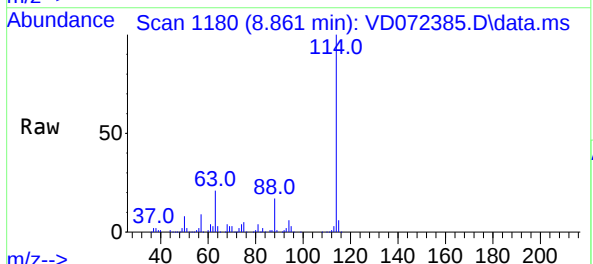
Tgt Ion: 114 Resp: 545346

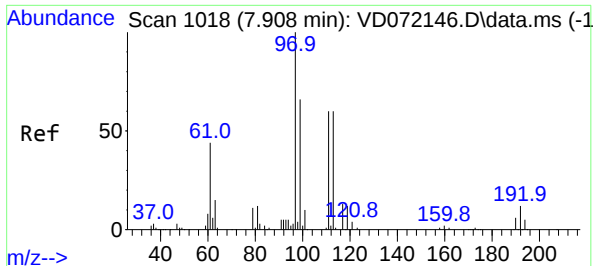
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 45.673 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.006 min

Lab File: VD072385.D

Acq: 23 Mar 2022 15:48

Instrument :

MSVOA_D

ClientSampleId :

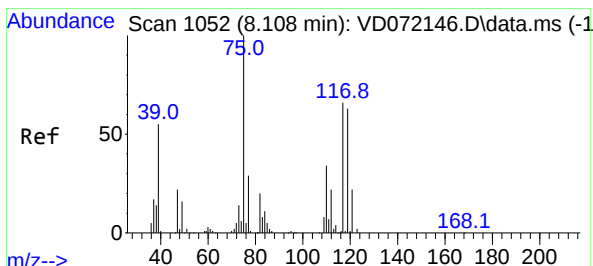
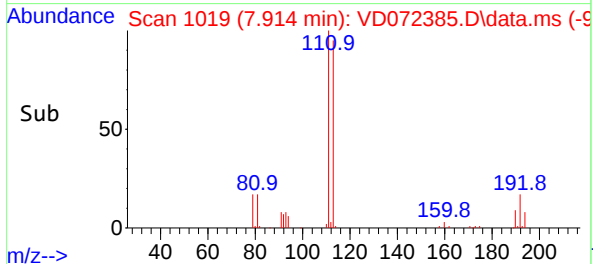
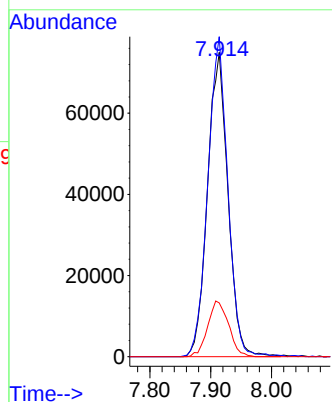
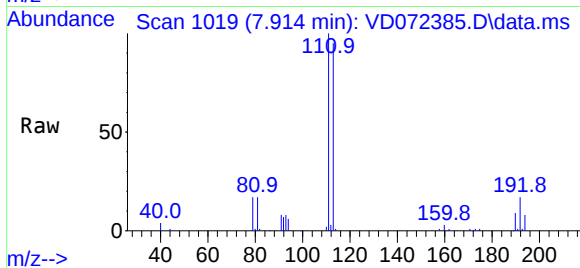
Tgt Ion:113 Resp: 175275

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.979 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.130 min

Lab File: VD072385.D

Acq: 23 Mar 2022 15:48

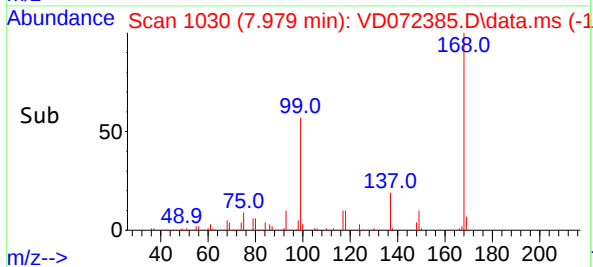
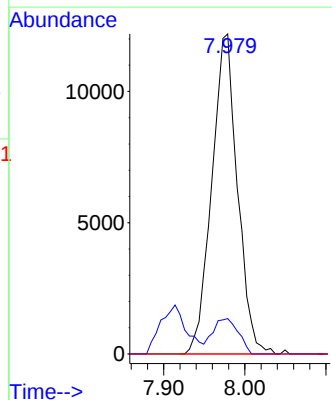
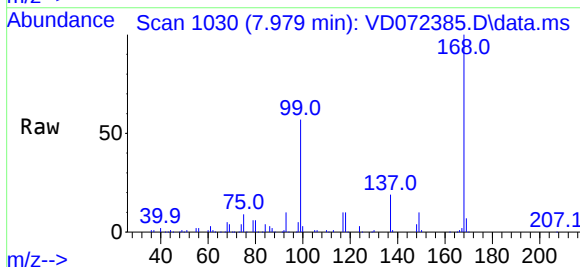
Tgt Ion: 75 Resp: 26805

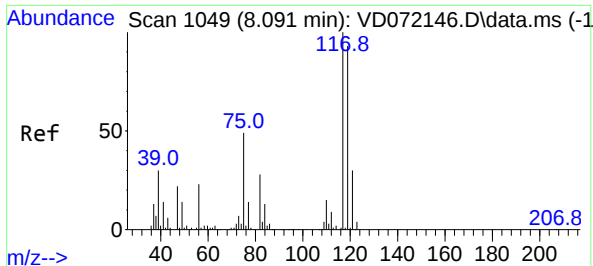
Ion Ratio Lower Upper

75 100

110 11.0 16.4 49.1#

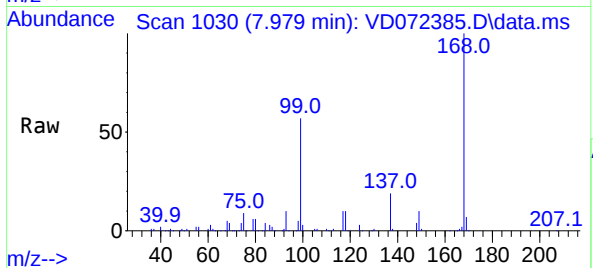
77 0.0 24.2 36.2#



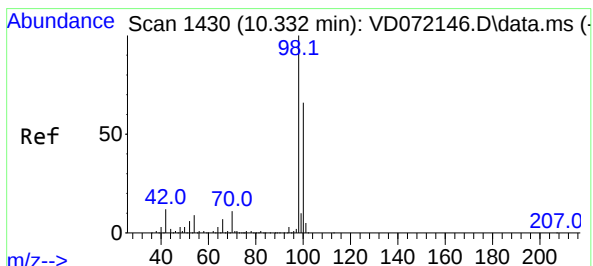
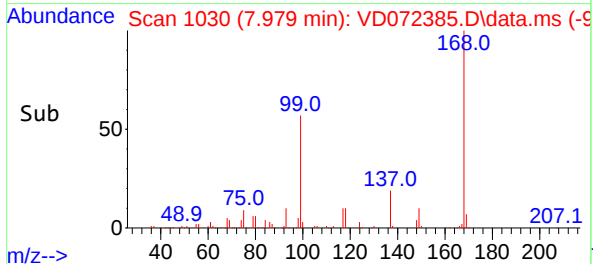
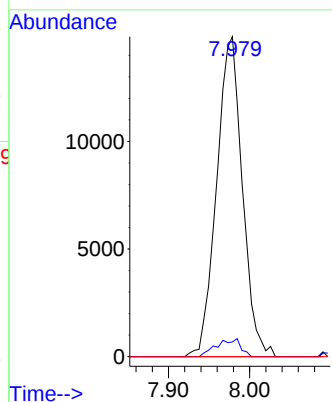


#38
Carbon Tetrachloride
Concen: 5.355 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :

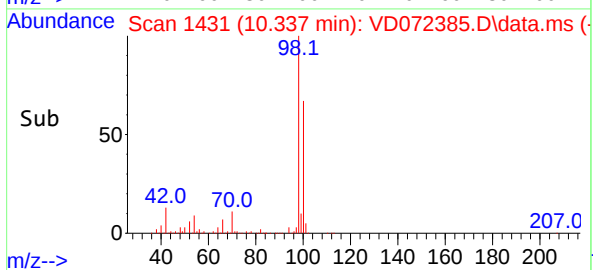
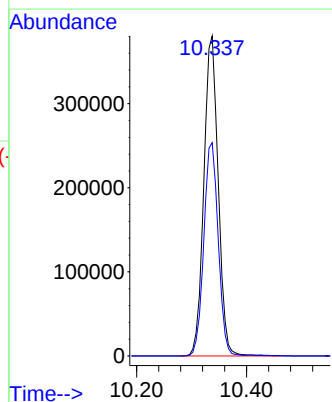
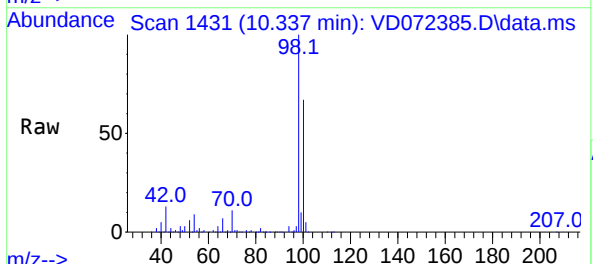


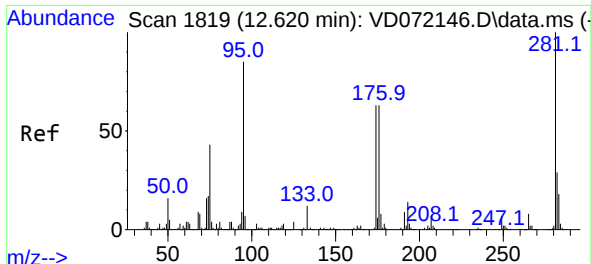
Tgt Ion:117 Resp: 32769
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.173 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Tgt Ion: 98 Resp: 690010
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6

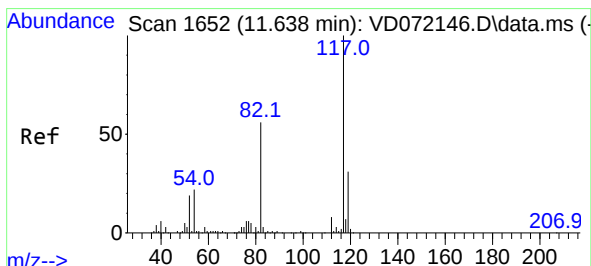
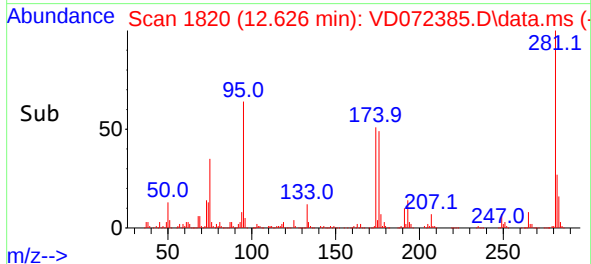
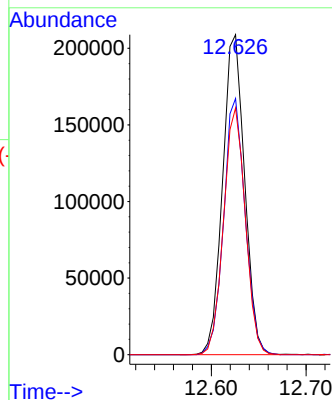
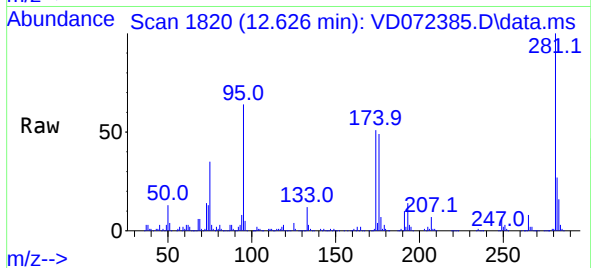




#62
4-Bromofluorobenzene
Concen: 61.826 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

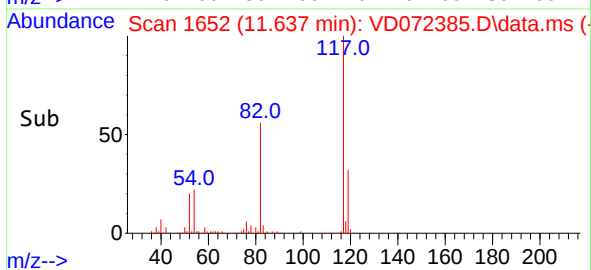
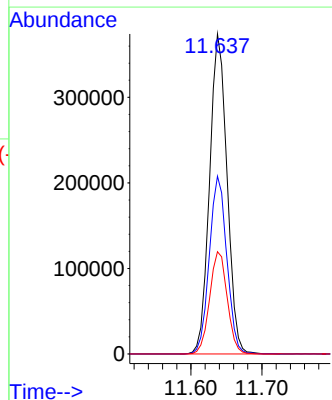
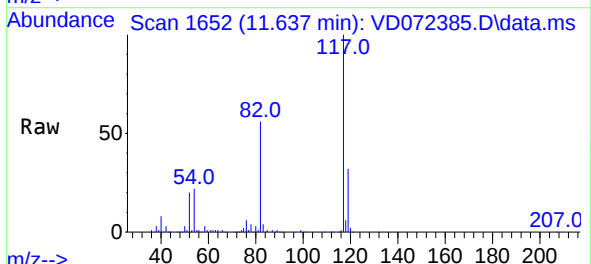
Instrument :
MSVOA_D
ClientSampleId :

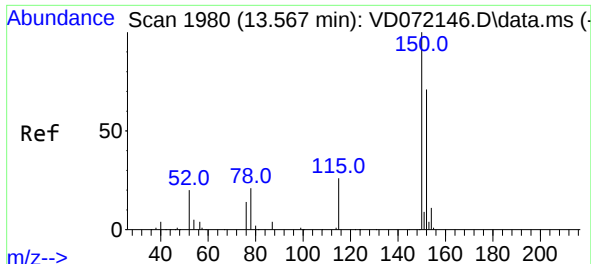
Tgt Ion: 95 Resp: 337095
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 76.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

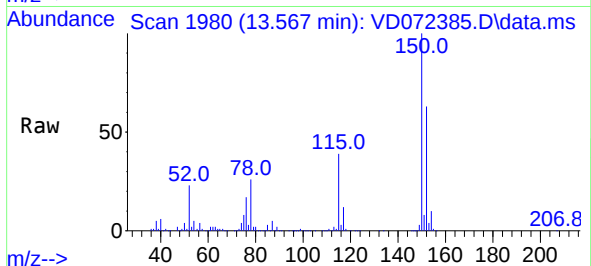
Tgt Ion: 117 Resp: 638734
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 32.0 26.6 40.0



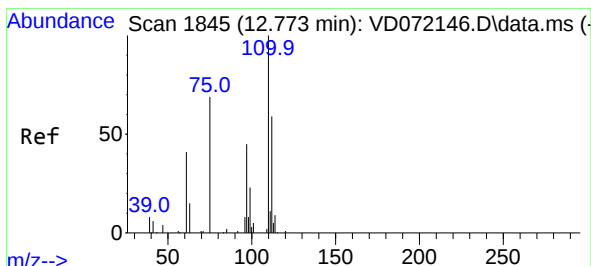
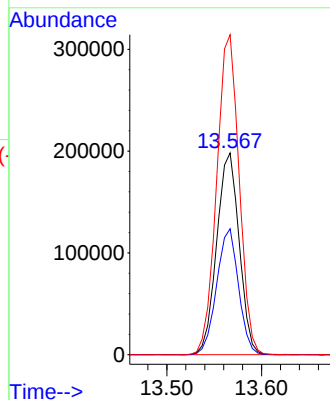
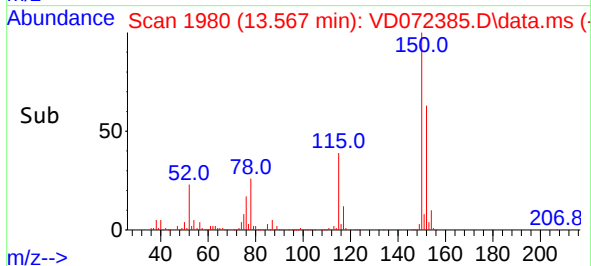


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :

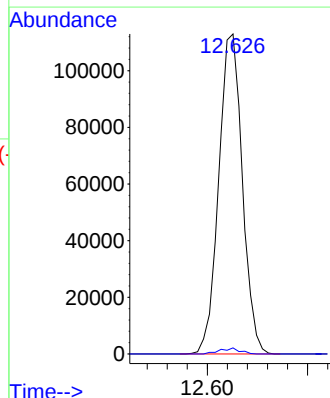
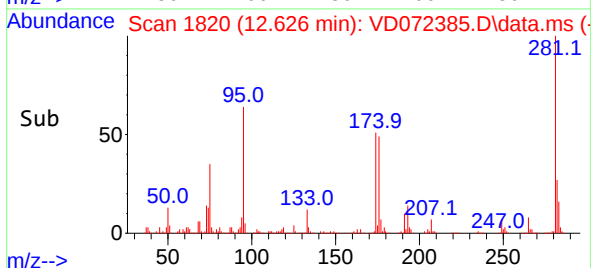
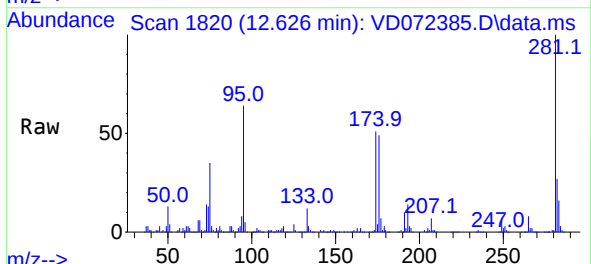


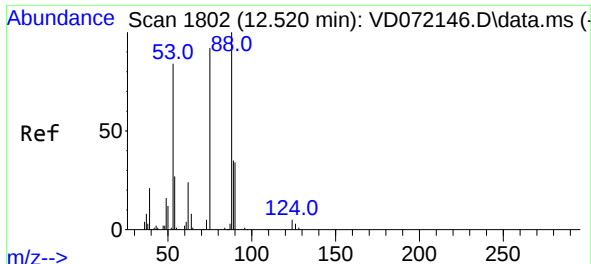
Tgt Ion:152 Resp: 326845
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 158.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.201 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

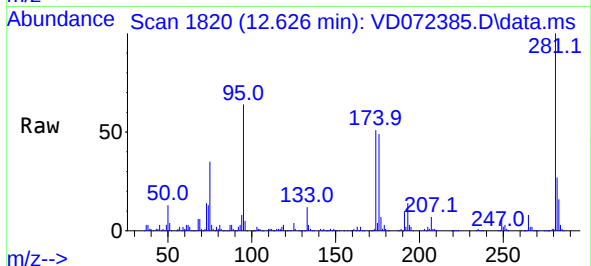
Tgt Ion: 75 Resp: 184598
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 127.034 ug/l
RT: 12.626 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD072385.D
Acq: 23 Mar 2022 15:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 184598
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 2.1 33.9 50.9#

