

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
 Data File : VD072060.D
 Acq On : 22 Feb 2022 16:32
 Operator : VA/SY
 Sample : N1626-10RE
 Misc : 4.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 23 05:31:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

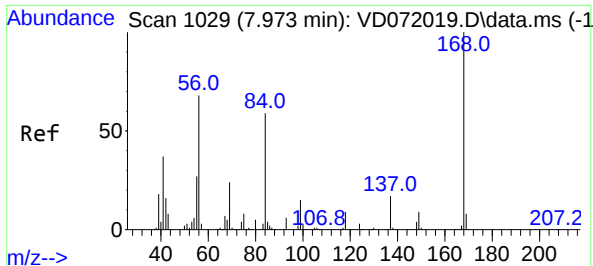
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	552820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	933196	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	890561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	414706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	262069	45.701	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.400%
35) Dibromofluoromethane	7.914	113	280746	49.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.300%
50) Toluene-d8	10.338	98	1153844	55.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.060%
62) 4-Bromofluorobenzene	12.626	95	420856	54.643	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.280%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	288	Below Cal	#	11
10) Methyl Iodide	4.309	142	282	2.966	ug/l #	65
16) Acetone	4.168	43	22433	18.101	ug/l	99
17) Carbon Disulfide	4.403	76	4930	1.007	ug/l #	87
18) Methyl Acetate	4.573	43	66	Below Cal	#	52
20) Methylene Chloride	4.962	84	43796	7.101	ug/l	95
25) 2-Butanone	7.209	43	3885	2.268	ug/l #	73
31) Cyclohexane	7.979	56	12194	1.204	ug/l #	10
36) 1,1-Dichloropropene	7.979	75	43992	5.137	ug/l #	49
38) Carbon Tetrachloride	7.979	117	57023	6.496	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	216143	55.023	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	216143	137.791	ug/l #	10

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

Quant Time: Feb 23 05:31:33 2022
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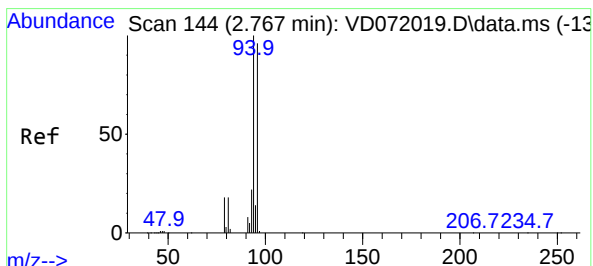
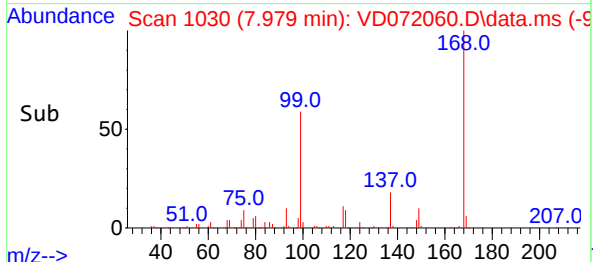
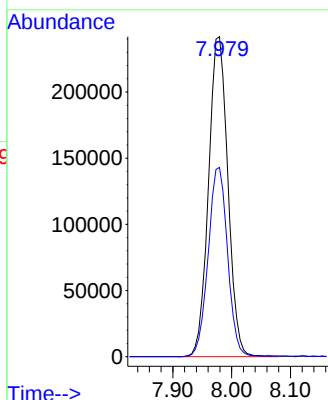
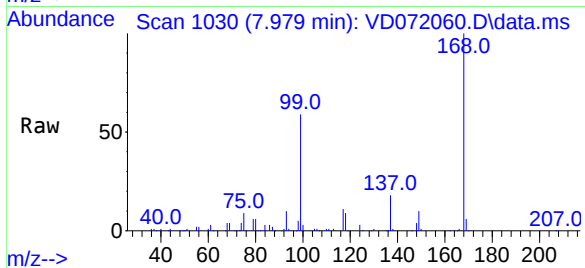




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

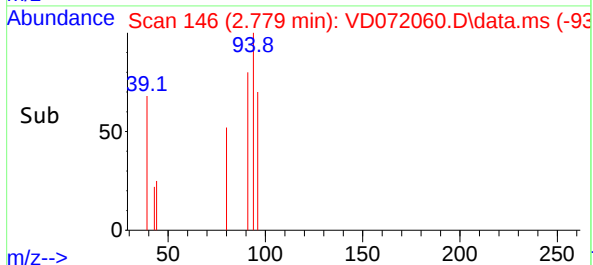
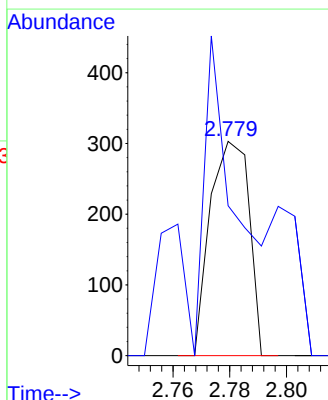
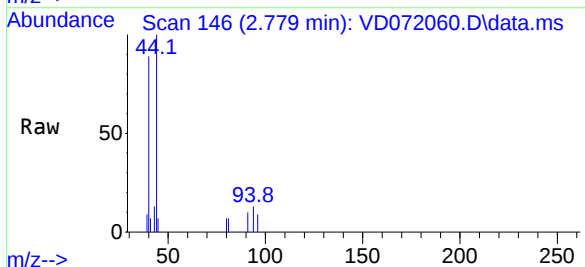
Instrument :
MSVOA_D
ClientSampleId :

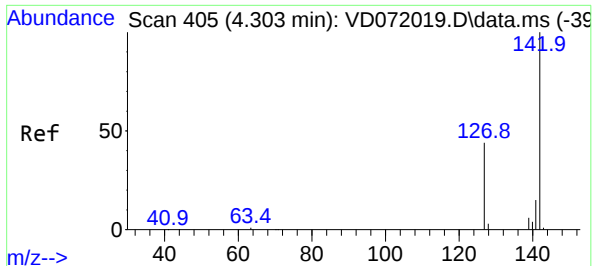
Tgt Ion:168 Resp: 552820
Ion Ratio Lower Upper
168 100
99 59.1 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 8.6 76.8 115.2#

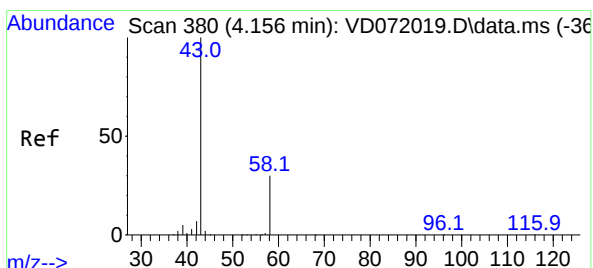
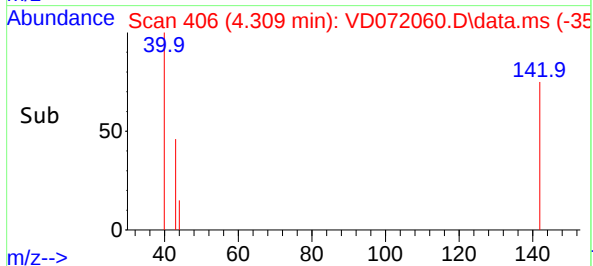
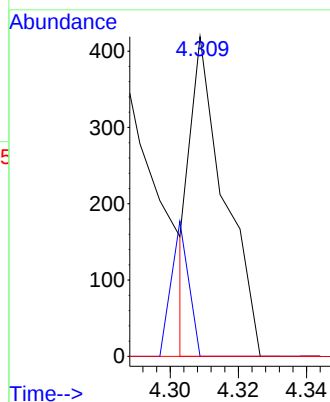
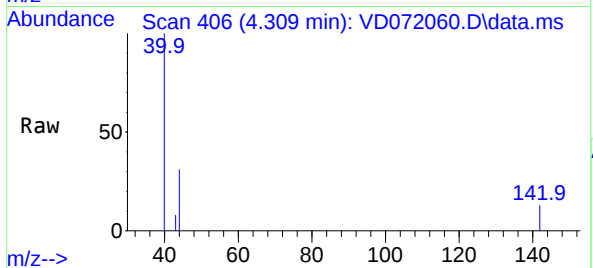




#10
Methyl Iodide
Concen: 2.966 ug/l
RT: 4.309 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

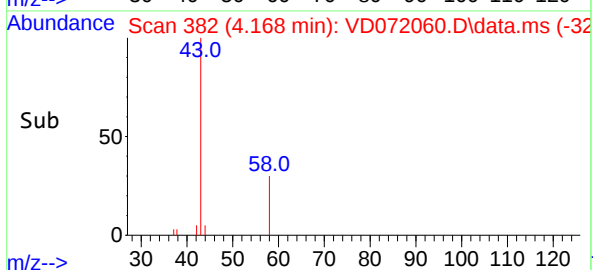
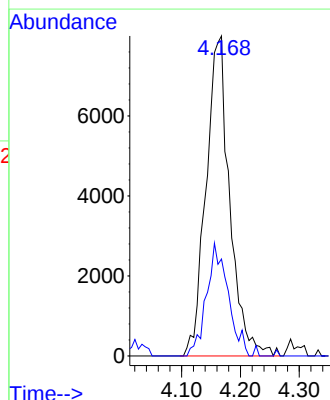
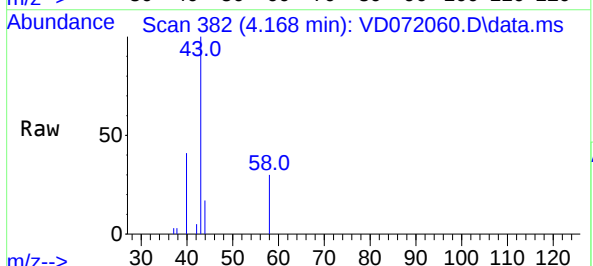
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 282
Ion Ratio Lower Upper
142 100
127 22.0 35.8 53.8#
141 0.0 11.6 17.4#

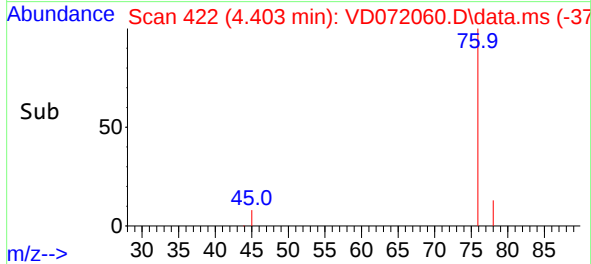
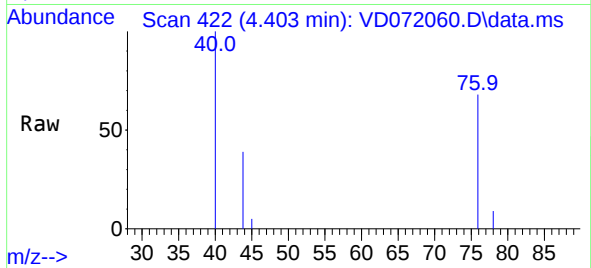
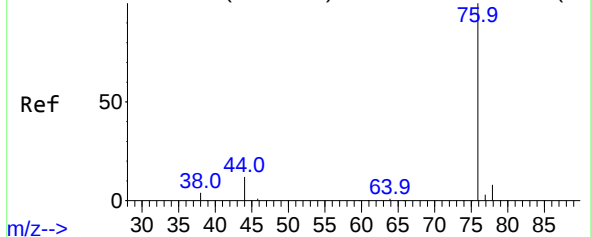


#16
Acetone
Concen: 18.101 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 43 Resp: 22433
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.6



Abundance Scan 423 (4.409 min): VD072019.D\data.ms (-40



#17

Carbon Disulfide

Concen: 1.007 ug/l

RT: 4.403 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

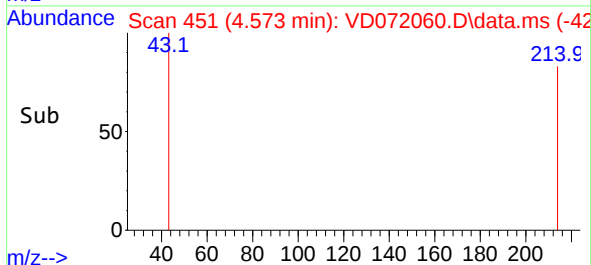
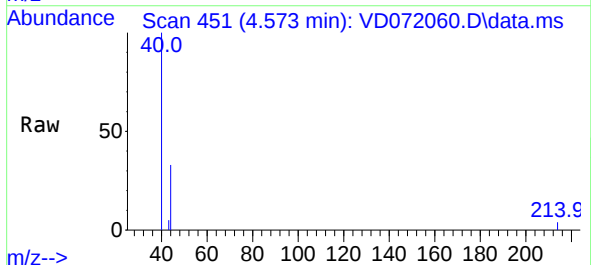
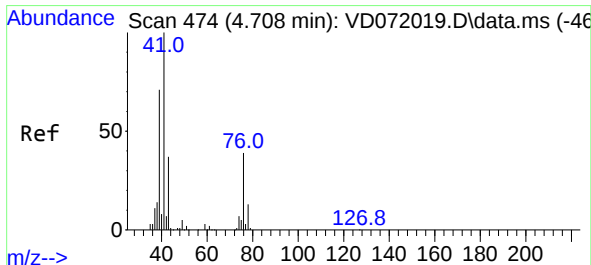
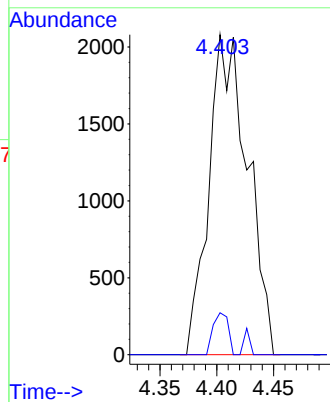
ClientSampleId :

Tgt Ion: 76 Resp: 4930

Ion Ratio Lower Upper

76 100

78 13.1 6.7 10.1#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.573 min Scan# 451

Delta R.T. -0.135 min

Lab File: VD072060.D

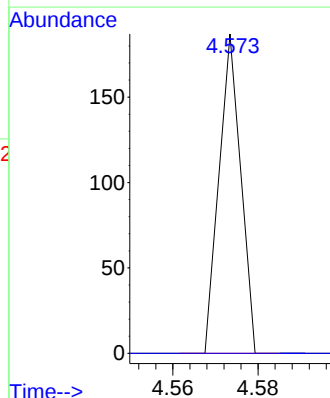
Acq: 22 Feb 2022 16:32

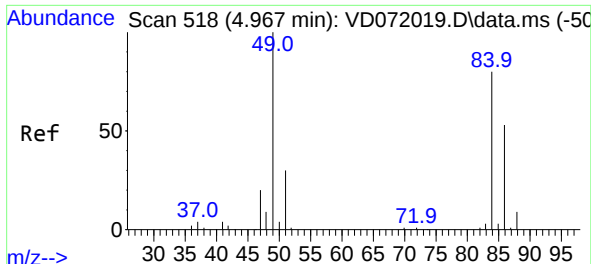
Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

43 100

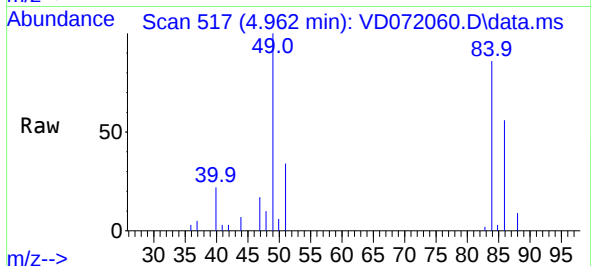
74 0.0 18.6 27.8#





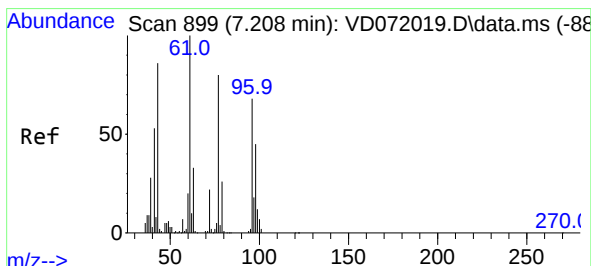
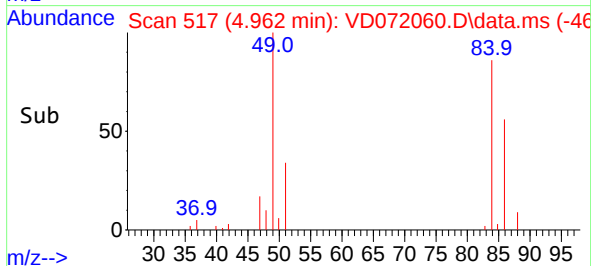
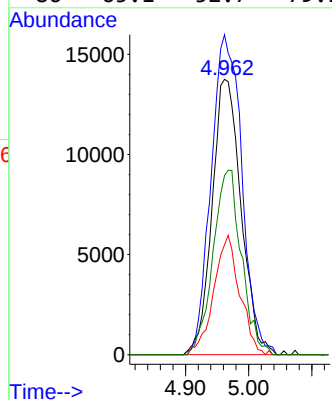
#20
Methylene Chloride
Concen: 7.101 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 43796

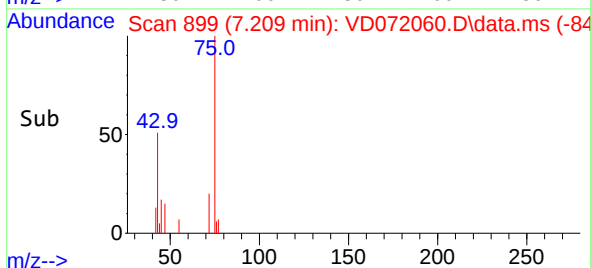
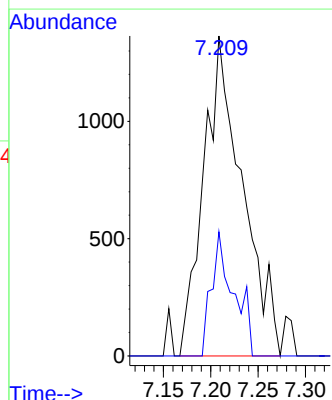
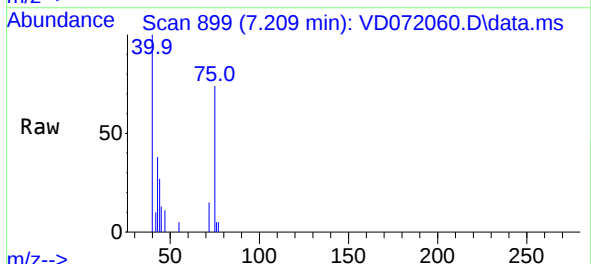
Ion	Ratio	Lower	Upper
84	100		
49	116.2	100.0	150.0
51	39.9	30.2	45.4
86	65.1	52.7	79.1

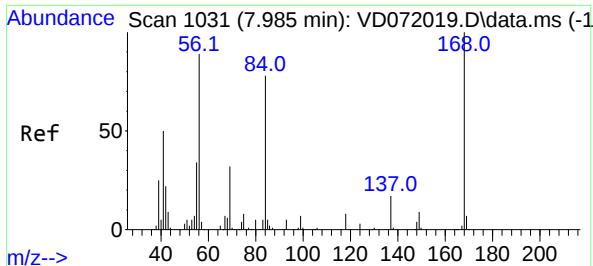


#25
2-Butanone
Concen: 2.268 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 43 Resp: 3885

Ion	Ratio	Lower	Upper
43	100		
72	38.8	20.3	30.5





#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.979 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

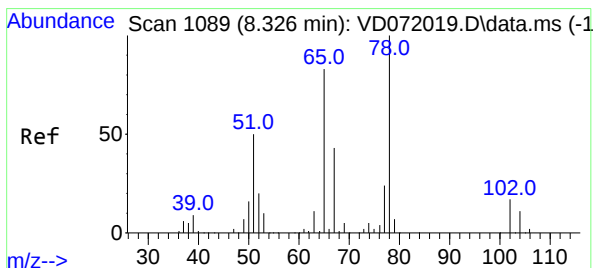
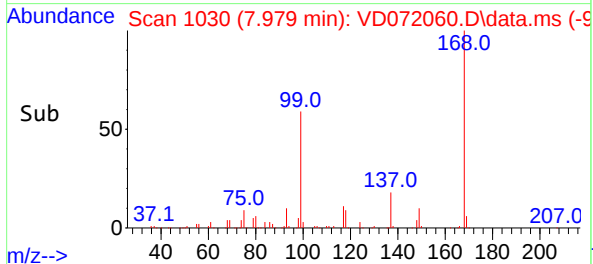
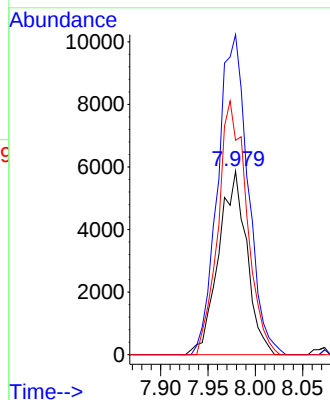
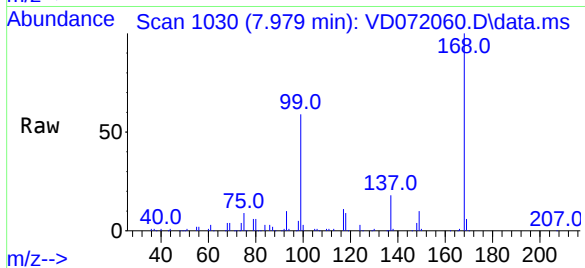
Tgt Ion: 56 Resp: 12194

Ion Ratio Lower Upper

56 100

69 174.3 28.9 43.3#

84 116.8 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 45.701 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072060.D

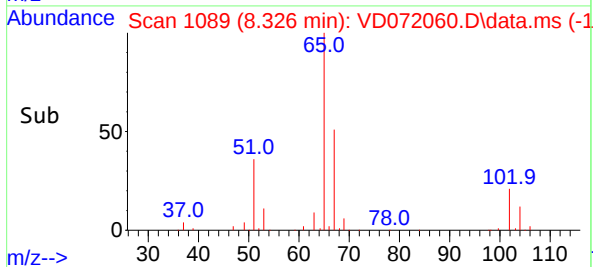
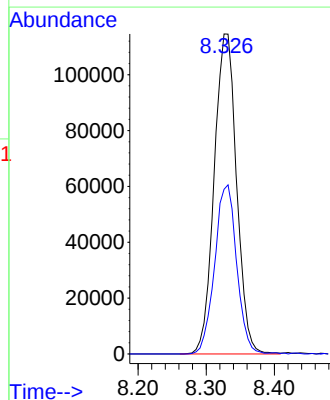
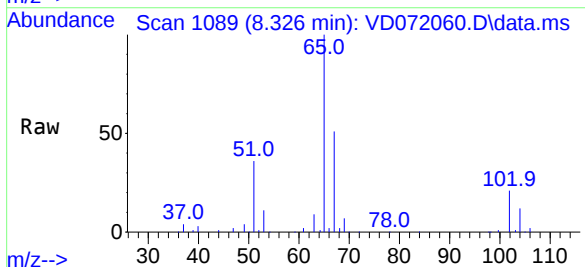
Acq: 22 Feb 2022 16:32

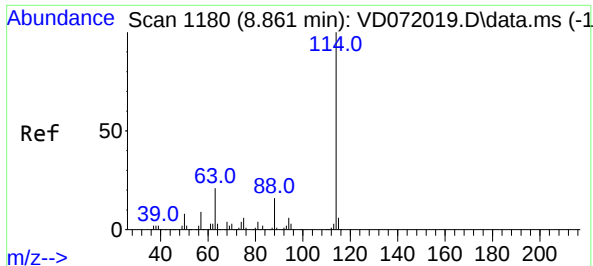
Tgt Ion: 65 Resp: 262069

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072060.D

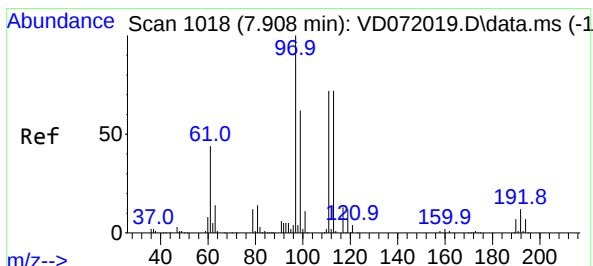
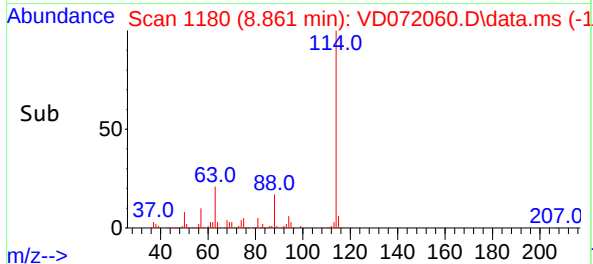
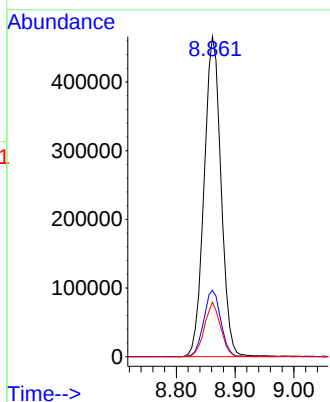
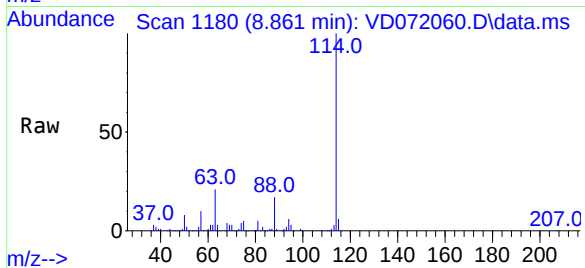
Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp:	933196
Ion	Ratio	Lower Upper
114	100	
63	20.8	0.0 42.2
88	17.1	0.0 31.2



#35

Dibromofluoromethane

Concen: 49.655 ug/l

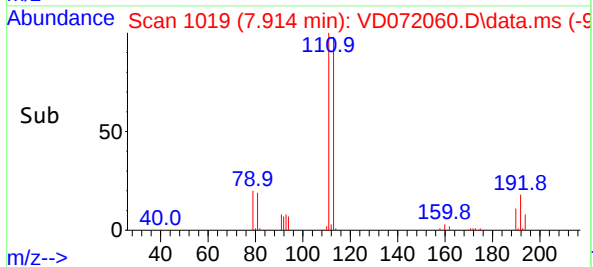
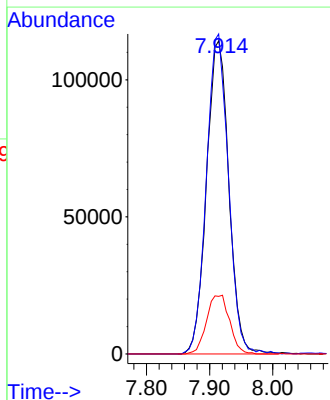
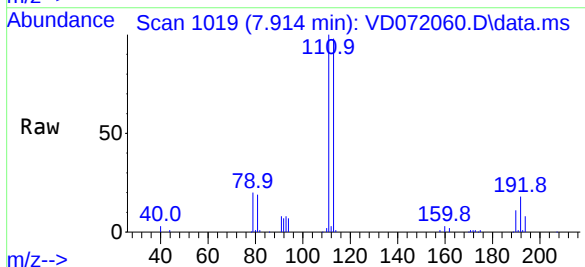
RT: 7.914 min Scan# 1019

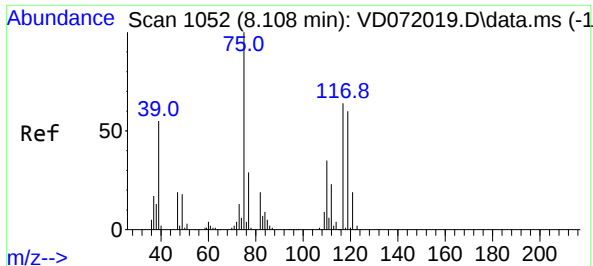
Delta R.T. 0.006 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Tgt Ion:113	Resp:	280746
Ion	Ratio	Lower Upper
113	100	
111	100.5	83.0 124.4
192	19.3	15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.137 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD072060.D

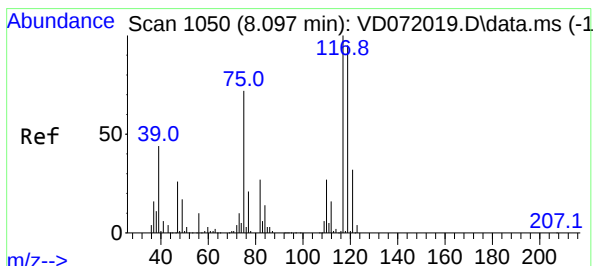
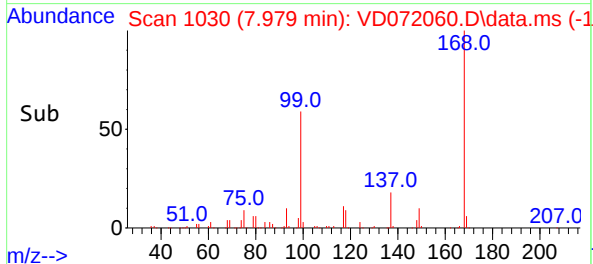
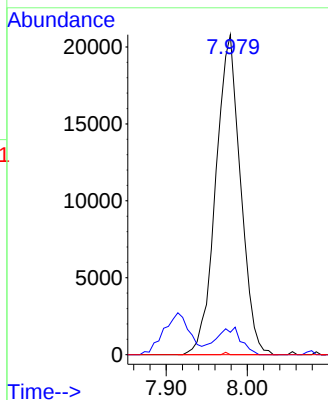
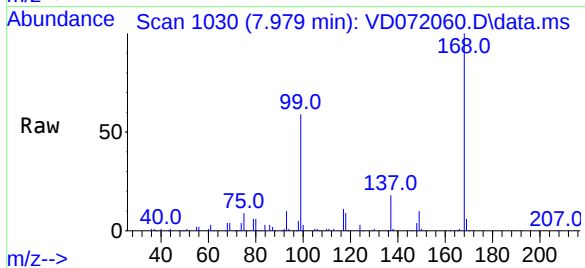
Acq: 22 Feb 2022 16:32

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	43992
Ion Ratio	Lower	Upper	
75	100		
110	8.8	17.7	53.1#
77	0.1	24.8	37.2#



#38

Carbon Tetrachloride

Concen: 6.496 ug/l

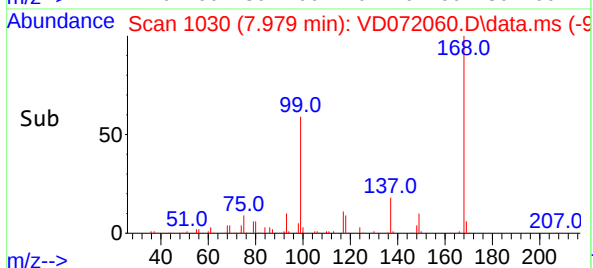
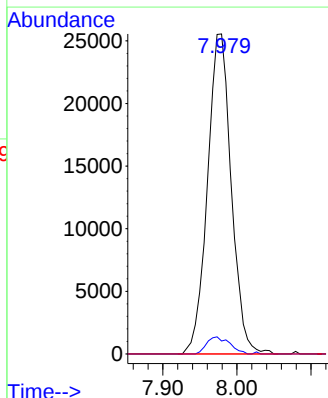
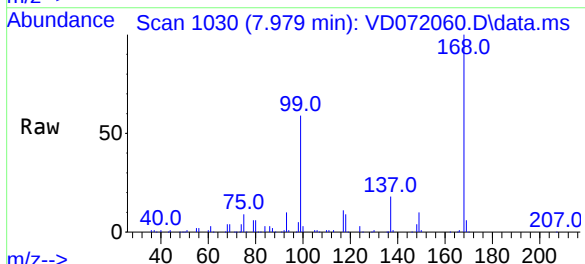
RT: 7.979 min Scan# 1030

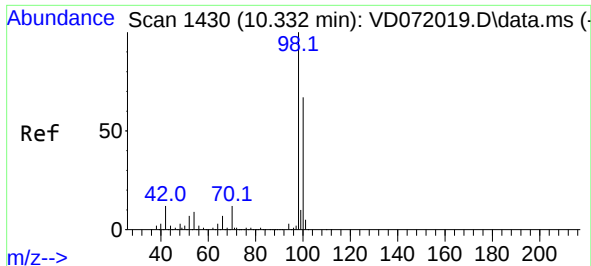
Delta R.T. -0.117 min

Lab File: VD072060.D

Acq: 22 Feb 2022 16:32

Tgt Ion:	117	Resp:	57023
Ion Ratio	Lower	Upper	
117	100		
119	4.0	75.8	113.8#
121	0.0	25.8	38.6#

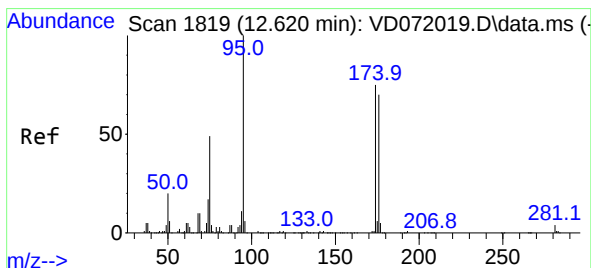
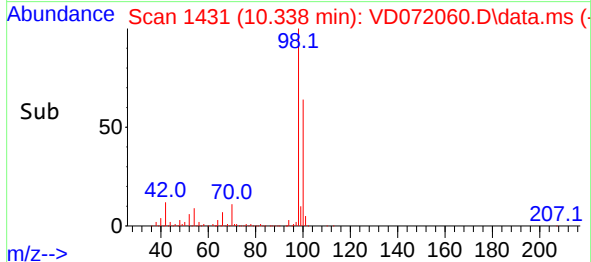
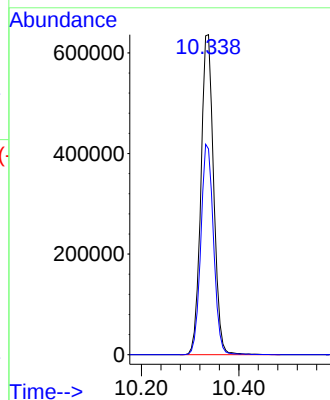
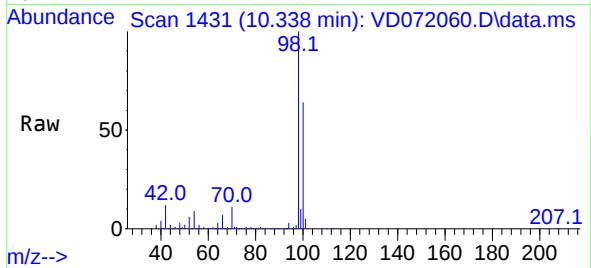




#50
Toluene-d8
Concen: 55.031 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

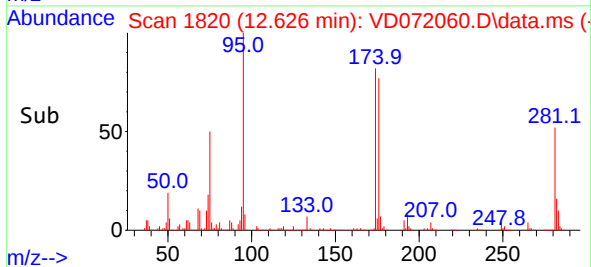
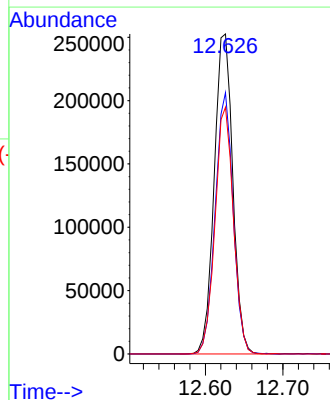
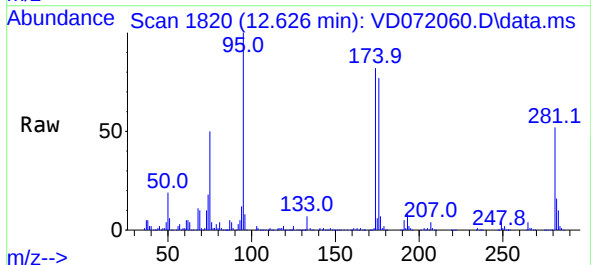
Instrument :
MSVOA_D
ClientSampleId :

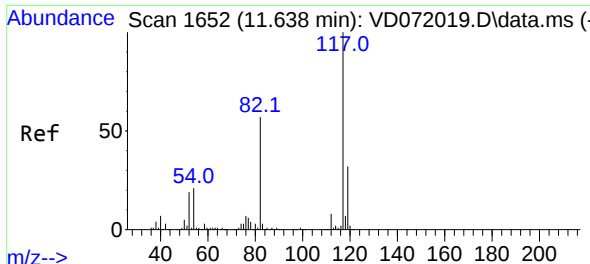
Tgt Ion: 98 Resp: 1153844
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.643 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

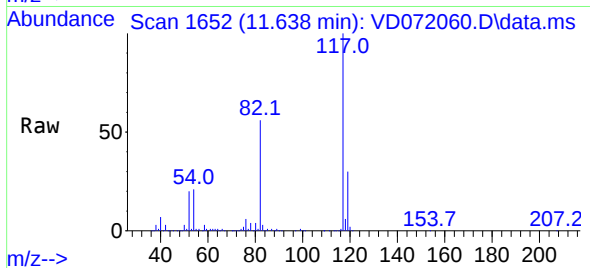
Tgt Ion: 95 Resp: 420856
Ion Ratio Lower Upper
95 100
174 79.0 0.0 155.0
176 76.1 0.0 148.8



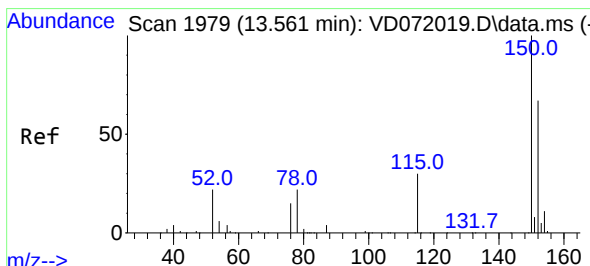
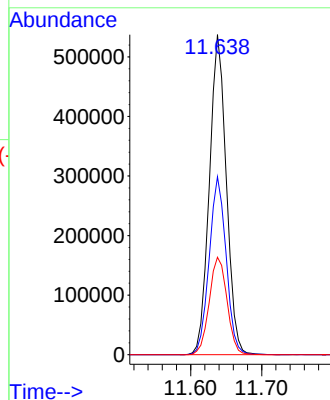
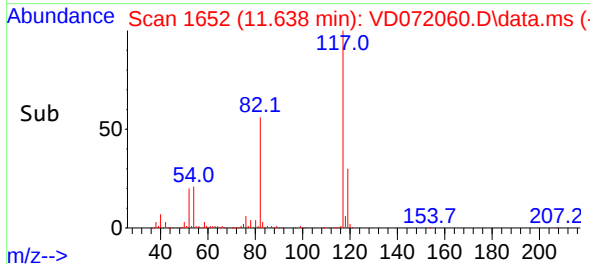


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11652
Delta R.T. 0.000 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

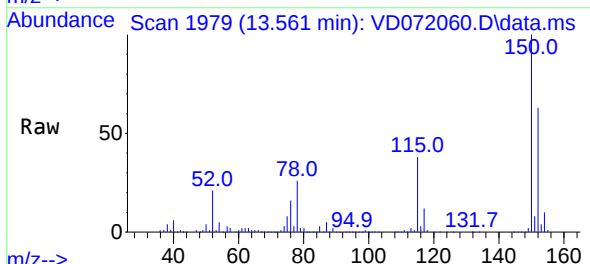
Instrument :
MSVOA_D
ClientSampleId :



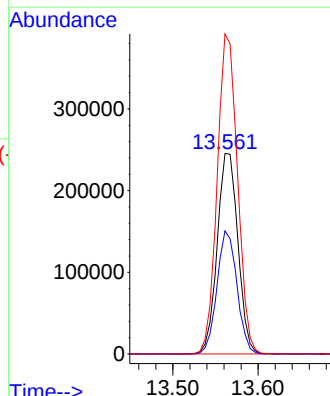
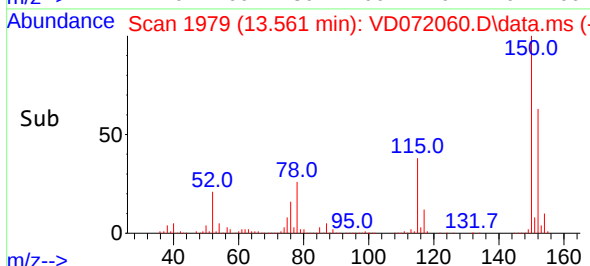
Tgt Ion:117 Resp: 890561
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.0
119 30.4 25.4 38.2

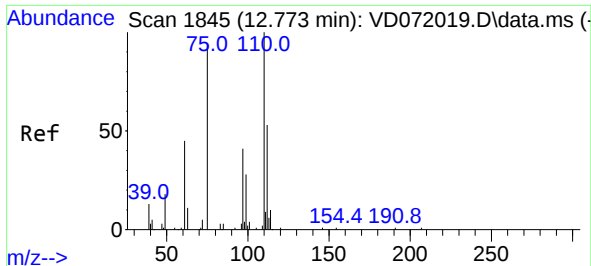


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32



Tgt Ion:152 Resp: 414706
Ion Ratio Lower Upper
152 100
115 59.2 29.9 89.7
150 156.6 0.0 347.6

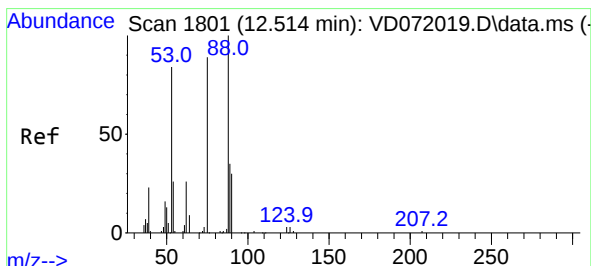
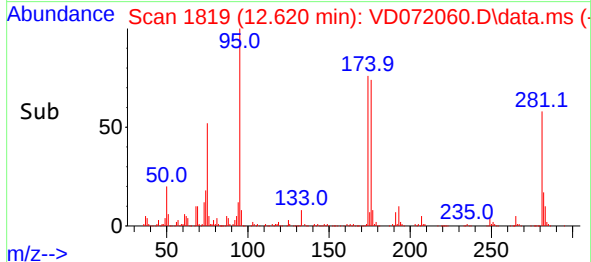
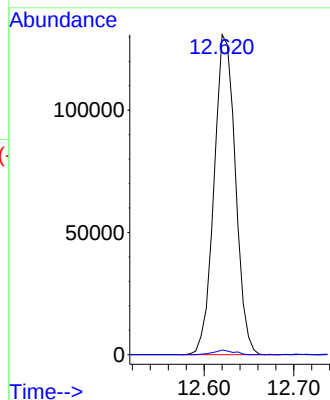
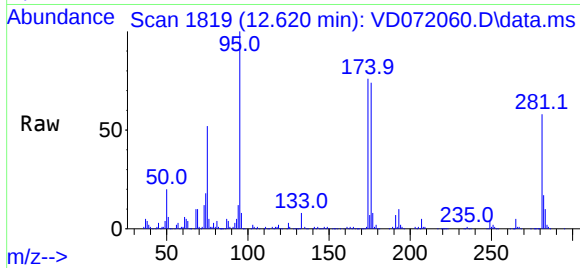




#76
1,2,3-Trichloropropane
Concen: 55.023 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 216143
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.791 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072060.D
Acq: 22 Feb 2022 16:32

Tgt Ion: 75 Resp: 216143
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 1.0 36.4 54.6#

