

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032322\
 Data File : VD072390.D
 Acq On : 23 Mar 2022 18:09
 Operator : VA/SY
 Sample : N2063-10
 Misc : 6.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 24 00:54:13 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	339579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	579126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	658481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	336041	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178856	47.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.520%
35) Dibromofluoromethane	7.908	113	184780	45.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.680%
50) Toluene-d8	10.337	98	736065	49.395	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.626	95	347876	60.081	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.160%

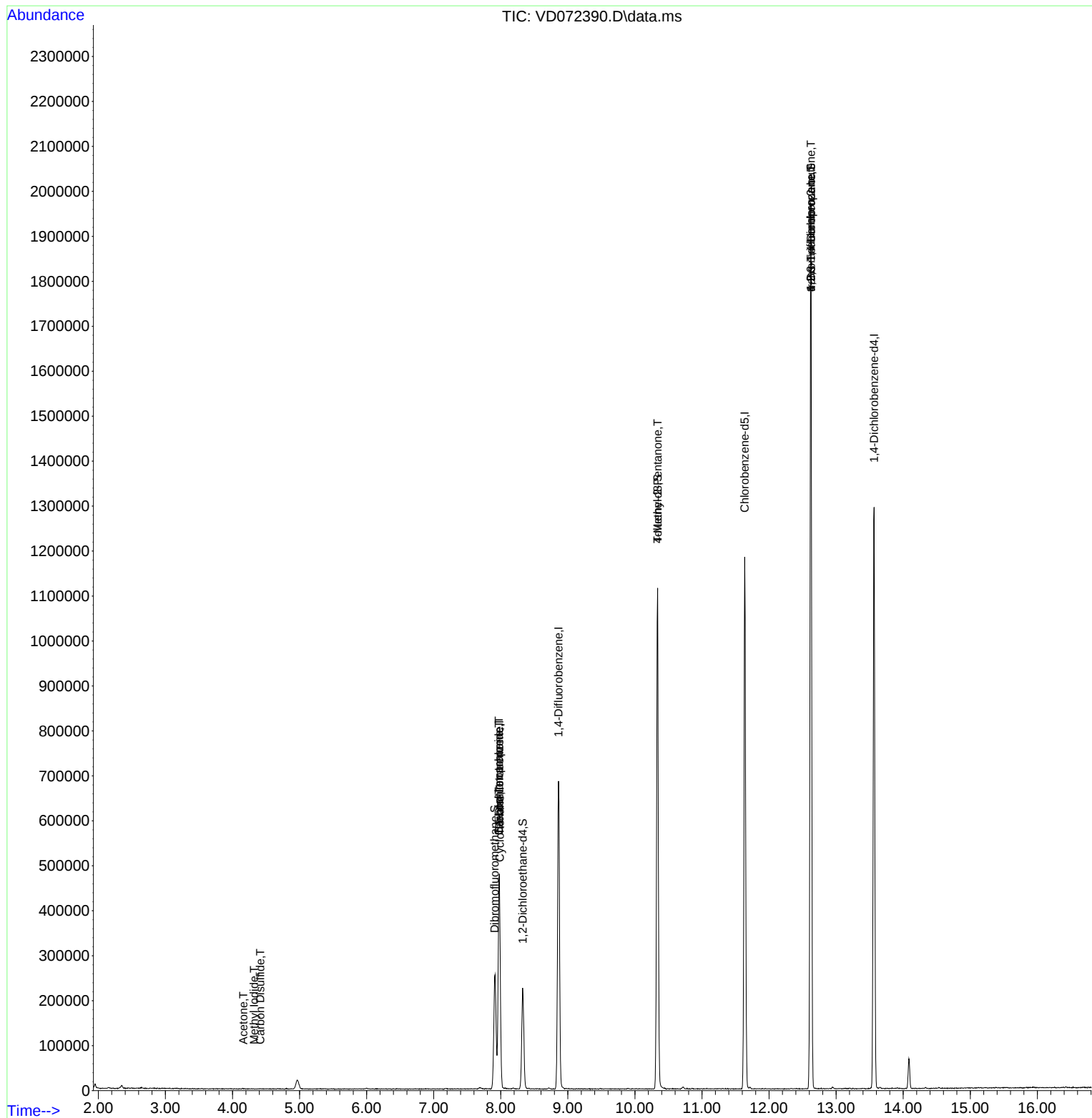
Target Compounds					Qvalue	
10) Methyl Iodide	4.320	142	123	2.261	ug/l #	38
16) Acetone	4.161	43	1245	1.515	ug/l #	47
17) Carbon Disulfide	4.414	76	682	1.591	ug/l #	74
20) Methylene Chloride	4.961	84	15218	Below Cal		87
31) Cyclohexane	7.985	56	8761	1.482	ug/l #	34
36) 1,1-Dichloropropene	7.973	75	29373	5.138	ug/l #	52
38) Carbon Tetrachloride	7.973	117	36528	5.621	ug/l #	16
51) 4-Methyl-2-Pentanone	10.337	43	3979	1.559	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	190038	51.267	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	190038	127.199	ug/l #	8

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

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Mar 24 00:54:13 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

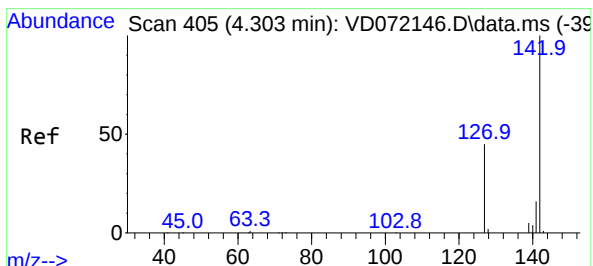
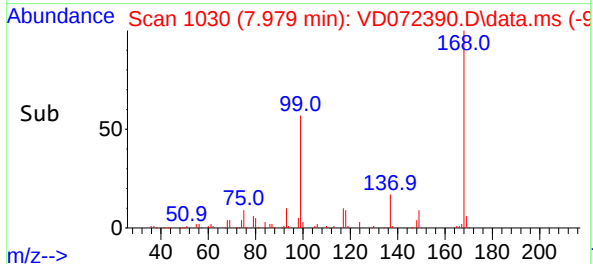
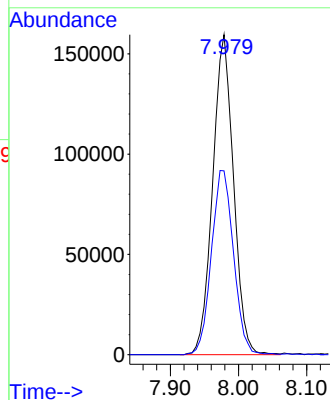
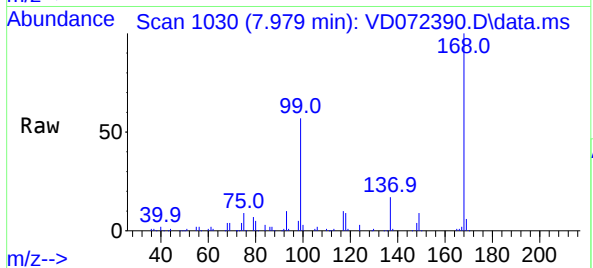




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

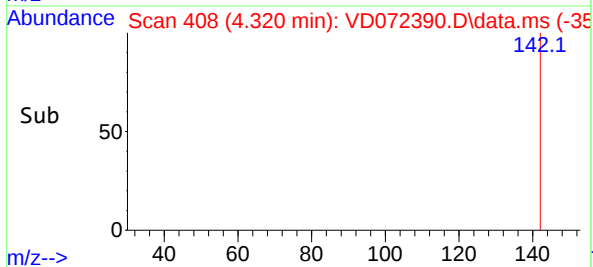
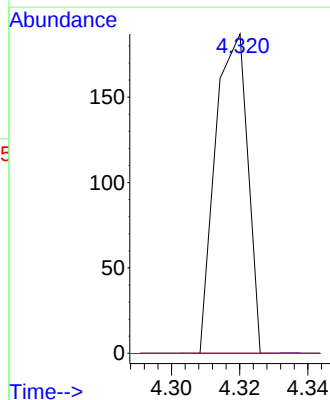
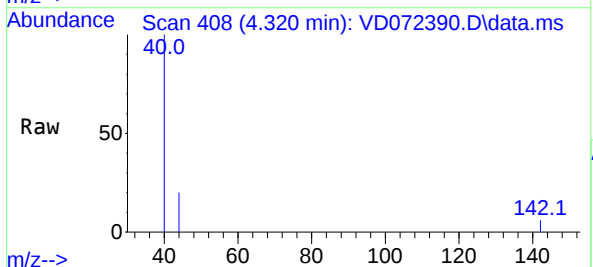
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 339579
Ion Ratio Lower Upper
168 100
99 57.5 49.8 74.6



#10
Methyl Iodide
Concen: 2.261 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

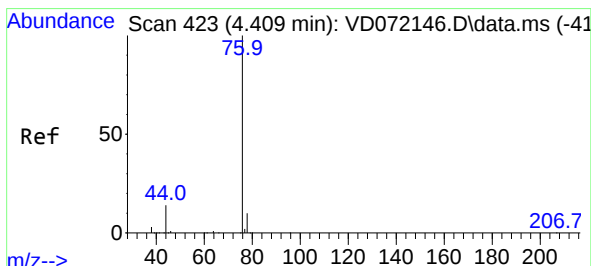
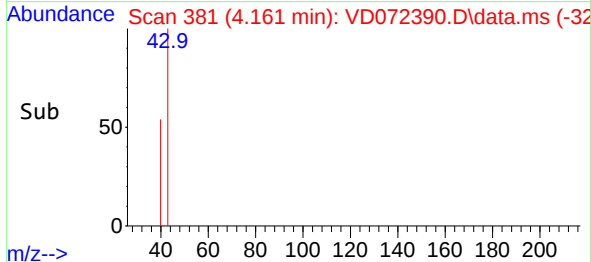
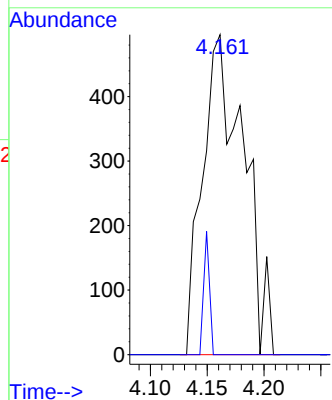
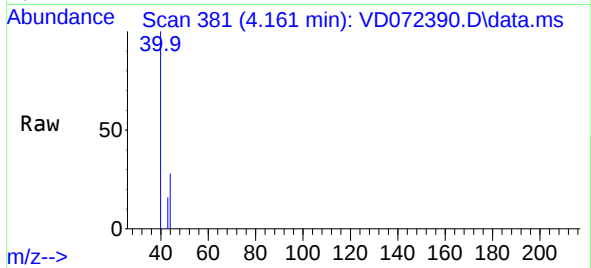




#16
Acetone
Concen: 1.515 ug/l
RT: 4.161 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

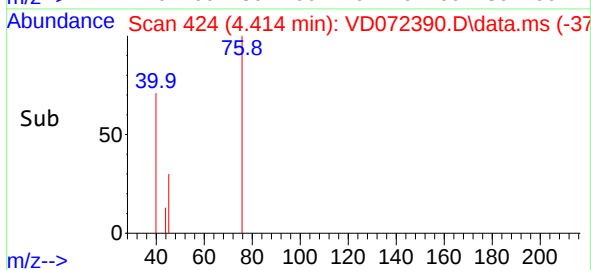
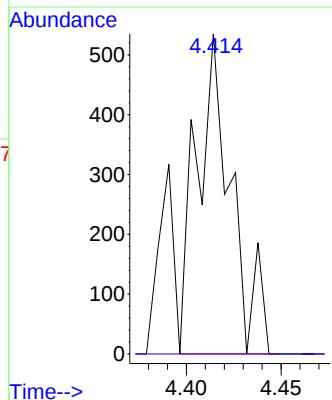
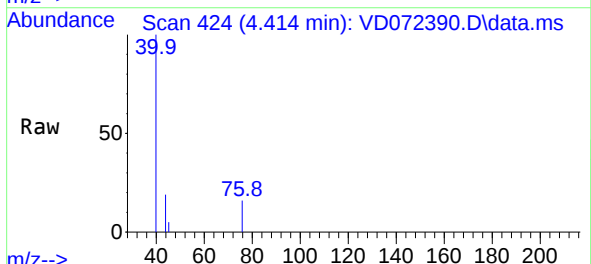
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MSVOA_D
ClientSampleId :

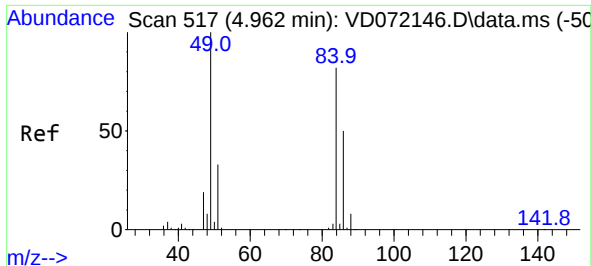
Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.591 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

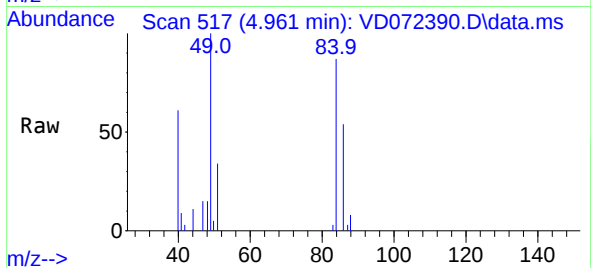
Tgt Ion: 76 Resp: 682
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





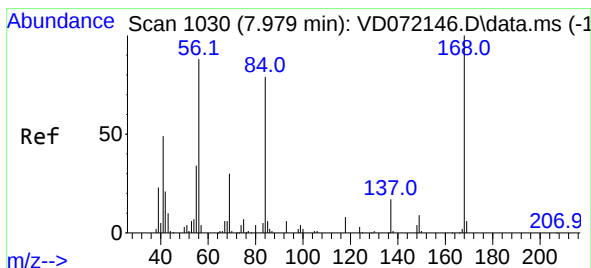
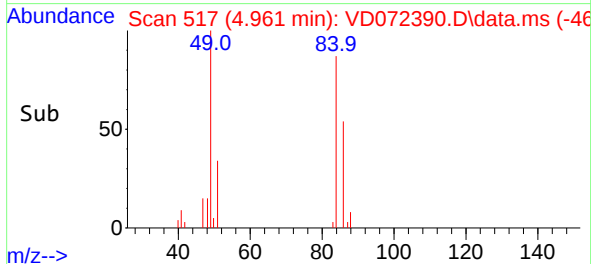
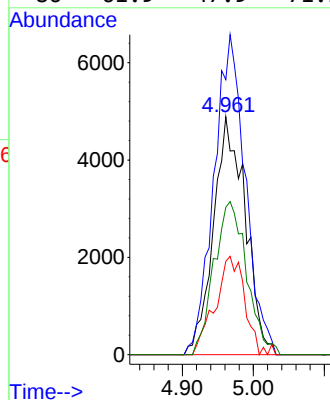
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 15218

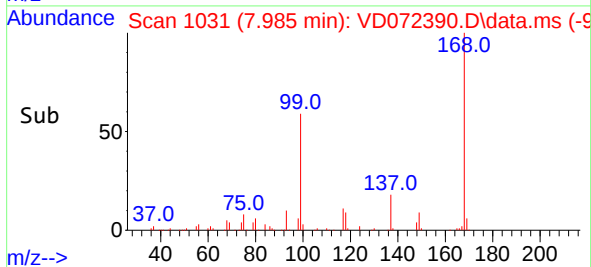
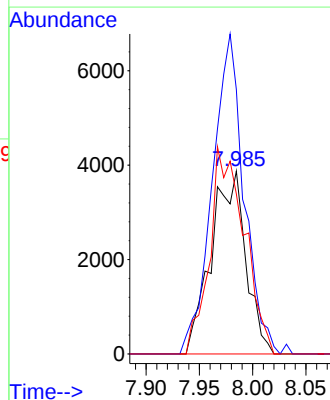
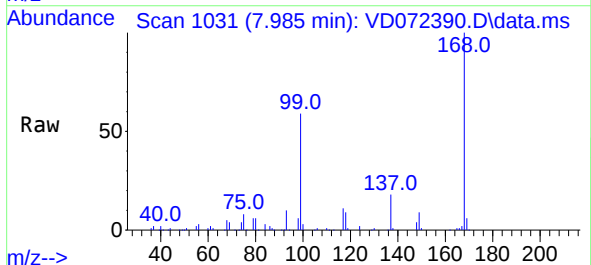
Ion	Ratio	Lower	Upper
84	100		
49	115.6	112.8	169.2
51	39.2	32.6	48.8
86	61.9	47.9	71.9

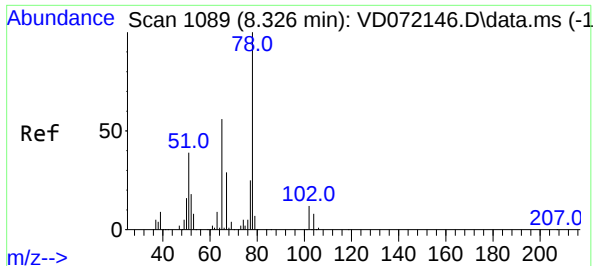


#31
Cyclohexane
Concen: 1.482 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Tgt Ion: 56 Resp: 8761

Ion	Ratio	Lower	Upper
56	100		
69	144.5	25.4	38.2#
84	87.5	63.0	94.4





#33

1,2-Dichloroethane-d4

Concen: 47.261 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072390.D

Acq: 23 Mar 2022 18:09

Instrument :

MSVOA_D

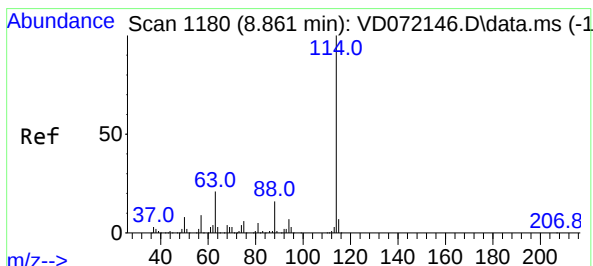
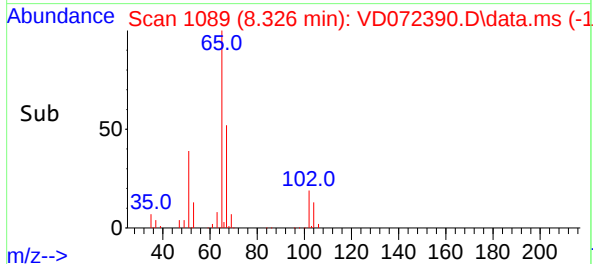
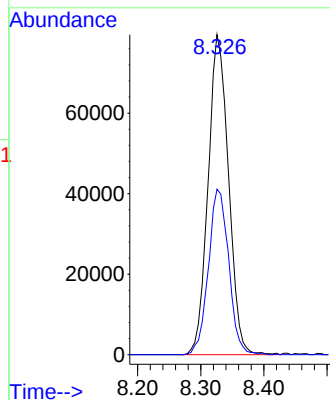
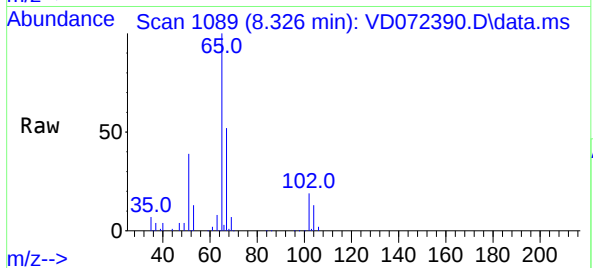
ClientSampleId :

Tgt Ion: 65 Resp: 178856

Ion Ratio Lower Upper

65 100

67 51.4 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: VD072390.D

Acq: 23 Mar 2022 18:09

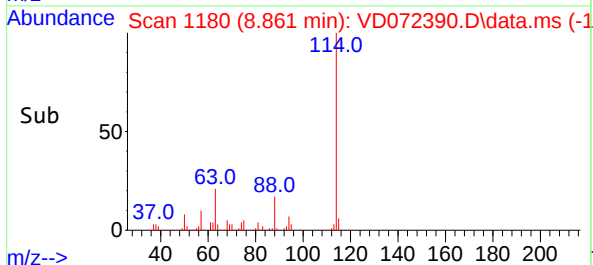
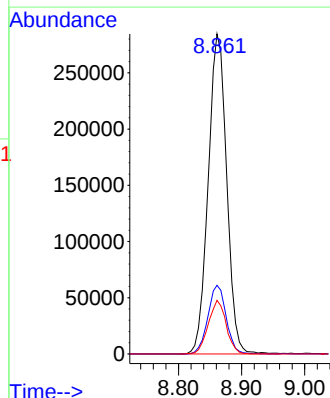
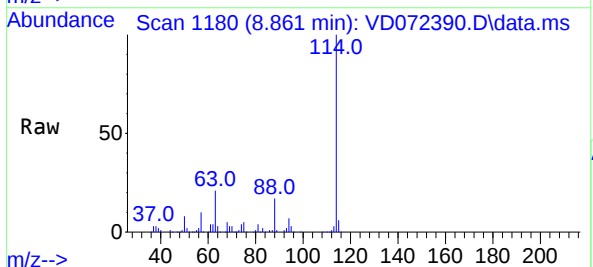
Tgt Ion: 114 Resp: 579126

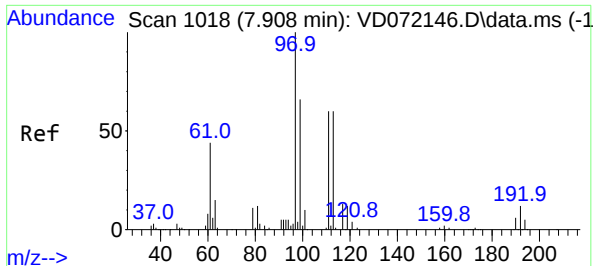
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

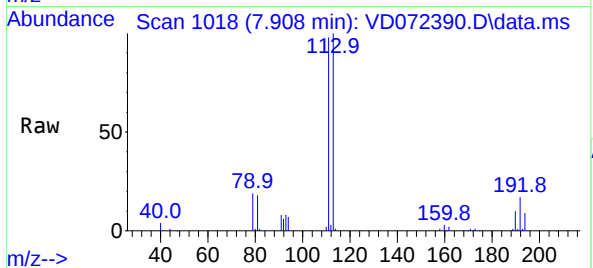
88 16.7 0.0 33.2



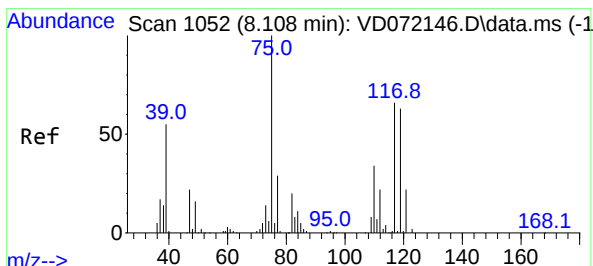
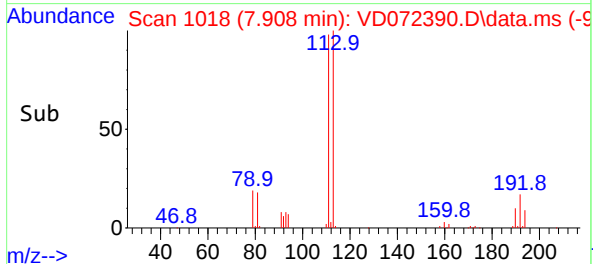
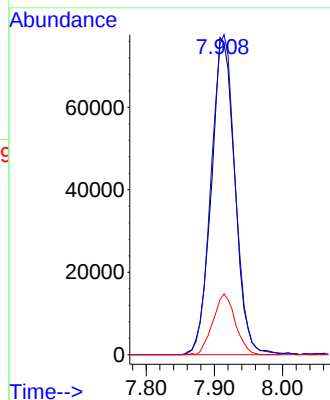


#35
Dibromofluoromethane
Concen: 45.341 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Instrument :
MSVOA_D
ClientSampleId :

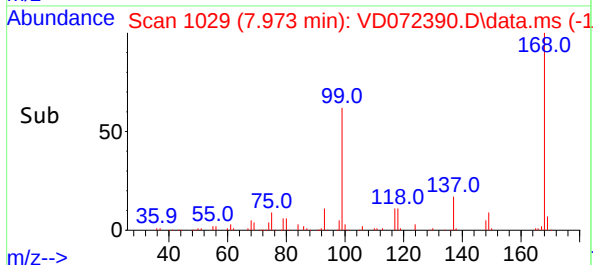
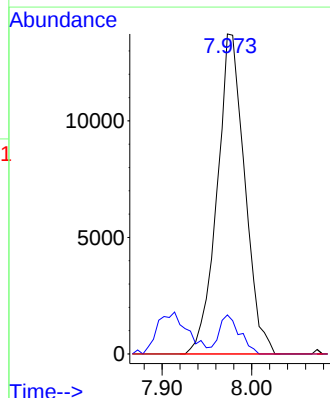
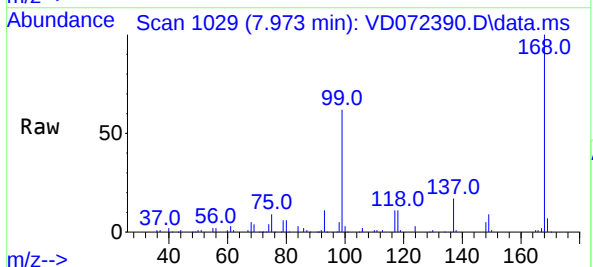


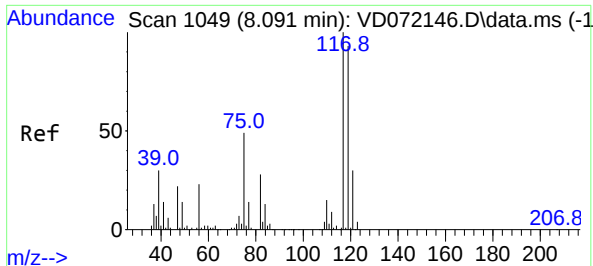
Tgt Ion:113 Resp: 184780
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 18.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

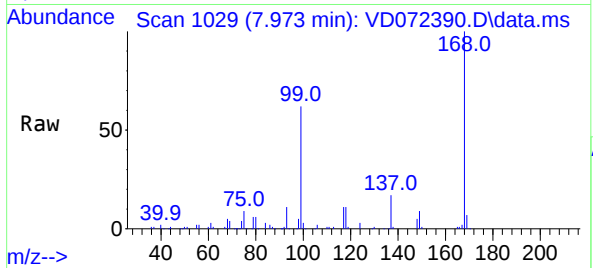
Tgt Ion: 75 Resp: 29373
Ion Ratio Lower Upper
75 100
110 9.3 16.4 49.1#
77 0.0 24.2 36.2#



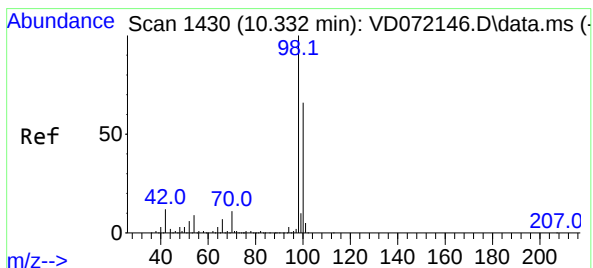
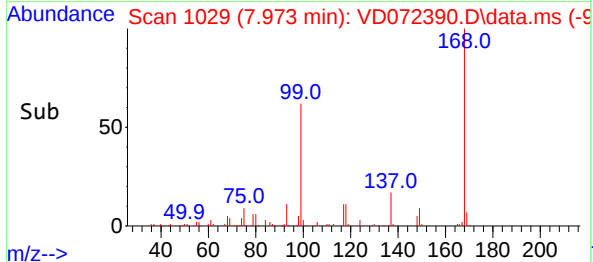
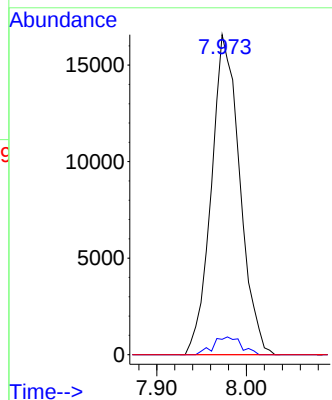


#38
Carbon Tetrachloride
Concen: 5.621 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Instrument :
MSVOA_D
ClientSampleId :

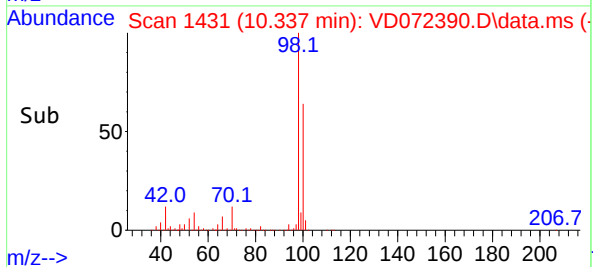
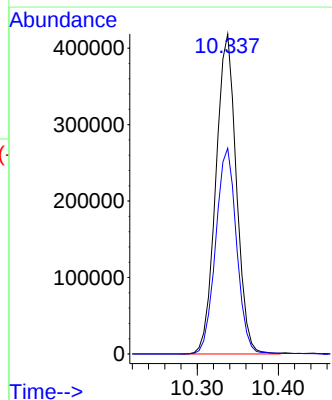
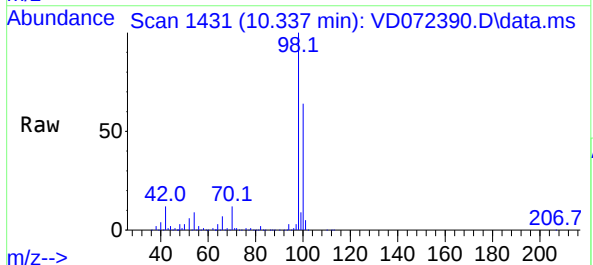


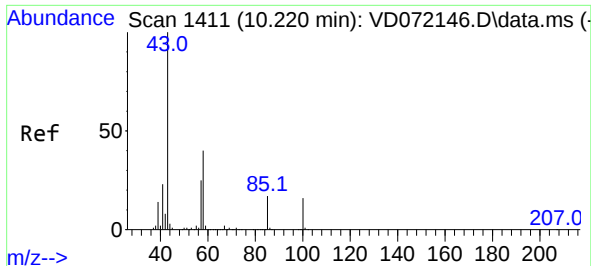
Tgt Ion:117 Resp: 36528
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.395 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Tgt Ion: 98 Resp: 736065
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

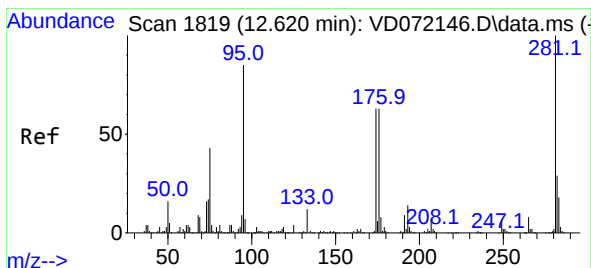
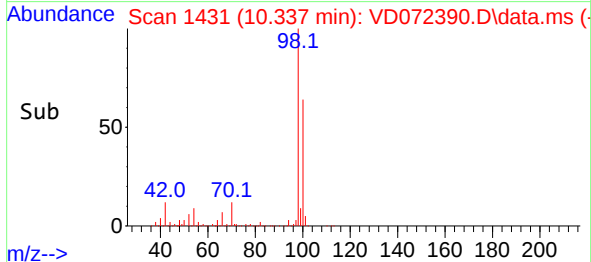
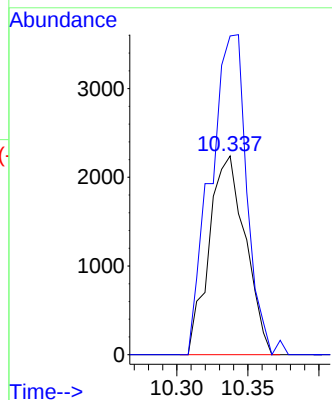
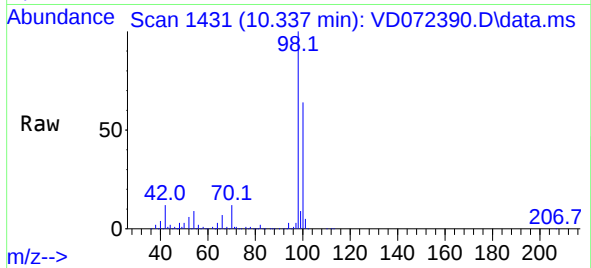




#51
4-Methyl-2-Pentanone
Concen: 1.559 ug/l
RT: 10.337 min Scan# 1411
Delta R.T. 0.117 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

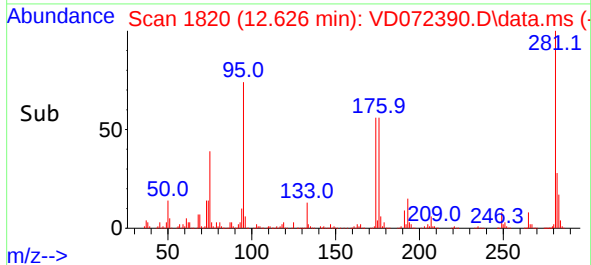
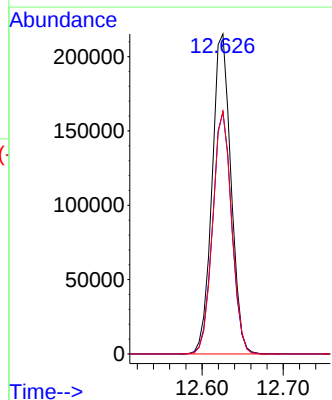
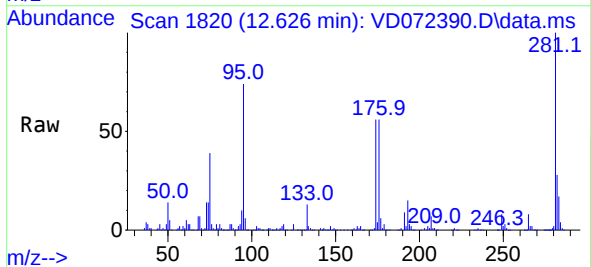
Instrument :
MSVOA_D
ClientSampleId :

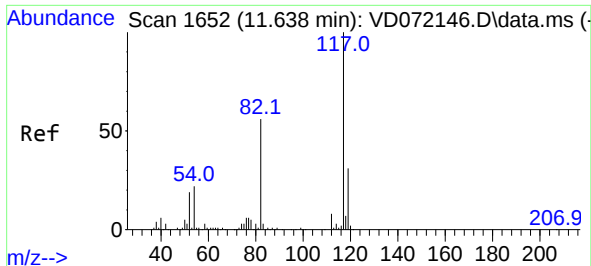
Tgt Ion: 43 Resp: 3979
Ion Ratio Lower Upper
43 100
58 162.2 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 60.081 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

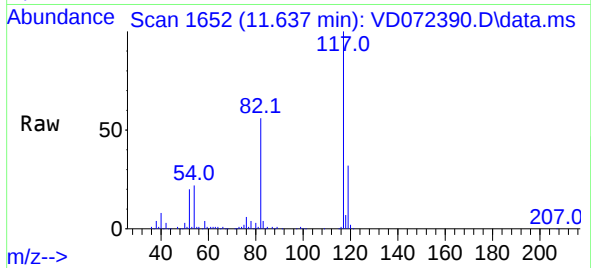
Tgt Ion: 95 Resp: 347876
Ion Ratio Lower Upper
95 100
174 76.1 0.0 152.8
176 75.7 0.0 145.4



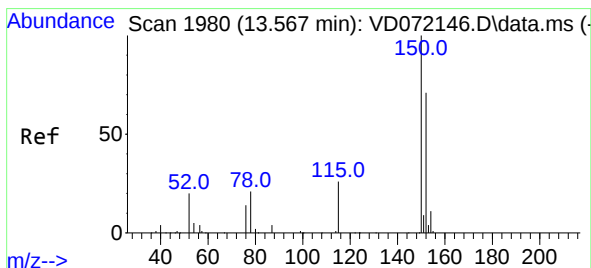
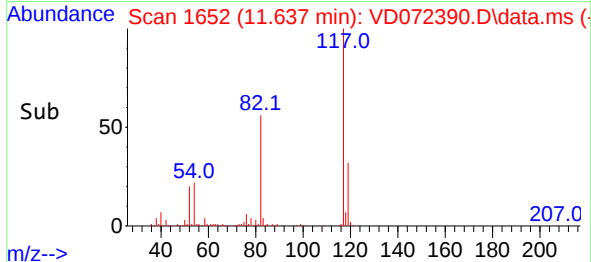
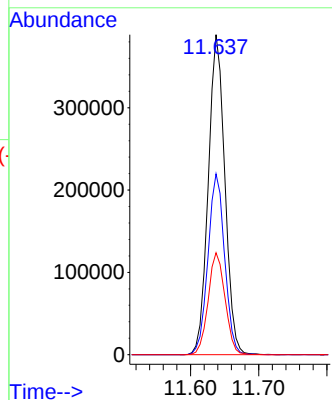


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Instrument :
MSVOA_D
ClientSampleId :

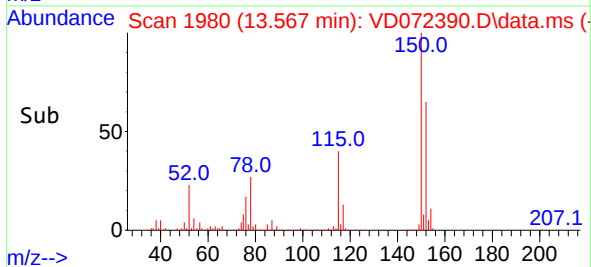
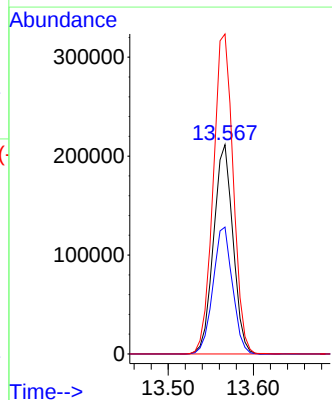
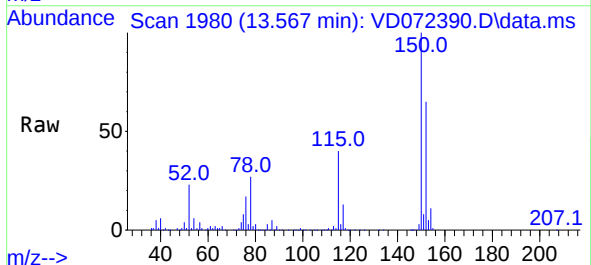


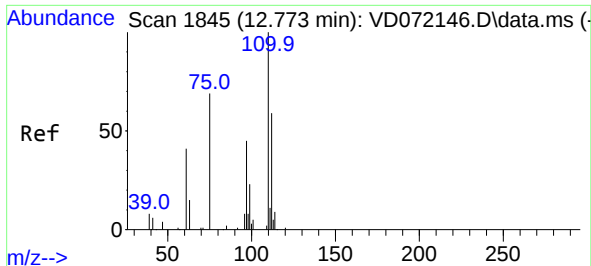
Tgt Ion:117 Resp: 658481
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 31.8 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Tgt Ion:152 Resp: 336041
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 157.2 0.0 348.6

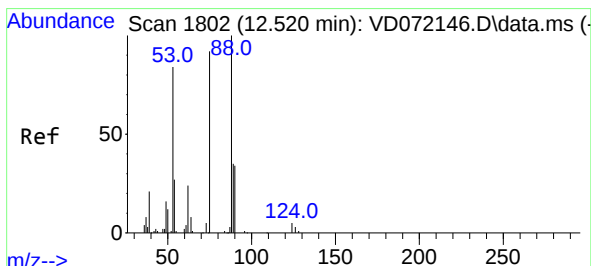
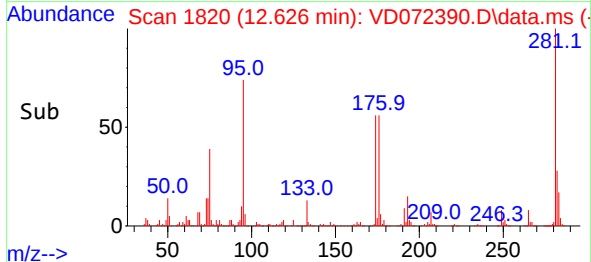
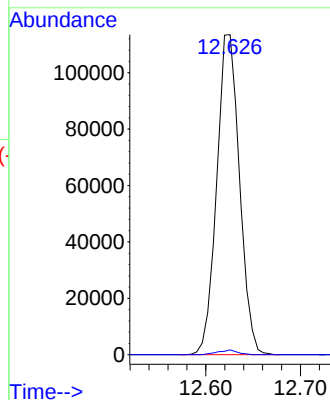
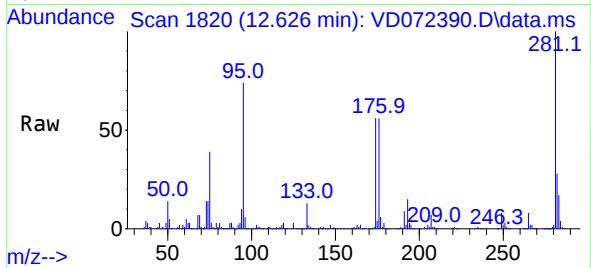




#76
1,2,3-Trichloropropane
Concen: 51.267 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 190038
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.199 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072390.D
Acq: 23 Mar 2022 18:09

Tgt Ion: 75 Resp: 190038
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 1.9 33.9 50.9#

