

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072098.D
 Acq On : 25 Feb 2022 14:11
 Operator : VA/SY
 Sample : N1655-01
 Misc : 5.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 REG-PUMP

Quant Time: Feb 26 05:41:54 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)

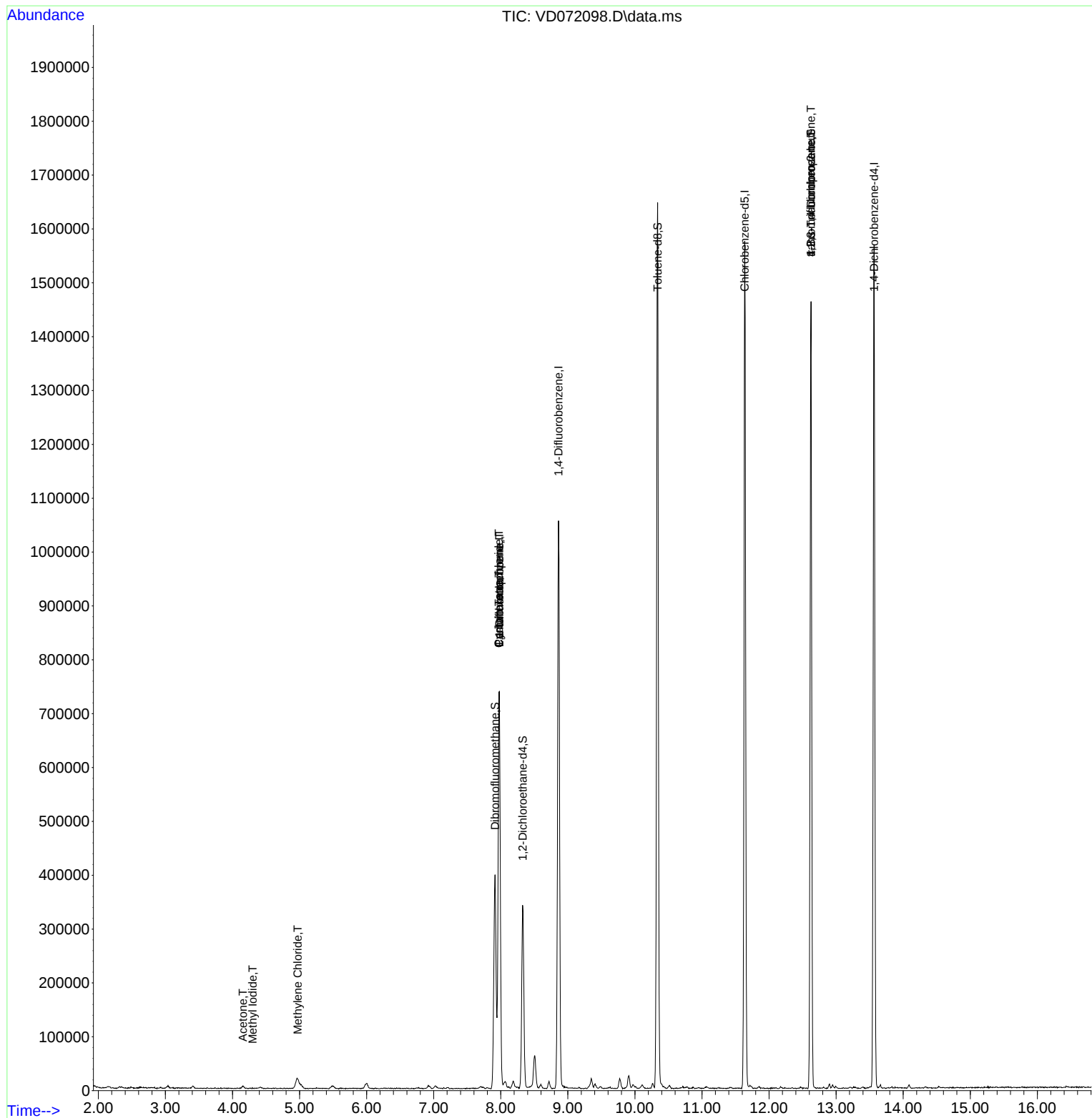
Internal Standards						
1) Pentafluorobenzene	7.979	168	536556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	908614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	870516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	419266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	271627	48.804	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.600%
35) Dibromofluoromethane	7.914	113	283519	51.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.000%
50) Toluene-d8	10.337	98	1120430	54.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.760%
62) 4-Bromofluorobenzene	12.626	95	407277	54.311	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.620%
Target Compounds						
5) Bromomethane	2.773	94	807	Below Cal	Qvalue	91
10) Methyl Iodide	4.303	142	833	3.053 ug/l #		58
16) Acetone	4.155	43	6307	5.243 ug/l		92
18) Methyl Acetate	4.785	43	55	Below Cal #		52
20) Methylene Chloride	4.973	84	12838	2.145 ug/l		94
31) Cyclohexane	7.973	56	18219	1.853 ug/l #		11
36) 1,1-Dichloropropene	7.979	75	43118	5.171 ug/l #		49
38) Carbon Tetrachloride	7.973	117	56380	6.597 ug/l #		15
76) 1,2,3-Trichloropropane	12.626	75	213633	53.793 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.626	75	213633	134.709 ug/l #		10

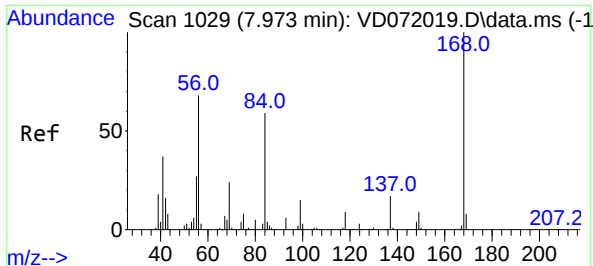
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

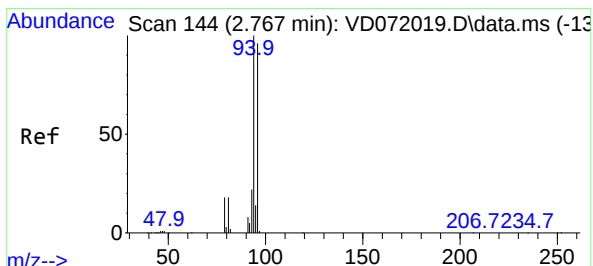
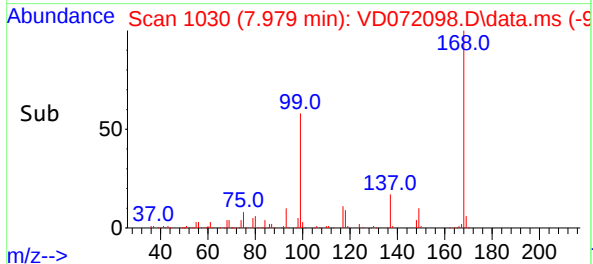
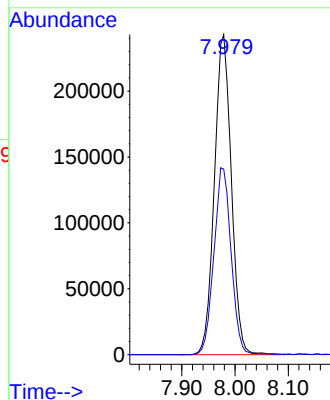
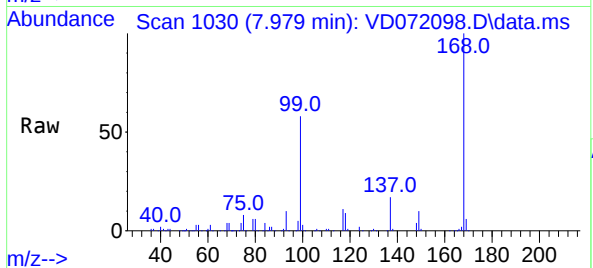




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

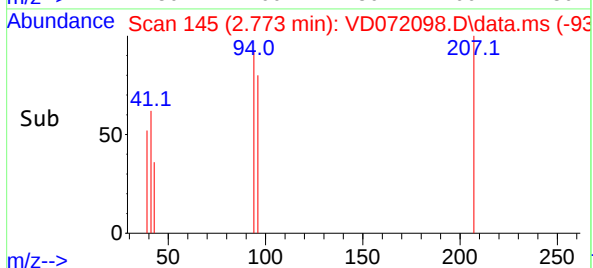
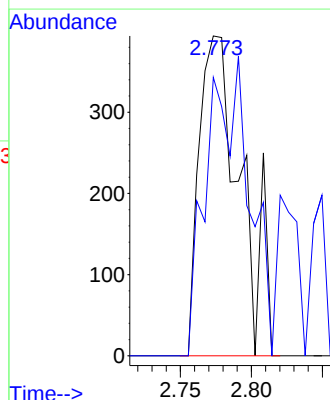
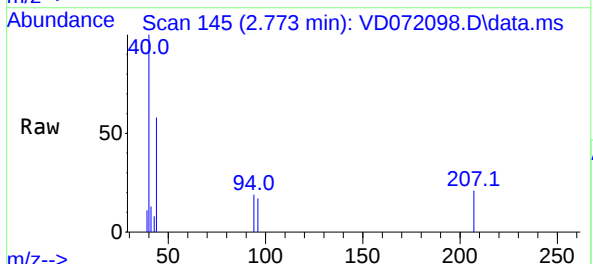
Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

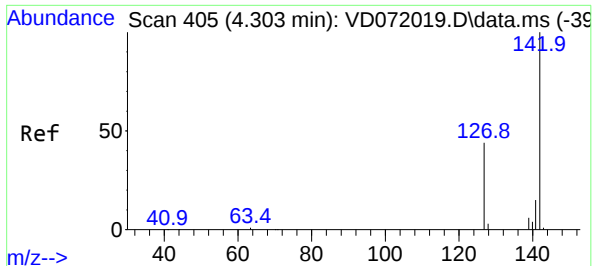
Tgt Ion:168 Resp: 536556
Ion Ratio Lower Upper
168 100
99 58.0 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion: 94 Resp: 807
Ion Ratio Lower Upper
94 100
96 87.1 76.8 115.2

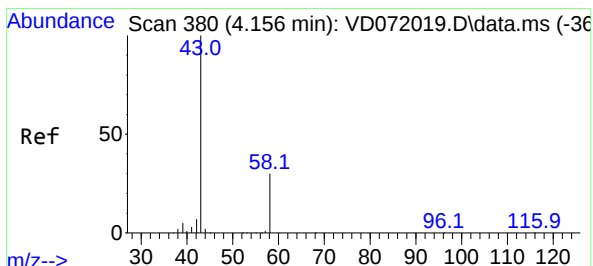
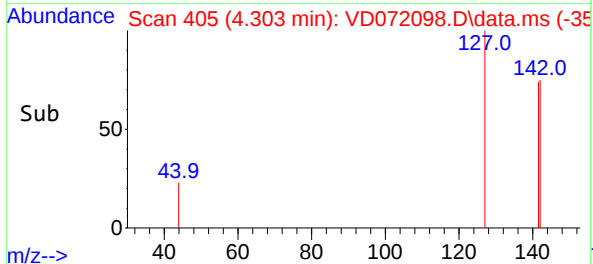
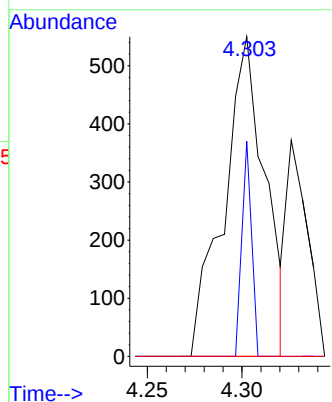
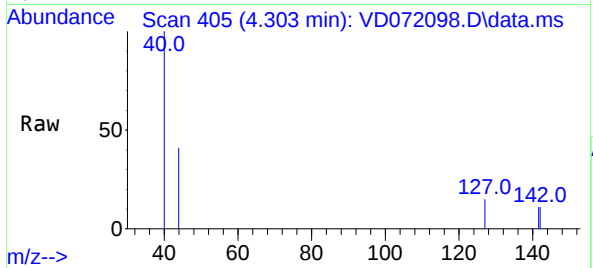




#10
Methyl Iodide
Concen: 3.053 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

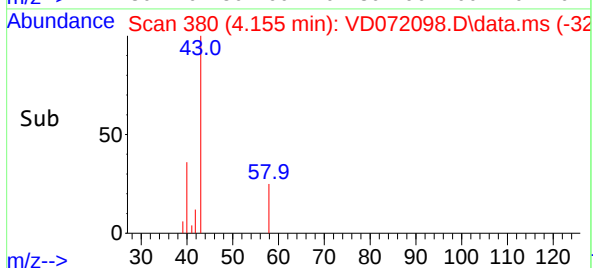
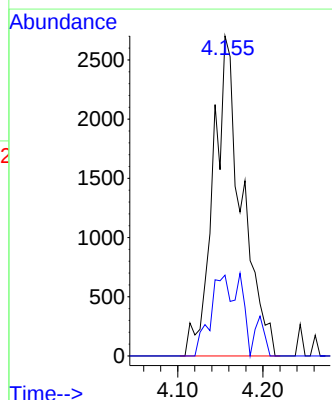
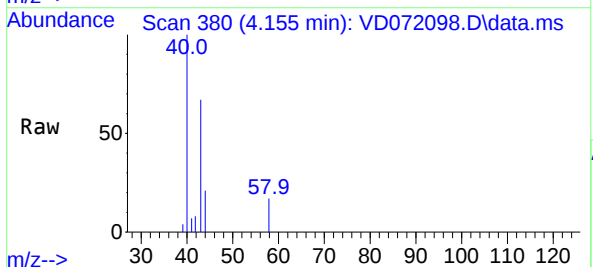
Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

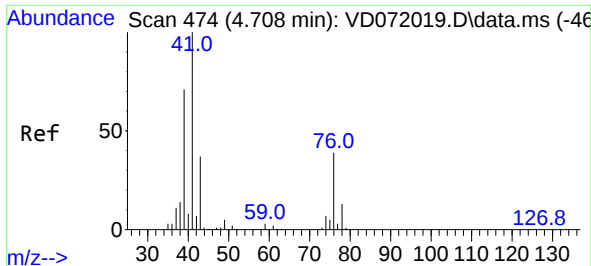
Tgt Ion:142 Resp: 833
Ion Ratio Lower Upper
142 100
127 15.7 35.8 53.8#
141 0.0 11.6 17.4#



#16
Acetone
Concen: 5.243 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion: 43 Resp: 6307
Ion Ratio Lower Upper
43 100
58 25.3 23.8 35.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.785 min Scan# 41

Delta R.T. 0.077 min

Lab File: VD072098.D

Acq: 25 Feb 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

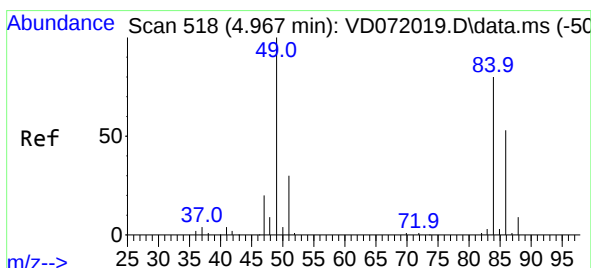
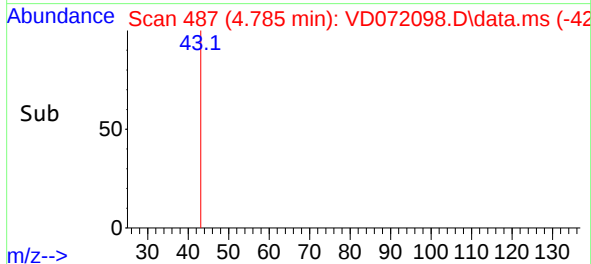
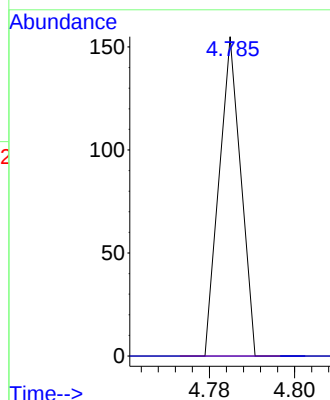
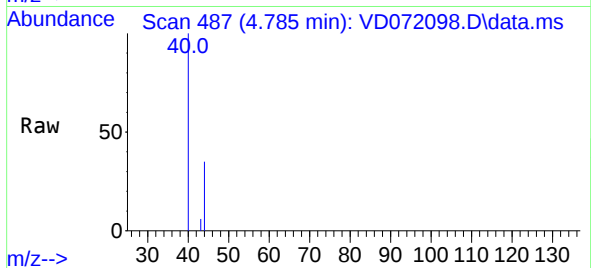
REG-PUMP

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#20

Methylene Chloride

Concen: 2.145 ug/l

RT: 4.973 min Scan# 519

Delta R.T. 0.006 min

Lab File: VD072098.D

Acq: 25 Feb 2022 14:11

Tgt Ion: 84 Resp: 12838

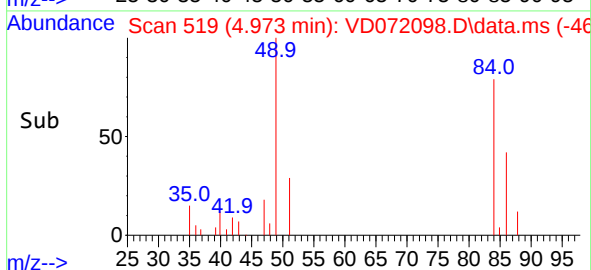
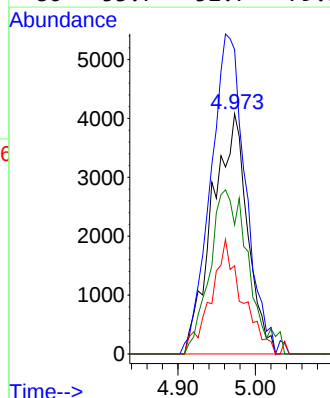
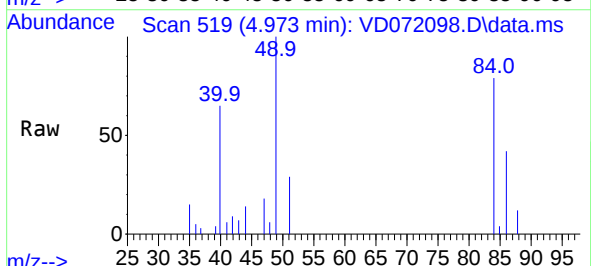
Ion Ratio Lower Upper

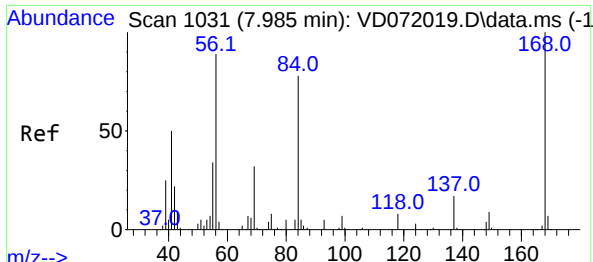
84 100

49 126.7 100.0 150.0

51 36.7 30.2 45.4

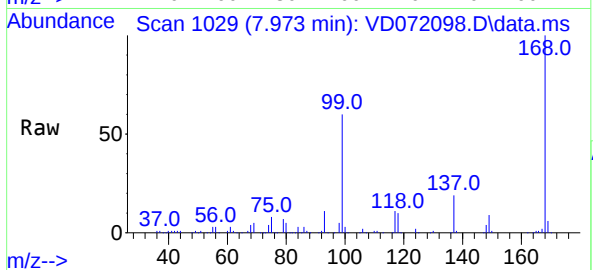
86 53.7 52.7 79.1



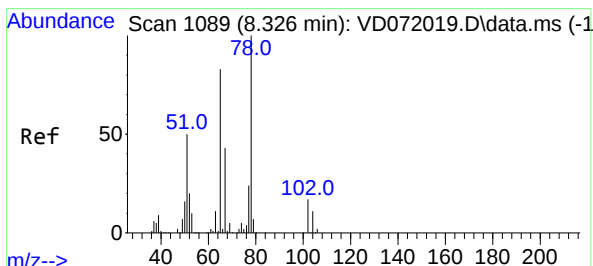
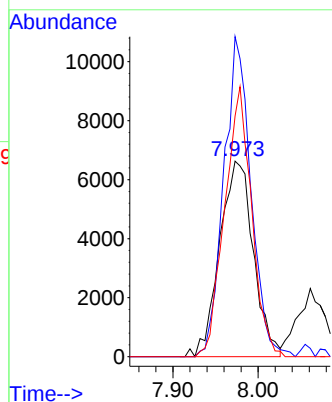
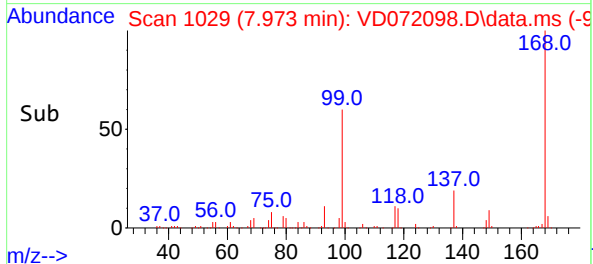


#31
Cyclohexane
Concen: 1.853 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

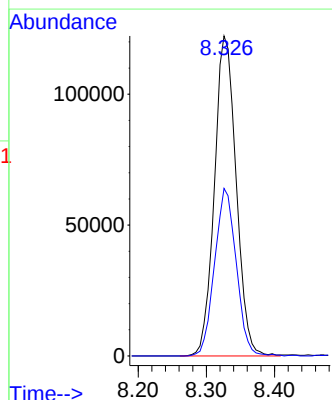
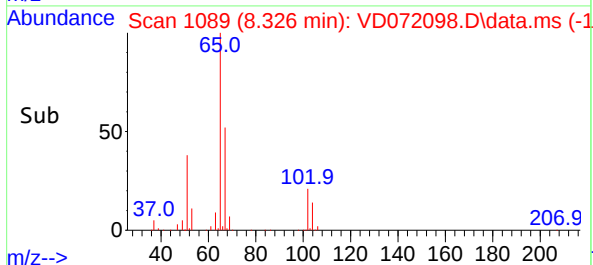
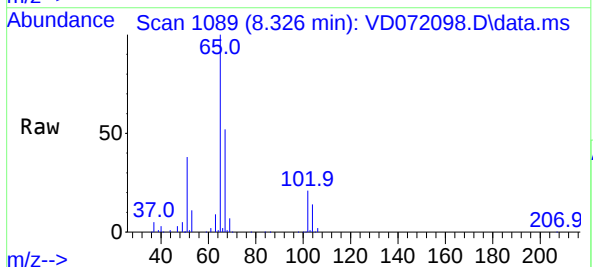


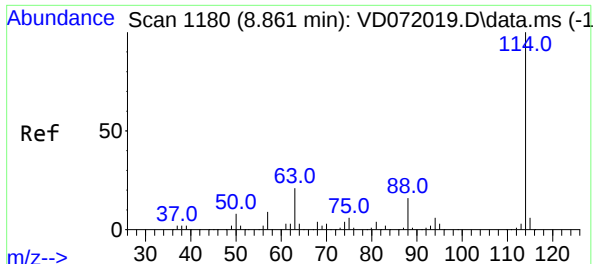
Tgt Ion: 56 Resp: 18219
Ion Ratio Lower Upper
56 100
69 163.6 28.9 43.3#
84 123.1 70.6 105.8#



#33
1,2-Dichloroethane-d4
Concen: 48.804 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion: 65 Resp: 271627
Ion Ratio Lower Upper
65 100
67 52.1 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: VD072098.D

Acq: 25 Feb 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

REG-PUMP

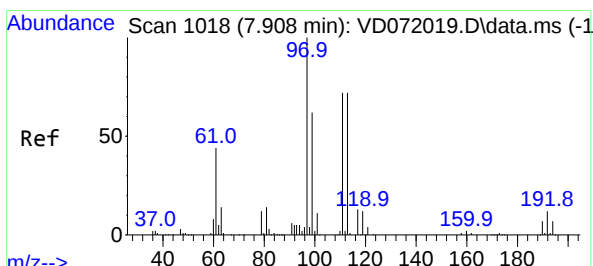
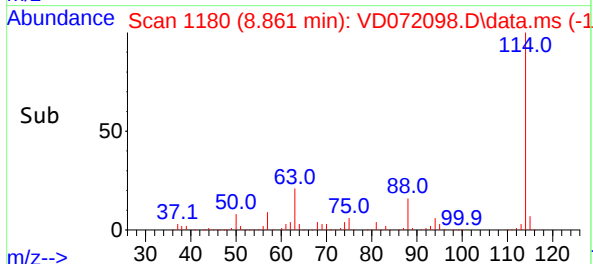
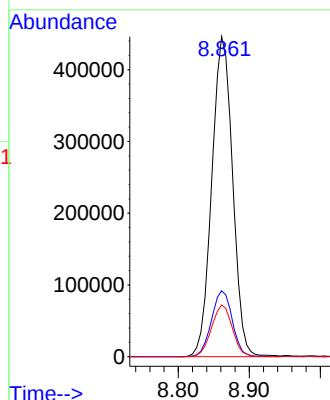
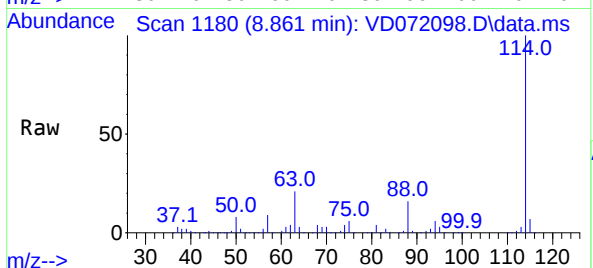
Tgt Ion:114 Resp: 908614

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.2

88 16.2 0.0 31.2



#35

Dibromofluoromethane

Concen: 51.502 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072098.D

Acq: 25 Feb 2022 14:11

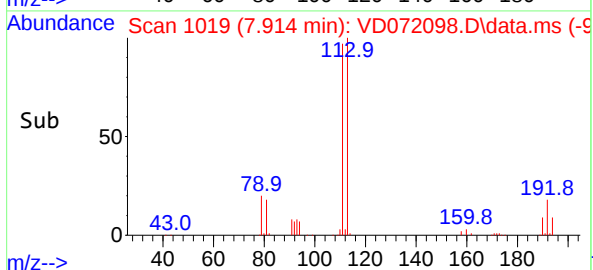
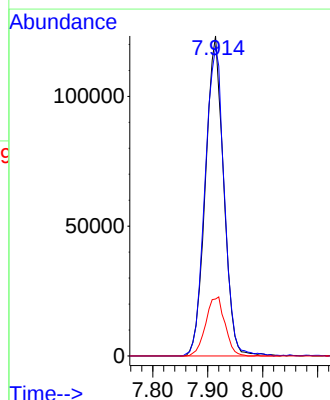
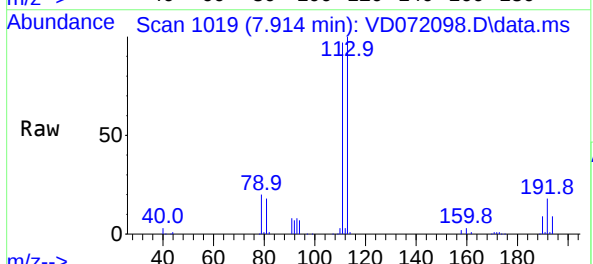
Tgt Ion:113 Resp: 283519

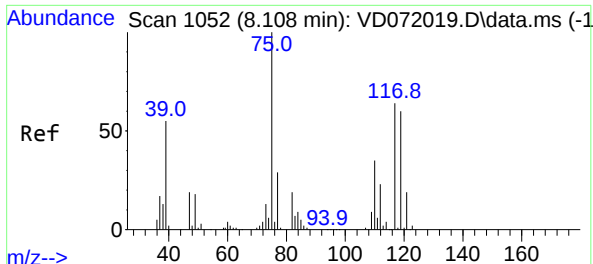
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 19.5 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.171 ug/l

RT: 7.979 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD072098.D

Acq: 25 Feb 2022 14:11

Instrument :

MSVOA_D

ClientSampleId :

REG-PUMP

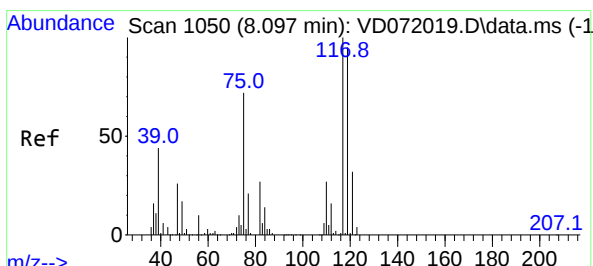
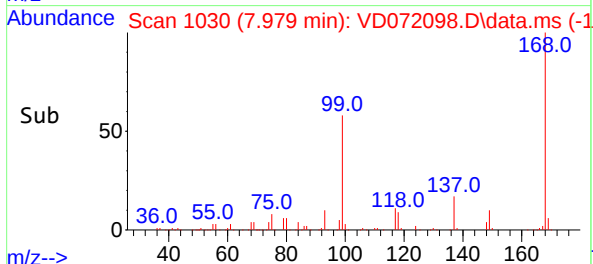
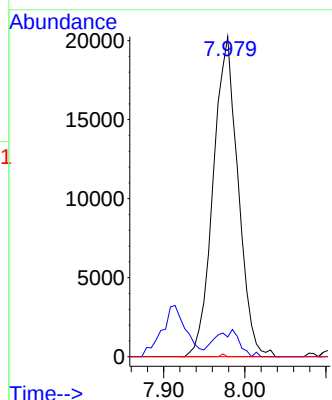
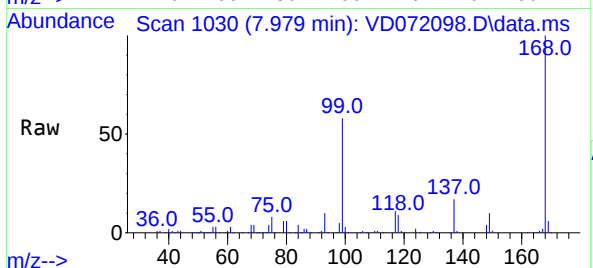
Tgt Ion: 75 Resp: 43118

Ion Ratio Lower Upper

75 100

110 8.3 17.7 53.1#

77 0.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.597 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072098.D

Acq: 25 Feb 2022 14:11

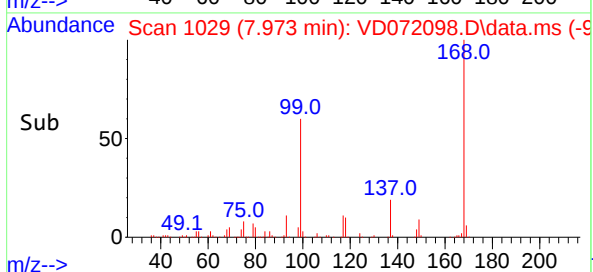
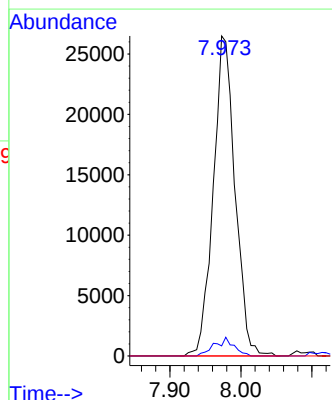
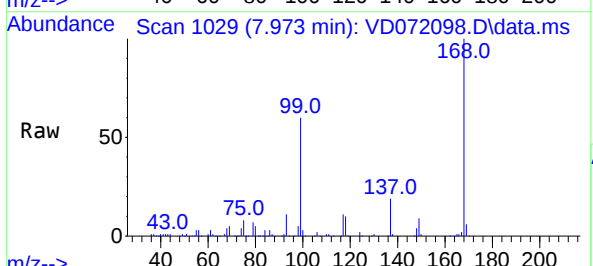
Tgt Ion: 117 Resp: 56380

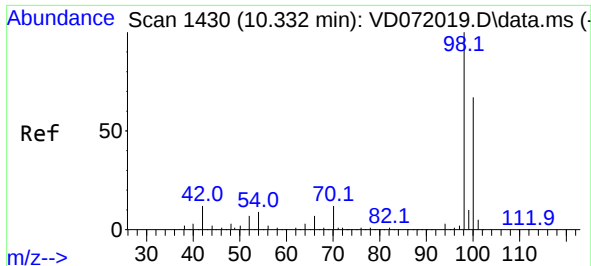
Ion Ratio Lower Upper

117 100

119 3.2 75.8 113.8#

121 0.0 25.8 38.6#

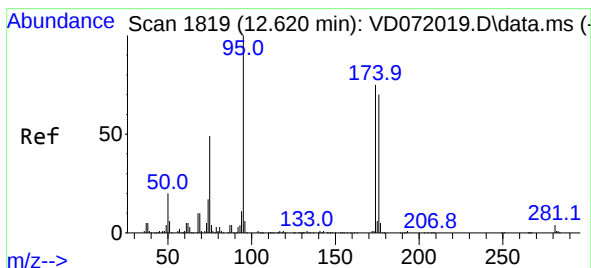
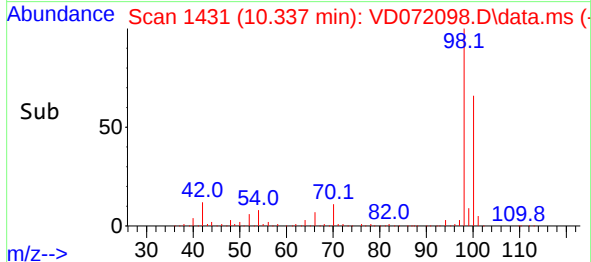
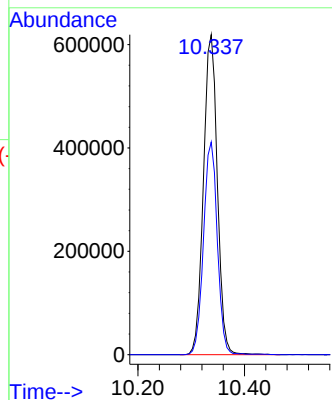
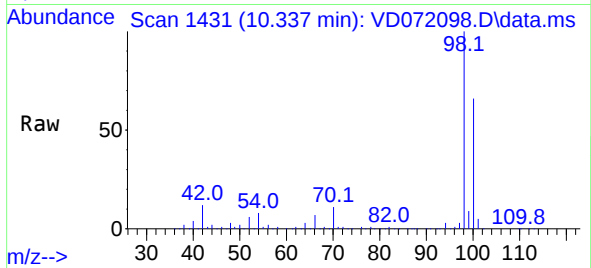




#50
Toluene-d8
Concen: 54.883 ug/l
RT: 10.337 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

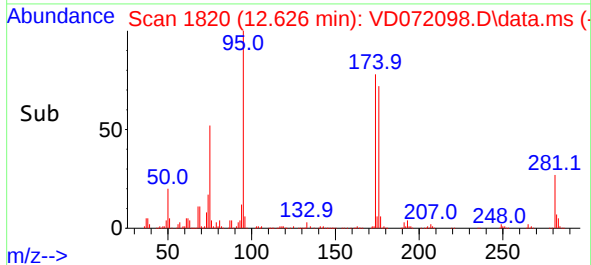
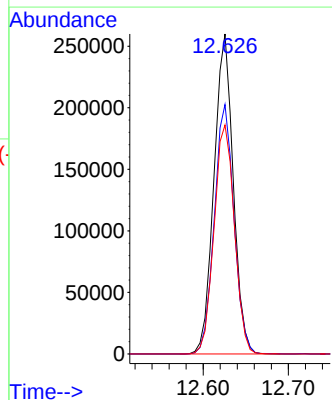
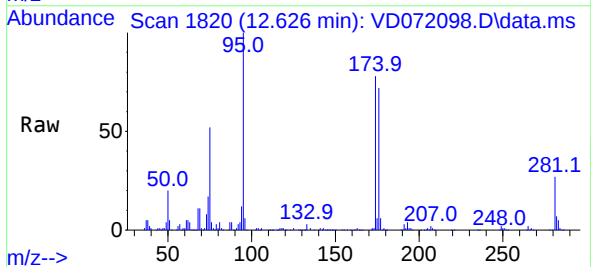
Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

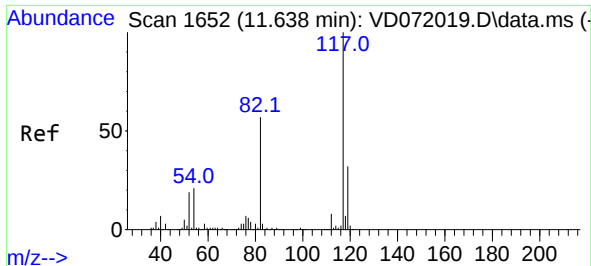
Tgt Ion: 98 Resp: 1120430
Ion Ratio Lower Upper
98 100
100 65.9 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 54.311 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion: 95 Resp: 407277
Ion Ratio Lower Upper
95 100
174 79.8 0.0 155.0
176 75.7 0.0 148.8

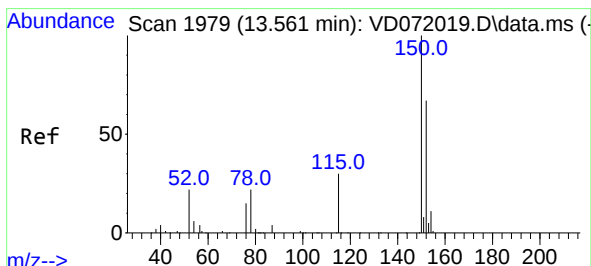
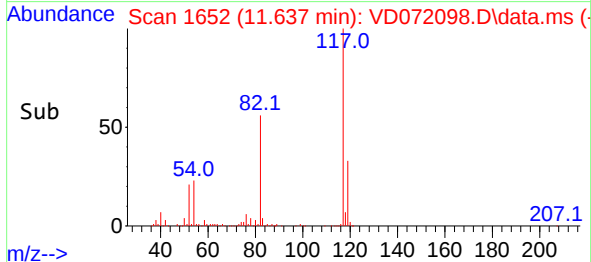
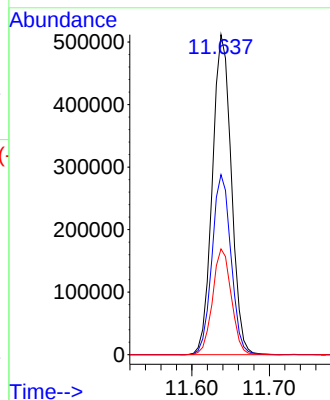
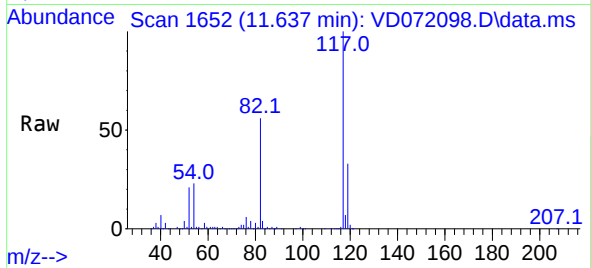




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

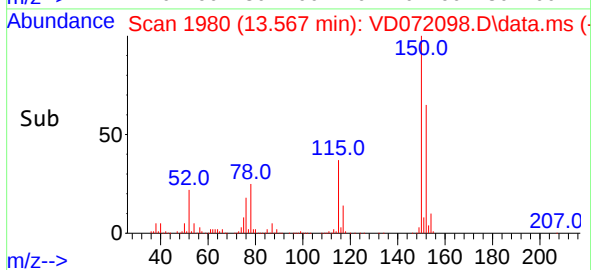
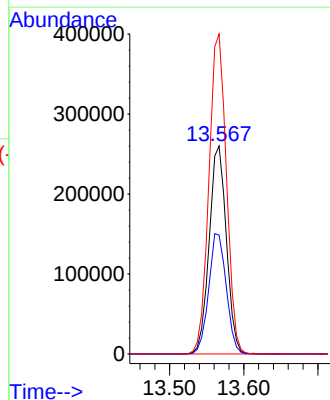
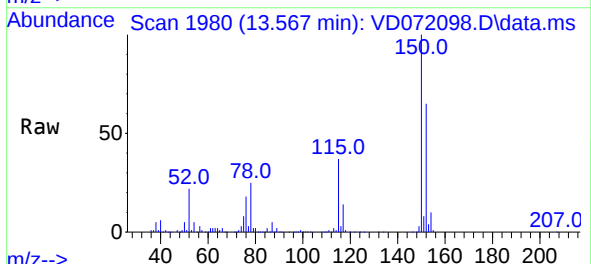
Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

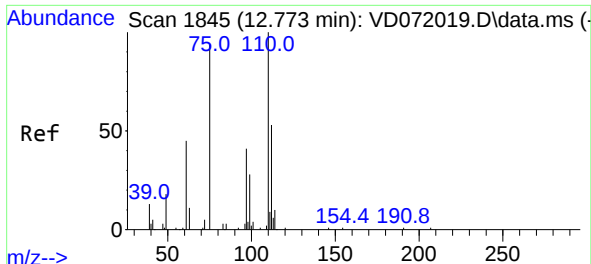
Tgt Ion:117	Resp:	870516
Ion	Ratio	Lower Upper
117	100	
82	56.3	45.4 68.0
119	33.1	25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion:152	Resp:	419266
Ion	Ratio	Lower Upper
152	100	
115	59.0	29.9 89.7
150	156.3	0.0 347.6

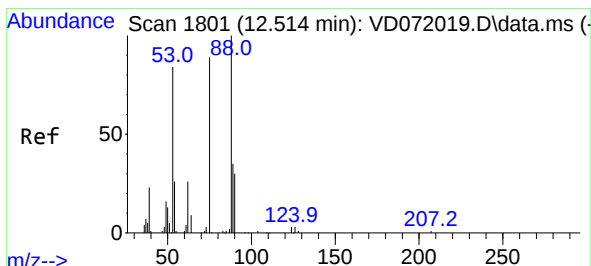
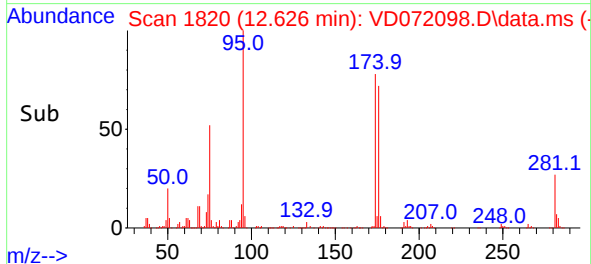
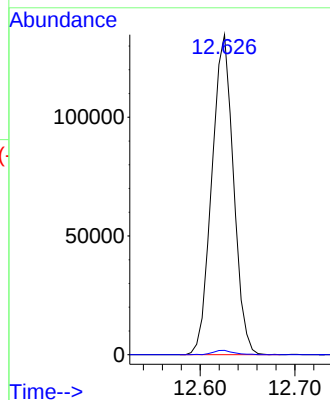
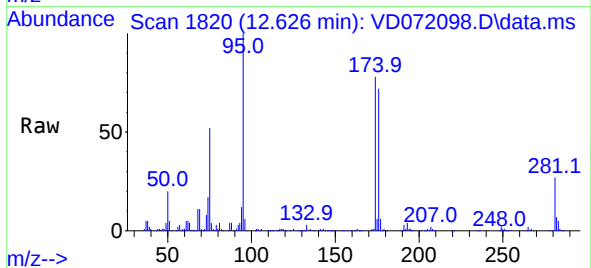




#76
1,2,3-Trichloropropane
Concen: 53.793 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Instrument :
MSVOA_D
ClientSampleId :
REG-PUMP

Tgt Ion: 75 Resp: 213633
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.709 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072098.D
Acq: 25 Feb 2022 14:11

Tgt Ion: 75 Resp: 213633
Ion Ratio Lower Upper
75 100
53 0.1 80.2 120.4#
89 0.4 36.4 54.6#

