

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032222\
 Data File : VD072374.D
 Acq On : 22 Mar 2022 20:49
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 23 01:15:54 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	7.973	168	248412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	436653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	507992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	257753	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153048	55.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.560%
35) Dibromofluoromethane	7.909	113	143839	46.811	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.620%
50) Toluene-d8	10.332	98	554551	49.357	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.620	95	251325	57.569	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.140%

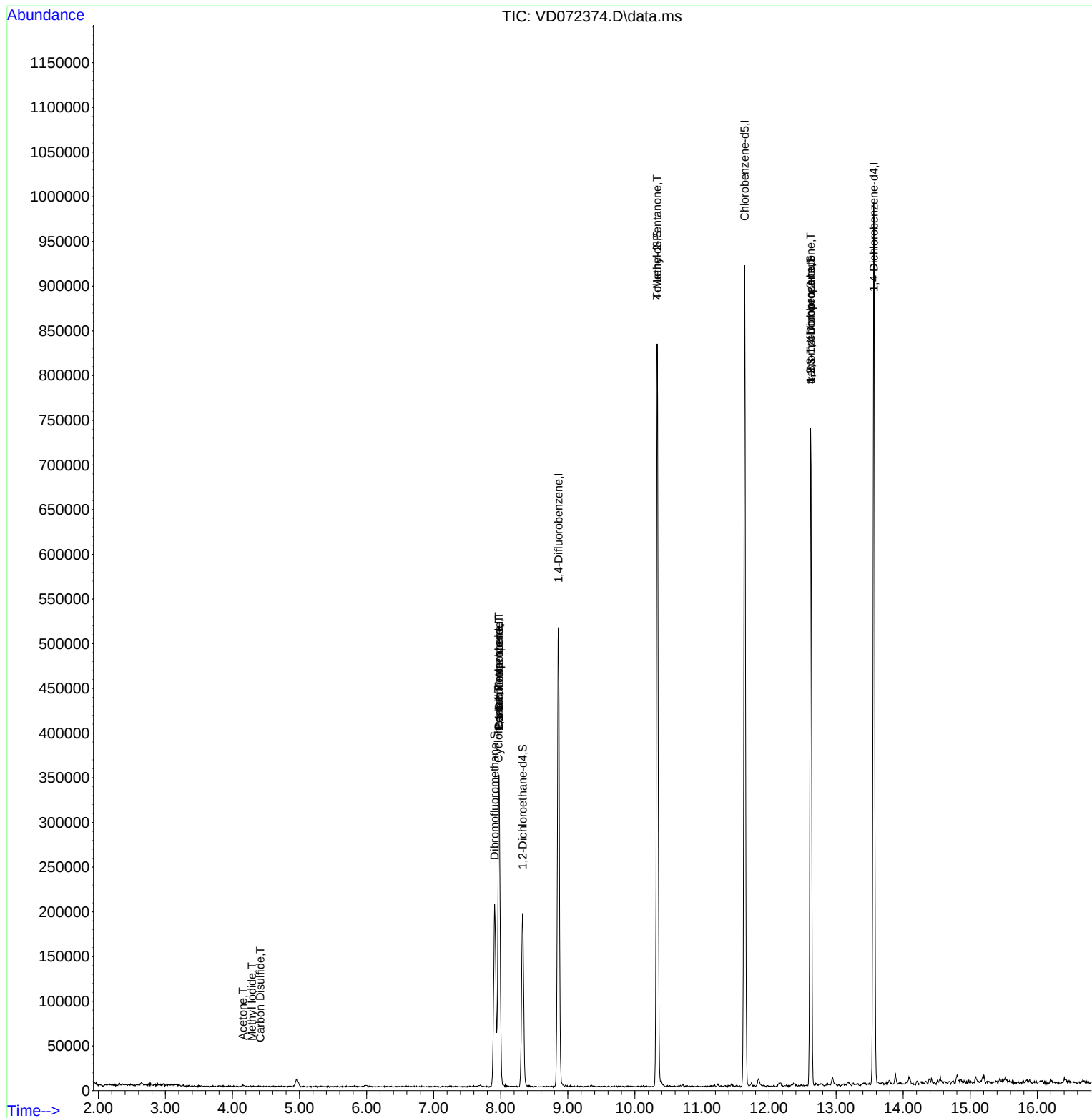
Target Compounds					Qvalue	
10) Methyl Iodide	4.291	142	419	2.384	ug/l #	46
16) Acetone	4.156	43	2235	3.718	ug/l #	70
17) Carbon Disulfide	4.415	76	320	1.559	ug/l #	74
20) Methylene Chloride	4.968	84	3357	Below Cal	#	94
31) Cyclohexane	7.967	56	5883	1.360	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	21456	4.977	ug/l #	51
38) Carbon Tetrachloride	7.973	117	25645	5.234	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	3142	1.632	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	130921	46.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	130921	114.246	ug/l #	7

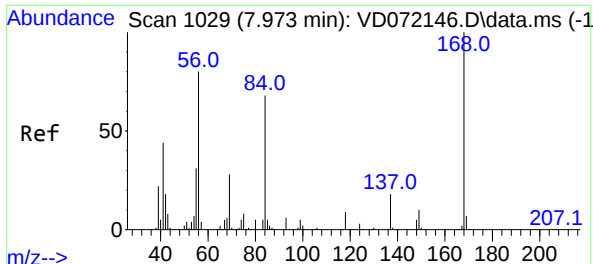
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

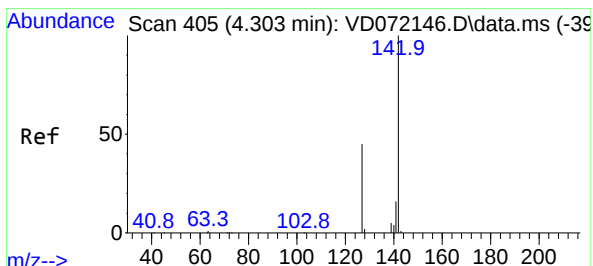
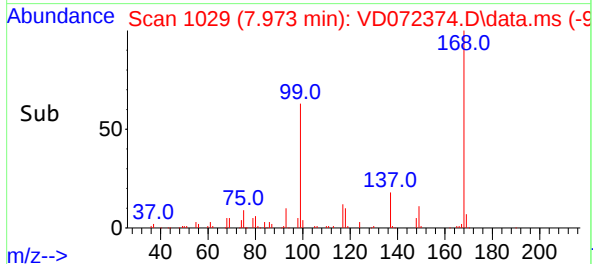
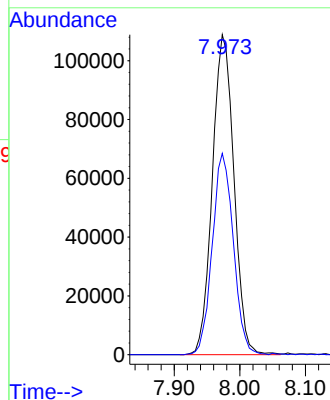
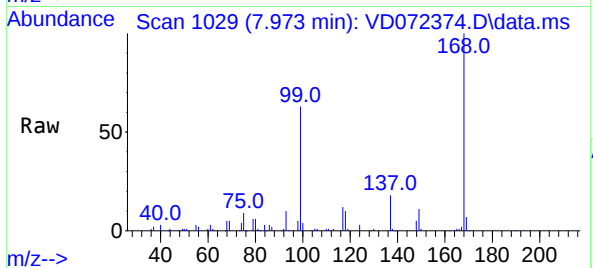




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

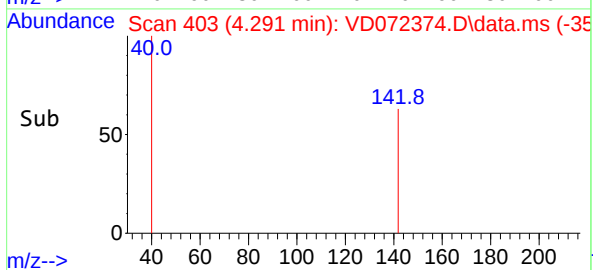
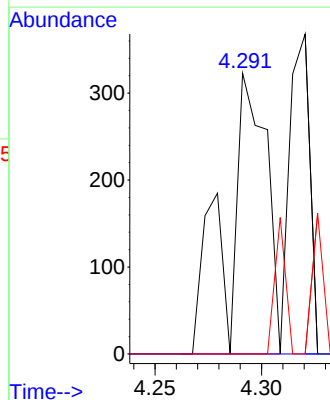
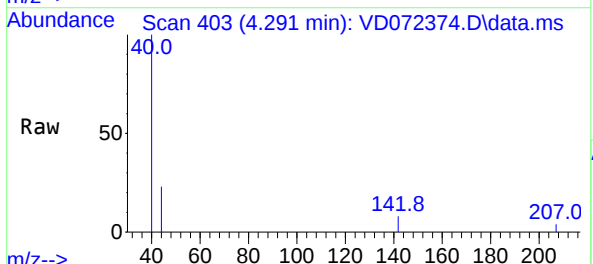
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 248412
Ion Ratio Lower Upper
168 100
99 62.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.384 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion:142 Resp: 419
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 13.1 11.7 17.5

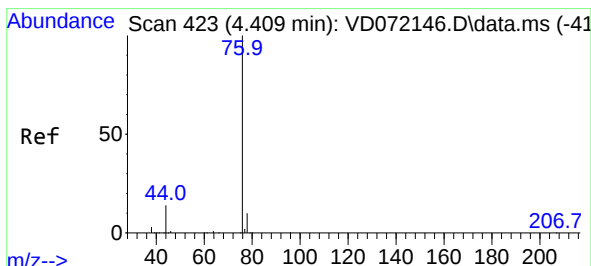
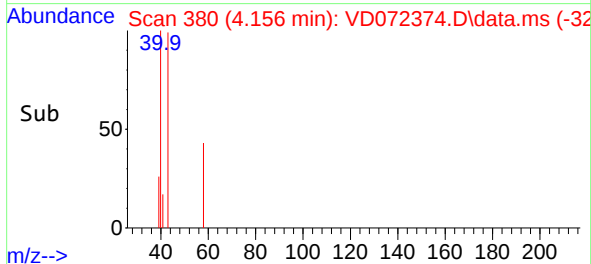
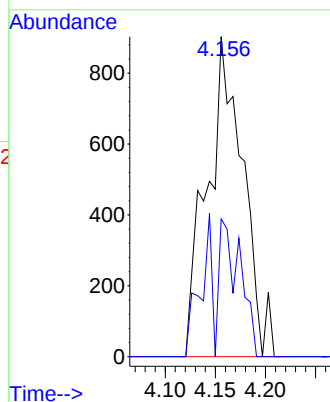
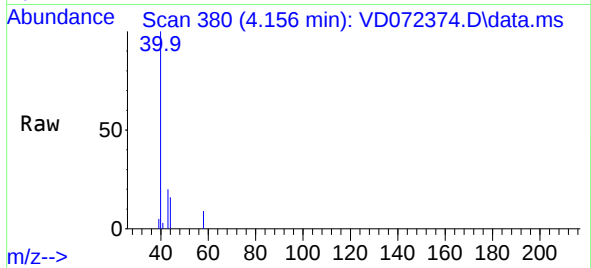




#16
Acetone
Concen: 3.718 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

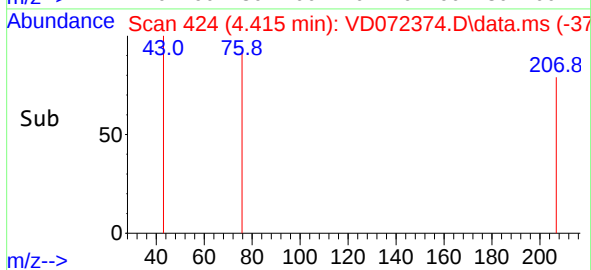
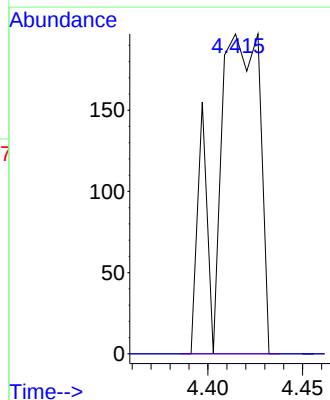
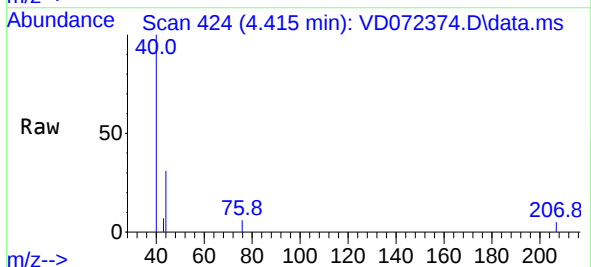
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

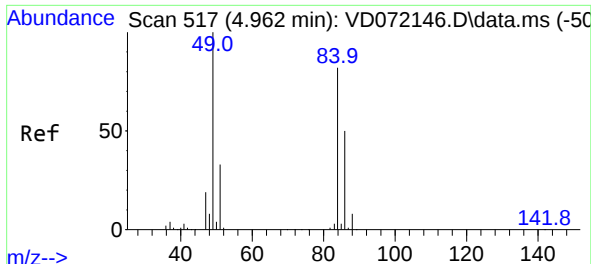
Tgt Ion: 43 Resp: 2235
Ion Ratio Lower Upper
43 100
58 43.1 22.1 33.1#



#17
Carbon Disulfide
Concen: 1.559 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

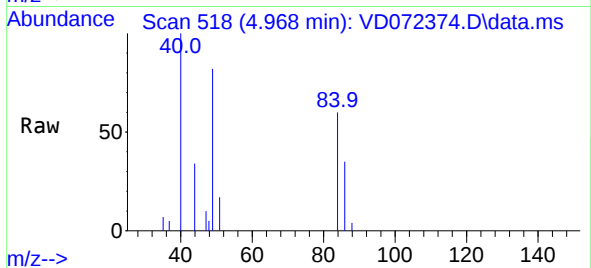
Tgt Ion: 76 Resp: 320
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





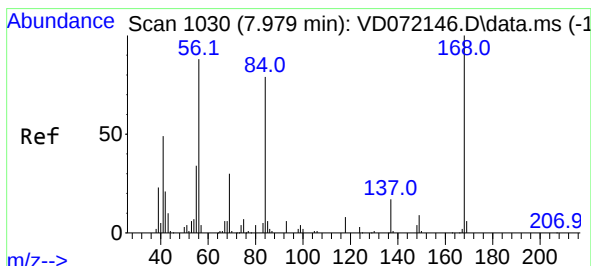
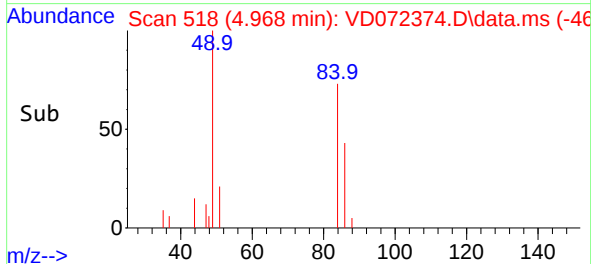
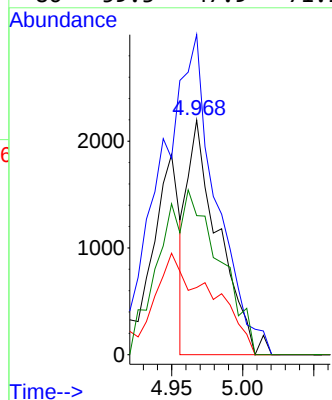
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 84 Resp: 3357

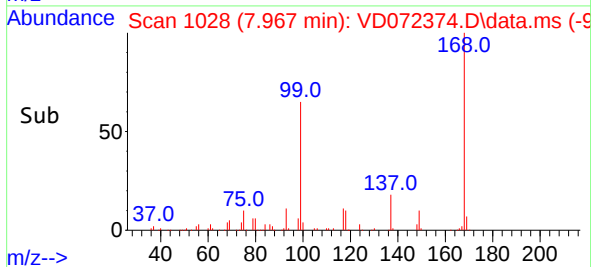
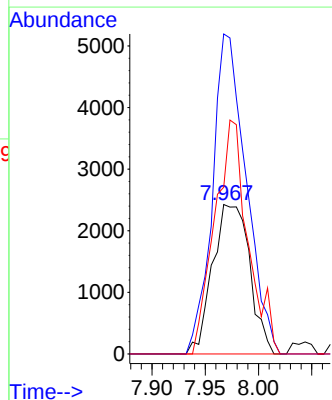
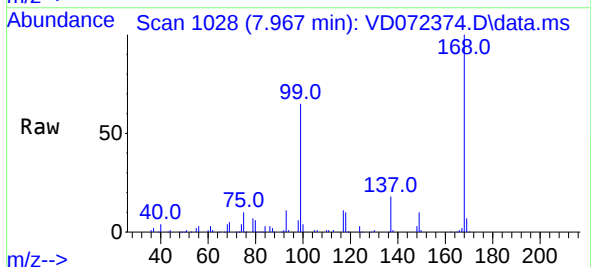
Ion	Ratio	Lower	Upper
84	100		
49	136.4	112.8	169.2
51	28.6	32.6	48.8#
86	59.3	47.9	71.9

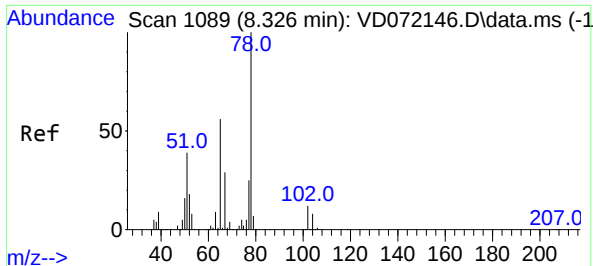


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion: 56 Resp: 5883

Ion	Ratio	Lower	Upper
56	100		
69	214.1	25.4	38.2#
84	111.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 55.284 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072374.D

Acq: 22 Mar 2022 20:49

Instrument :

MSVOA_D

ClientSampleId :

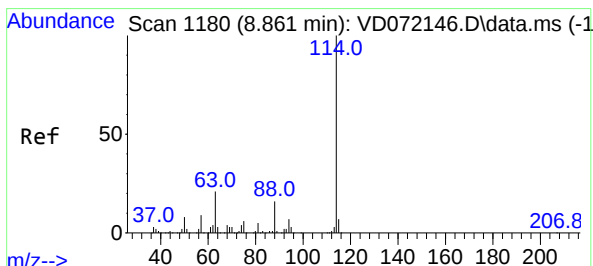
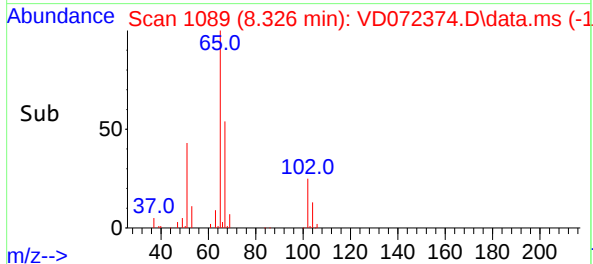
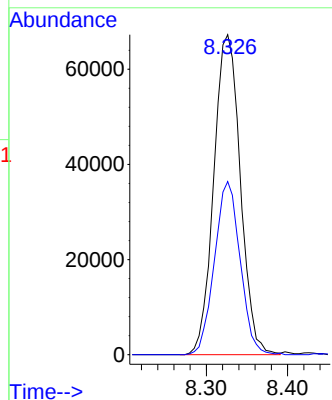
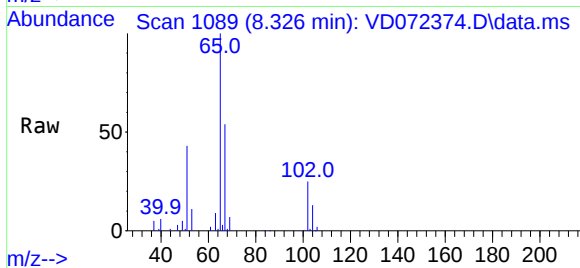
VSTDCCC050EC

Tgt Ion: 65 Resp: 153048

Ion Ratio Lower Upper

65 100

67 52.3 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: VD072374.D

Acq: 22 Mar 2022 20:49

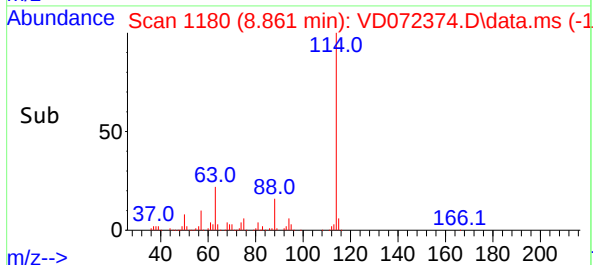
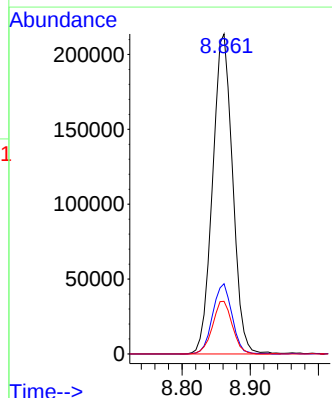
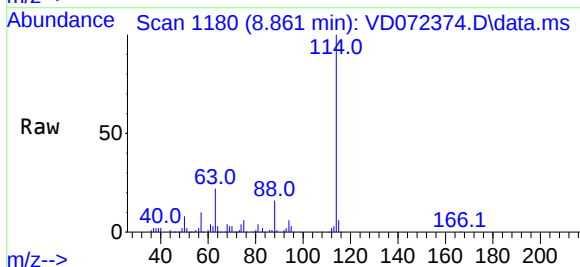
Tgt Ion: 114 Resp: 436653

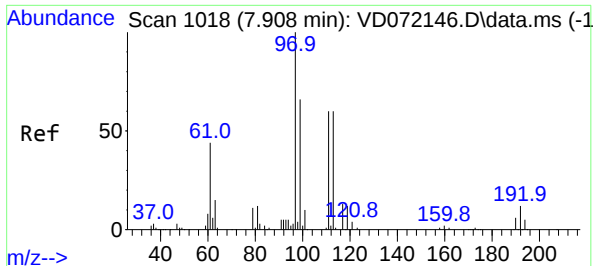
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 16.5 0.0 33.2

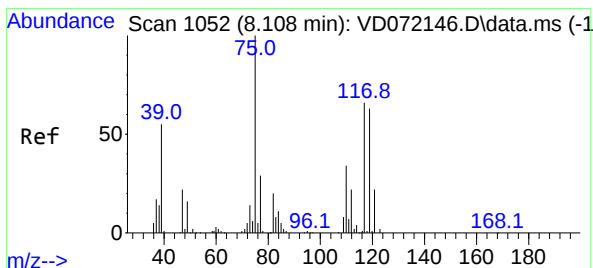
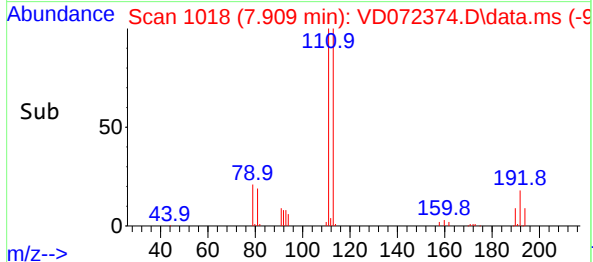
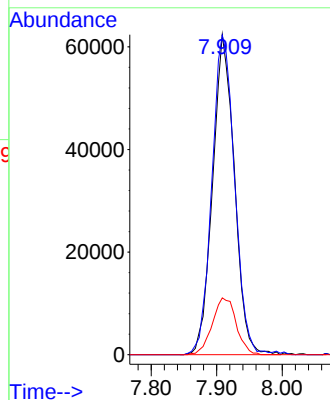
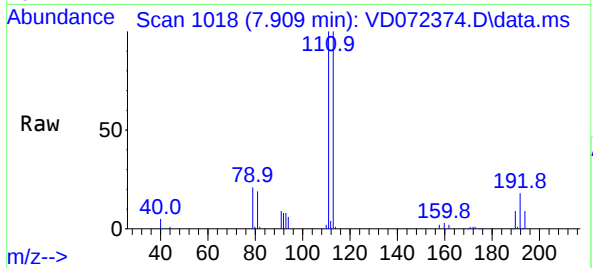




#35
Dibromofluoromethane
Concen: 46.811 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

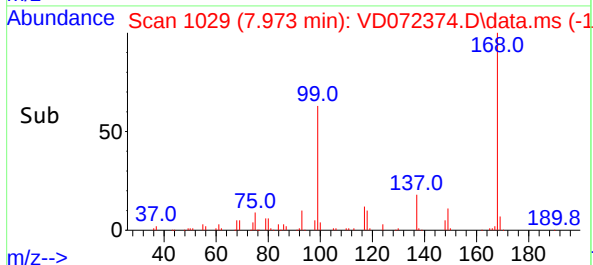
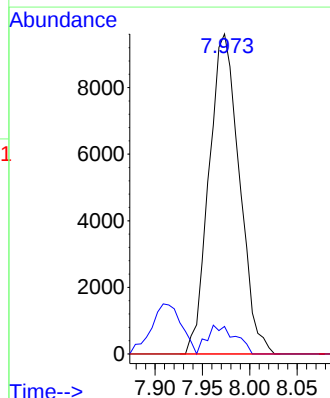
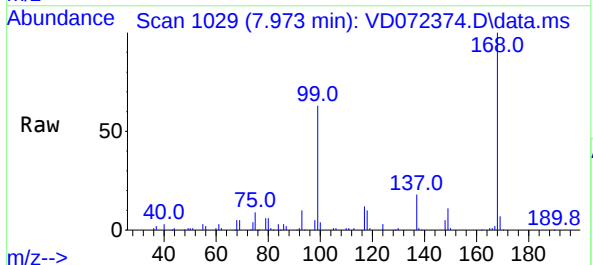
Instrument :
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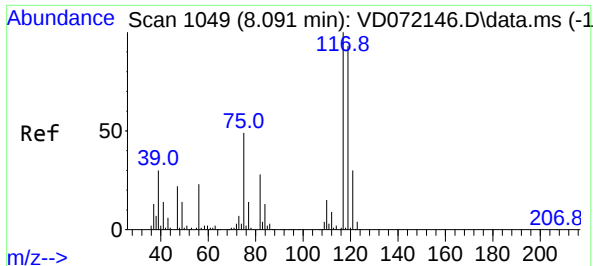
Tgt Ion:113 Resp: 143839
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 19.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.977 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion: 75 Resp: 21456
Ion Ratio Lower Upper
75 100
110 8.3 16.4 49.1#
77 0.0 24.2 36.2#

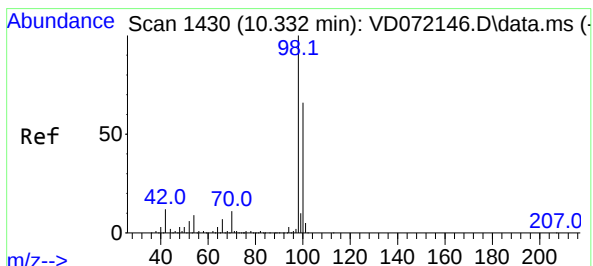
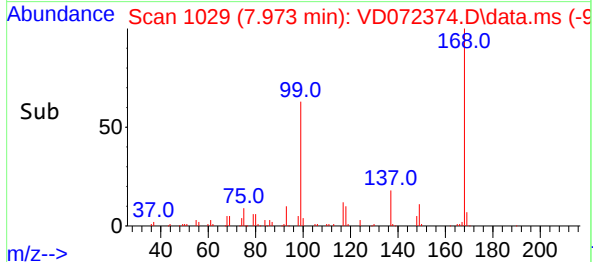
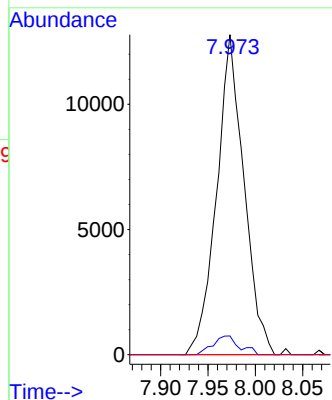
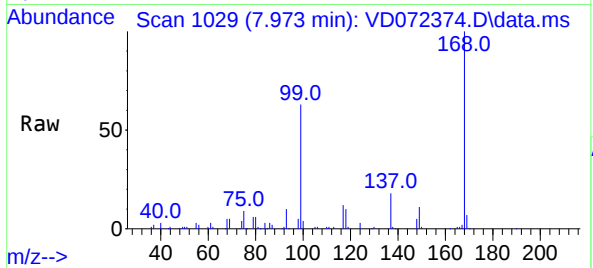




#38
Carbon Tetrachloride
Concen: 5.234 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

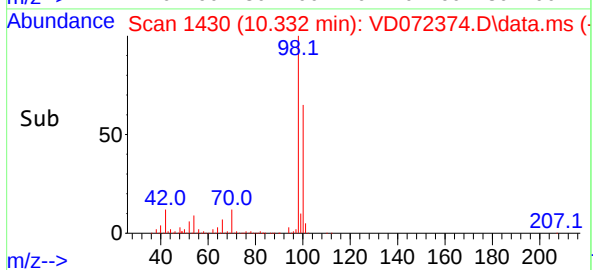
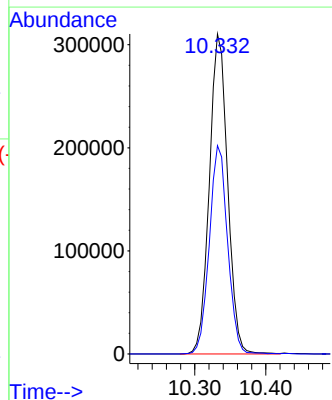
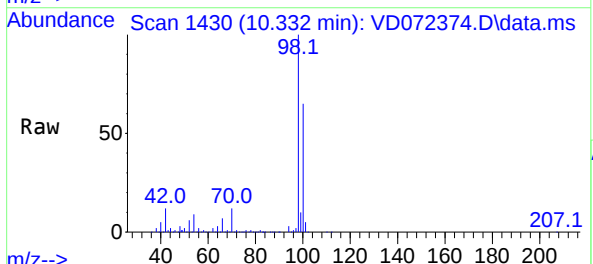
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

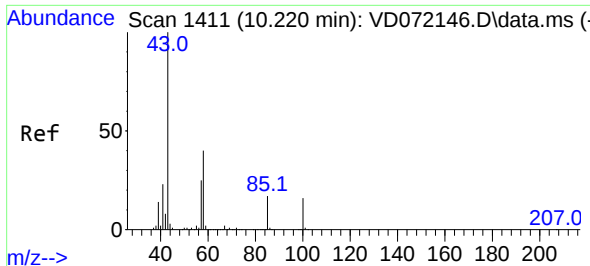
Tgt Ion:117 Resp: 25645
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.357 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion: 98 Resp: 554551
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6

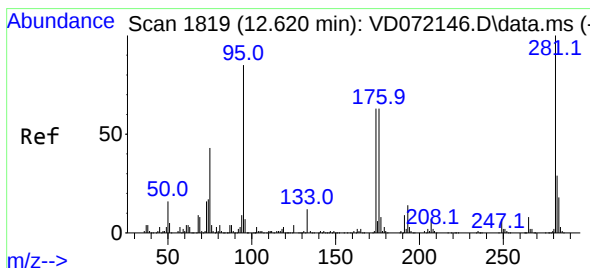
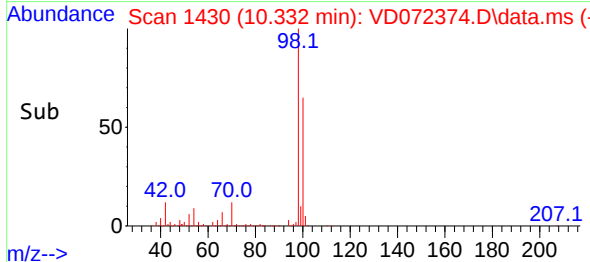
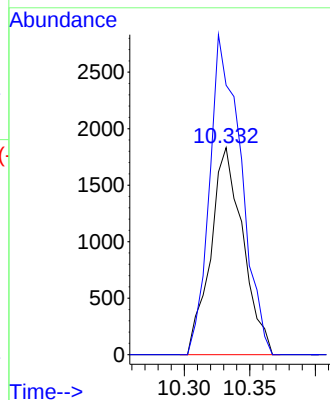
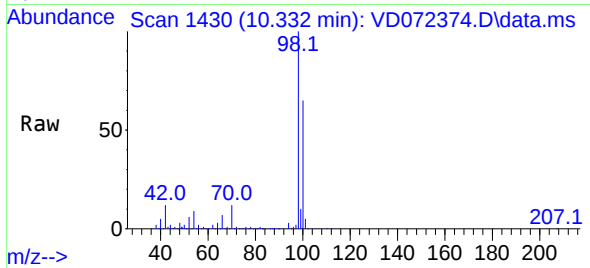




#51
4-Methyl-2-Pentanone
Concen: 1.632 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. 0.112 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

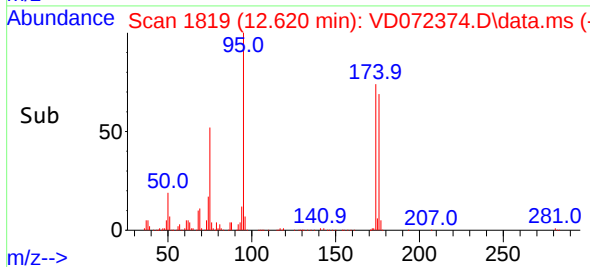
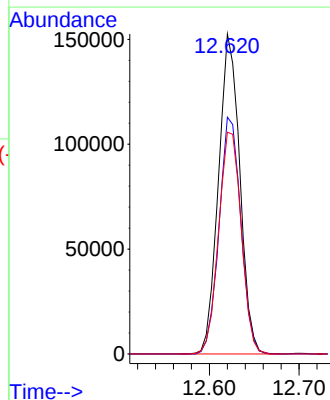
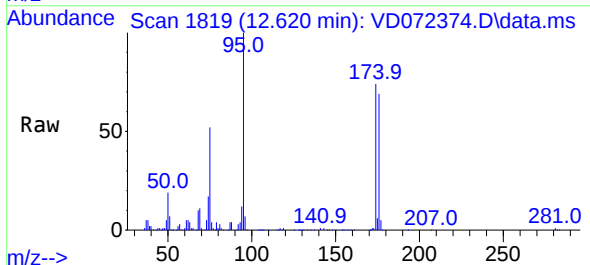
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

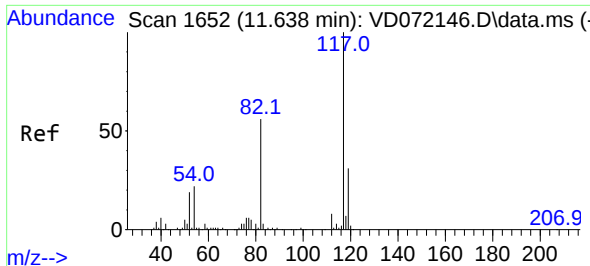
Tgt Ion: 43 Resp: 3142
Ion Ratio Lower Upper
43 100
58 150.4 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 57.569 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion: 95 Resp: 251325
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 73.4 0.0 145.4

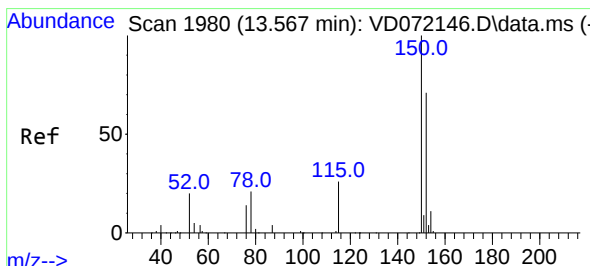
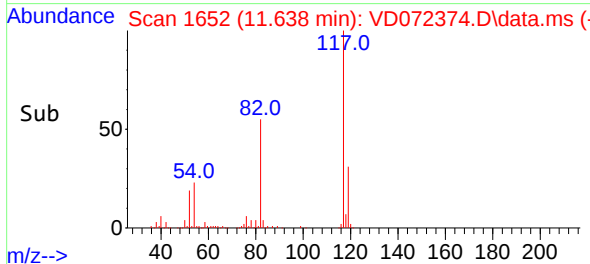
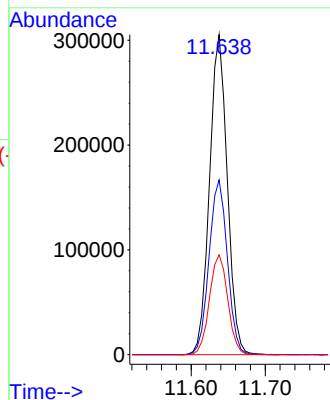
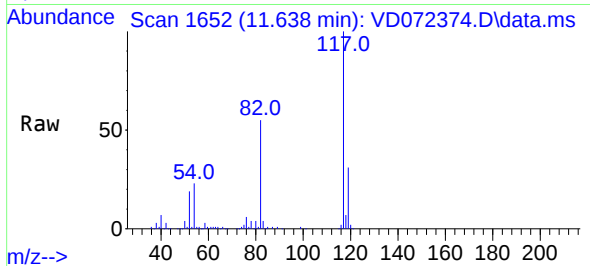




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

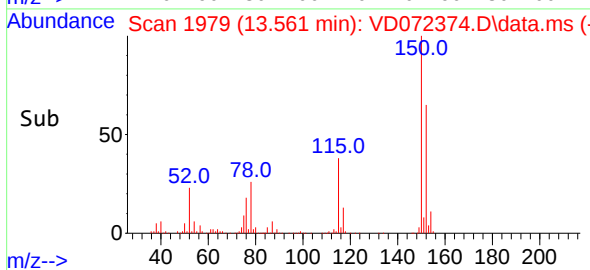
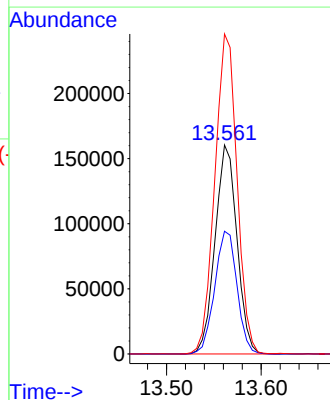
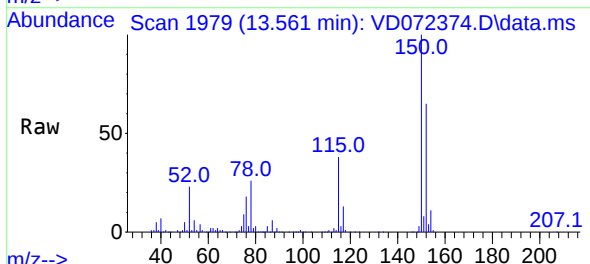
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

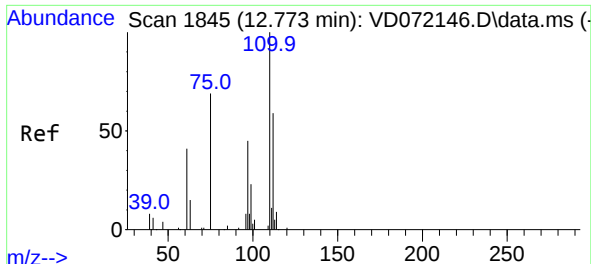
Tgt Ion:117 Resp: 507992
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion:152 Resp: 257753
Ion Ratio Lower Upper
152 100
115 59.8 31.3 93.8
150 155.6 0.0 348.6

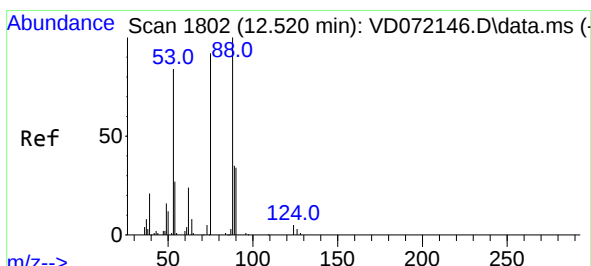
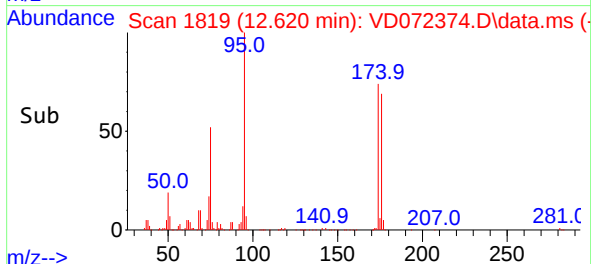
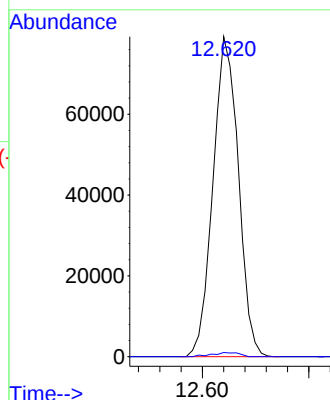
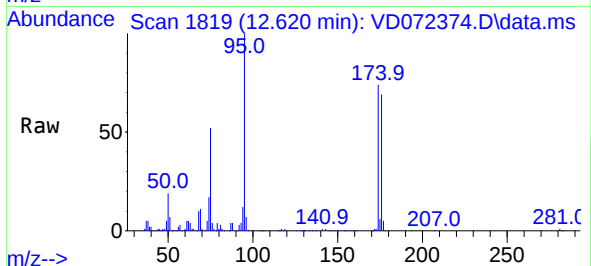




#76
1,2,3-Trichloropropane
Concen: 46.046 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 130921
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.246 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072374.D
Acq: 22 Mar 2022 20:49

Tgt Ion: 75 Resp: 130921
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#

