

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
 Data File : VD072720.D
 Acq On : 28 Apr 2022 12:34
 Operator : VA/SY
 Sample : VD0428SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0428SBL01

Quant Time: Apr 29 01:21:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 27 16:01:06 2022
 Response via : Initial Calibration

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

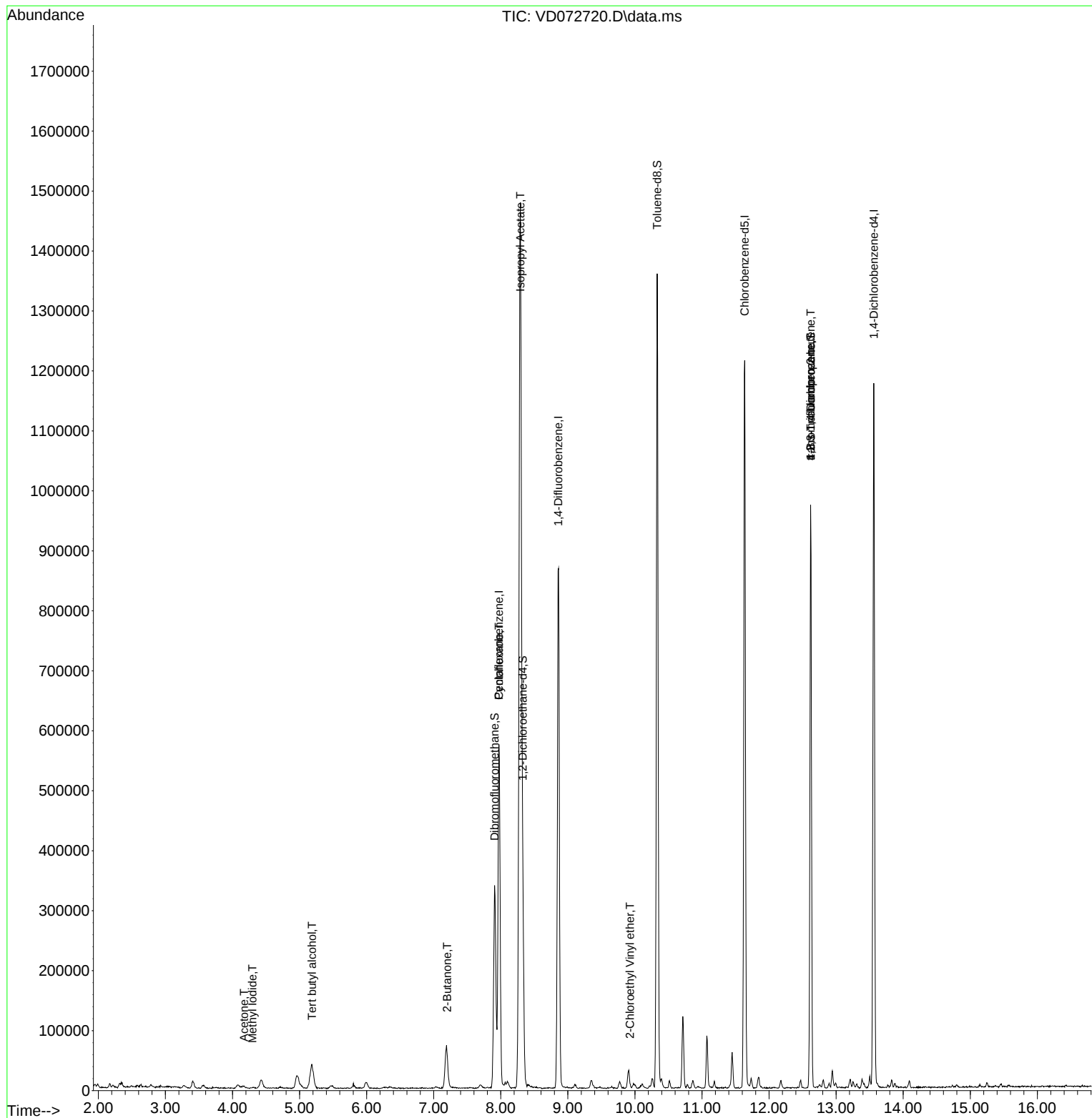
Internal Standards						
1) Pentafluorobenzene	7.973	168	396070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	748409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	692145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	302403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	238909	45.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.860%
35) Dibromofluoromethane	7.908	113	241021	48.359	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.720%
50) Toluene-d8	10.332	98	887490	49.392	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.780%
62) 4-Bromofluorobenzene	12.620	95	304559	44.943	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.880%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	2900	5.134	ug/l #	86
11) Tert butyl alcohol	5.185	59	37506	61.784	ug/l #	76
16) Acetone	4.173	43	5994	5.816	ug/l	98
20) Methylene Chloride	4.961	84	15995	Below Cal	#	82
25) 2-Butanone	7.202	43	2247	1.461	ug/l #	52
31) Cyclohexane	7.973	56	14344	1.571	ug/l #	19
43) Isopropyl Acetate	8.291	43	38589	5.340	ug/l #	33
58) 2-Chloroethyl Vinyl ether	9.926	63	251	18.088	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	163886	47.737	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	163886	111.594	ug/l #	7

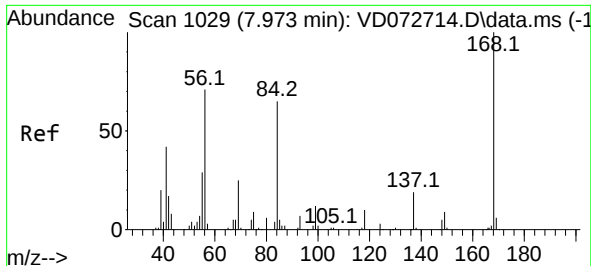
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042822\
Data File : VD072720.D
Acq On : 28 Apr 2022 12:34
Operator : VA/SY
Sample : VD0428SBL01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

Quant Time: Apr 29 01:21:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D042722S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 27 16:01:06 2022
Response via : Initial Calibration

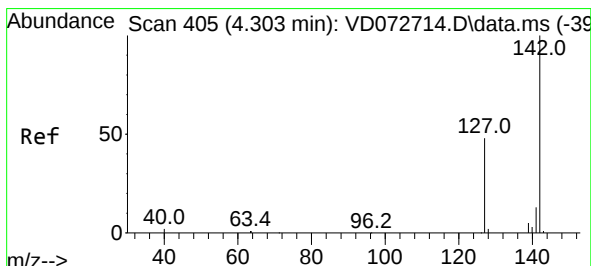
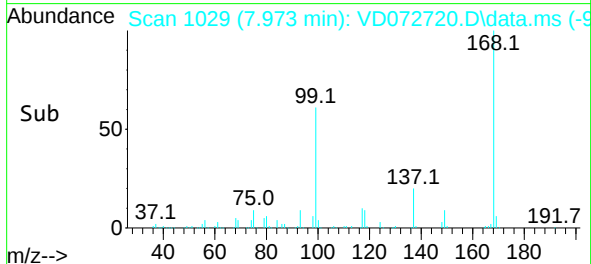
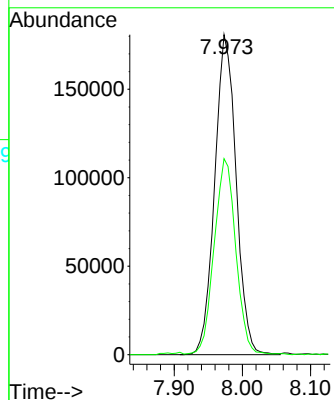
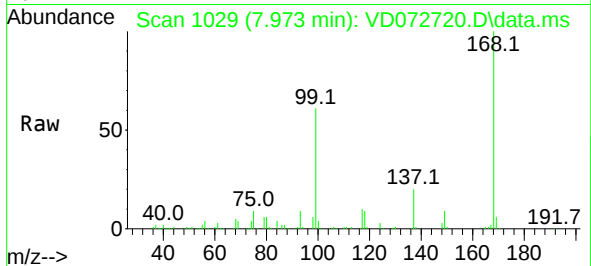




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

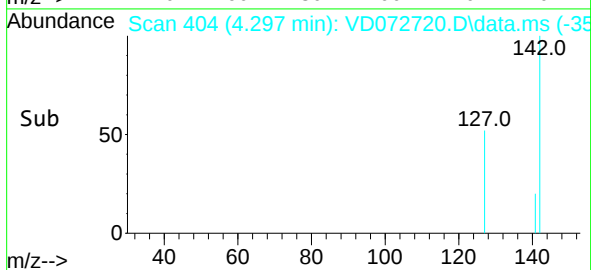
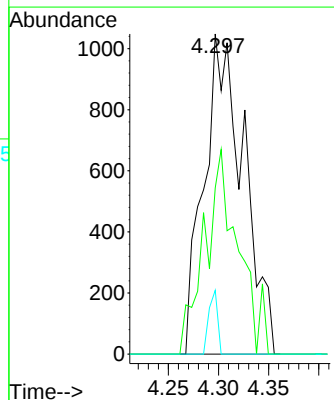
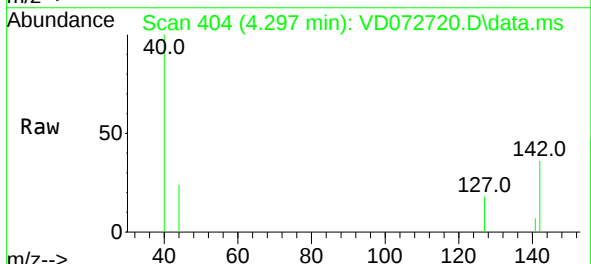
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

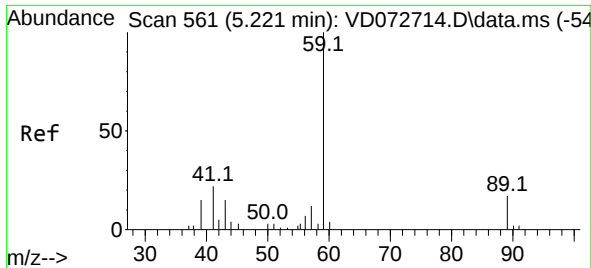
Tgt Ion:168 Resp: 396070
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#10
Methyl Iodide
Concen: 5.134 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion:142 Resp: 2900
Ion Ratio Lower Upper
142 100
127 54.0 37.3 55.9
141 4.4 11.7 17.5#

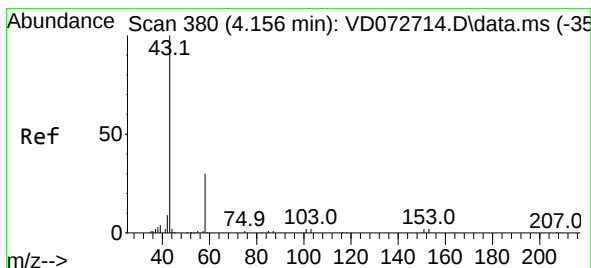
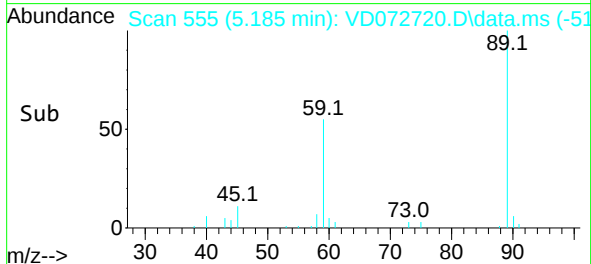
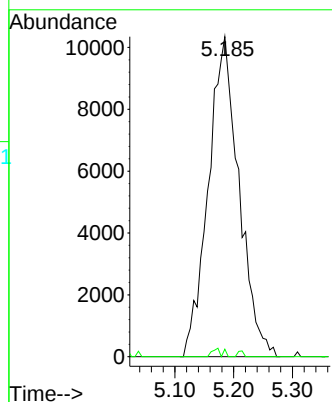
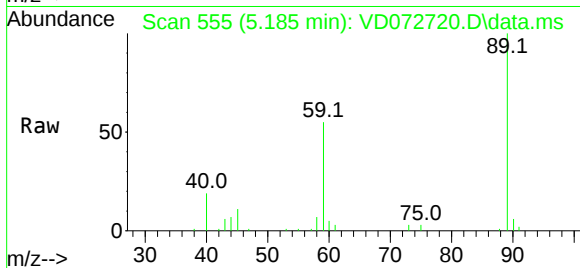




#11
Tert butyl alcohol
Concen: 61.784 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

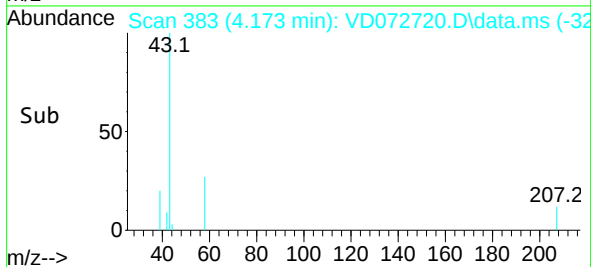
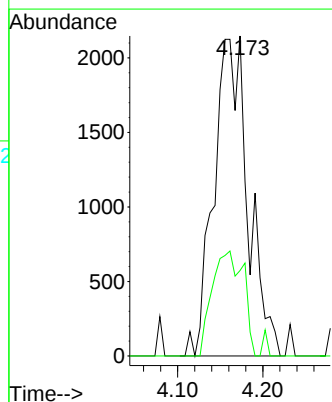
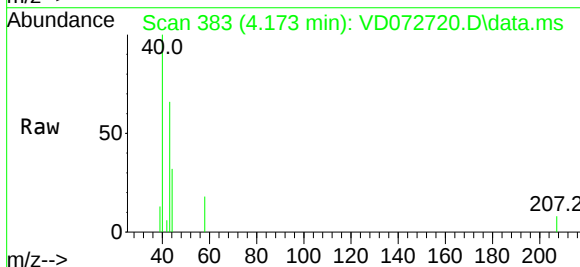
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

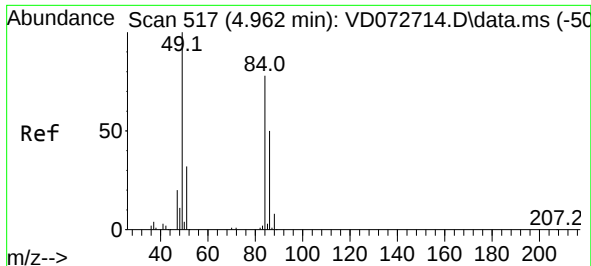
Tgt Ion: 59 Resp: 37506
Ion Ratio Lower Upper
59 100
57 0.8 7.8 11.6#



#16
Acetone
Concen: 5.816 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 43 Resp: 5994
Ion Ratio Lower Upper
43 100
58 26.7 22.1 33.1

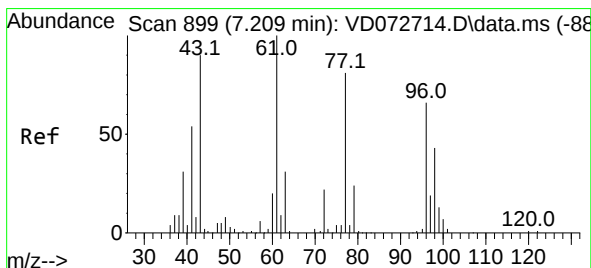
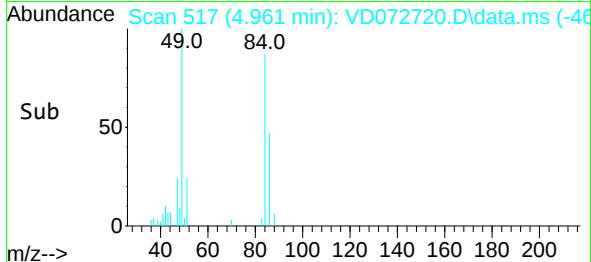
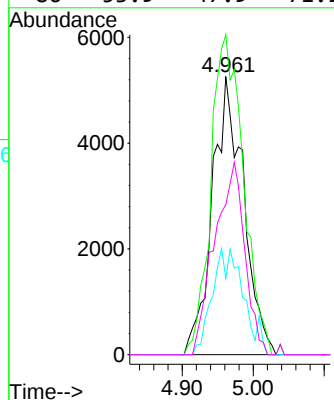
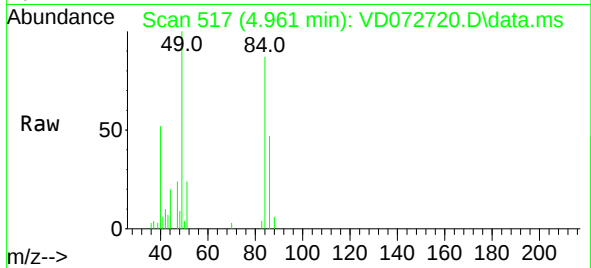




#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

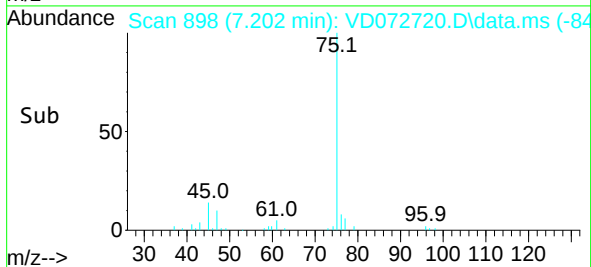
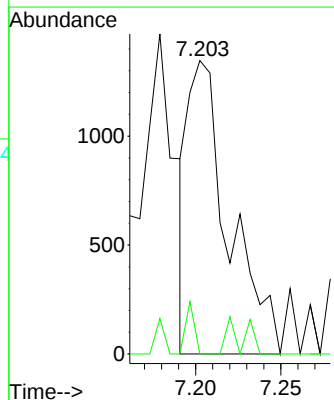
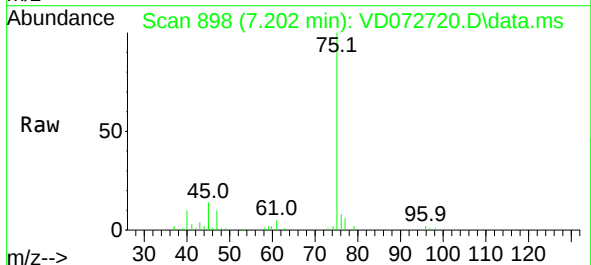
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

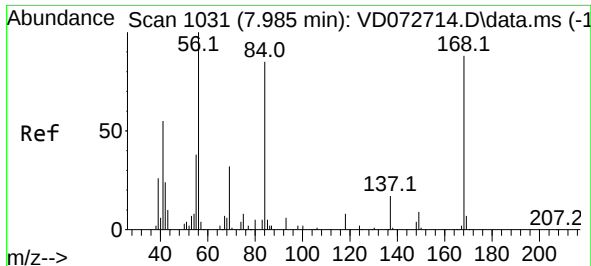
Tgt Ion:	84	Resp:	15995
Ion	Ratio	Lower	Upper
84	100		
49	115.0	112.8	169.2
51	27.3	32.6	48.8#
86	53.9	47.9	71.9



#25
2-Butanone
Concen: 1.461 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion:	43	Resp:	2247
Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

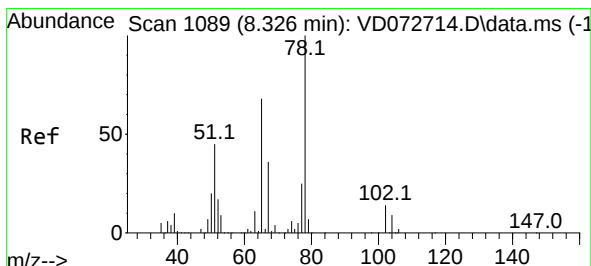
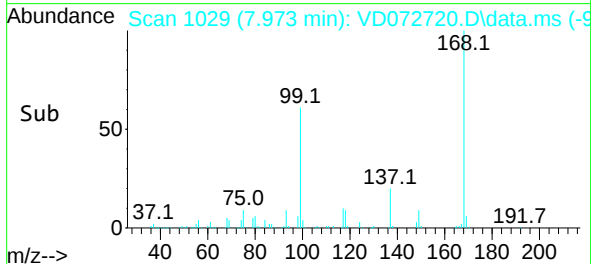
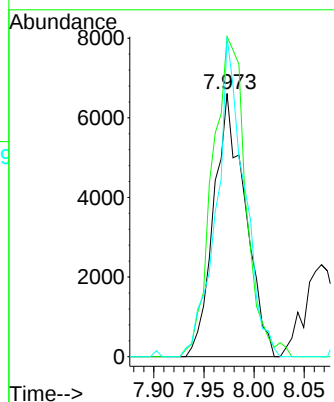
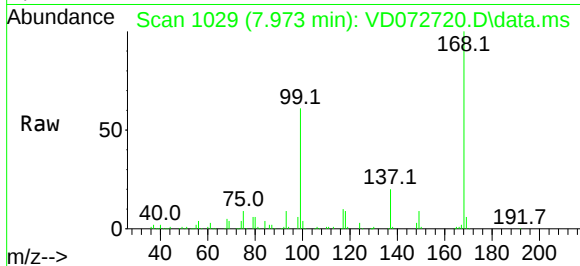




#31
Cyclohexane
Concen: 1.571 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

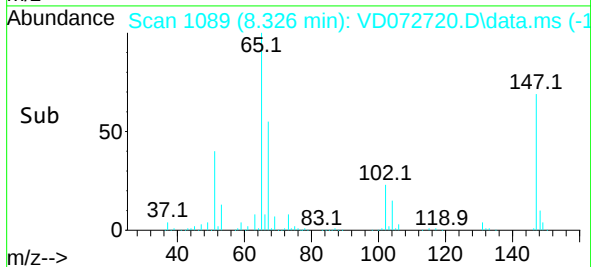
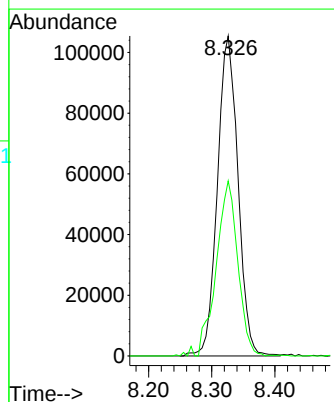
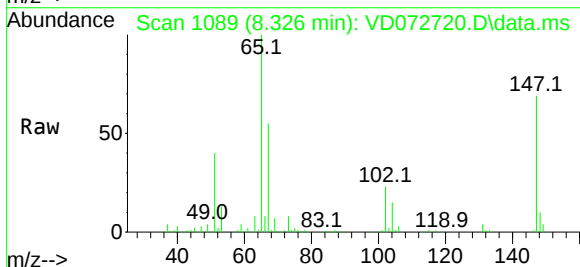
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

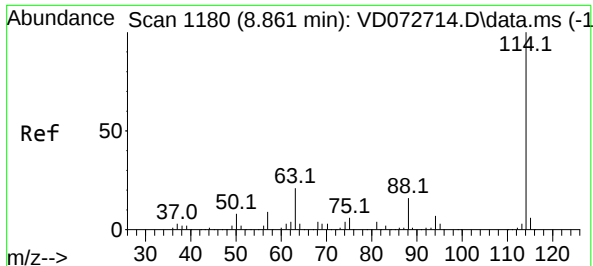
Tgt Ion: 56 Resp: 14344
Ion Ratio Lower Upper
56 100
69 121.6 25.4 38.2#
84 121.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 45.433 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 65 Resp: 238909
Ion Ratio Lower Upper
65 100
67 57.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD072720.D

Acq: 28 Apr 2022 12:34

Instrument :

MSVOA_D

ClientSampleId :

VD0428SBL01

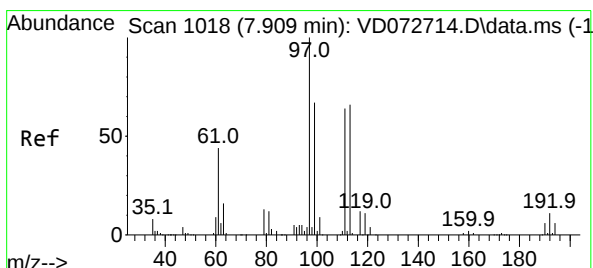
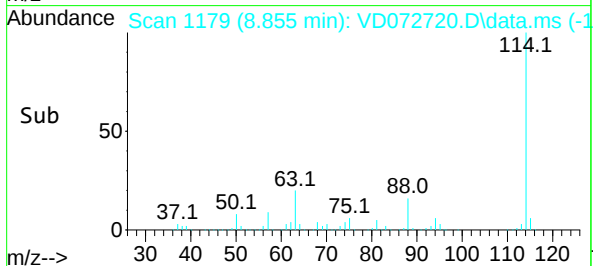
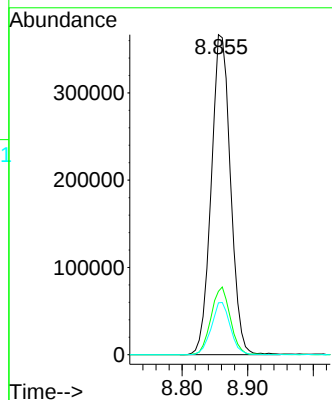
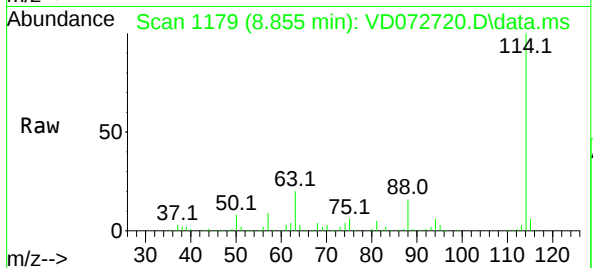
Tgt Ion:114 Resp: 748409

Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.359 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072720.D

Acq: 28 Apr 2022 12:34

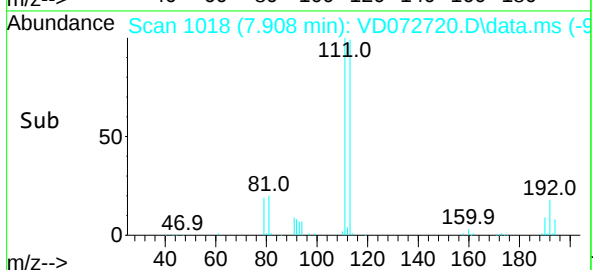
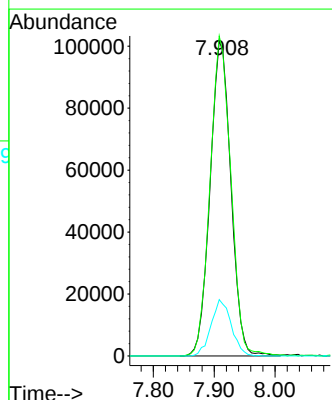
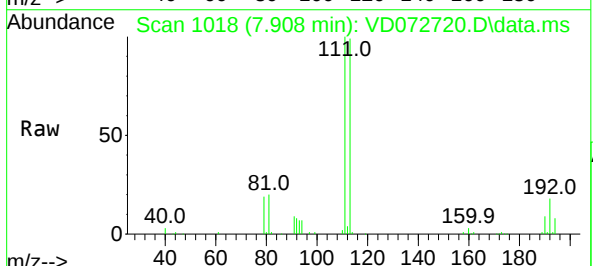
Tgt Ion:113 Resp: 241021

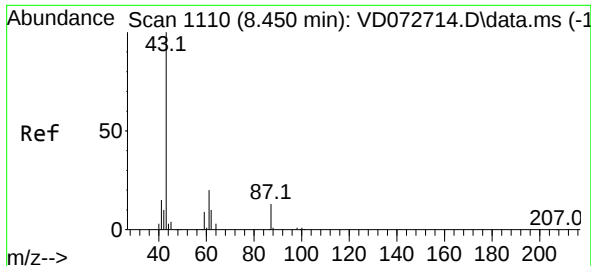
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

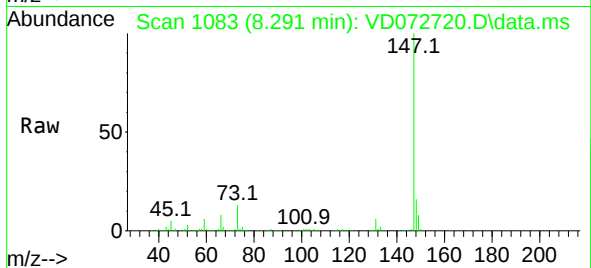
192 17.4 14.6 21.8



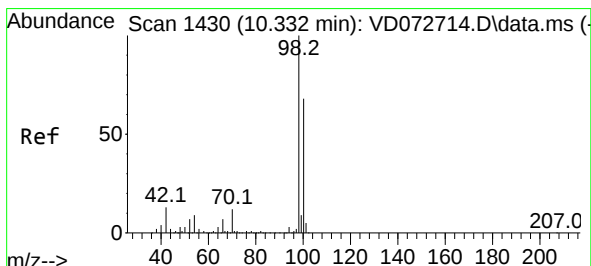
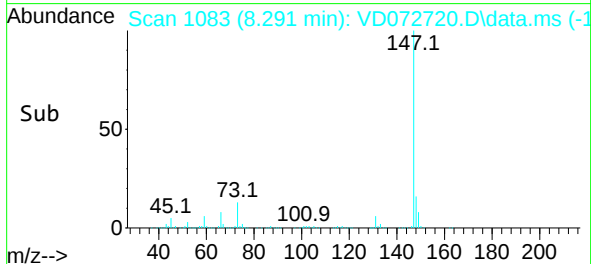
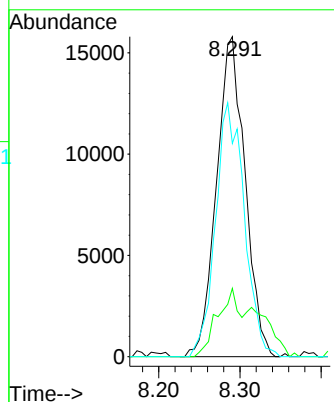


#43
Isopropyl Acetate
Concen: 5.340 ug/l
RT: 8.291 min Scan# 1083
Delta R.T. -0.159 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

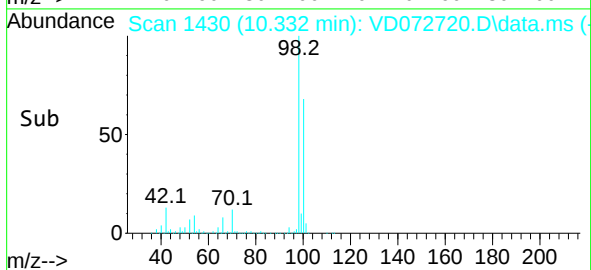
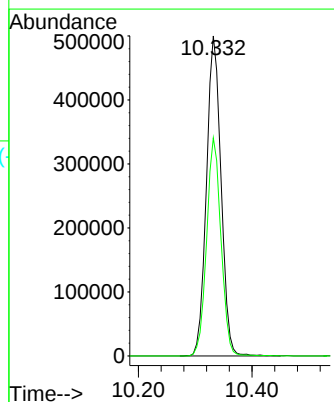
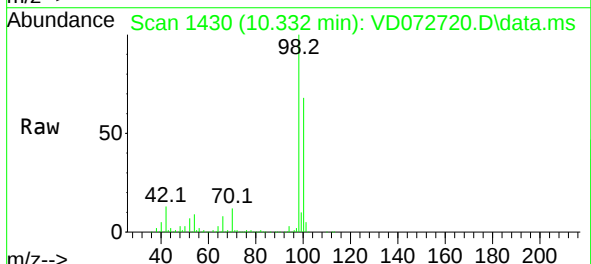


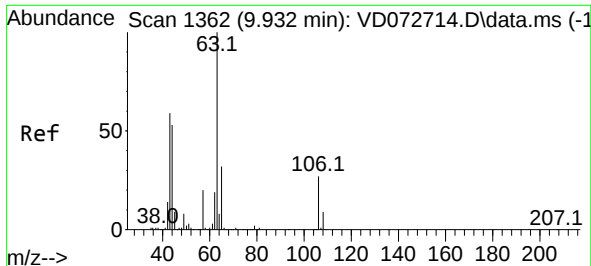
Tgt Ion: 43 Resp: 38589
Ion Ratio Lower Upper
43 100
61 16.4 22.4 33.6#
87 80.0 8.7 13.1#



#50
Toluene-d8
Concen: 49.392 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 98 Resp: 887490
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

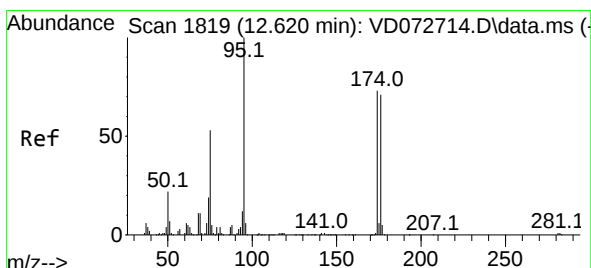
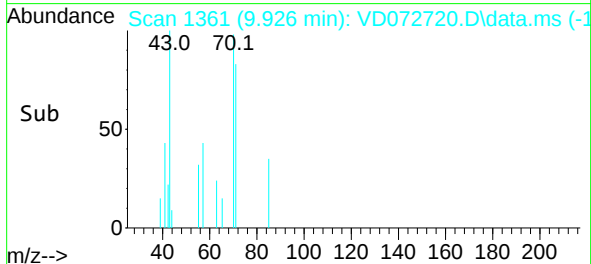
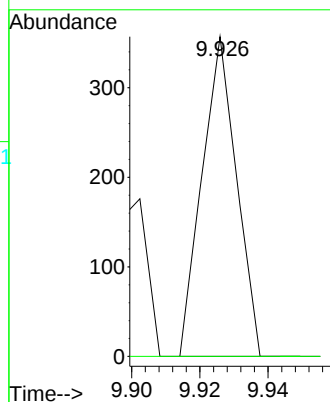
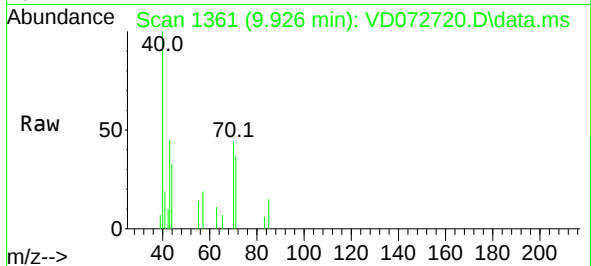




#58
2-Chloroethyl Vinyl ether
Concen: 18.088 ug/l
RT: 9.926 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

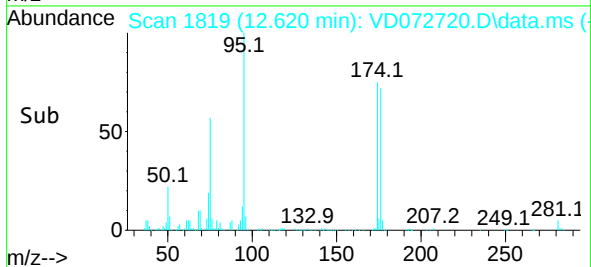
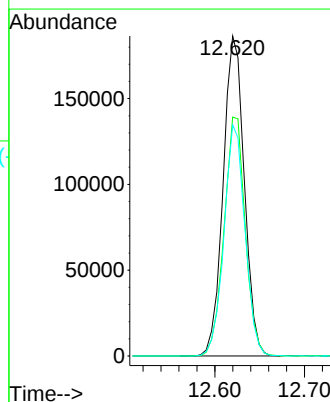
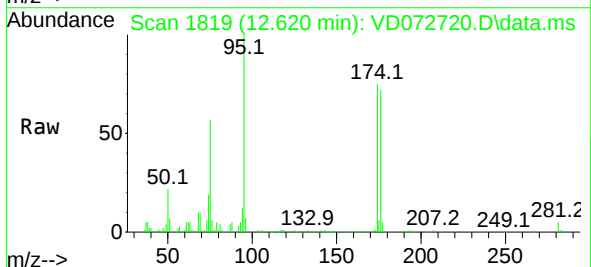
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

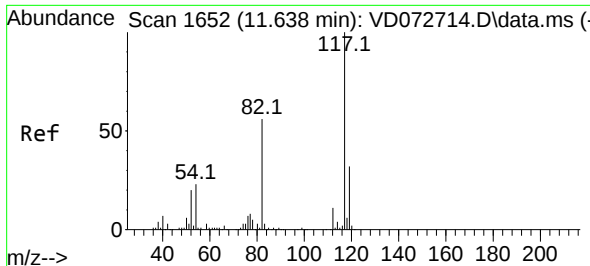
Tgt Ion: 63 Resp: 251
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#62
4-Bromofluorobenzene
Concen: 44.943 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 95 Resp: 304559
Ion Ratio Lower Upper
95 100
174 74.9 0.0 152.8
176 71.7 0.0 145.4

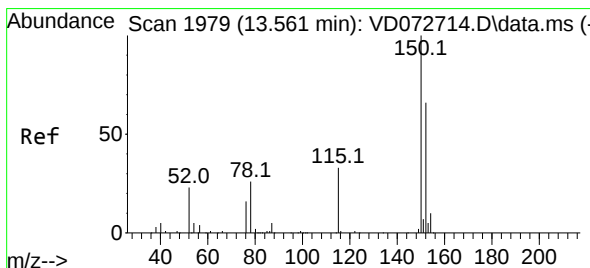
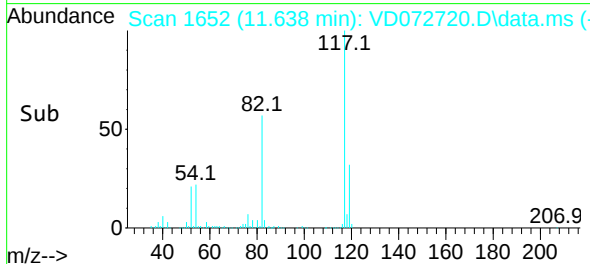
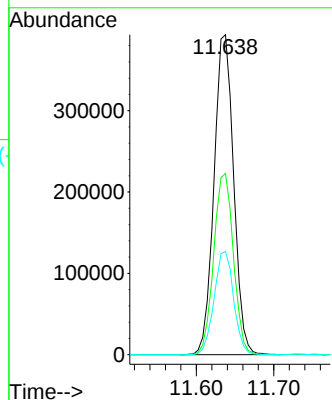
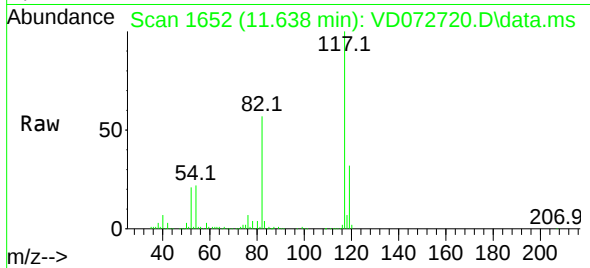




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

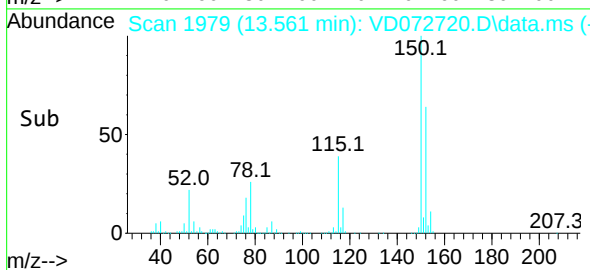
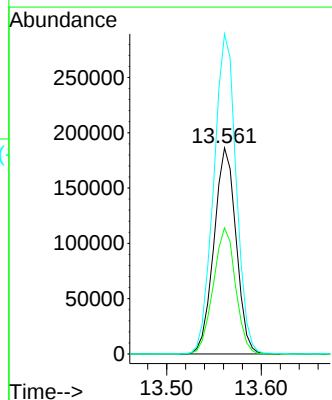
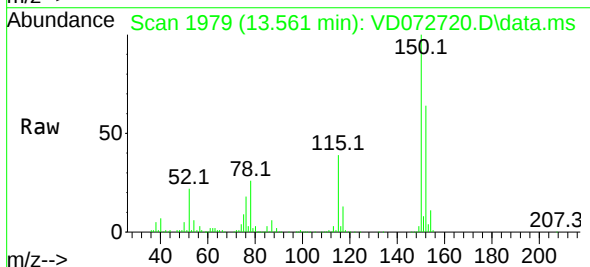
Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

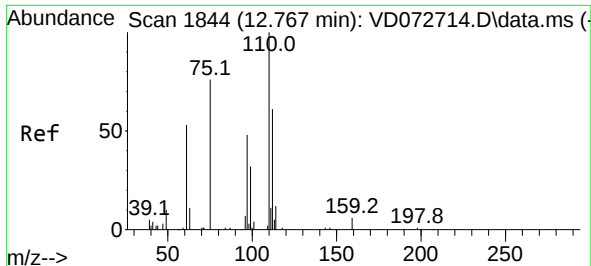
Tgt Ion:117 Resp: 692145
Ion Ratio Lower Upper
117 100
82 56.6 45.3 67.9
119 32.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion:152 Resp: 302403
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 157.7 0.0 348.6

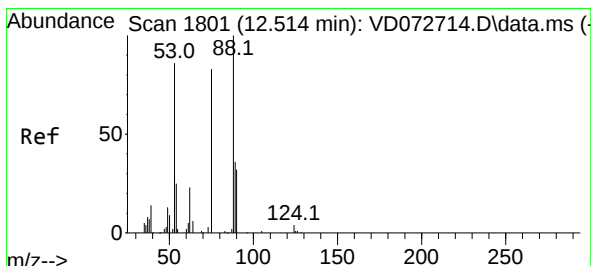
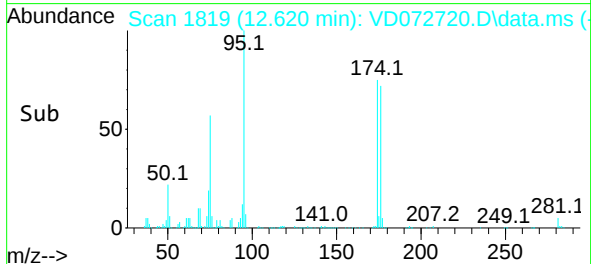
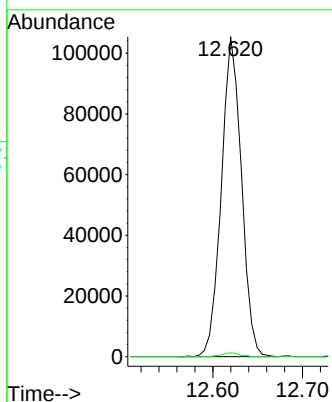
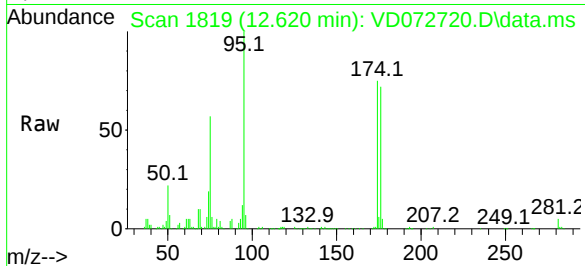




#76
1,2,3-Trichloropropane
Concen: 47.737 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Instrument :
MSVOA_D
ClientSampleId :
VD0428SBL01

Tgt Ion: 75 Resp: 163886
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.594 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072720.D
Acq: 28 Apr 2022 12:34

Tgt Ion: 75 Resp: 163886
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#

