

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073763.D
 Acq On : 01 Jul 2022 14:36
 Operator : VA/SY
 Sample : N3502-07RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-44-UCRE

Quant Time: Jul 05 05:07:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D063022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 05 04:59:39 2022
 Response via : Initial Calibration

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

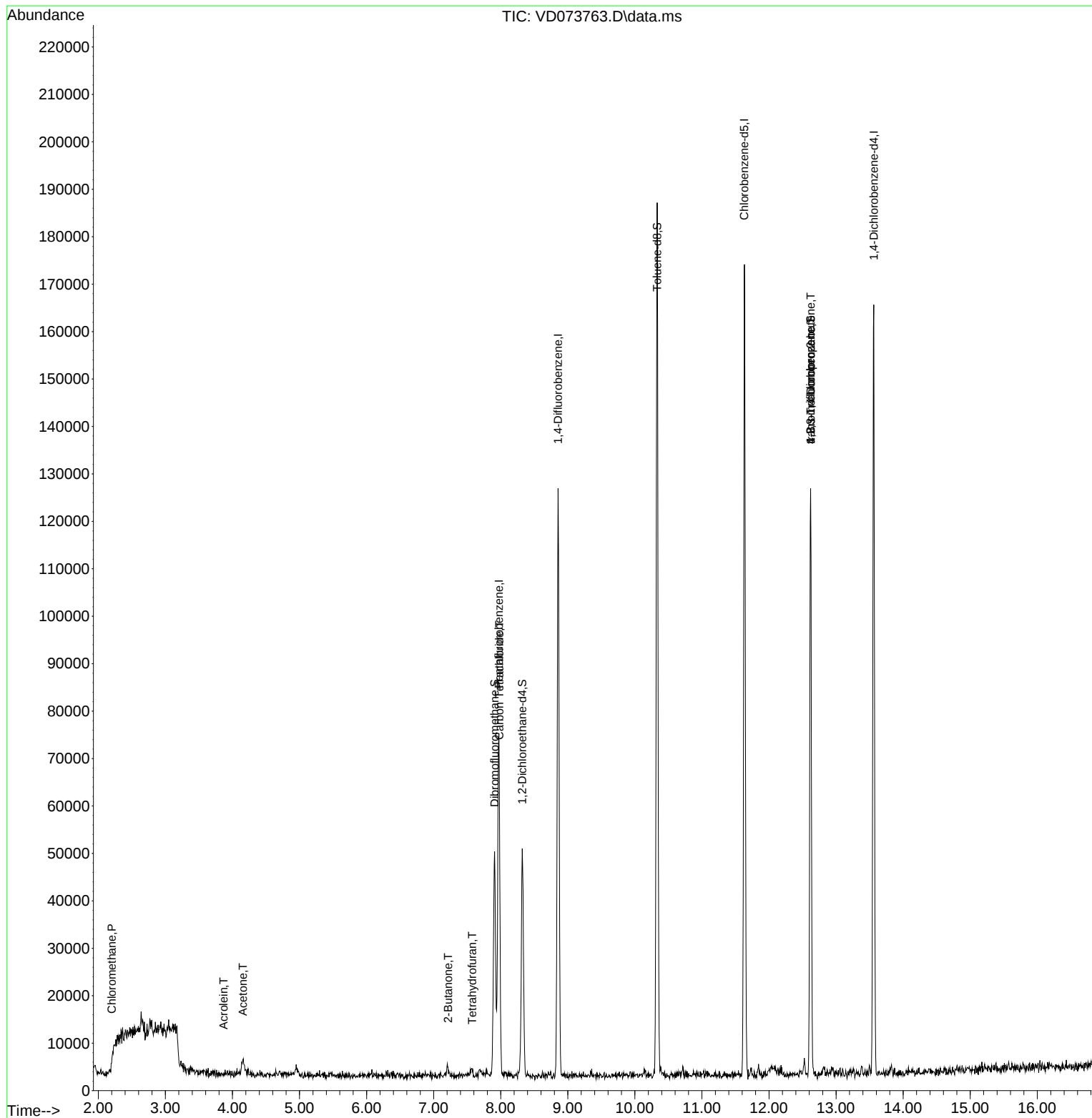
Internal Standards						
1) Pentafluorobenzene	7.973	168	48425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	99538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	91666	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	36446	77.150	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.300%	
35) Dibromofluoromethane	7.909	113	32806	60.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.340%	
50) Toluene-d8	10.332	98	123999	62.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.020%	
62) 4-Bromofluorobenzene	12.620	95	43177	55.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.380%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	347	1.035	ug/l	94
13) Acrolein	3.868	56	74	6.820	ug/l	98
16) Acetone	4.156	43	5975	60.792	ug/l	99
18) Methyl Acetate	4.691	43	309	Below Cal	#	50
20) Methylene Chloride	4.956	84	1343	Below Cal	#	71
25) 2-Butanone	7.215	43	1410	8.736	ug/l #	65
29) Tetrahydrofuran	7.573	42	1191	11.674	ug/l #	63
38) Carbon Tetrachloride	7.979	117	5827	7.229	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	23693	61.797	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	23693	119.213	ug/l #	11

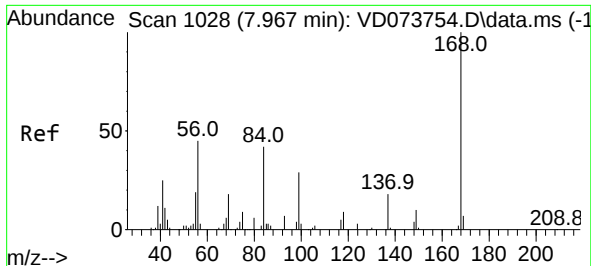
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 05 04:59:39 2022
Response via : Initial Calibration

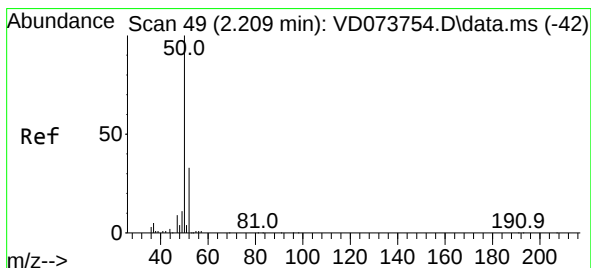
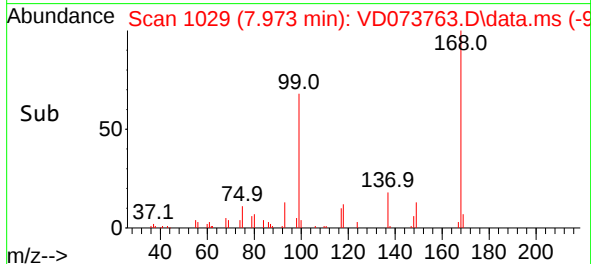
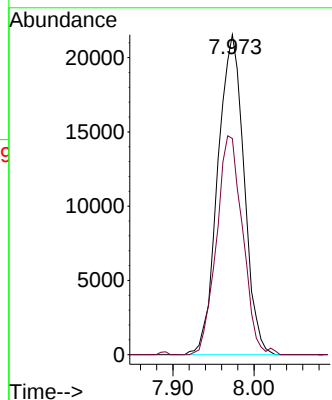
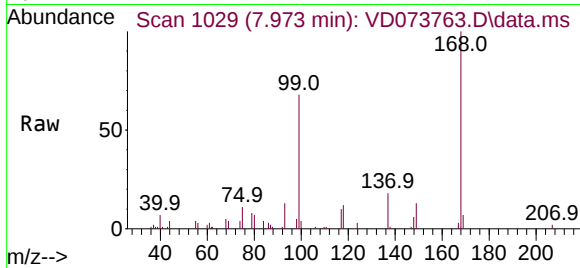




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

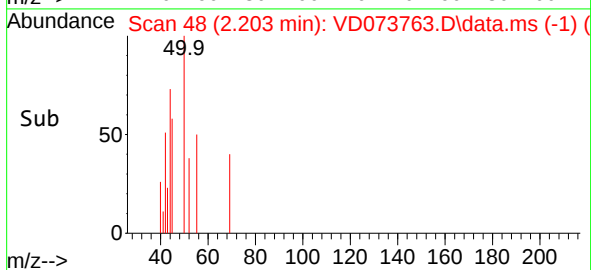
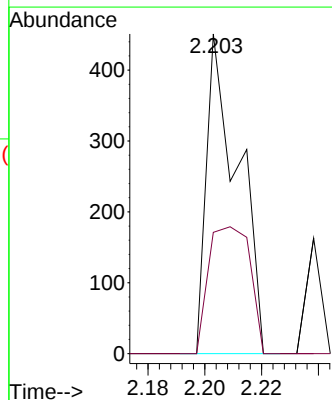
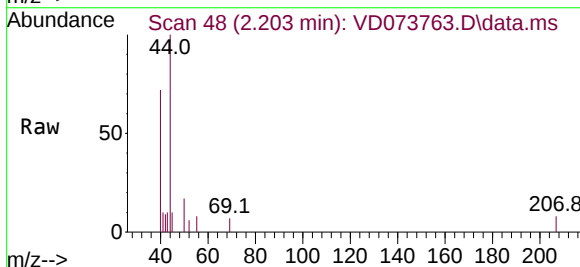
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

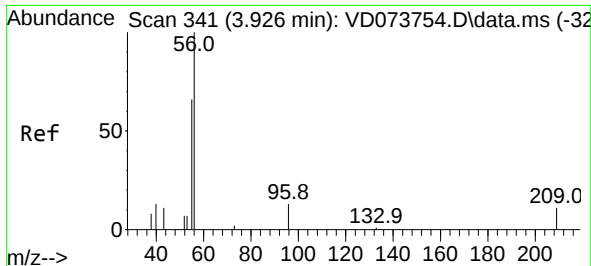
Tgt Ion:168 Resp: 48425
Ion Ratio Lower Upper
168 100
99 67.6 46.4 69.6



#3
Chloromethane
Concen: 1.035 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 50 Resp: 347
Ion Ratio Lower Upper
50 100
52 37.9 27.8 41.6

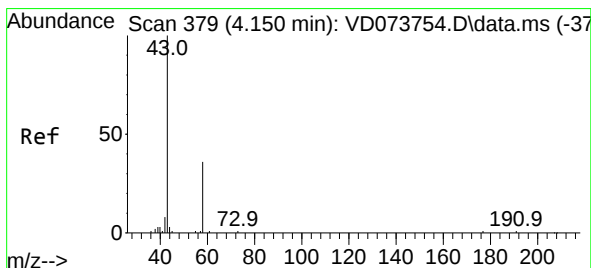
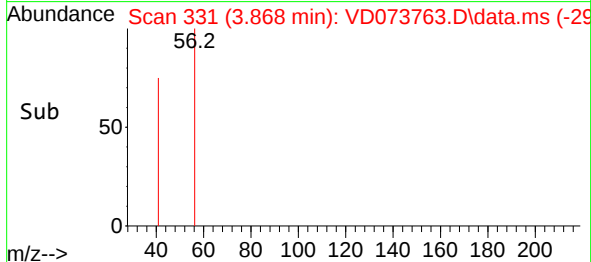
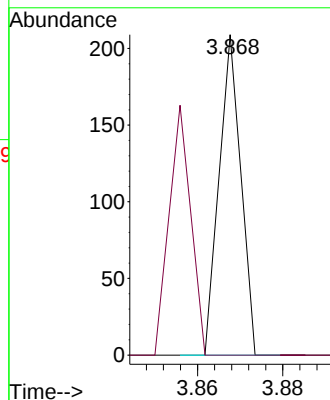
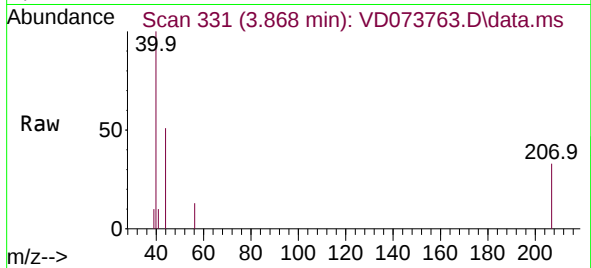




#13
Acrolein
Concen: 6.820 ug/l
RT: 3.868 min Scan# 31
Delta R.T. -0.058 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

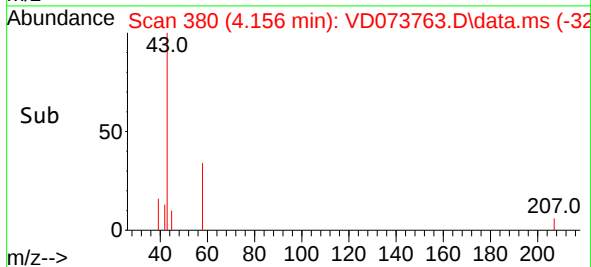
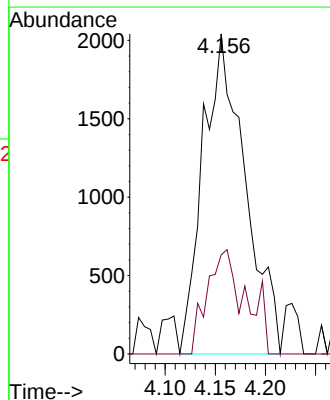
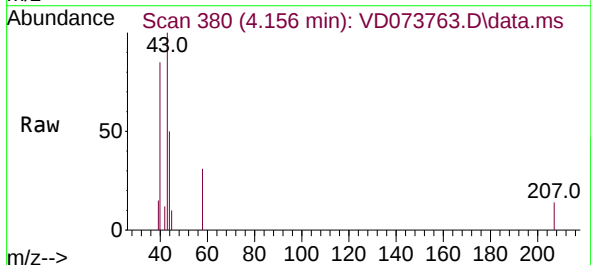
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

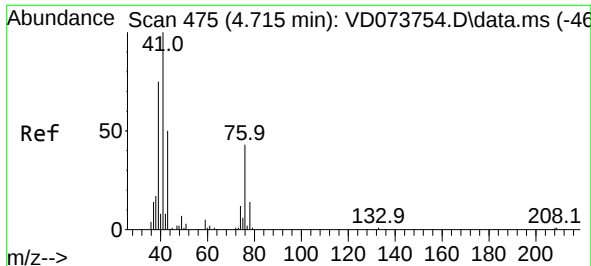
Tgt Ion: 56 Resp: 74
Ion Ratio Lower Upper
56 100
55 77.0 60.3 90.5



#16
Acetone
Concen: 60.792 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
58 31.0 25.2 37.8

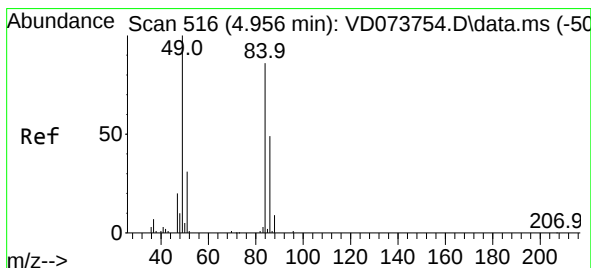
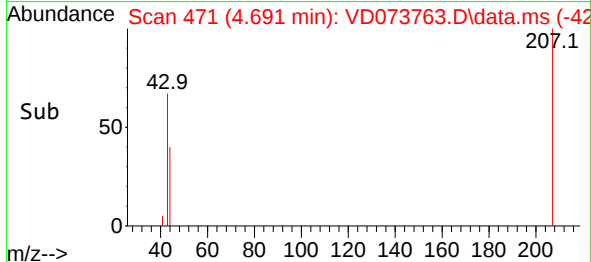
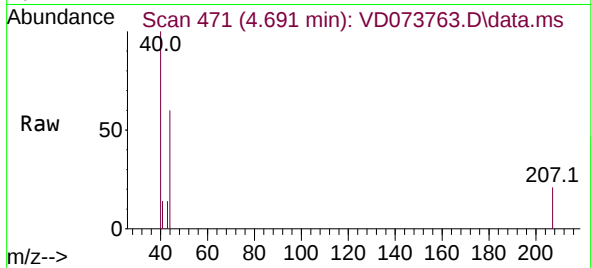




#18
Methyl Acetate
Concen: Below Cal
RT: 4.691 min Scan# 471
Delta R.T. -0.024 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

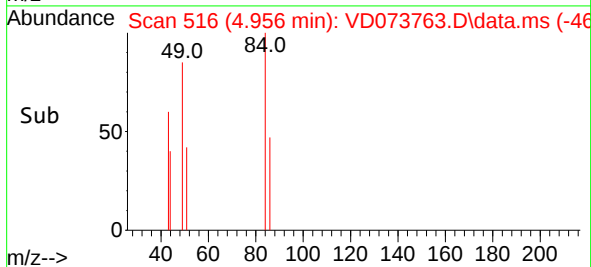
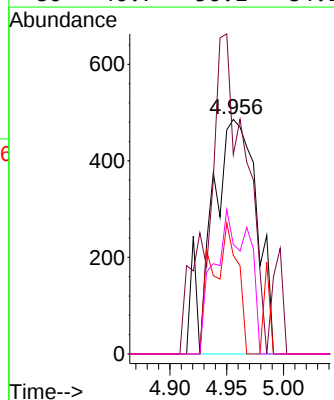
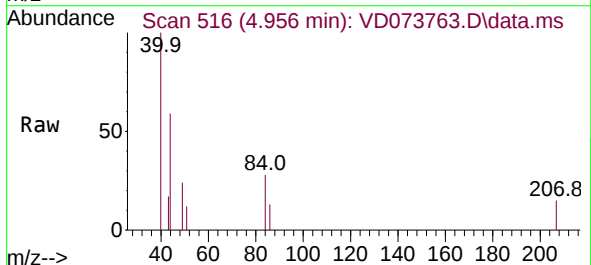
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

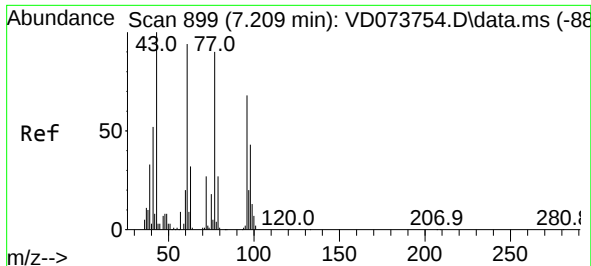
Tgt Ion: 43 Resp: 309
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 84 Resp: 1343
Ion Ratio Lower Upper
84 100
49 85.0 100.6 150.8#
51 42.0 29.8 44.6
86 46.7 56.1 84.1#





#25

2-Butanone

Concen: 8.736 ug/l

RT: 7.215 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

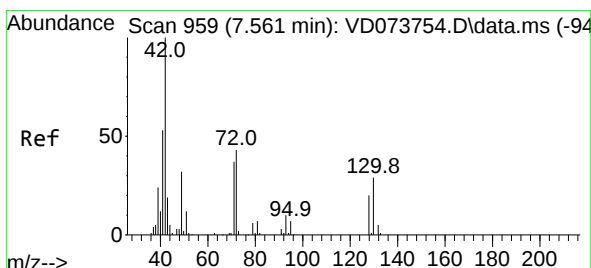
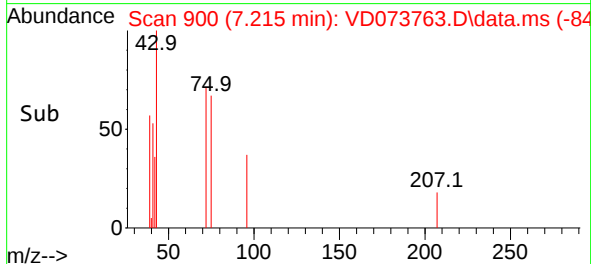
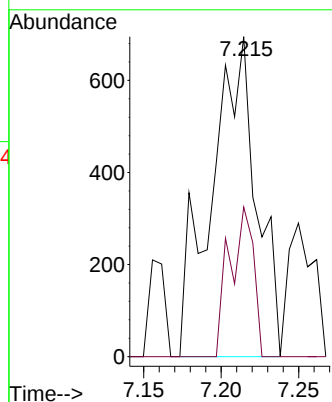
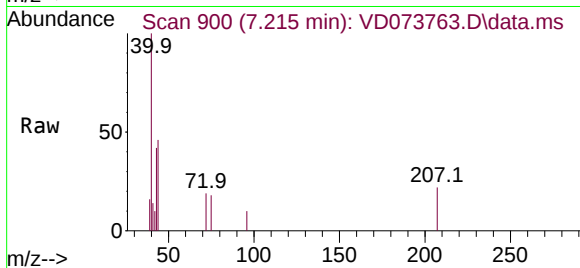
D-44-UCRE

Tgt Ion: 43 Resp: 1410

Ion Ratio Lower Upper

43 100

72 46.8 22.6 33.8#



#29

Tetrahydrofuran

Concen: 11.674 ug/l

RT: 7.573 min Scan# 961

Delta R.T. 0.012 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

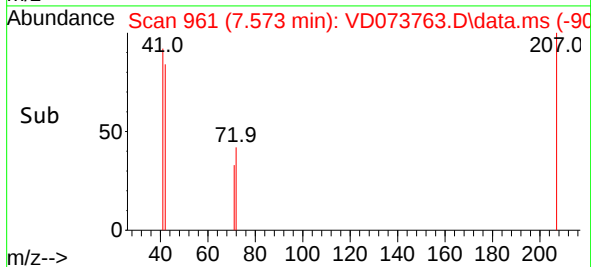
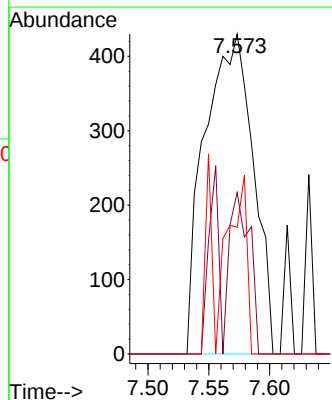
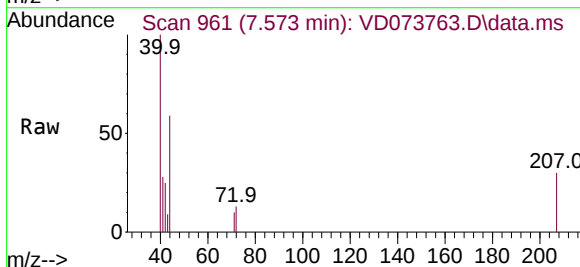
Tgt Ion: 42 Resp: 1191

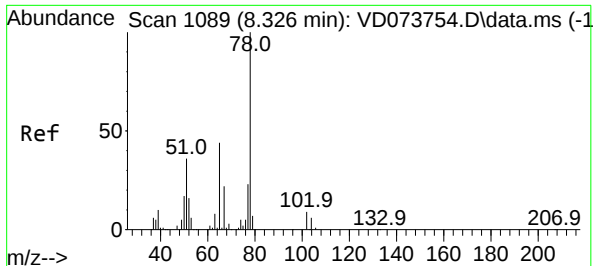
Ion Ratio Lower Upper

42 100

72 21.3 37.8 56.6#

71 21.8 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 77.150 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

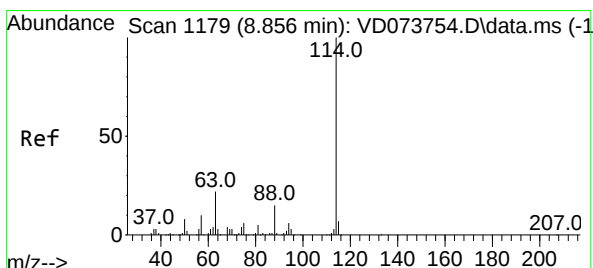
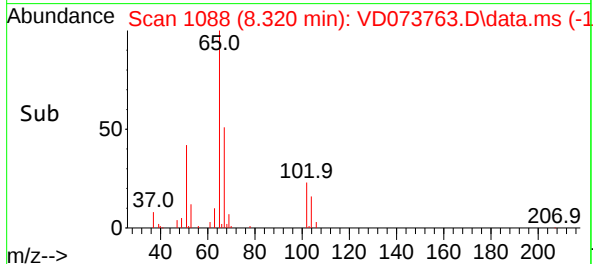
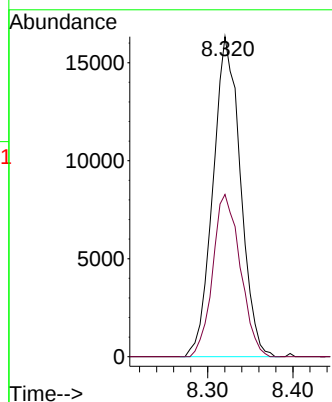
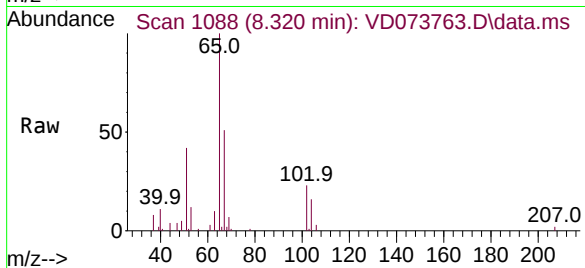
D-44-UCRE

Tgt Ion: 65 Resp: 36446

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

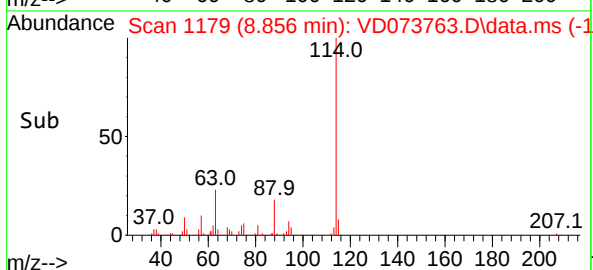
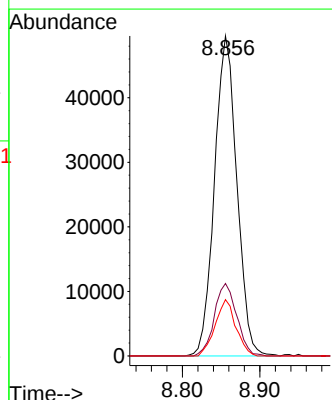
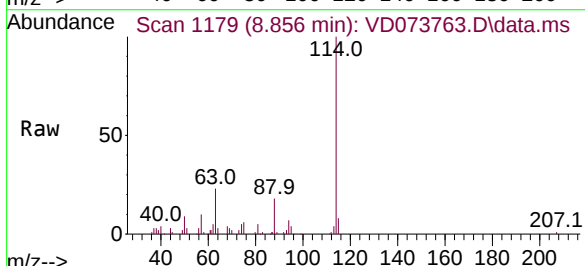
Tgt Ion: 114 Resp: 99538

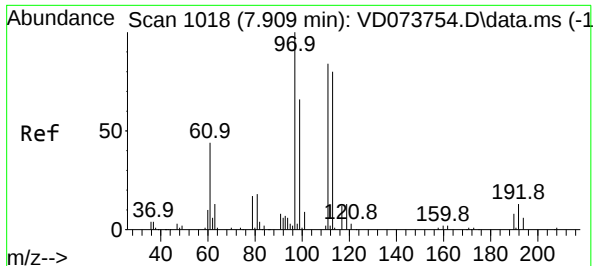
Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.2

88 17.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 60.670 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

Instrument :

MSVOA_D

ClientSampleId :

D-44-UCRE

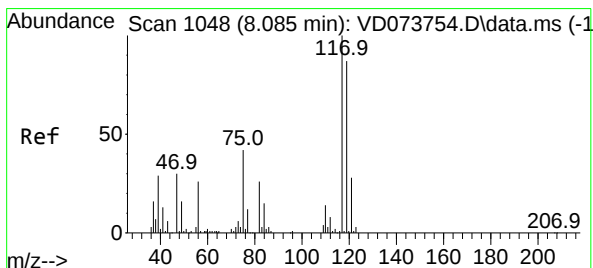
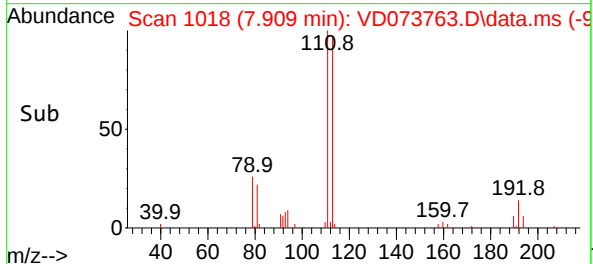
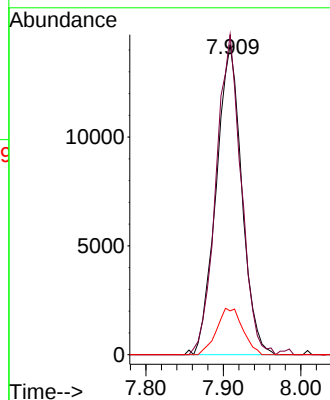
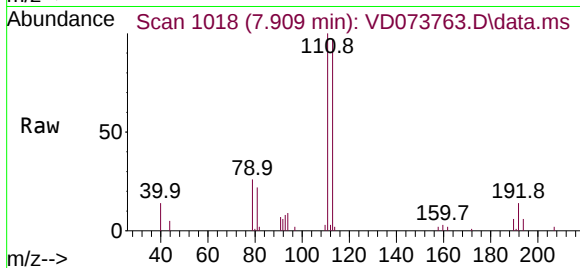
Tgt Ion:113 Resp: 32806

Ion Ratio Lower Upper

113 100

111 100.9 81.8 122.6

192 15.2 14.8 22.2



#38

Carbon Tetrachloride

Concen: 7.229 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.106 min

Lab File: VD073763.D

Acq: 01 Jul 2022 14:36

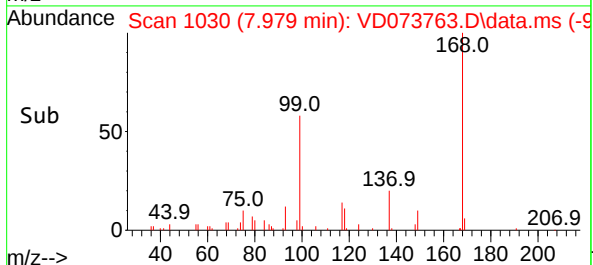
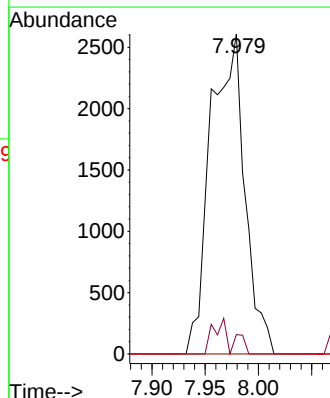
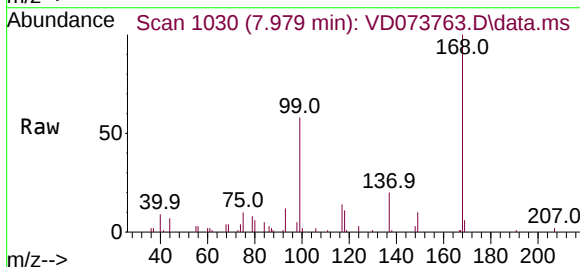
Tgt Ion:117 Resp: 5827

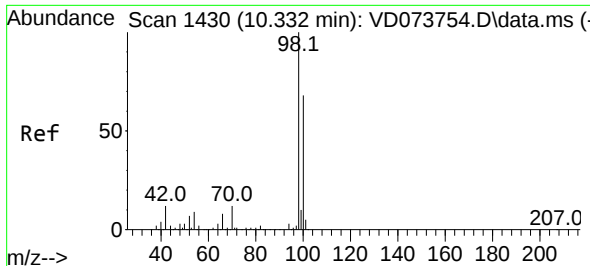
Ion Ratio Lower Upper

117 100

119 6.1 79.2 118.8#

121 0.0 23.8 35.8#

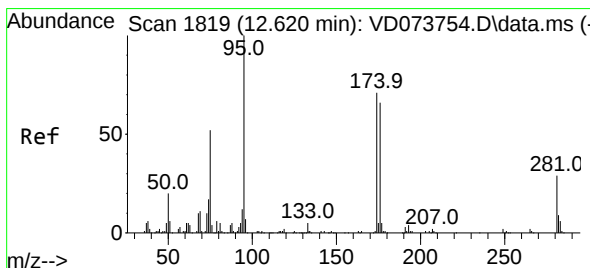
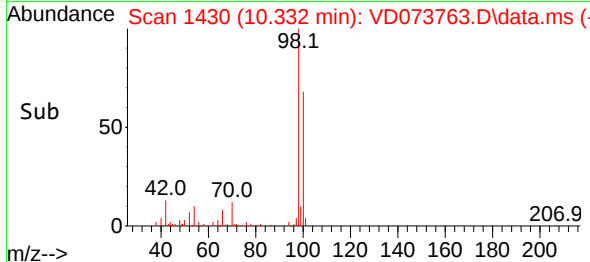
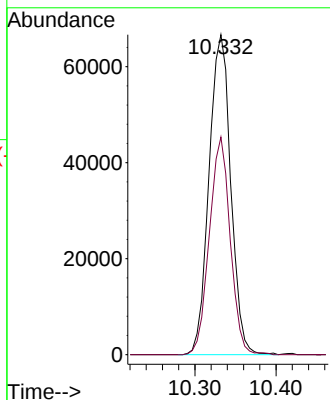
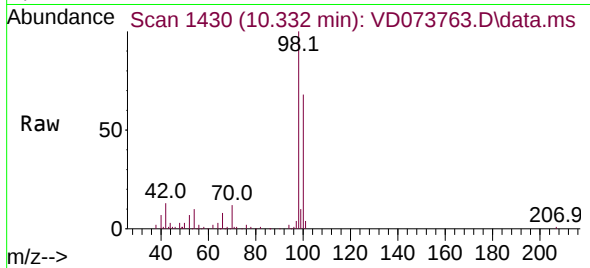




#50
Toluene-d8
Concen: 62.515 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

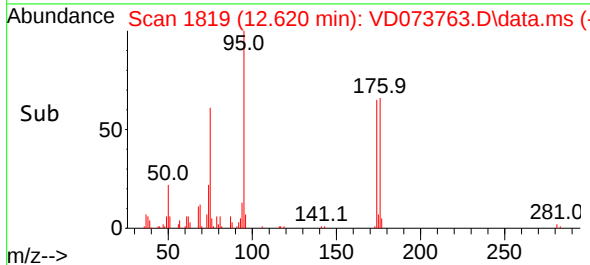
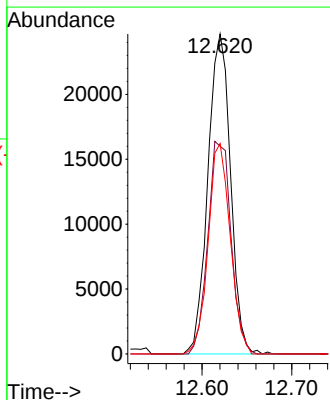
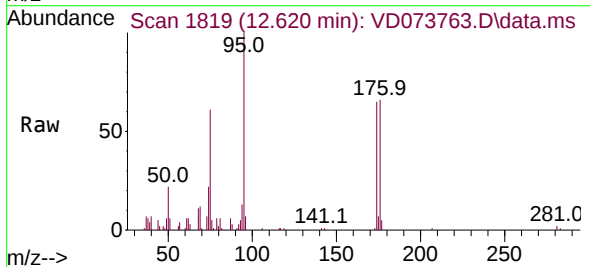
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

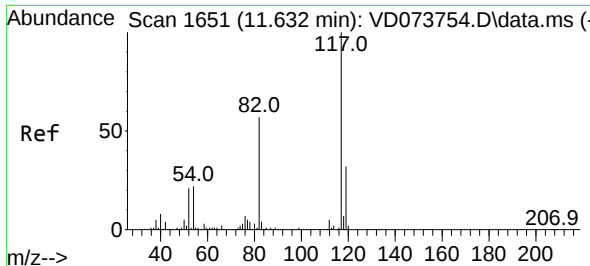
Tgt Ion: 98 Resp: 123999
Ion Ratio Lower Upper
98 100
100 65.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 55.190 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 95 Resp: 43177
Ion Ratio Lower Upper
95 100
174 68.2 0.0 158.4
176 64.1 0.0 154.8

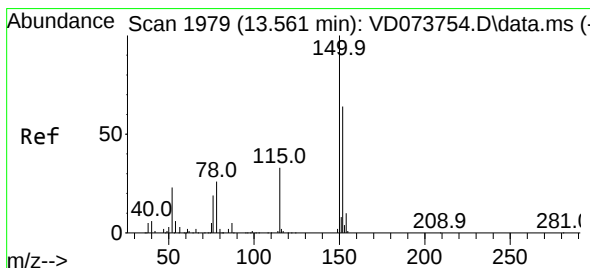
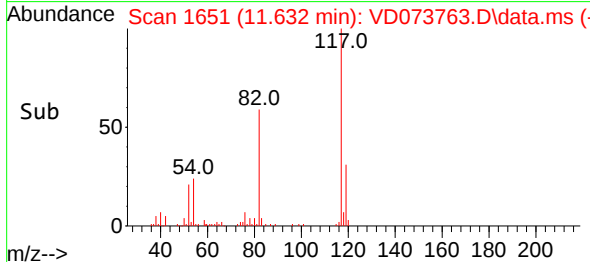
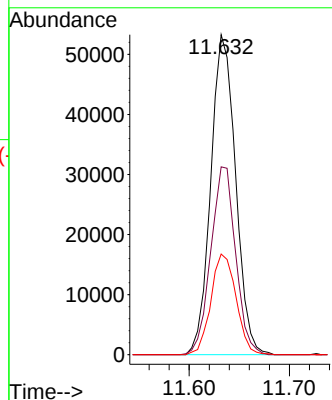
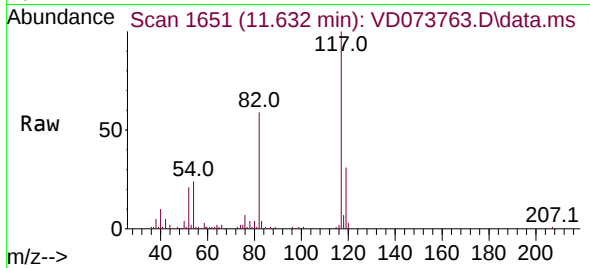




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

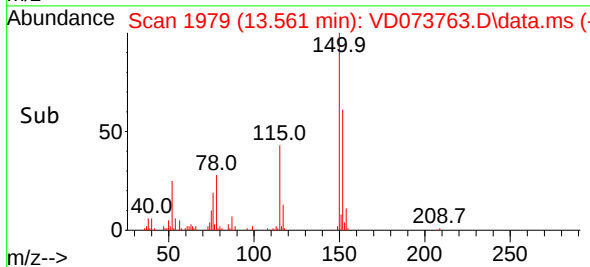
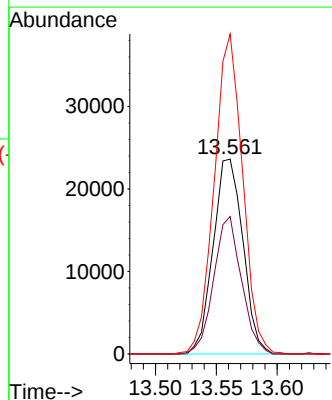
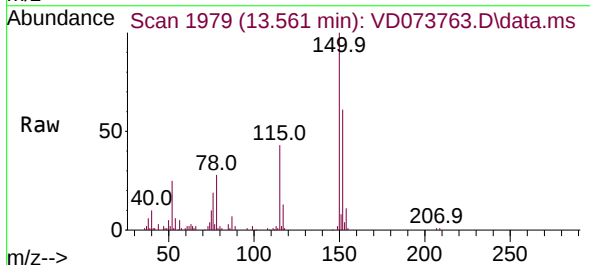
Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

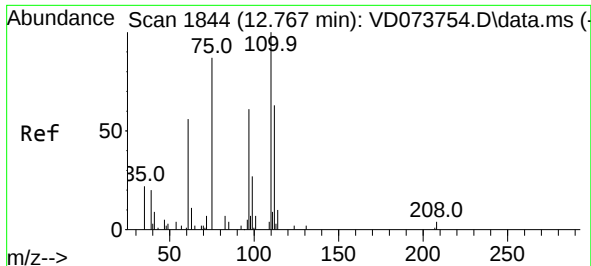
Tgt Ion:	117	Resp:	91666
Ion Ratio	Lower	Upper	
117	100		
82	58.7	41.5	62.3
119	31.5	27.1	40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion:	152	Resp:	40119
Ion Ratio	Lower	Upper	
152	100		
115	66.0	30.6	91.6
150	156.6	0.0	355.0

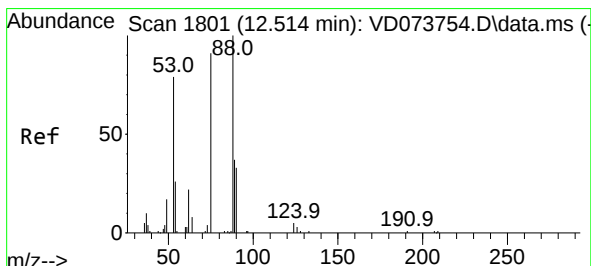
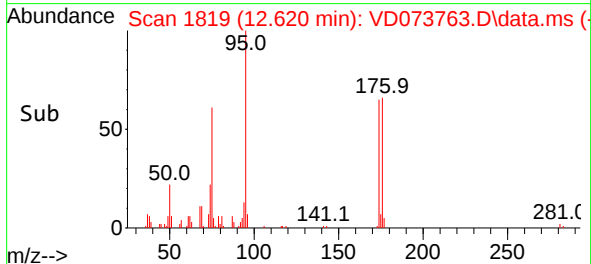
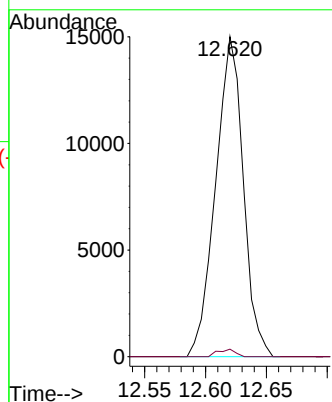
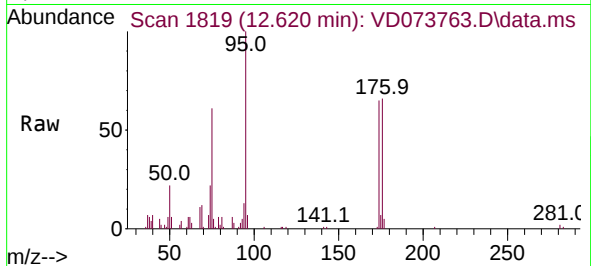




#76
1,2,3-Trichloropropane
Concen: 61.797 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Instrument :
MSVOA_D
ClientSampleId :
D-44-UCRE

Tgt Ion: 75 Resp: 23693
Ion Ratio Lower Upper
75 100
77 1.5 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.213 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073763.D
Acq: 01 Jul 2022 14:36

Tgt Ion: 75 Resp: 23693
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.0 37.8 56.8#

