

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070122\
 Data File : VD073764.D
 Acq On : 01 Jul 2022 15:06
 Operator : VA/SY
 Sample : N3502-05RE
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D-43-UC

Quant Time: Jul 05 05:08:01 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)

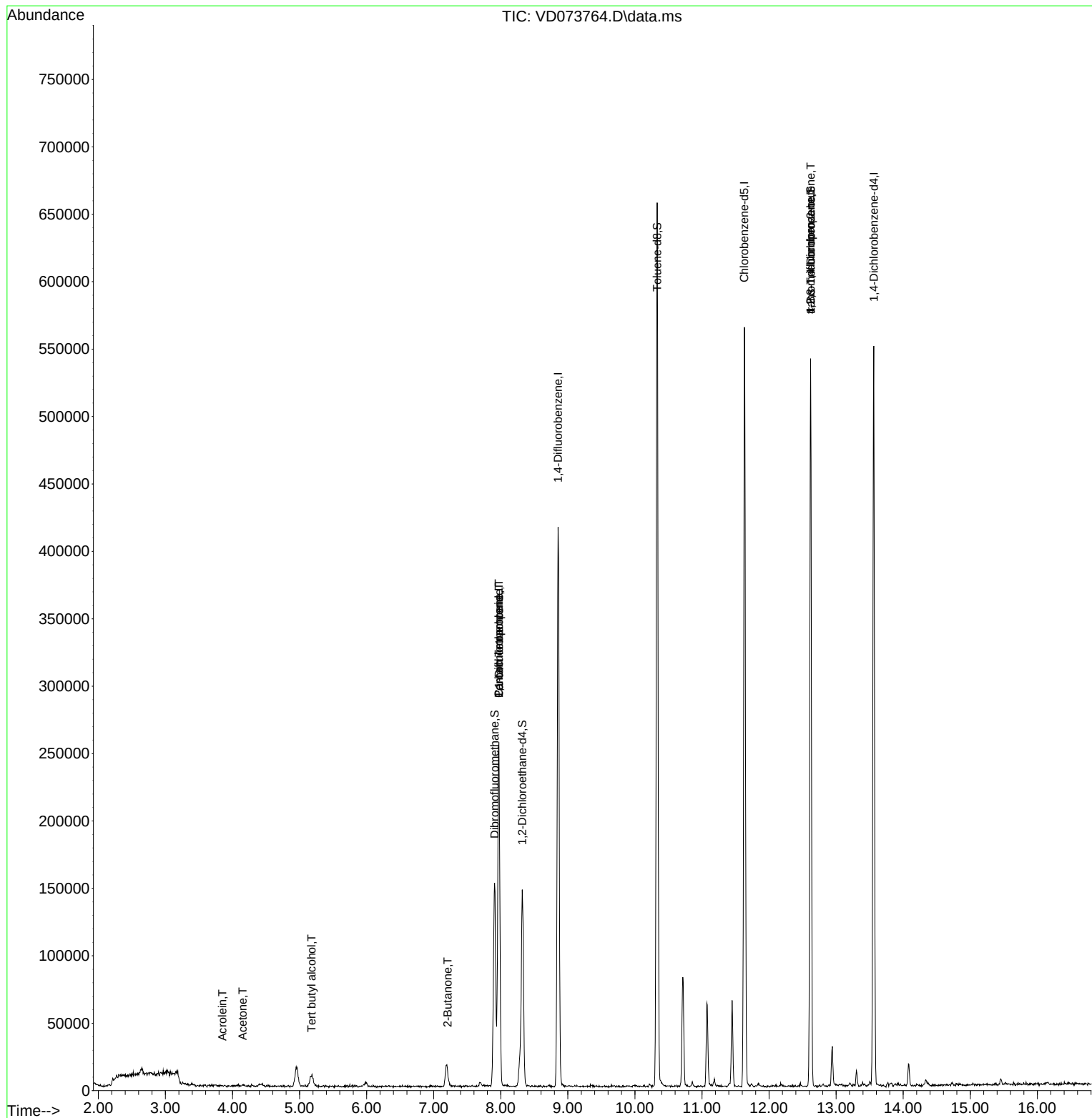
Internal Standards						
1) Pentafluorobenzene	7.973	168	170721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	347713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	309354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	135784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	111114	66.718	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.440%	
35) Dibromofluoromethane	7.908	113	107422	56.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.740%	
50) Toluene-d8	10.332	98	428740	61.876	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.760%	
62) 4-Bromofluorobenzene	12.620	95	147013	53.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.580%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	1125	Below Cal		98
11) Tert butyl alcohol	5.179	59	5372	13.096 ug/l	#	100
13) Acrolein	3.850	56	126	3.294 ug/l	#	67
16) Acetone	4.150	43	2575	7.431 ug/l	#	87
18) Methyl Acetate	4.720	43	61	Below Cal	#	50
25) 2-Butanone	7.208	43	1009	1.773 ug/l	#	47
31) Cyclohexane	7.973	56	5199	Below Cal	#	25
36) 1,1-Dichloropropene	7.973	75	16934	6.457 ug/l	#	49
38) Carbon Tetrachloride	7.973	117	21635	7.683 ug/l	#	14
76) 1,2,3-Trichloropropane	12.620	75	81495	62.802 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.620	75	81495	121.154 ug/l	#	11

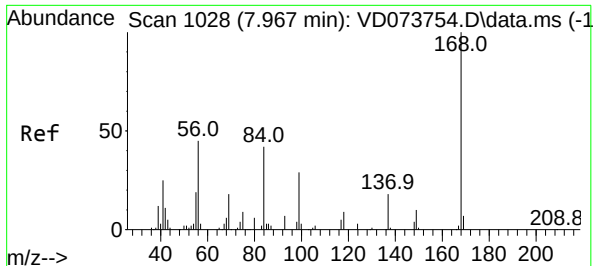
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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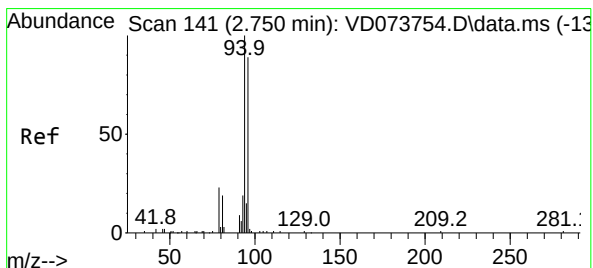
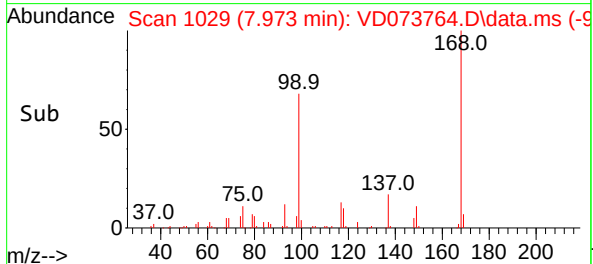
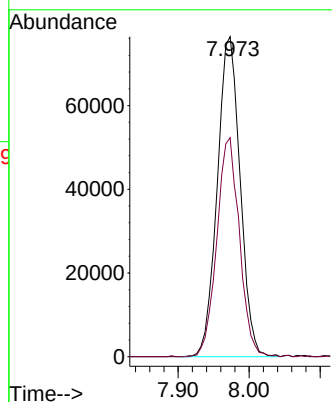
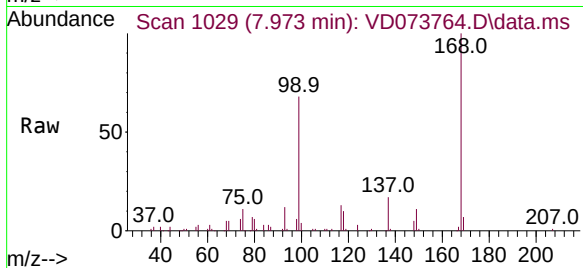




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

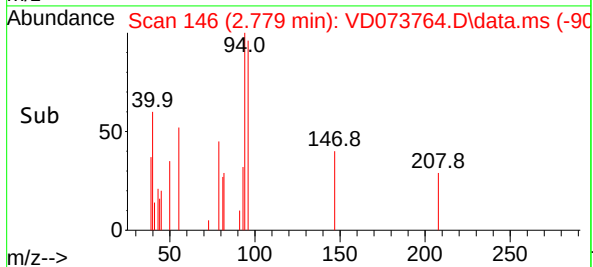
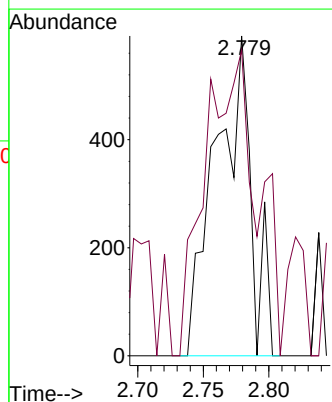
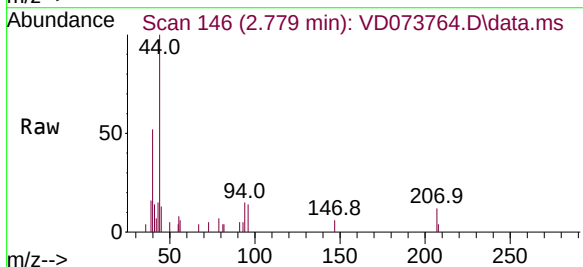
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

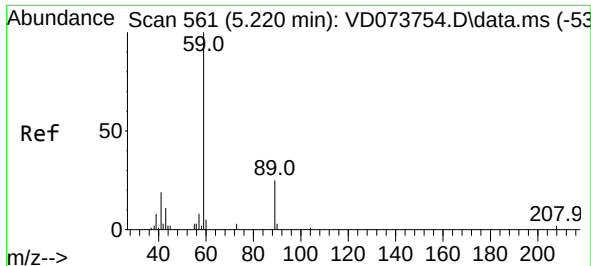
Tgt Ion:168 Resp: 170721
Ion Ratio Lower Upper
168 100
99 68.4 46.4 69.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.029 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 94 Resp: 1125
Ion Ratio Lower Upper
94 100
96 95.6 75.1 112.7





#11

Tert butyl alcohol

Concen: 13.096 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.041 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

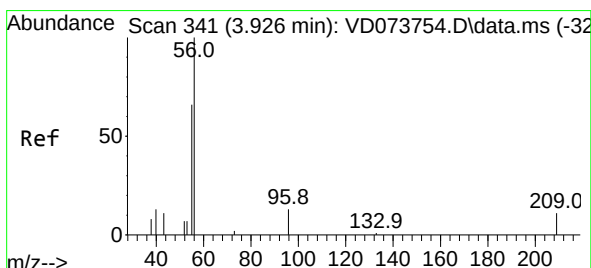
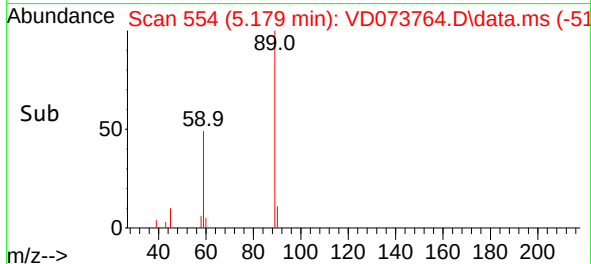
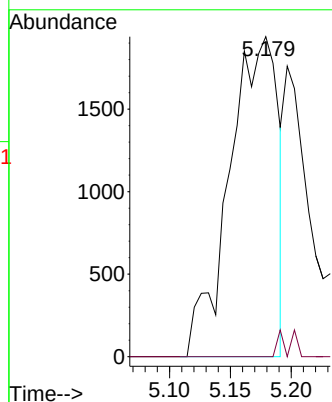
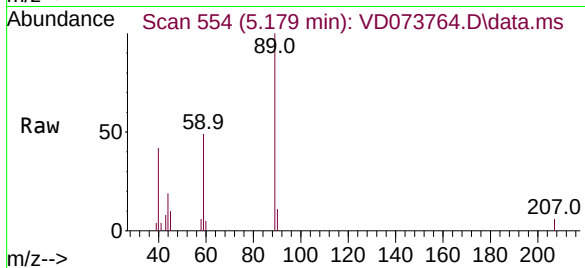
D-43-UC

Tgt Ion: 59 Resp: 5372

Ion Ratio Lower Upper

59 100

57 2.1 0.0 0.0#



#13

Acrolein

Concen: 3.294 ug/l

RT: 3.850 min Scan# 328

Delta R.T. -0.076 min

Lab File: VD073764.D

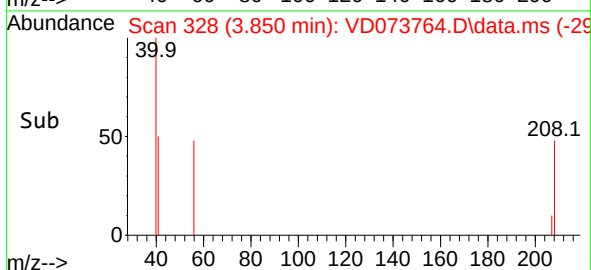
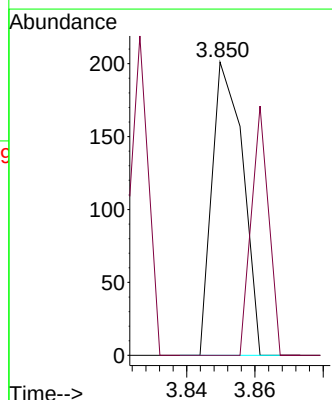
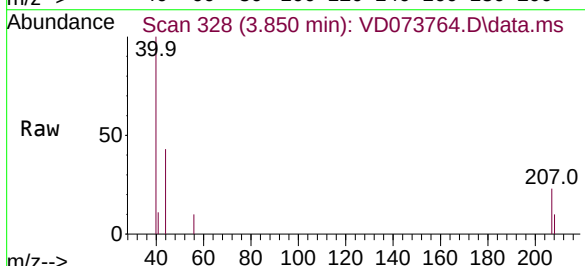
Acq: 01 Jul 2022 15:06

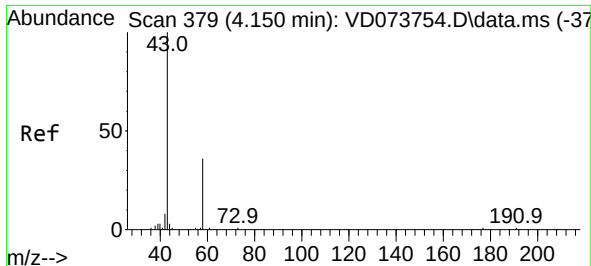
Tgt Ion: 56 Resp: 126

Ion Ratio Lower Upper

56 100

55 47.6 60.3 90.5#

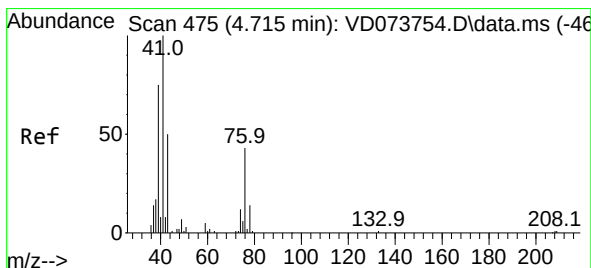
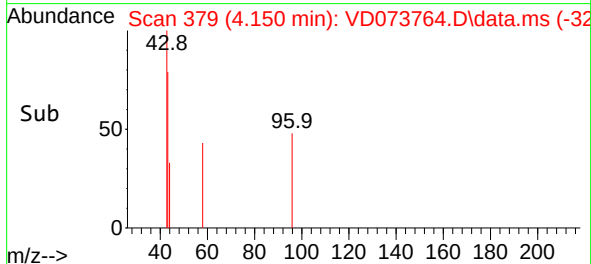
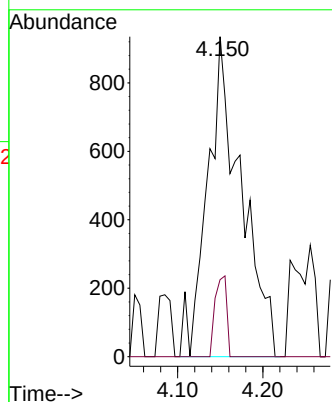
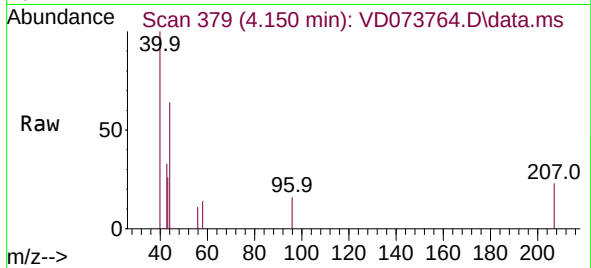




#16
Acetone
Concen: 7.431 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

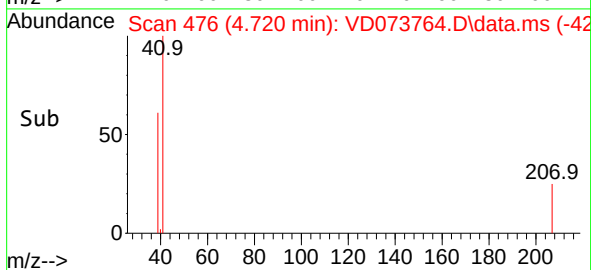
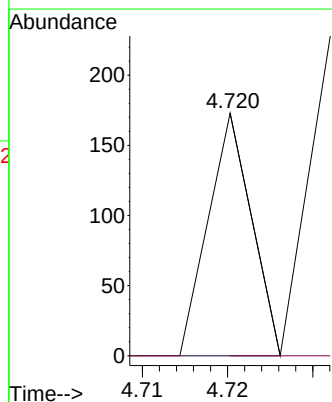
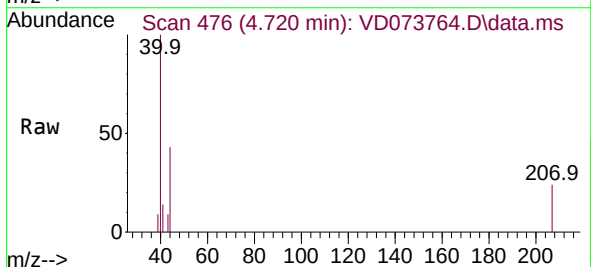
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

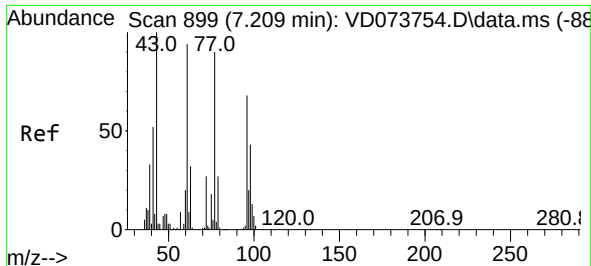
Tgt Ion: 43 Resp: 2575
Ion Ratio Lower Upper
43 100
58 24.1 25.2 37.8#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 476
Delta R.T. 0.005 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 43 Resp: 61
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#





#25

2-Butanone

Concen: 1.773 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

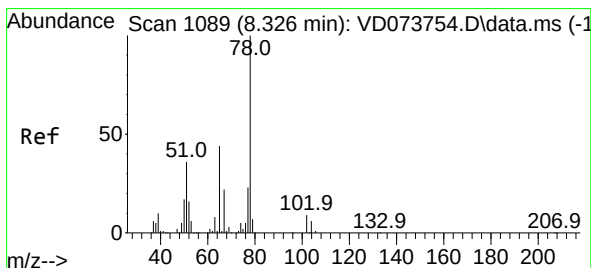
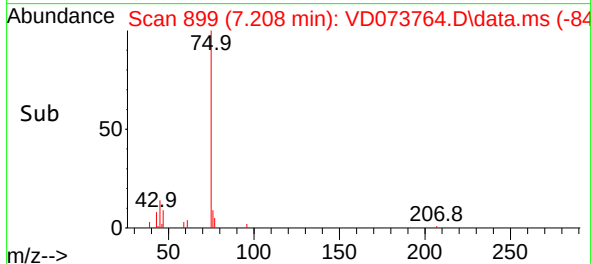
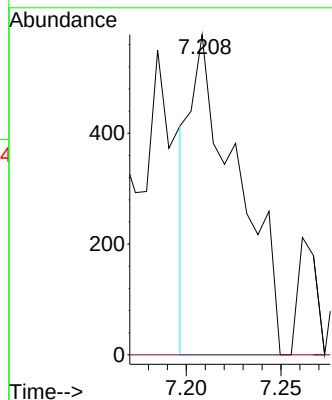
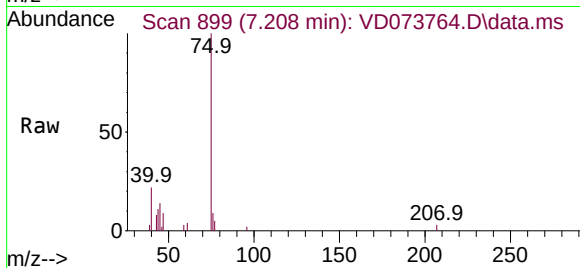
D-43-UC

Tgt Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

72 0.0 22.6 33.8#



#33

1,2-Dichloroethane-d4

Concen: 66.718 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073764.D

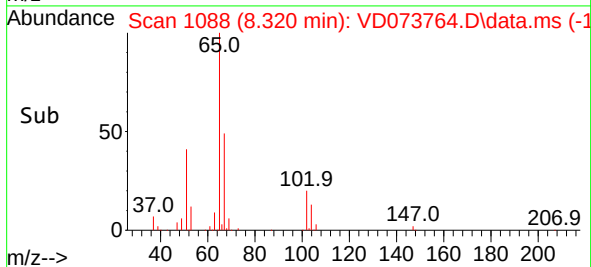
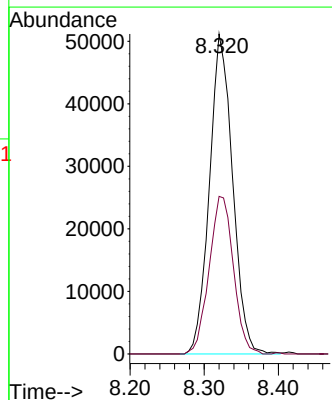
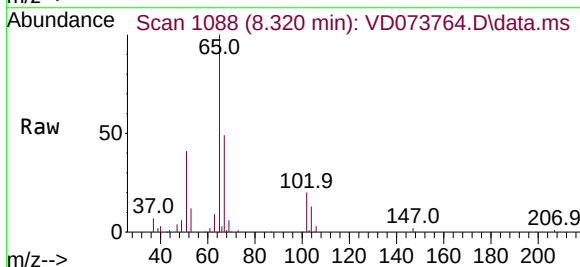
Acq: 01 Jul 2022 15:06

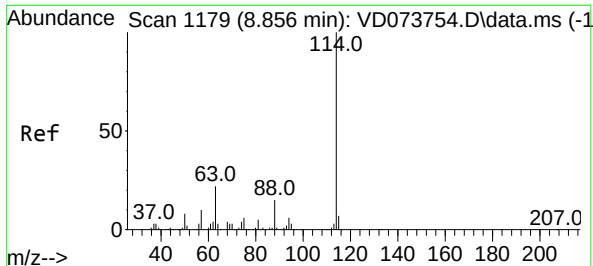
Tgt Ion: 65 Resp: 111114

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.2

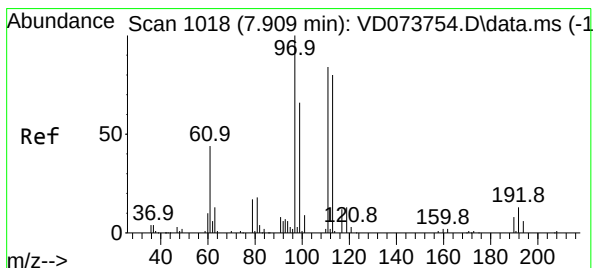
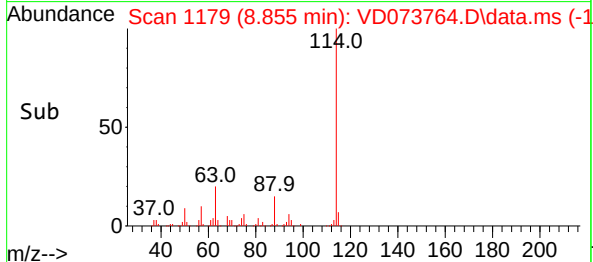
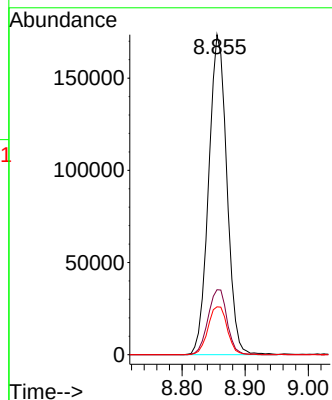
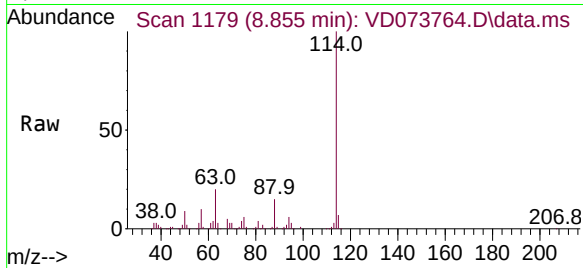




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

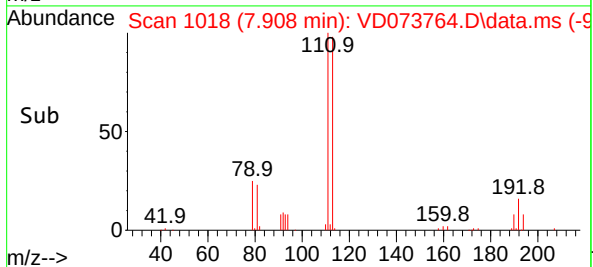
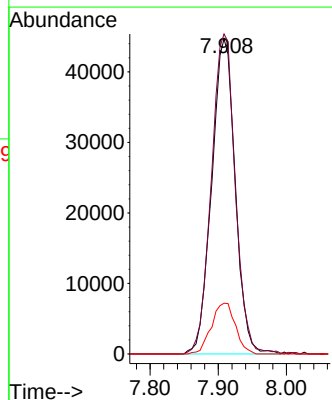
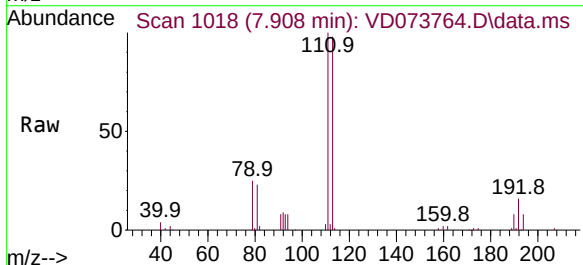
Instrument :
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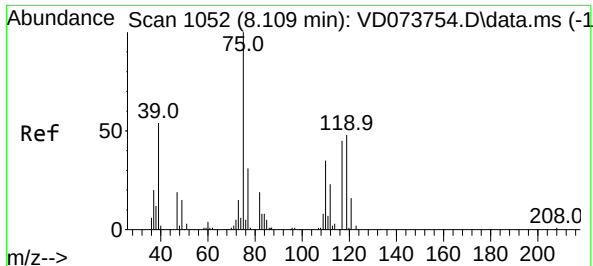
Tgt Ion:114 Resp: 347713
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 14.9 0.0 29.4



#35
Dibromofluoromethane
Concen: 56.869 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion:113 Resp: 107422
Ion Ratio Lower Upper
113 100
111 102.9 81.8 122.6
192 16.4 14.8 22.2





#36

1,1-Dichloropropene

Concen: 6.457 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

Instrument :

MSVOA_D

ClientSampleId :

D-43-UC

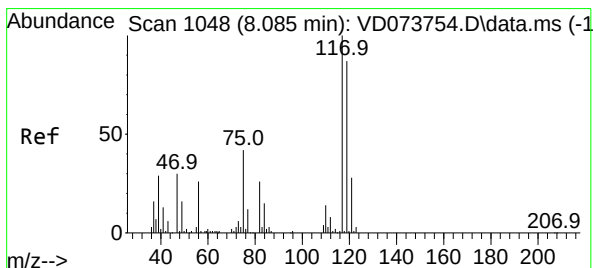
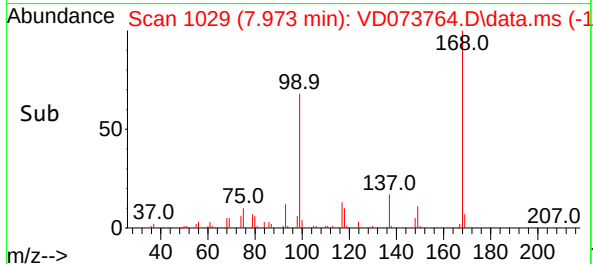
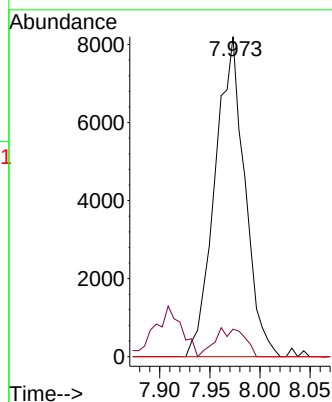
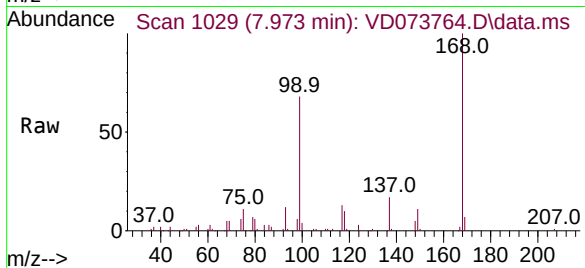
Tgt Ion: 75 Resp: 16934

Ion Ratio Lower Upper

75 100

110 8.8 18.0 54.0#

77 0.0 25.6 38.4#



#38

Carbon Tetrachloride

Concen: 7.683 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.112 min

Lab File: VD073764.D

Acq: 01 Jul 2022 15:06

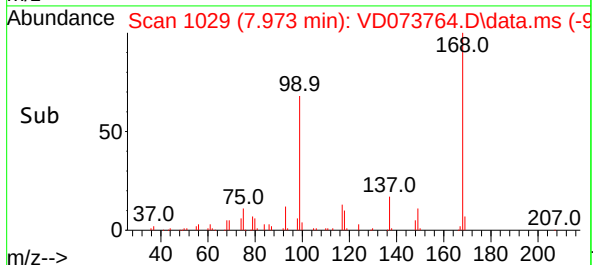
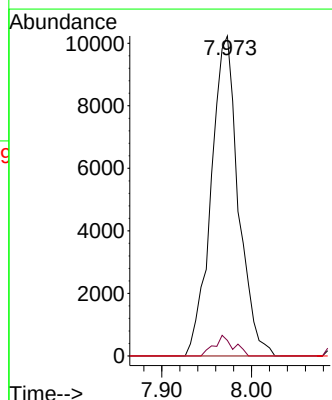
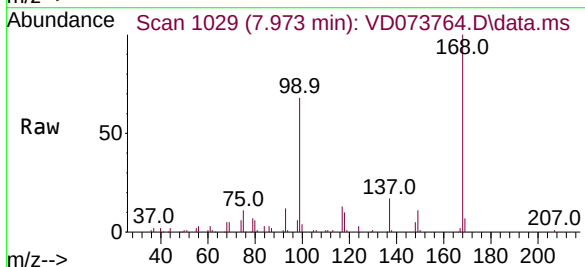
Tgt Ion: 117 Resp: 21635

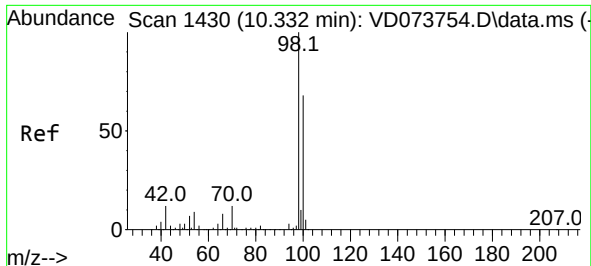
Ion Ratio Lower Upper

117 100

119 4.8 79.2 118.8#

121 0.0 23.8 35.8#

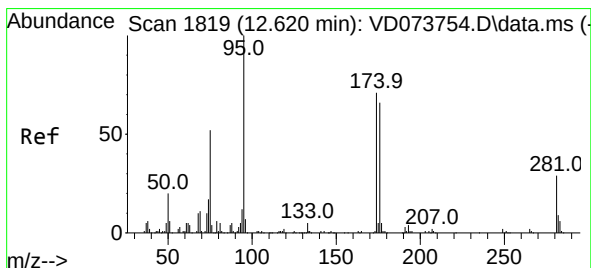
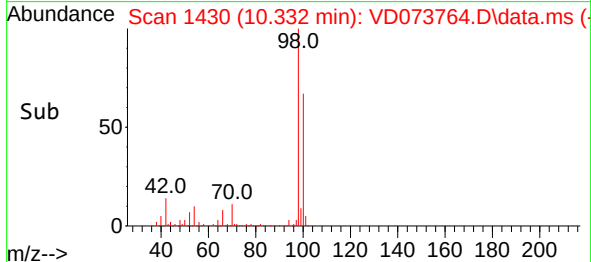
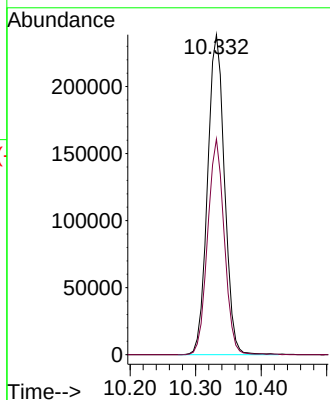
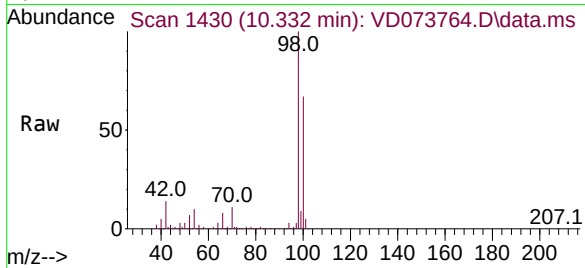




#50
Toluene-d8
Concen: 61.876 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

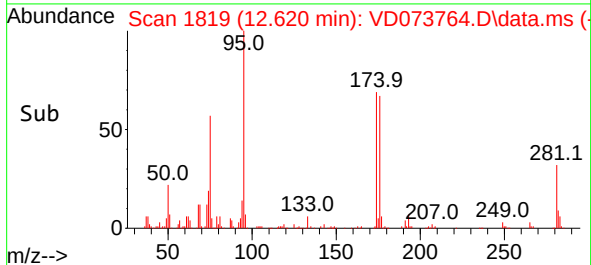
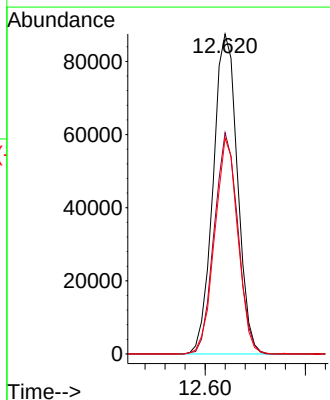
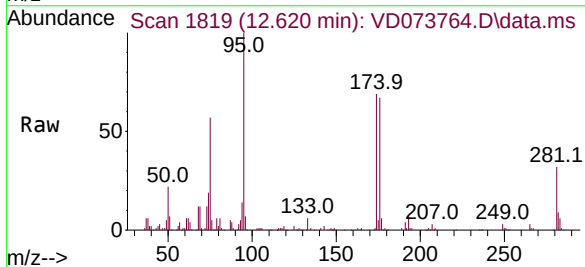
Instrument :
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D-43-UC

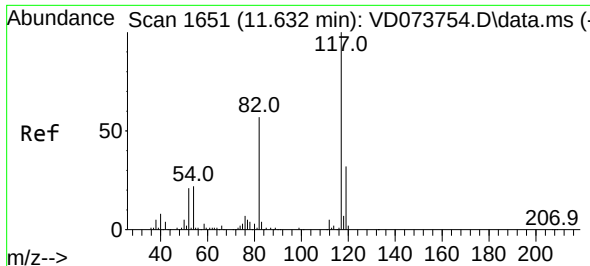
Tgt Ion: 98 Resp: 428740
Ion Ratio Lower Upper
98 100
100 66.2 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 53.794 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 95 Resp: 147013
Ion Ratio Lower Upper
95 100
174 67.3 0.0 158.4
176 64.3 0.0 154.8

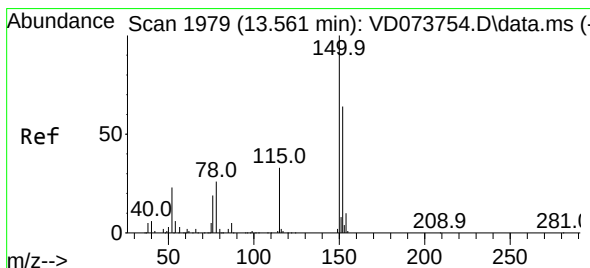
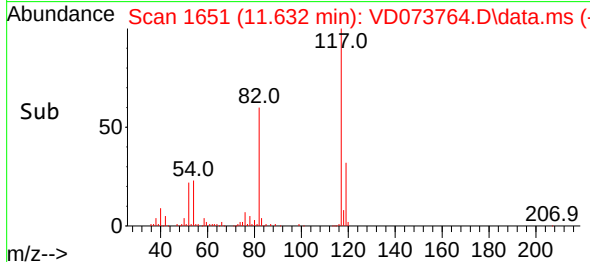
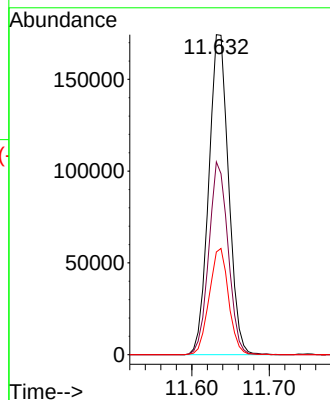
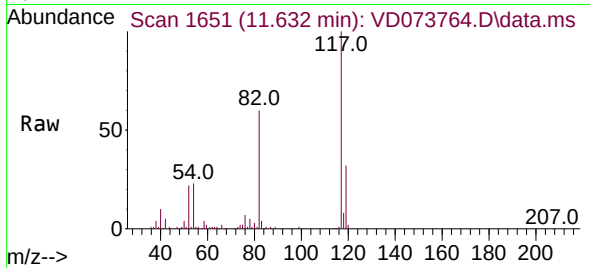




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

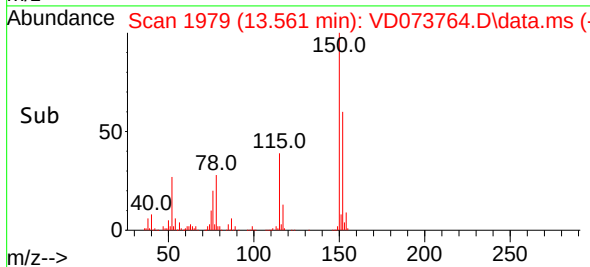
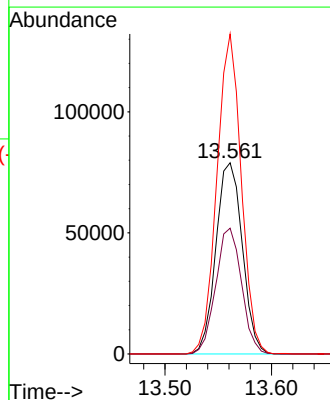
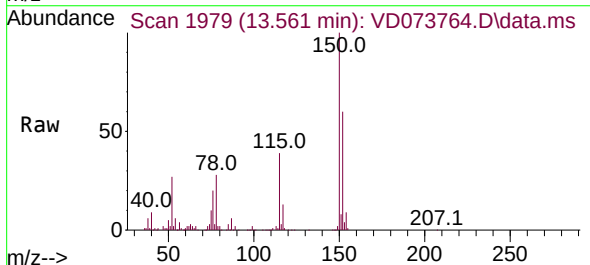
Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

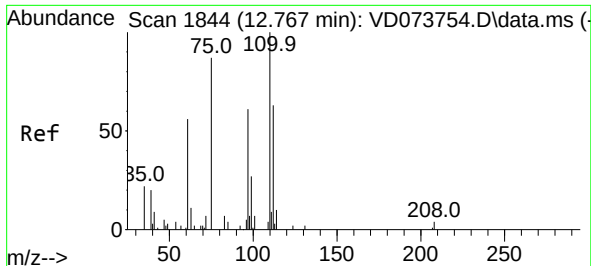
Tgt Ion:117 Resp: 309354
Ion Ratio Lower Upper
117 100
82 60.3 41.5 62.3
119 32.1 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion:152 Resp: 135784
Ion Ratio Lower Upper
152 100
115 64.2 30.6 91.6
150 154.4 0.0 355.0

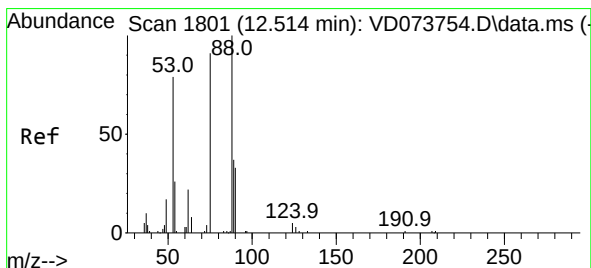
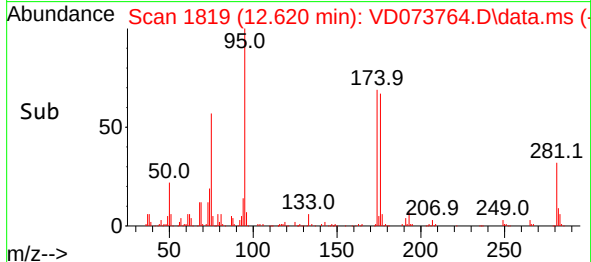
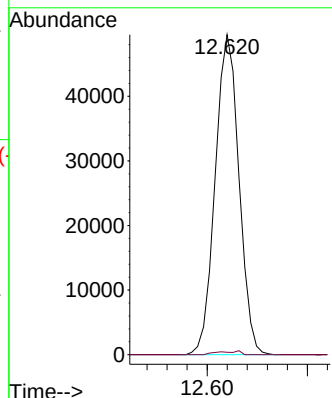
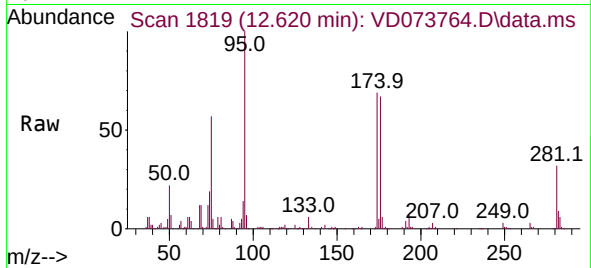




#76
1,2,3-Trichloropropane
Concen: 62.802 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Instrument :
MSVOA_D
ClientSampleId :
D-43-UC

Tgt Ion: 75 Resp: 81495
Ion Ratio Lower Upper
75 100
77 1.0 195.3 586.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.154 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073764.D
Acq: 01 Jul 2022 15:06

Tgt Ion: 75 Resp: 81495
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.6#
89 0.7 37.8 56.8#

