

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073950.D
 Acq On : 04 Aug 2022 13:43
 Operator : VA/SY
 Sample : VD0804SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:52:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

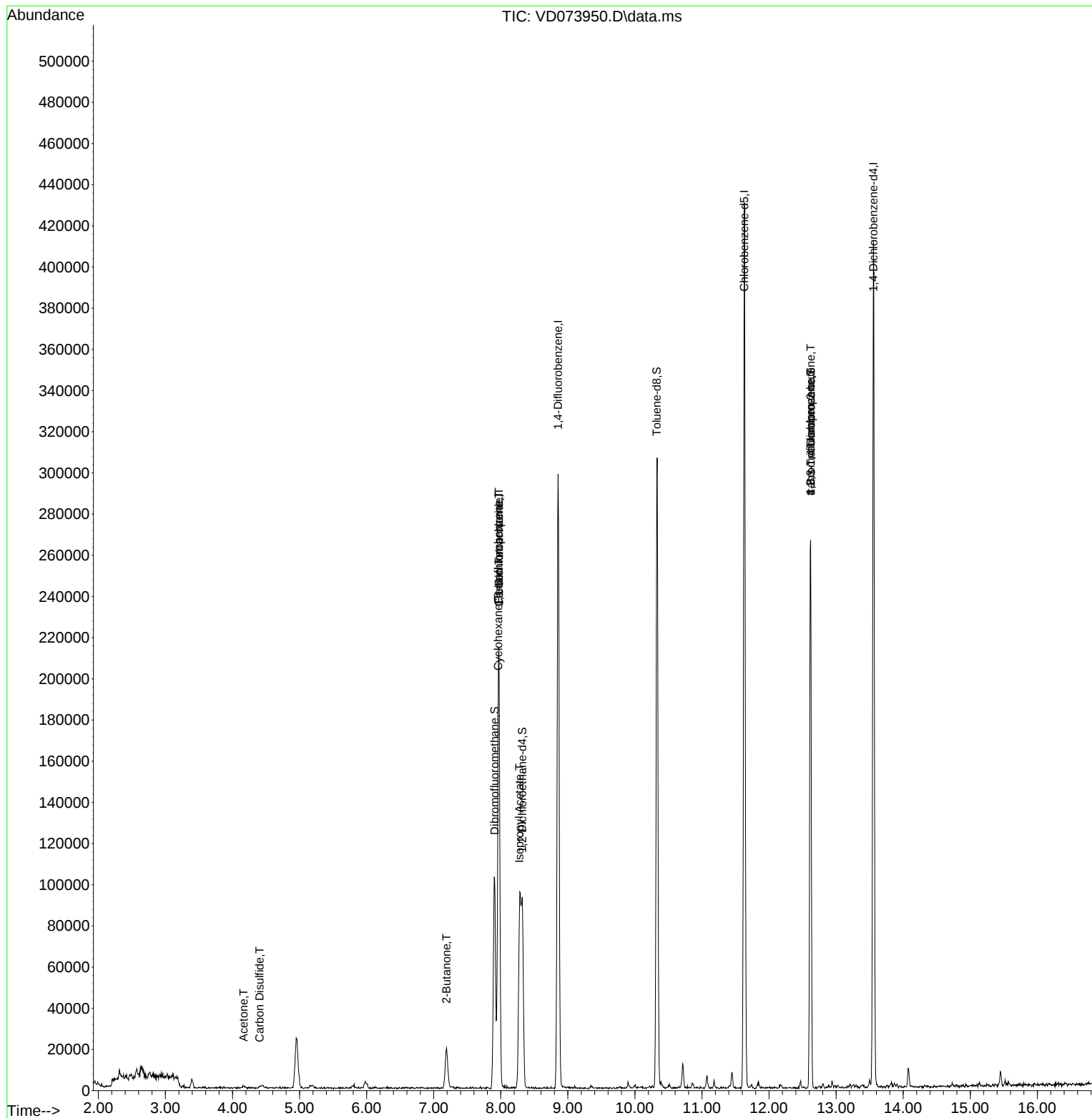
Internal Standards						
1) Pentafluorobenzene	7.967	168	154249	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	261606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	238770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	106388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	64560	50.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.920%	
35) Dibromofluoromethane	7.908	113	71990	44.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 88.580%	
50) Toluene-d8	10.326	98	210387	38.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.860%	
62) 4-Bromofluorobenzene	12.620	95	78597	39.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.080%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	933	Below Cal		91
11) Tert butyl alcohol	5.238	59	159	Below Cal	#	75
16) Acetone	4.167	43	1694	14.791	ug/l	96
17) Carbon Disulfide	4.403	76	753	1.941	ug/l #	75
18) Methyl Acetate	4.779	43	90	Below Cal	#	48
20) Methylene Chloride	4.950	84	18178	Below Cal		90
25) 2-Butanone	7.191	43	1144	3.039	ug/l #	46
31) Cyclohexane	7.961	56	4053	1.697	ug/l #	76
36) 1,1-Dichloropropene	7.973	75	13011	5.620	ug/l #	49
38) Carbon Tetrachloride	7.973	117	17697	6.824	ug/l #	17
43) Isopropyl Acetate	8.279	43	2610	1.529	ug/l #	56
76) 1,2,3-Trichloropropane	12.620	75	43048	53.957	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	43048	116.087	ug/l #	13

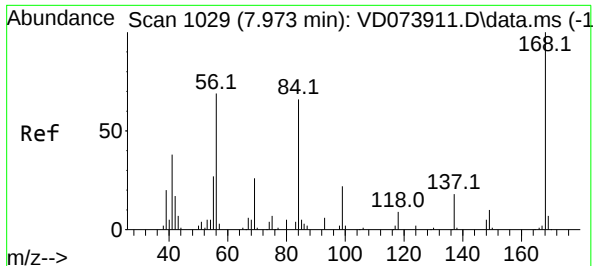
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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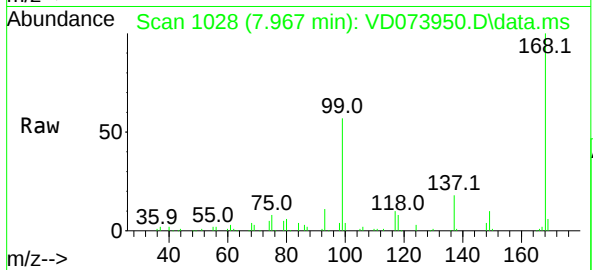
Quant Time: Aug 05 07:52:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



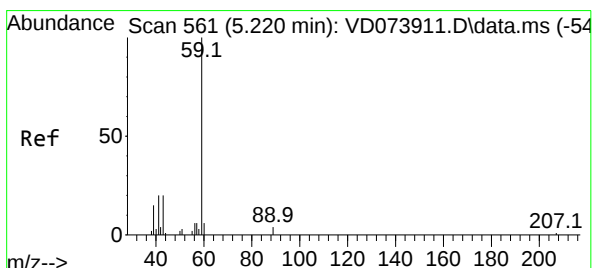
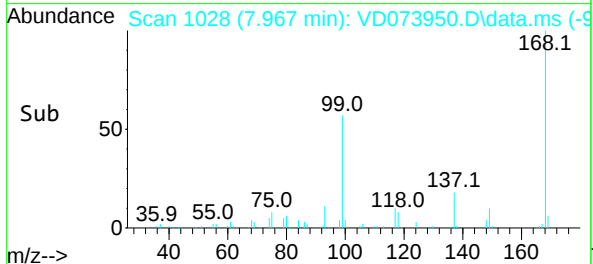
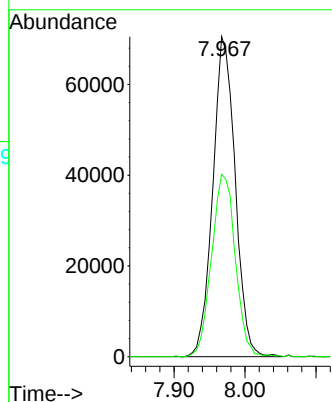


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :

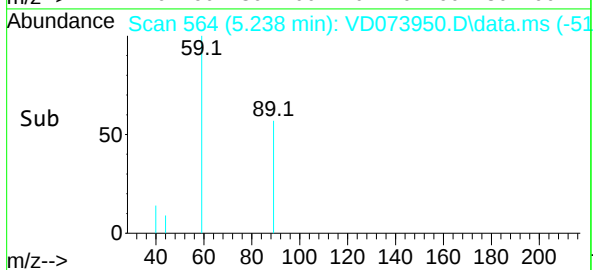
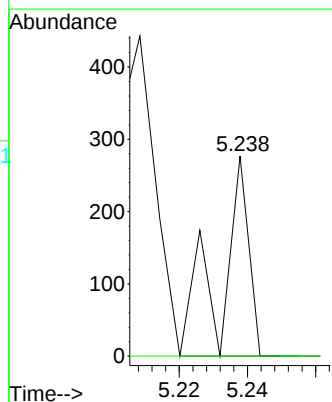
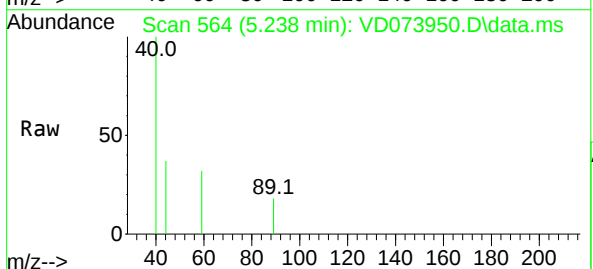


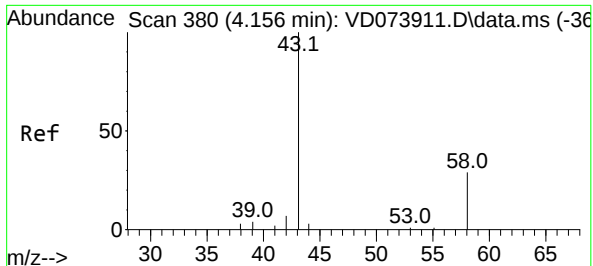
Tgt Ion:168 Resp: 154249
Ion Ratio Lower Upper
168 100
99 57.0 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.238 min Scan# 564
Delta R.T. 0.018 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

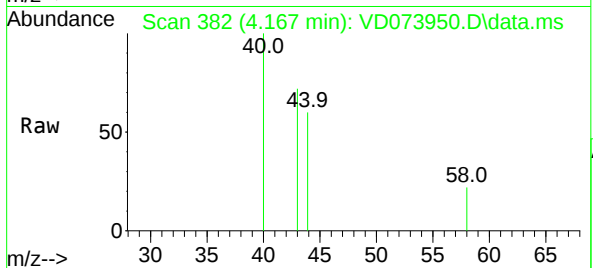
Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#



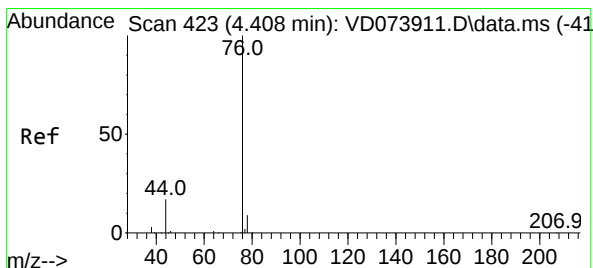
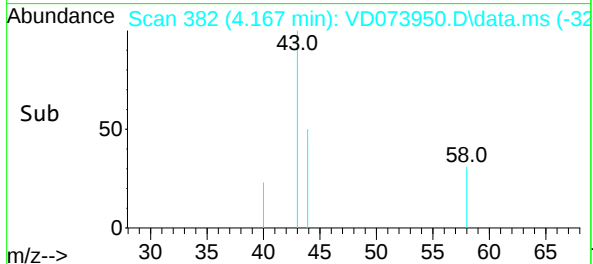
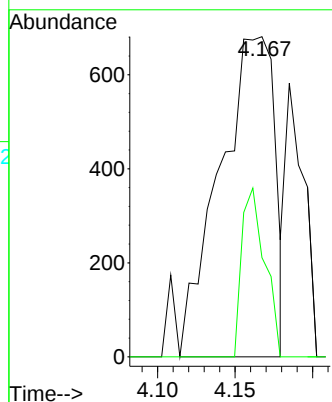


#16
Acetone
Concen: 14.791 ug/l
RT: 4.167 min Scan# 31
Delta R.T. 0.011 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :

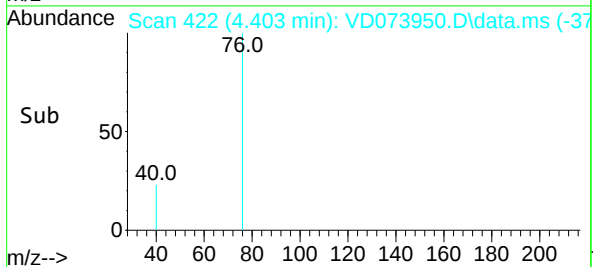
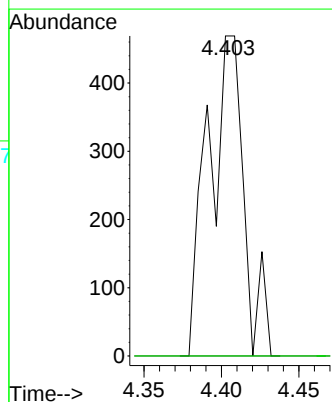
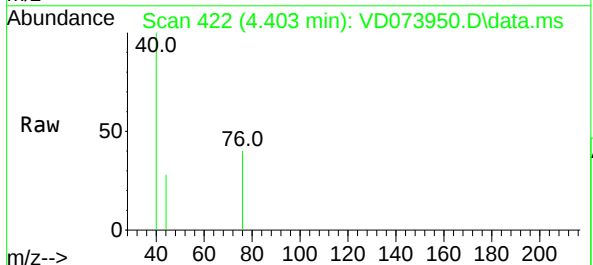


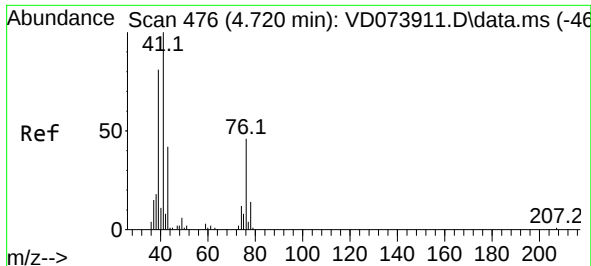
Tgt Ion: 43 Resp: 1694
Ion Ratio Lower Upper
43 100
58 31.0 23.0 34.6



#17
Carbon Disulfide
Concen: 1.941 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.005 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

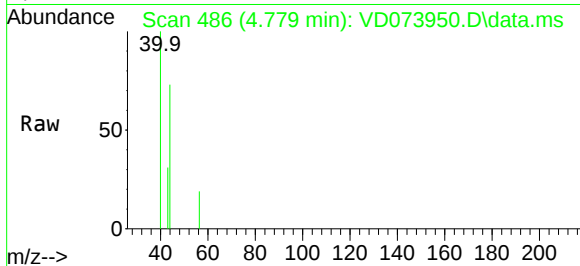
Tgt Ion: 76 Resp: 753
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



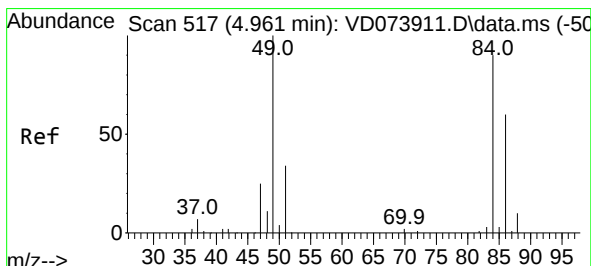
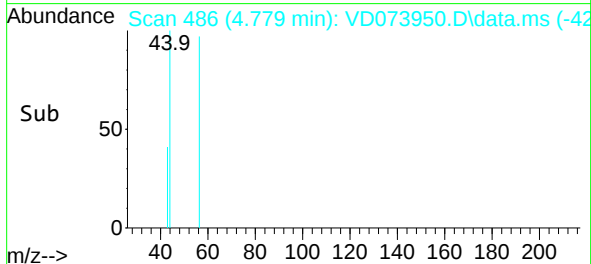
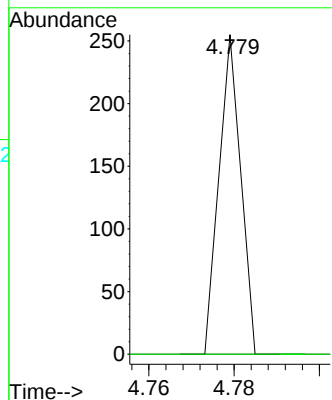


#18
Methyl Acetate
Concen: Below Cal
RT: 4.779 min Scan# 41
Delta R.T. 0.059 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :

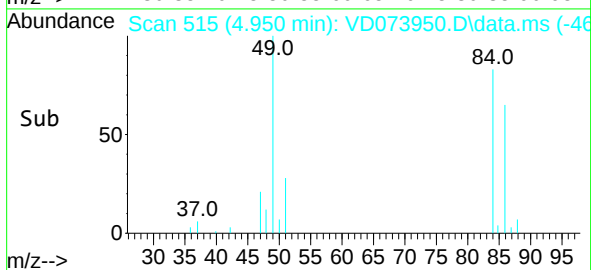
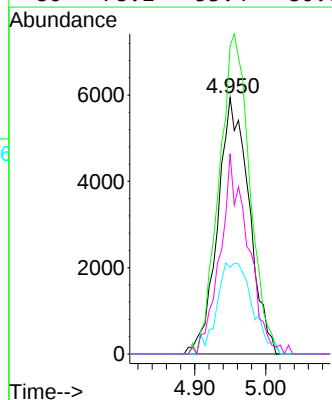
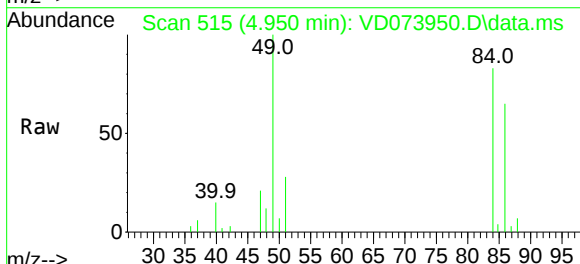


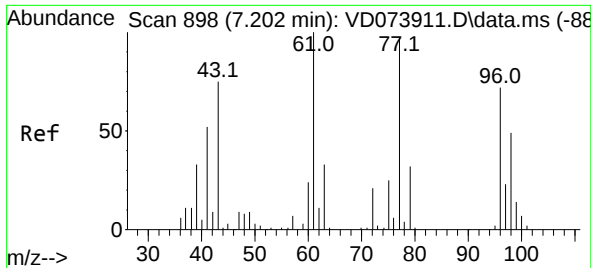
Tgt Ion: 43 Resp: 90
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.011 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Tgt Ion: 84 Resp: 18178
Ion Ratio Lower Upper
84 100
49 120.2 89.1 133.7
51 33.8 29.8 44.8
86 78.1 53.4 80.0





#25

2-Butanone

Concen: 3.039 ug/l

RT: 7.191 min Scan# 89

Delta R.T. -0.012 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

Instrument :

MSVOA_D

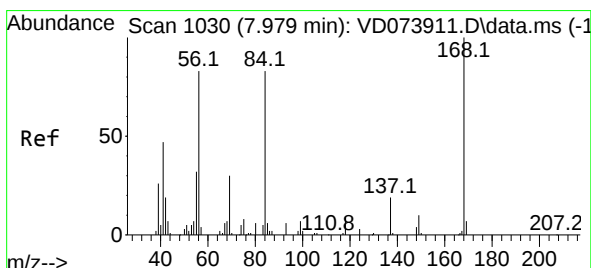
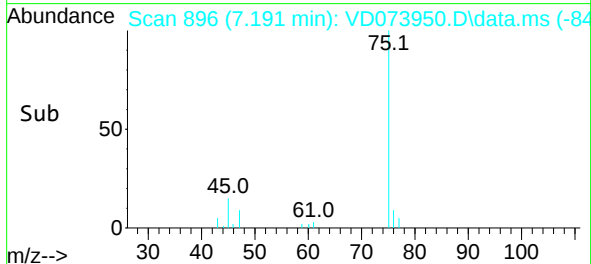
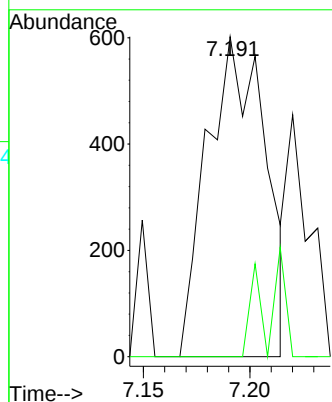
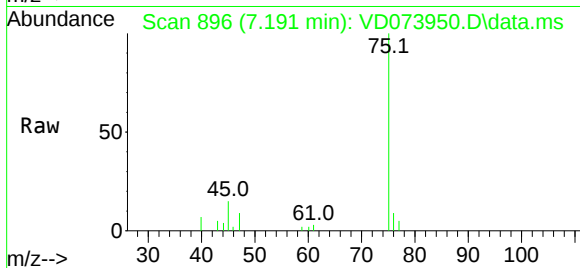
ClientSampleId :

Tgt Ion: 43 Resp: 1144

Ion Ratio Lower Upper

43 100

72 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.697 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.018 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

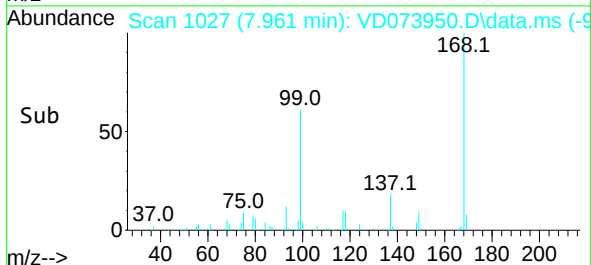
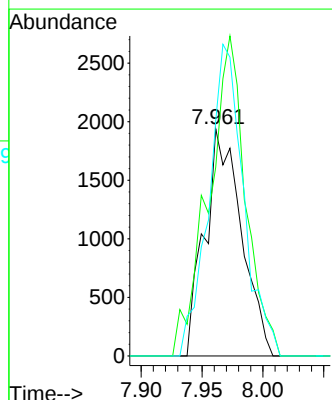
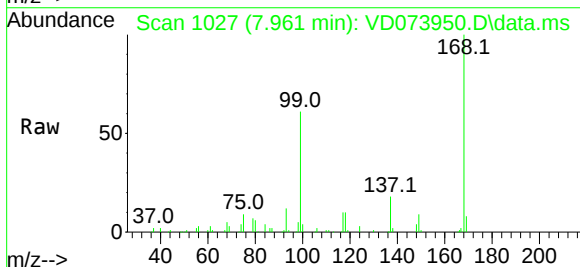
Tgt Ion: 56 Resp: 4053

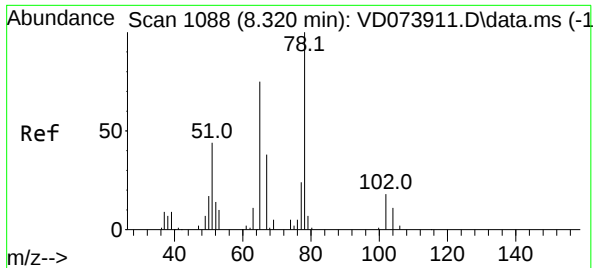
Ion Ratio Lower Upper

56 100

69 83.0 29.2 43.8#

84 103.5 80.0 120.0





#33

1,2-Dichloroethane-d4

Concen: 50.961 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

Instrument :

MSVOA_D

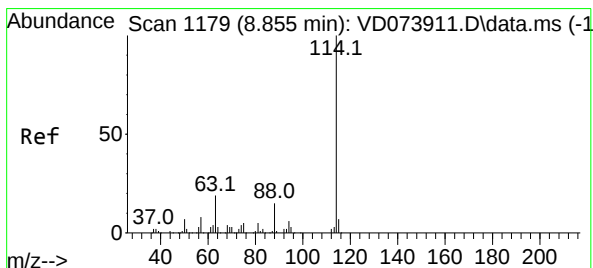
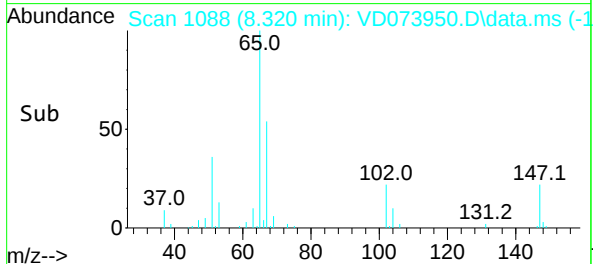
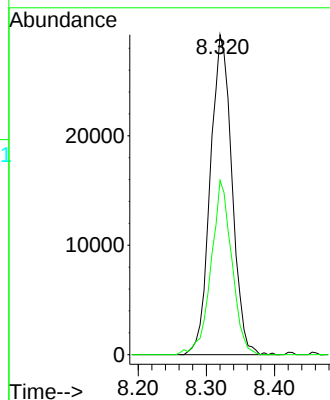
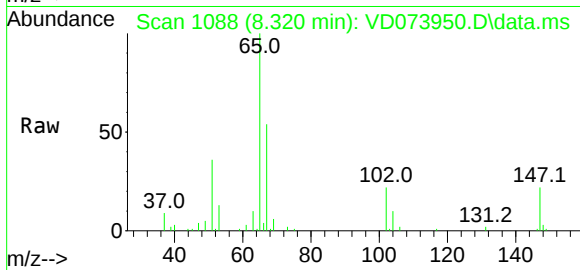
ClientSampleId :

Tgt Ion: 65 Resp: 64560

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

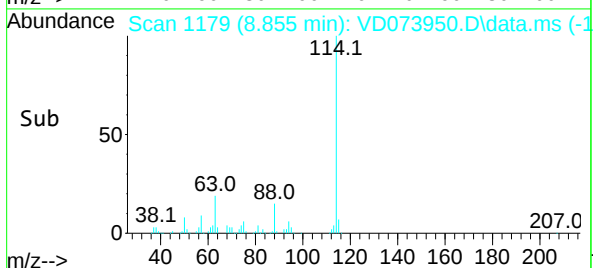
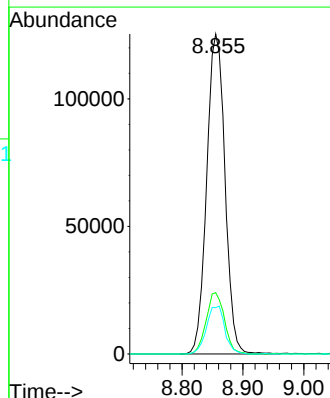
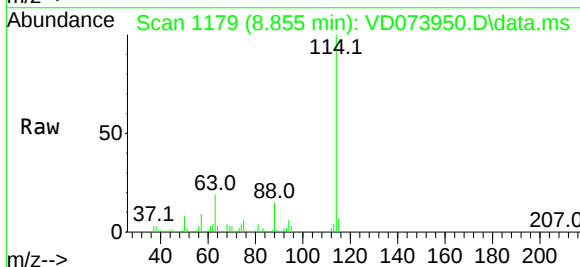
Tgt Ion: 114 Resp: 261606

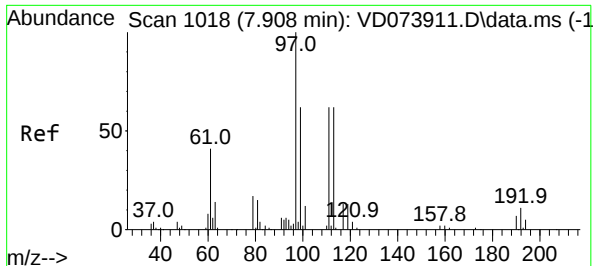
Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.6

88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 44.291 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073950.D

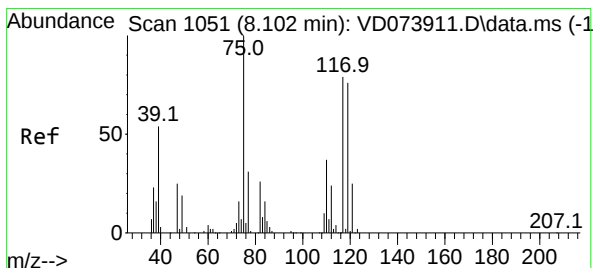
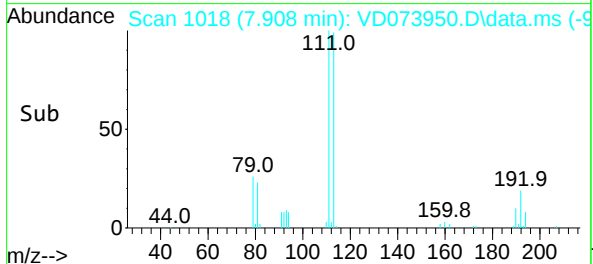
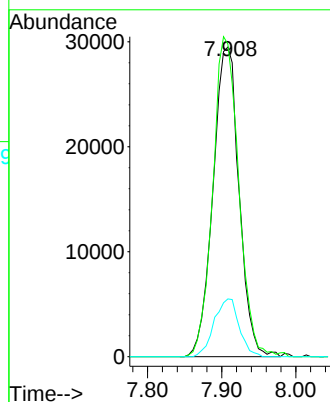
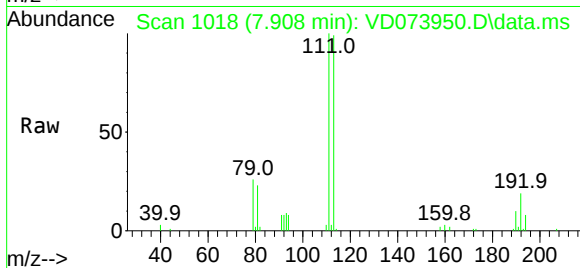
Acq: 04 Aug 2022 13:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	71990
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.7	125.5
192	18.0	15.0	22.6



#36

1,1-Dichloropropene

Concen: 5.620 ug/l

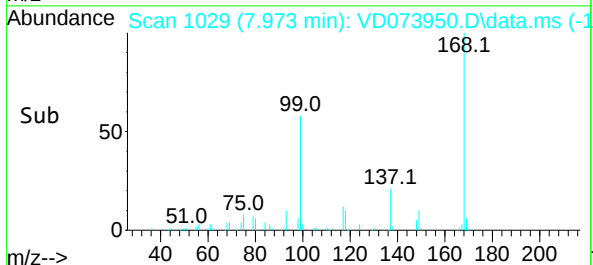
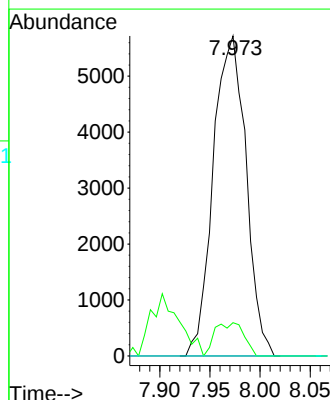
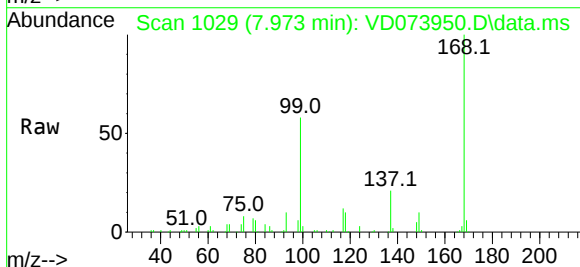
RT: 7.973 min Scan# 1029

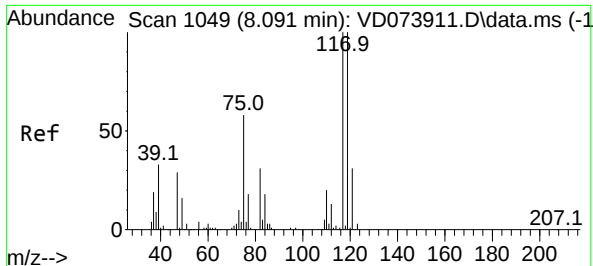
Delta R.T. -0.129 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

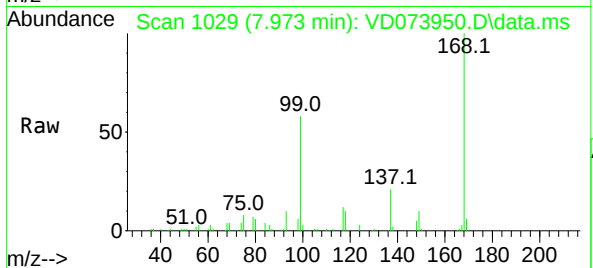
Tgt Ion:	75	Resp:	13011
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	24.7	37.1#



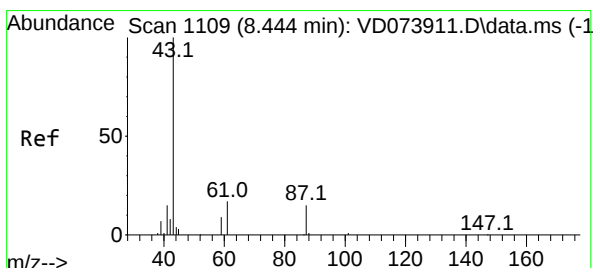
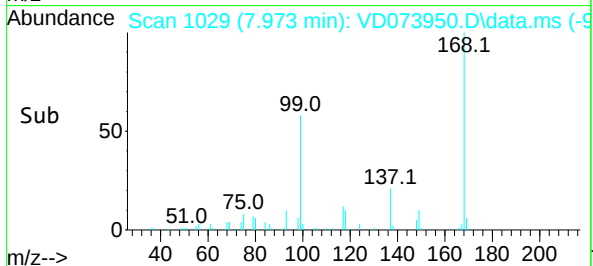
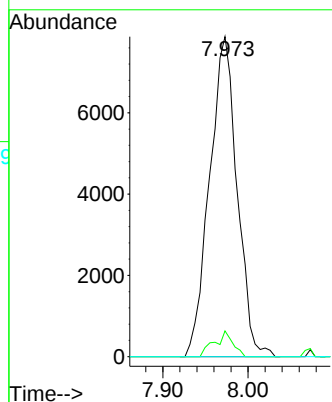


#38
Carbon Tetrachloride
Concen: 6.824 ug/l
RT: 7.973 min Scan# 1081
Delta R.T. -0.118 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :

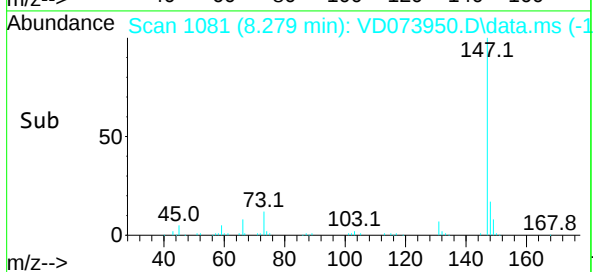
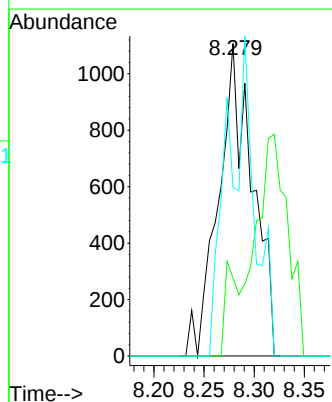
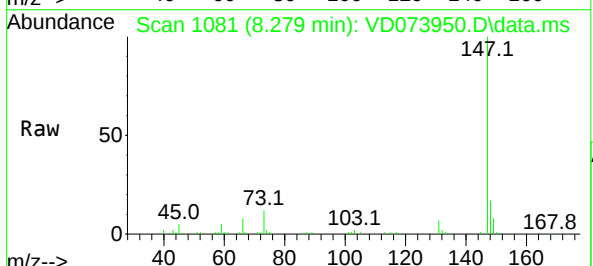


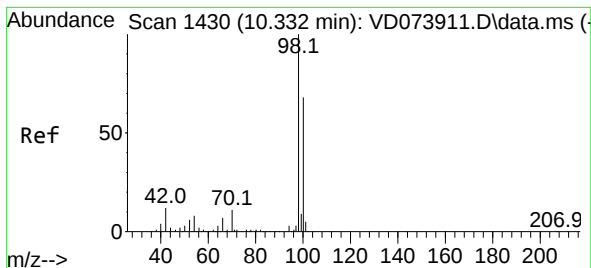
Tgt Ion: 117 Resp: 17697
Ion Ratio Lower Upper
117 100
119 8.0 79.6 119.4#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.529 ug/l
RT: 8.279 min Scan# 1081
Delta R.T. -0.165 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Tgt Ion: 43 Resp: 2610
Ion Ratio Lower Upper
43 100
61 11.2 24.6 37.0#
87 40.7 12.2 18.2#





#50

Toluene-d8

Concen: 38.426 ug/l

RT: 10.326 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

Instrument :

MSVOA_D

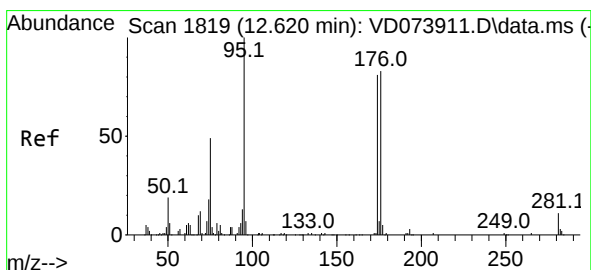
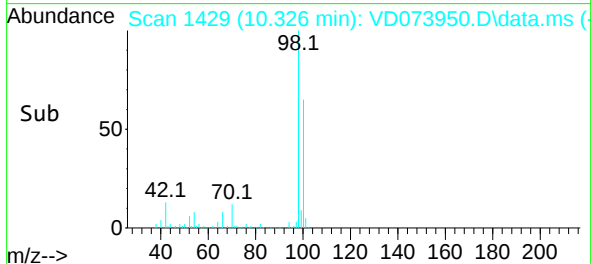
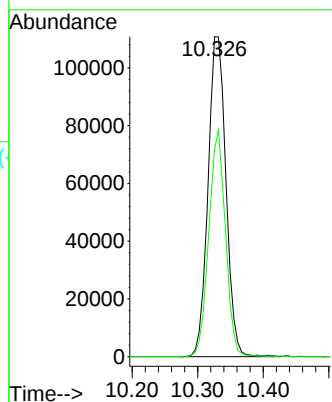
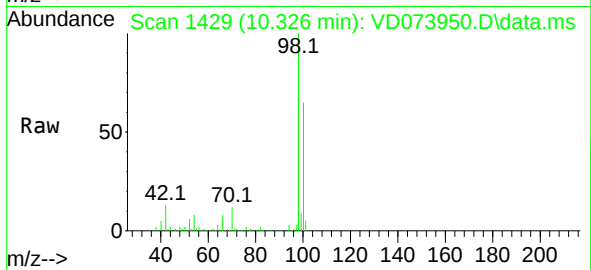
ClientSampleId :

Tgt Ion: 98 Resp: 210387

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 39.036 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD073950.D

Acq: 04 Aug 2022 13:43

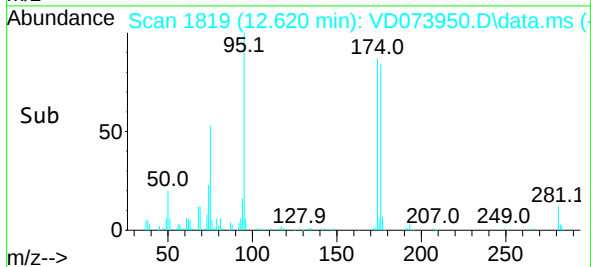
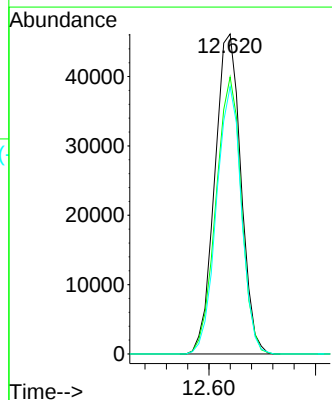
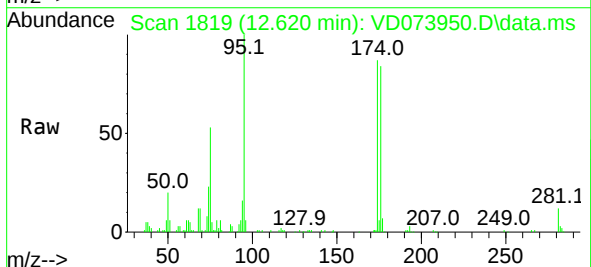
Tgt Ion: 95 Resp: 78597

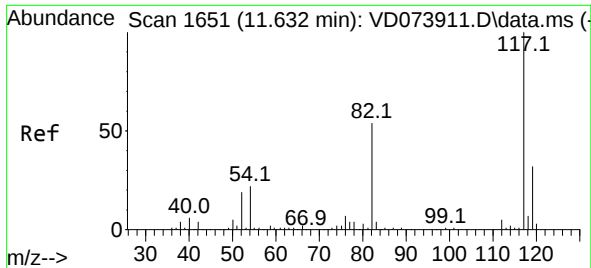
Ion Ratio Lower Upper

95 100

174 83.9 0.0 164.2

176 79.6 0.0 161.4

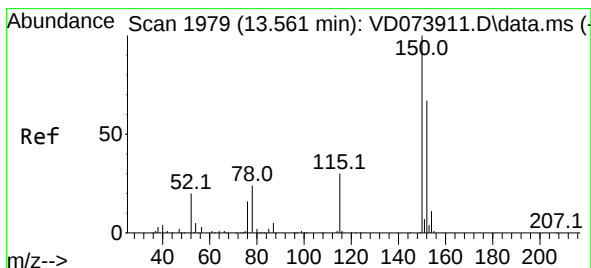
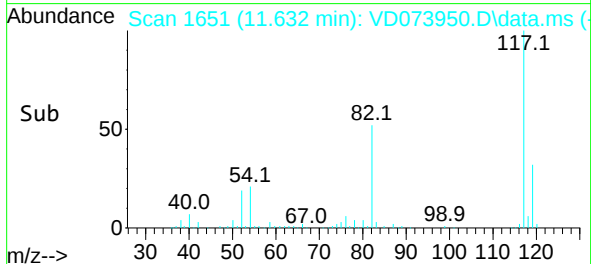
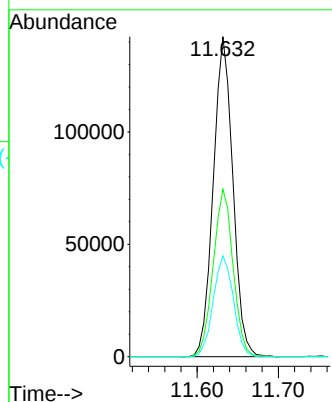
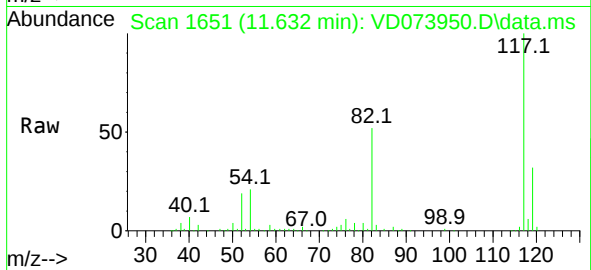




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

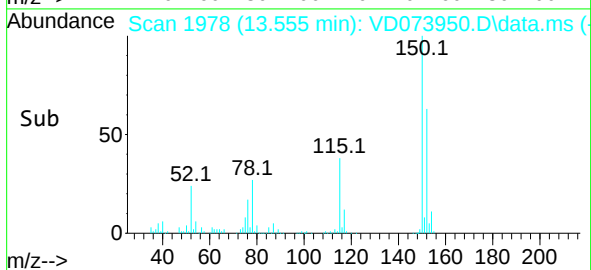
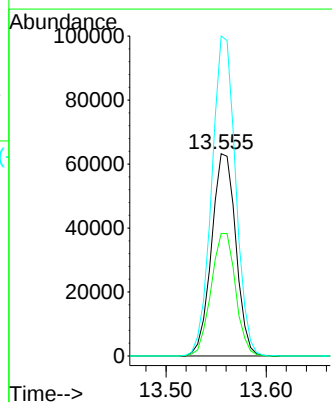
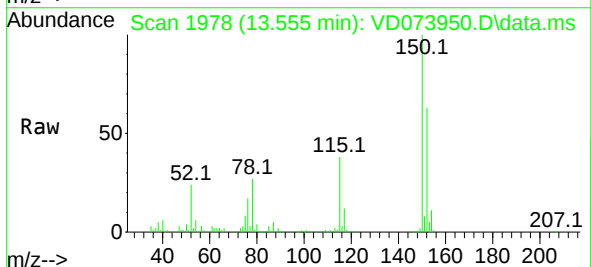
Instrument :
MSVOA_D
ClientSampleId :

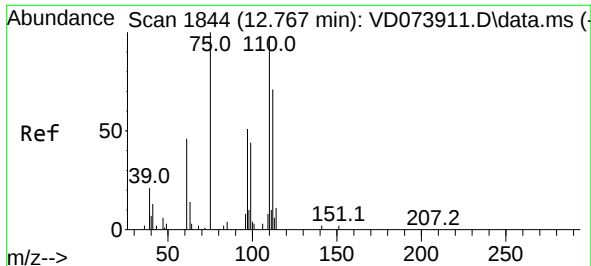
Tgt Ion:117 Resp: 238770
Ion Ratio Lower Upper
117 100
82 52.3 43.3 64.9
119 31.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Tgt Ion:152 Resp: 106388
Ion Ratio Lower Upper
152 100
115 60.9 29.1 87.3
150 155.4 0.0 338.2

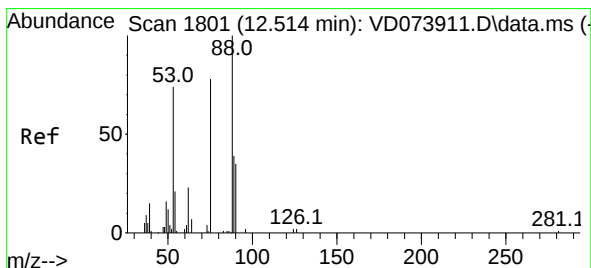
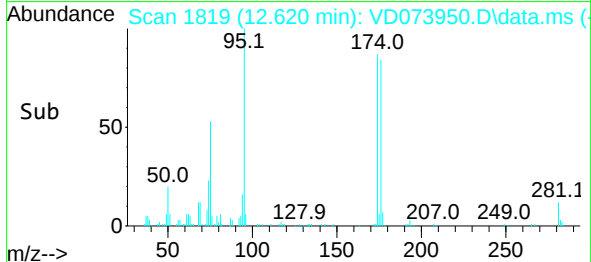
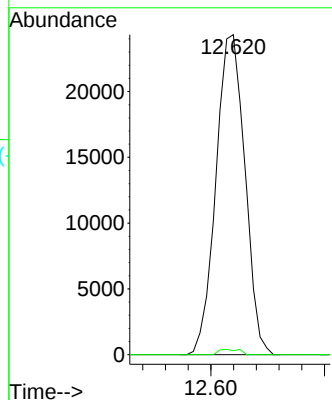
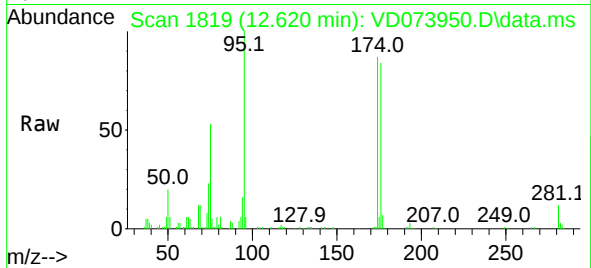




#76
1,2,3-Trichloropropane
Concen: 53.957 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 43048
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.087 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:43

Tgt Ion: 75 Resp: 43048
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.2 39.8 59.6#

