

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073961.D
 Acq On : 04 Aug 2022 19:01
 Operator : VA/SY
 Sample : N3773-18
 Misc : 6.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:54:59 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)

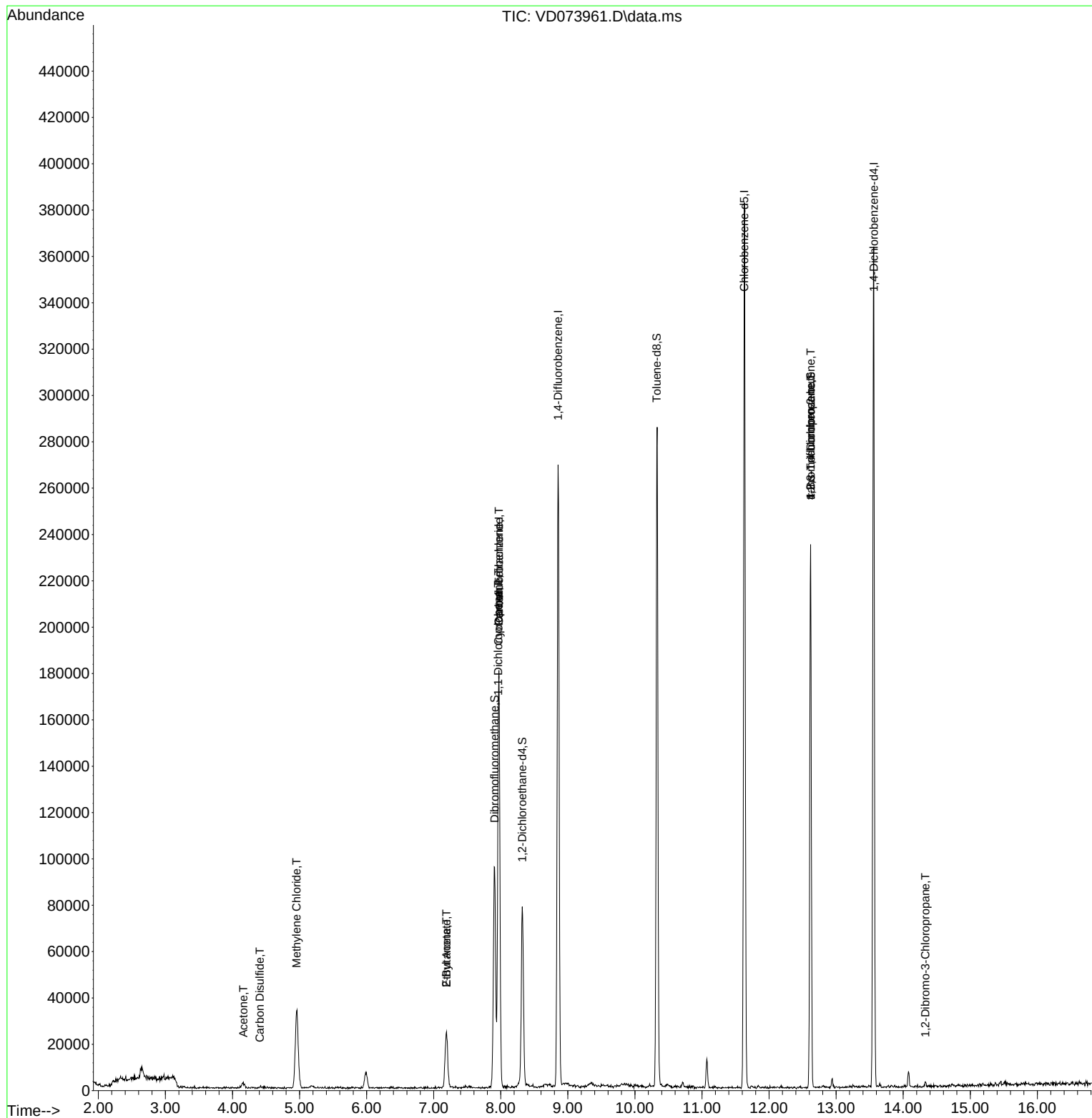
Internal Standards						
1) Pentafluorobenzene	7.973	168	130164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	232671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	212316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	93269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60618	57.276	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.560%
35) Dibromofluoromethane	7.908	113	68133	47.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.260%
50) Toluene-d8	10.326	98	191415	39.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.620%
62) 4-Bromofluorobenzene	12.620	95	70442	39.337	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	78.680%
Target Compounds						
2) Dichlorodifluoromethane	2.003	85	295	Below Cal	#	43
11) Tert butyl alcohol	5.214	59	412	Below Cal	#	75
16) Acetone	4.162	43	4393	25.216	ug/l	91
17) Carbon Disulfide	4.409	76	80	1.790	ug/l #	75
18) Methyl Acetate	4.544	43	81	Below Cal	#	48
20) Methylene Chloride	4.956	84	25259	5.712	ug/l	88
25) 2-Butanone	7.191	43	1888	5.943	ug/l #	46
31) Cyclohexane	7.967	56	3649	1.810	ug/l #	59
36) 1,1-Dichloropropene	7.961	75	10983	5.334	ug/l #	49
37) Ethyl Acetate	7.191	43	1888	2.462	ug/l #	25
38) Carbon Tetrachloride	7.973	117	15138	6.563	ug/l #	14
76) 1,2,3-Trichloropropane	12.620	75	38340	54.861	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	38340	117.934	ug/l #	13
92) 1,2-Dibromo-3-Chloropr...	14.332	75	230	1.233	ug/l #	1

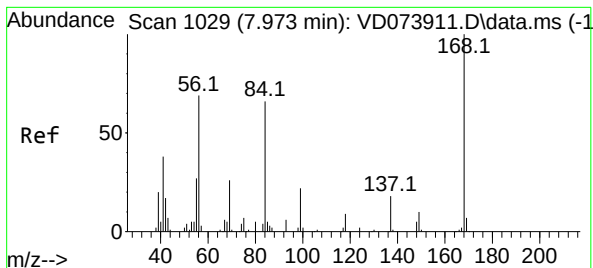
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
Data File : VD073961.D
Acq On : 04 Aug 2022 19:01
Operator : VA/SY
Sample : N3773-18
Misc : 6.45G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Aug 05 07:54:59 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

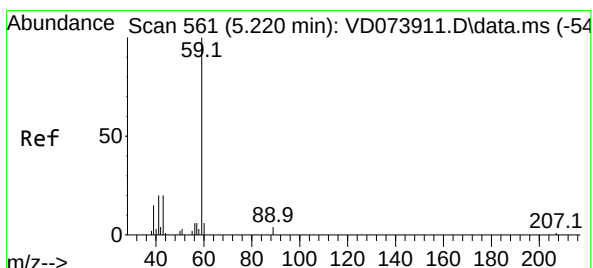
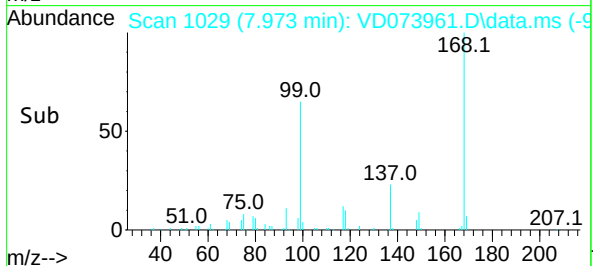
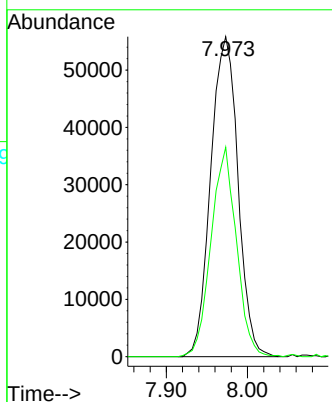
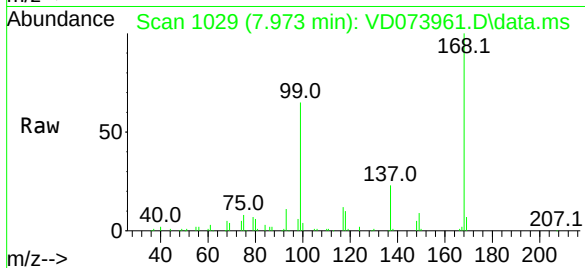




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

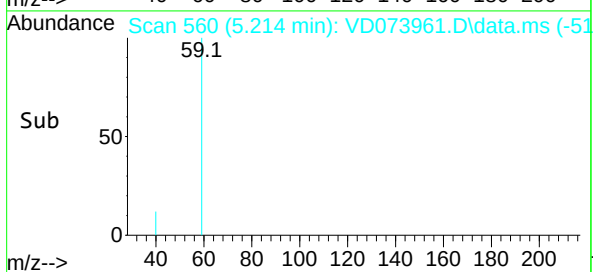
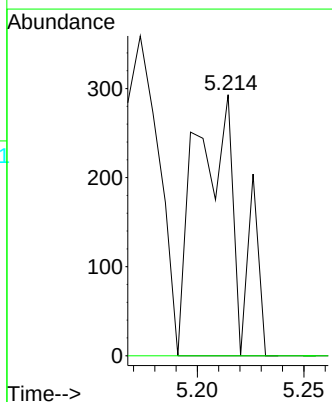
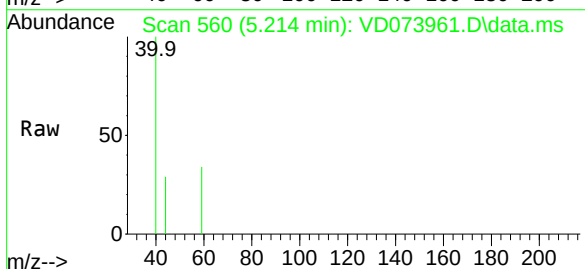
Instrument :
MSVOA_D
ClientSampleId :

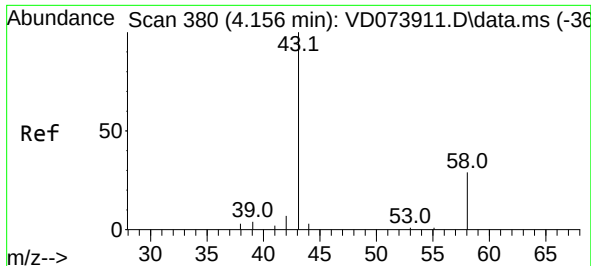
Tgt Ion:168 Resp: 130164
Ion Ratio Lower Upper
168 100
99 65.4 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

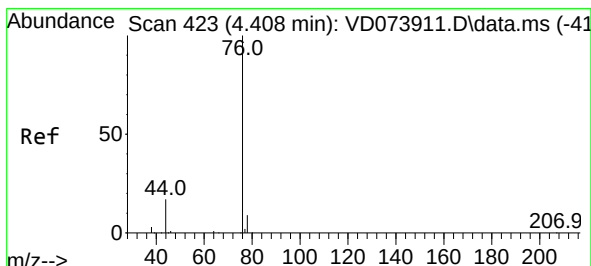
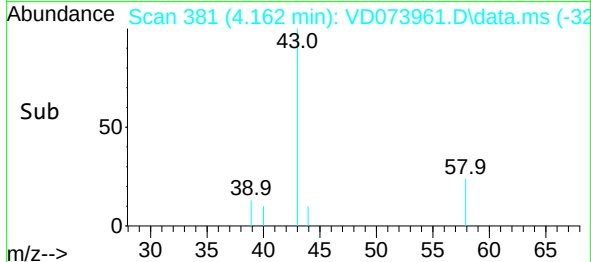
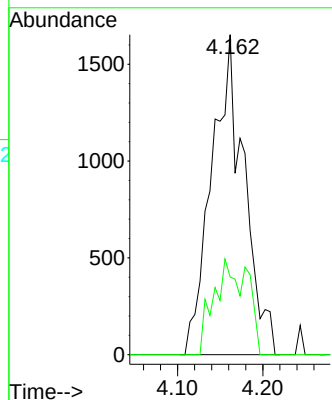
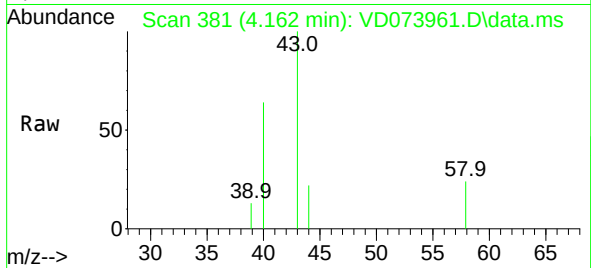




#16
Acetone
Concen: 25.216 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

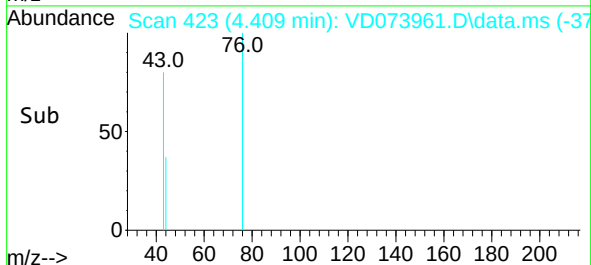
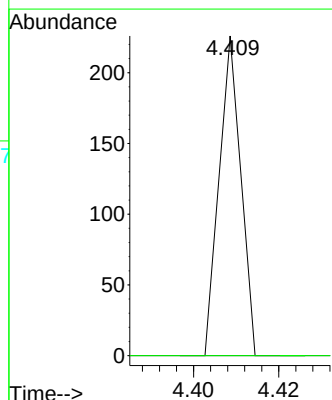
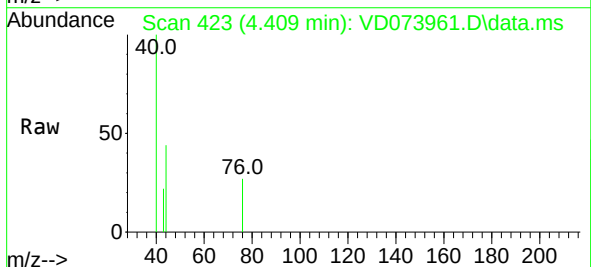
Instrument :
MSVOA_D
ClientSampleId :

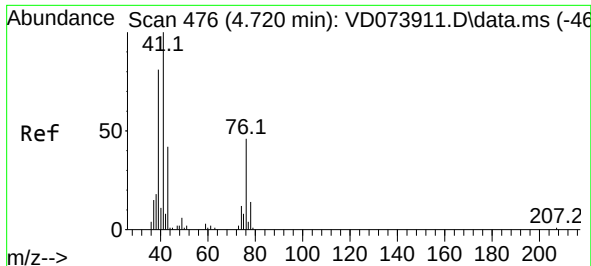
Tgt Ion: 43 Resp: 4393
Ion Ratio Lower Upper
43 100
58 24.3 23.0 34.6



#17
Carbon Disulfide
Concen: 1.790 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.001 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

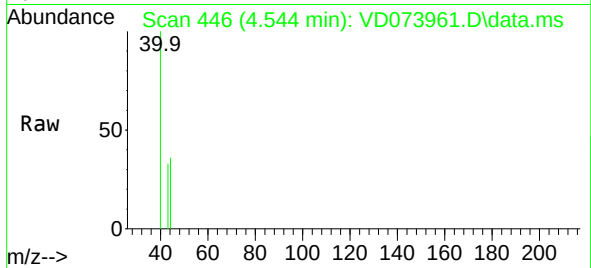
Tgt Ion: 76 Resp: 80
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



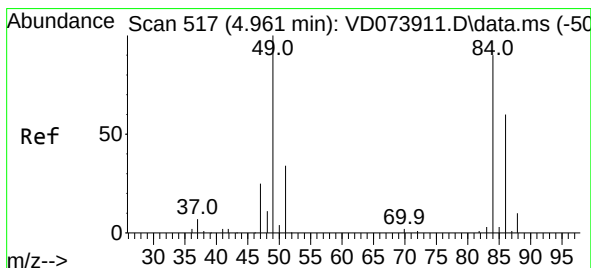
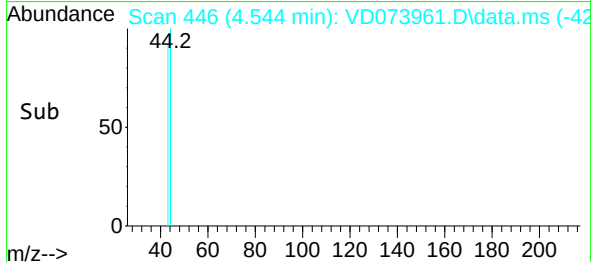
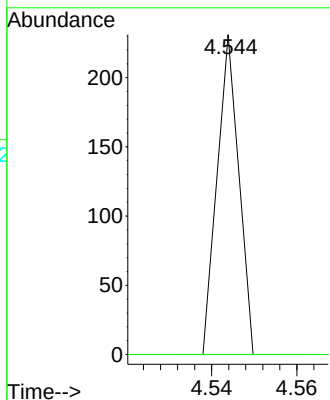


#18
Methyl Acetate
Concen: Below Cal
RT: 4.544 min Scan# 446
Delta R.T. -0.176 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :

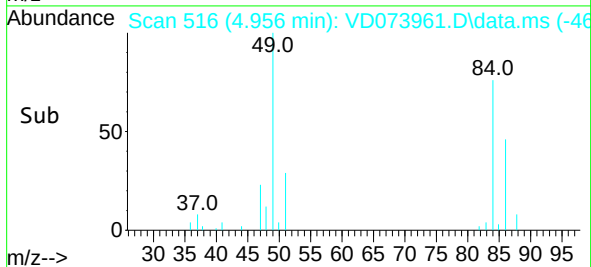
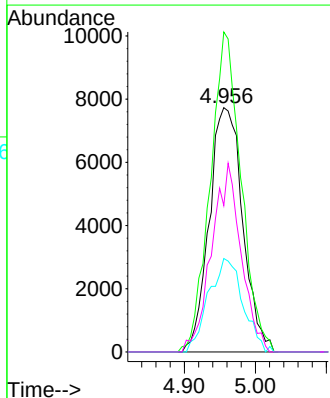
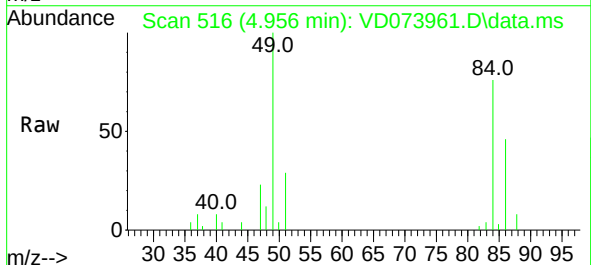


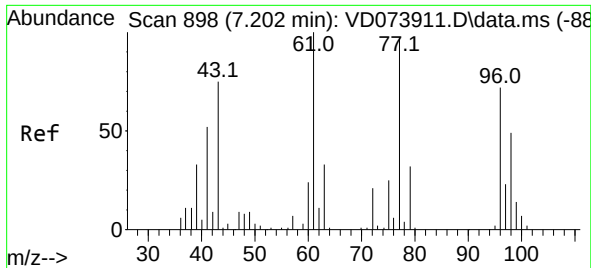
Tgt Ion: 43 Resp: 81
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 5.712 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 84 Resp: 25259
Ion Ratio Lower Upper
84 100
49 131.0 89.1 133.7
51 38.2 29.8 44.8
86 59.9 53.4 80.0





#25

2-Butanone

Concen: 5.943 ug/l

RT: 7.191 min Scan# 89

Delta R.T. -0.012 min

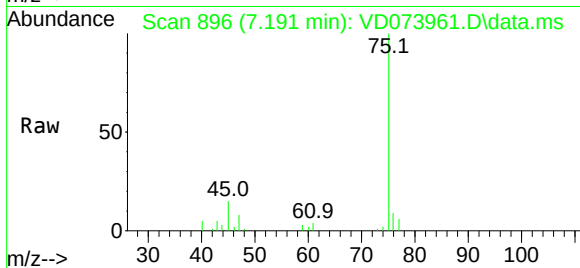
Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

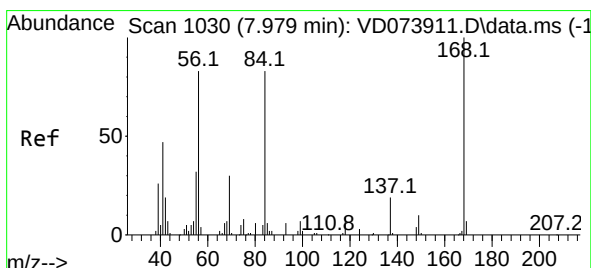
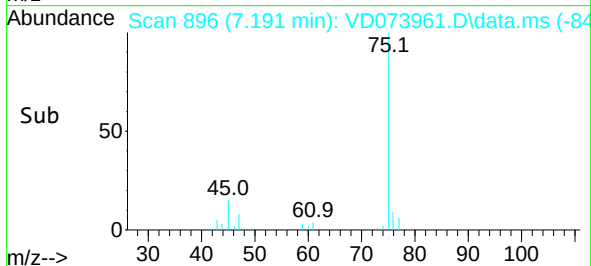
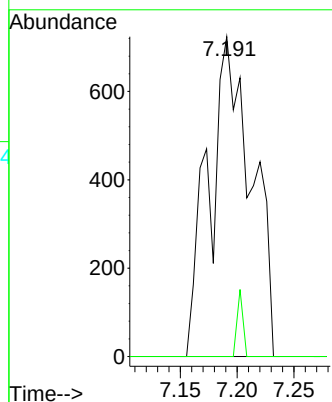


Tgt Ion: 43 Resp: 1888

Ion Ratio Lower Upper

43 100

72 0.0 22.7 34.1#



#31

Cyclohexane

Concen: 1.810 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

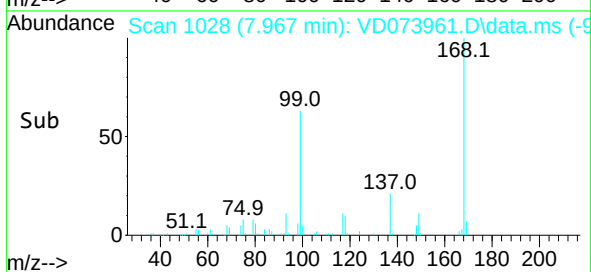
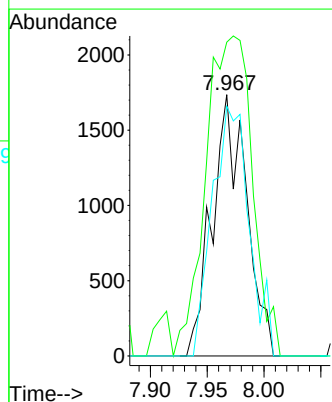
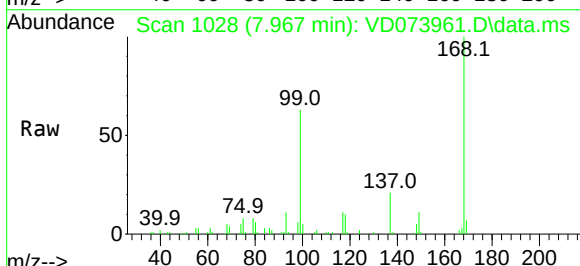
Tgt Ion: 56 Resp: 3649

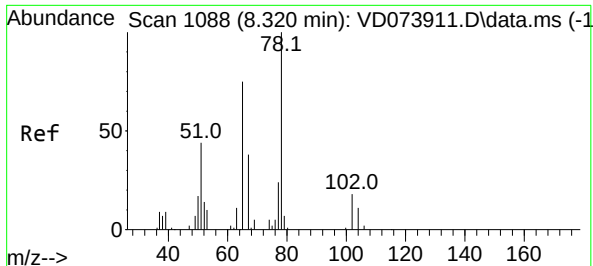
Ion Ratio Lower Upper

56 100

69 120.1 29.2 43.8#

84 95.5 80.0 120.0





#33

1,2-Dichloroethane-d4

Concen: 57.276 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

Instrument :

MSVOA_D

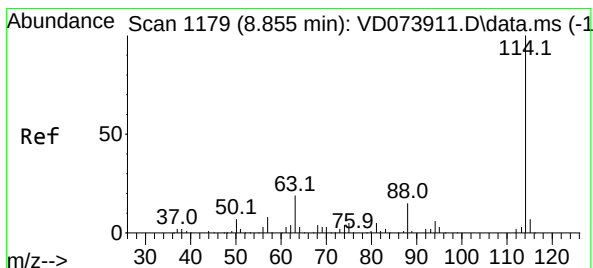
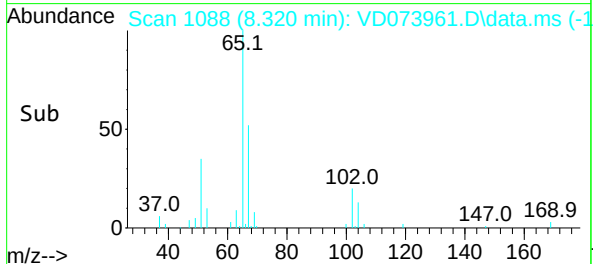
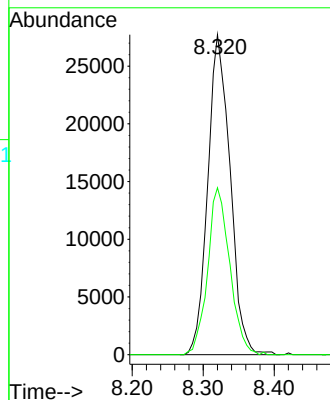
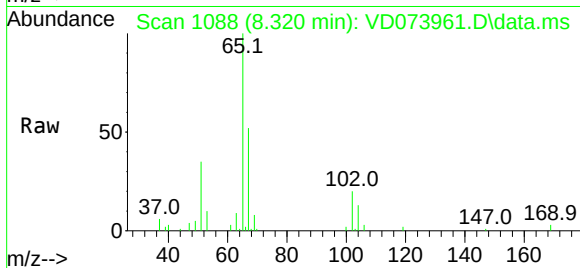
ClientSampleId :

Tgt Ion: 65 Resp: 60618

Ion Ratio Lower Upper

65 100

67 51.7 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: VD073961.D

Acq: 04 Aug 2022 19:01

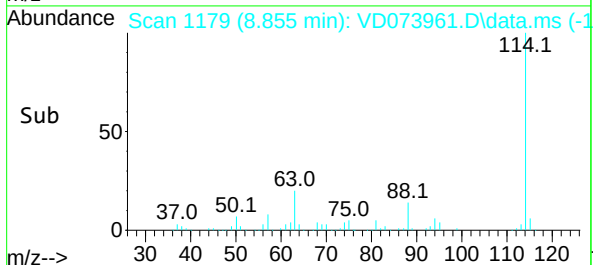
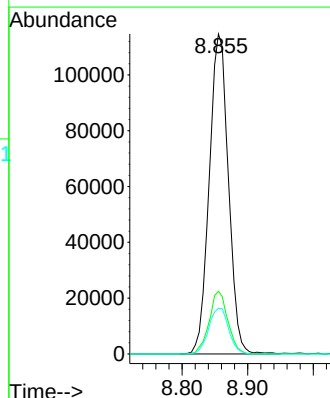
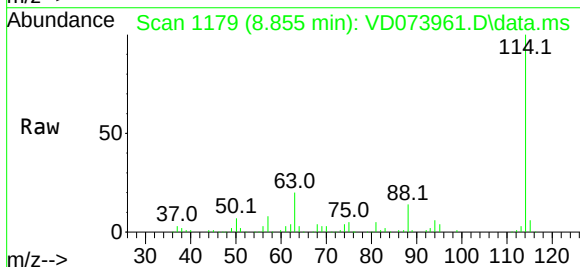
Tgt Ion: 114 Resp: 232671

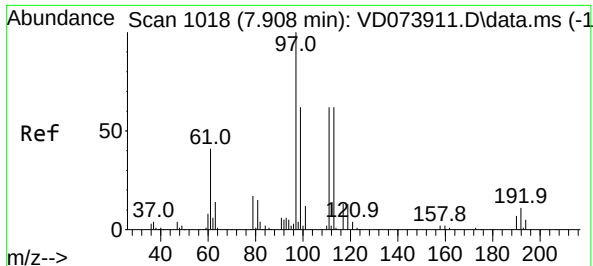
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.6

88 14.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 47.131 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073961.D

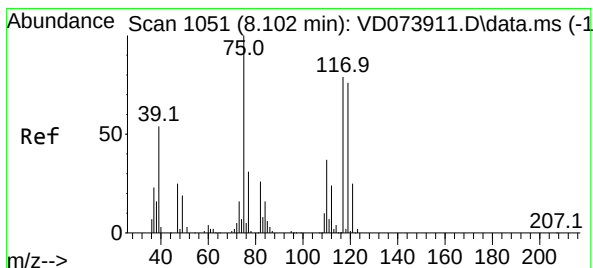
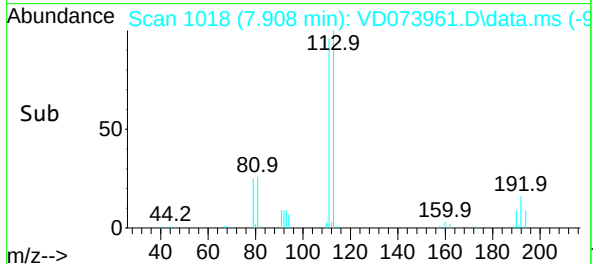
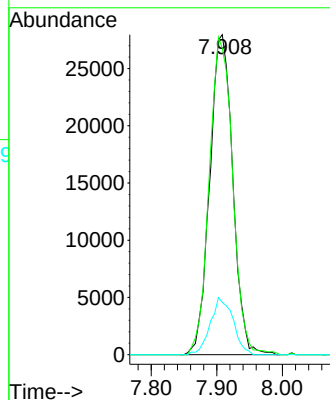
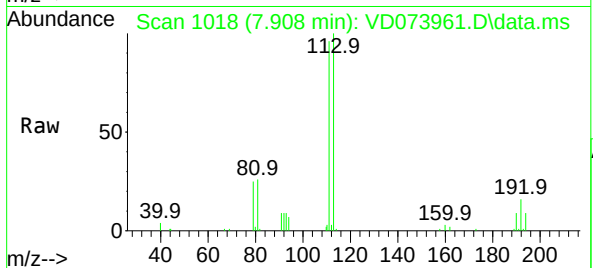
Acq: 04 Aug 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	68133
Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.7	125.5
192	17.6	15.0	22.6



#36

1,1-Dichloropropene

Concen: 5.334 ug/l

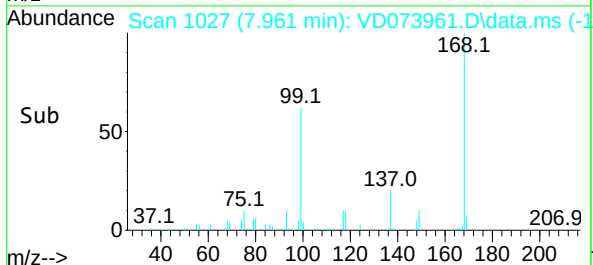
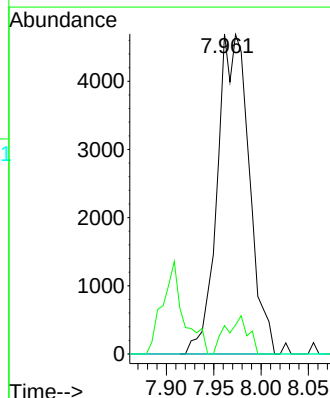
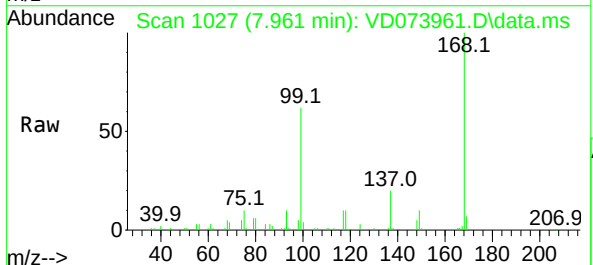
RT: 7.961 min Scan# 1027

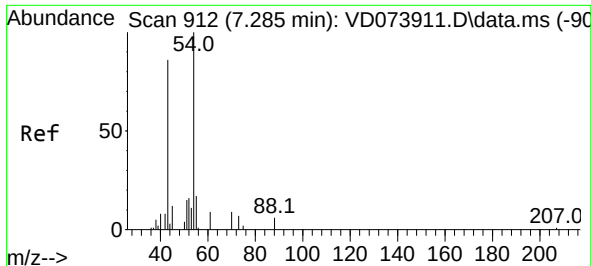
Delta R.T. -0.141 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

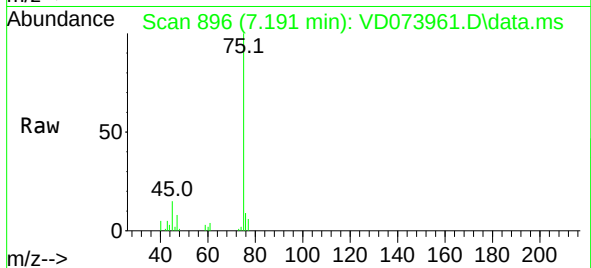
Tgt Ion:	75	Resp:	10983
Ion	Ratio	Lower	Upper
75	100		
110	8.2	18.1	54.1#
77	0.0	24.7	37.1#



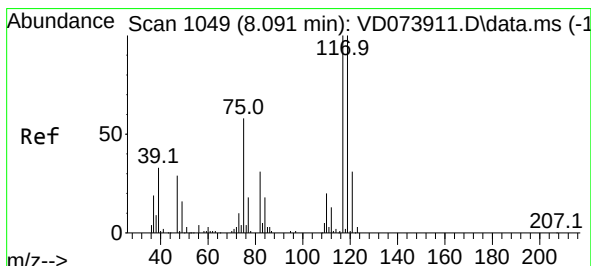
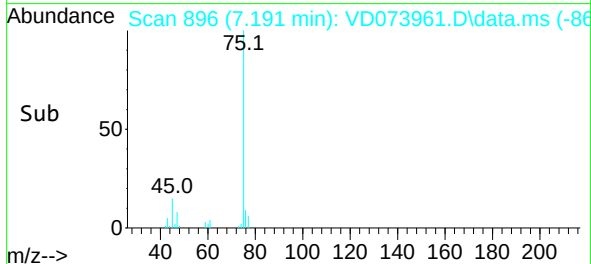
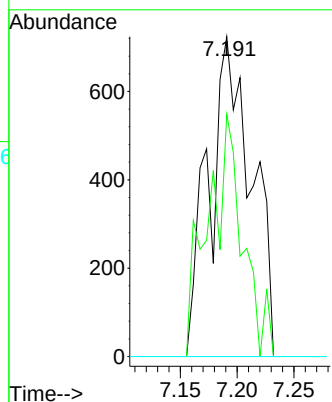


#37
Ethyl Acetate
Concen: 2.462 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.094 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Instrument :
MSVOA_D
ClientSampleId :

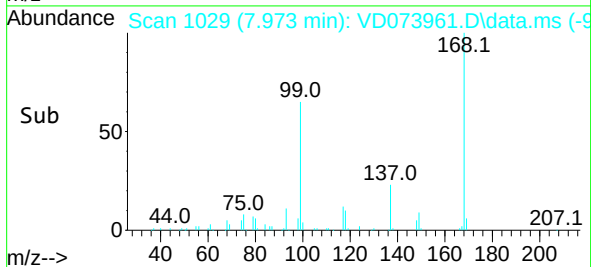
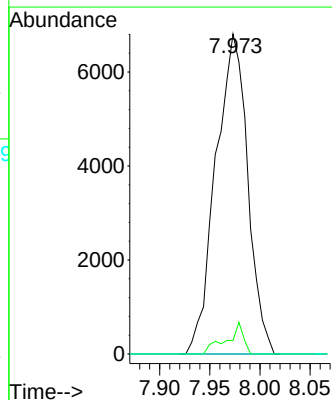
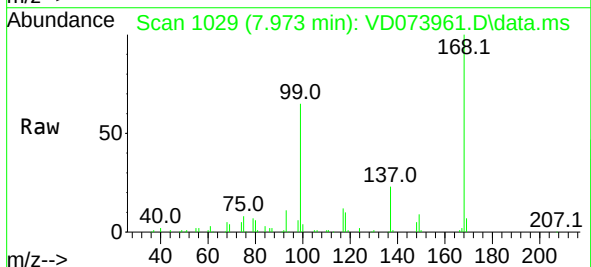


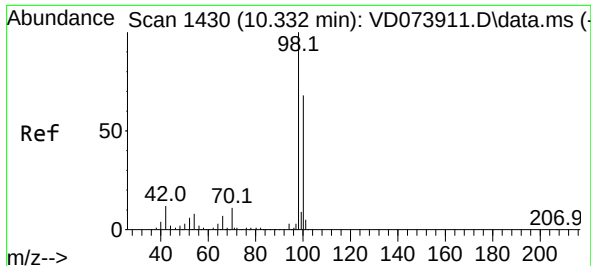
Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
61 61.8 12.7 19.1#
70 0.0 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.563 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 117 Resp: 15138
Ion Ratio Lower Upper
117 100
119 4.2 79.6 119.4#
121 0.0 24.4 36.6#

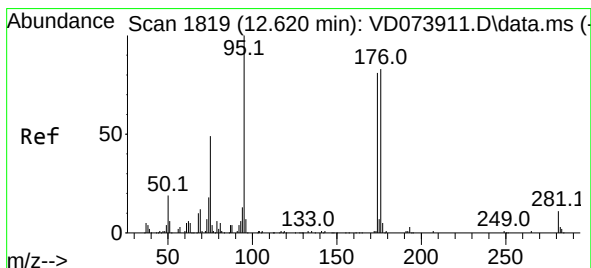
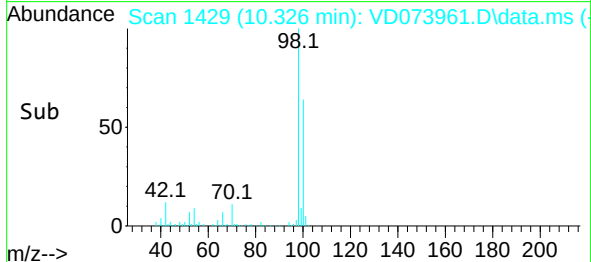
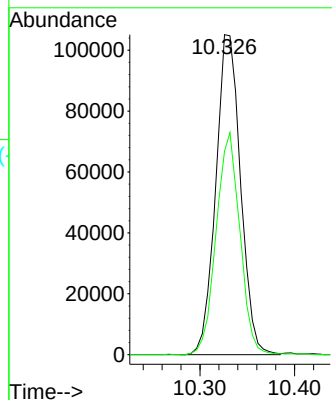
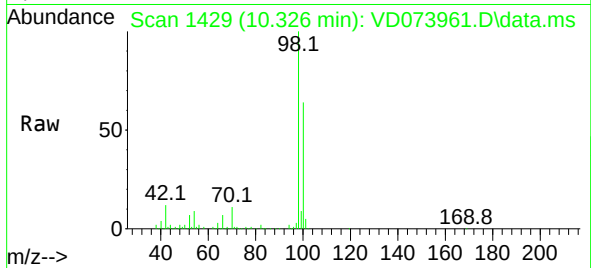




#50
Toluene-d8
Concen: 39.309 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

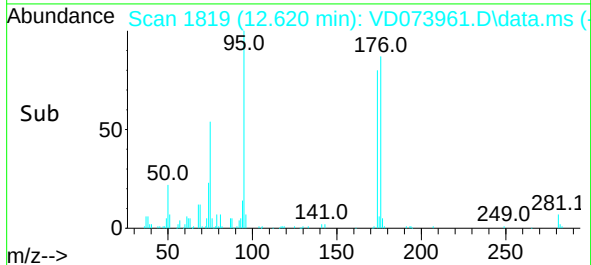
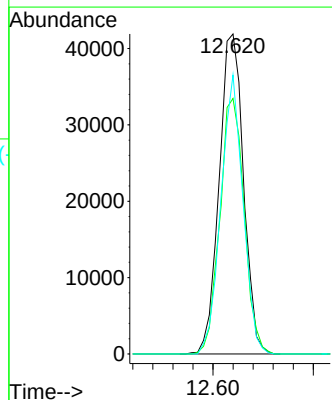
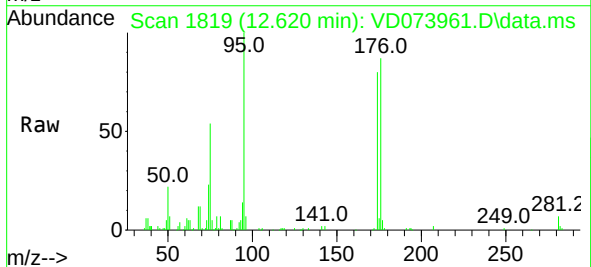
Instrument :
MSVOA_D
ClientSampleId :

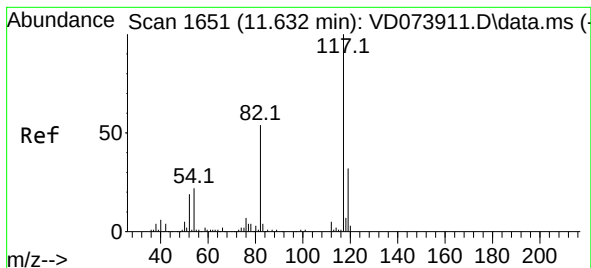
Tgt Ion: 98 Resp: 191415
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 39.337 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

Tgt Ion: 95 Resp: 70442
Ion Ratio Lower Upper
95 100
174 79.9 0.0 164.2
176 79.1 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

Instrument :

MSVOA_D

ClientSampleId :

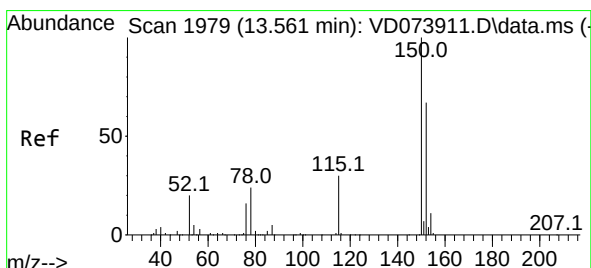
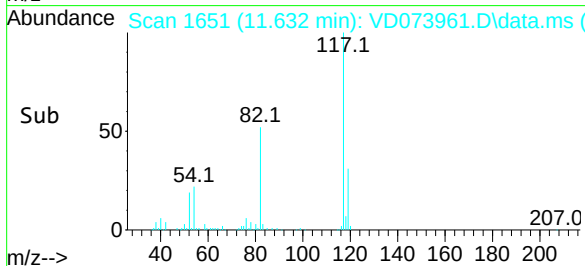
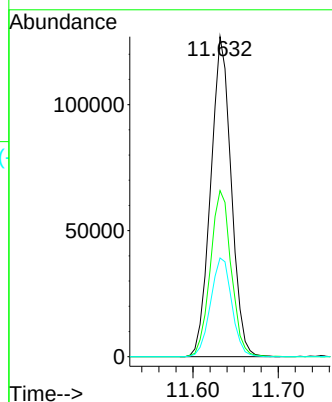
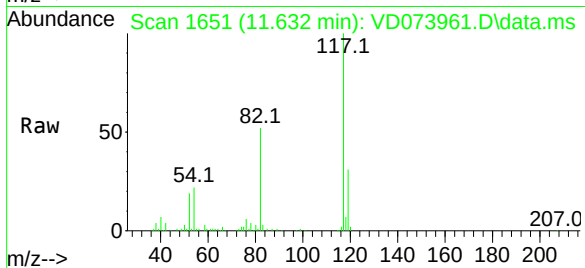
Tgt Ion:117 Resp: 212316

Ion Ratio Lower Upper

117 100

82 51.9 43.3 64.9

119 30.9 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073961.D

Acq: 04 Aug 2022 19:01

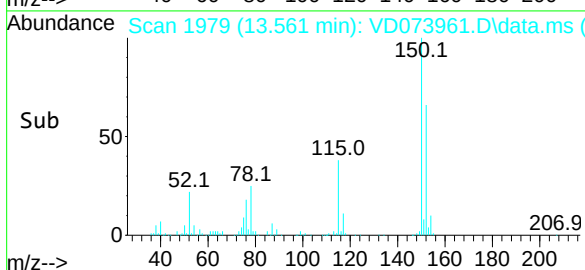
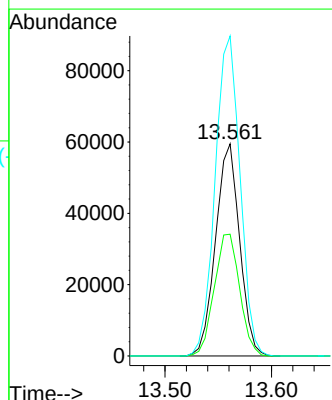
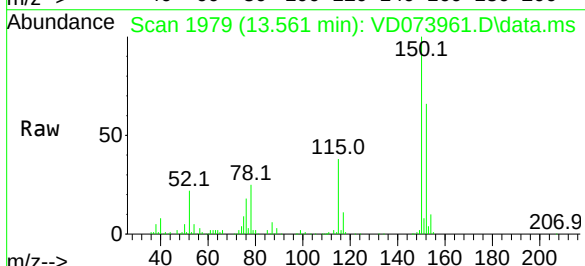
Tgt Ion:152 Resp: 93269

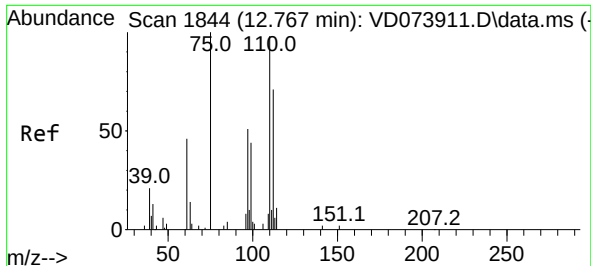
Ion Ratio Lower Upper

152 100

115 60.5 29.1 87.3

150 156.0 0.0 338.2

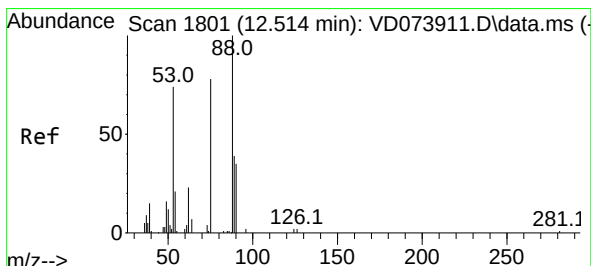
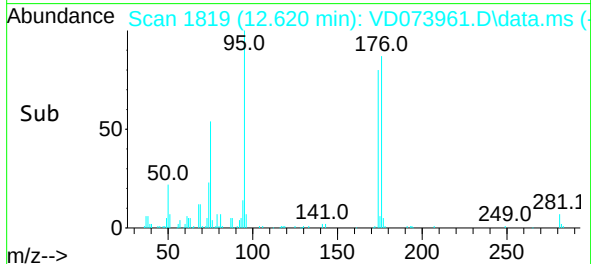
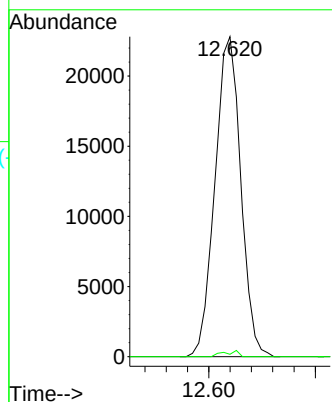
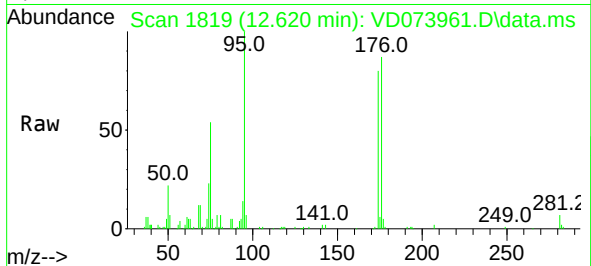




#76
1,2,3-Trichloropropane
Concen: 54.861 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

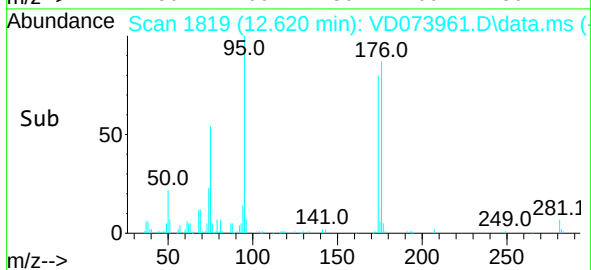
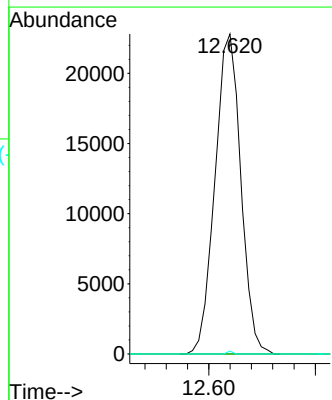
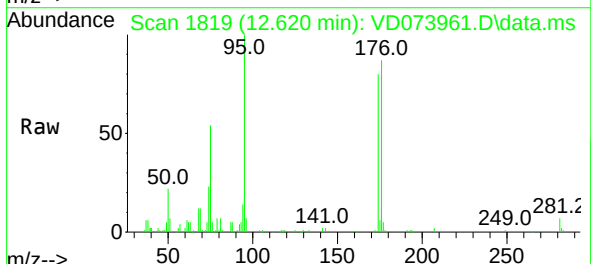
Instrument :
MSVOA_D
ClientSampleId :

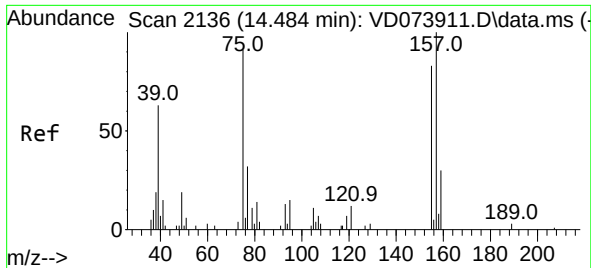
Tgt Ion: 75 Resp: 38340
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 117.934 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073961.D
Acq: 04 Aug 2022 19:01

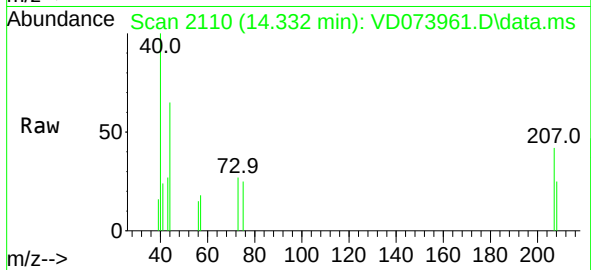
Tgt Ion: 75 Resp: 38340
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.2 39.8 59.6#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.233 ug/l
 RT: 14.332 min Scan# 21
 Delta R.T. -0.153 min
 Lab File: VD073961.D
 Acq: 04 Aug 2022 19:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 230
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.5 139.5#
 157 0.0 56.5 169.5#

