

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073066.D
 Acq On : 17 May 2022 19:35
 Operator : VA/SY
 Sample : N2847-01
 Misc : 5.08 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 05:10:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

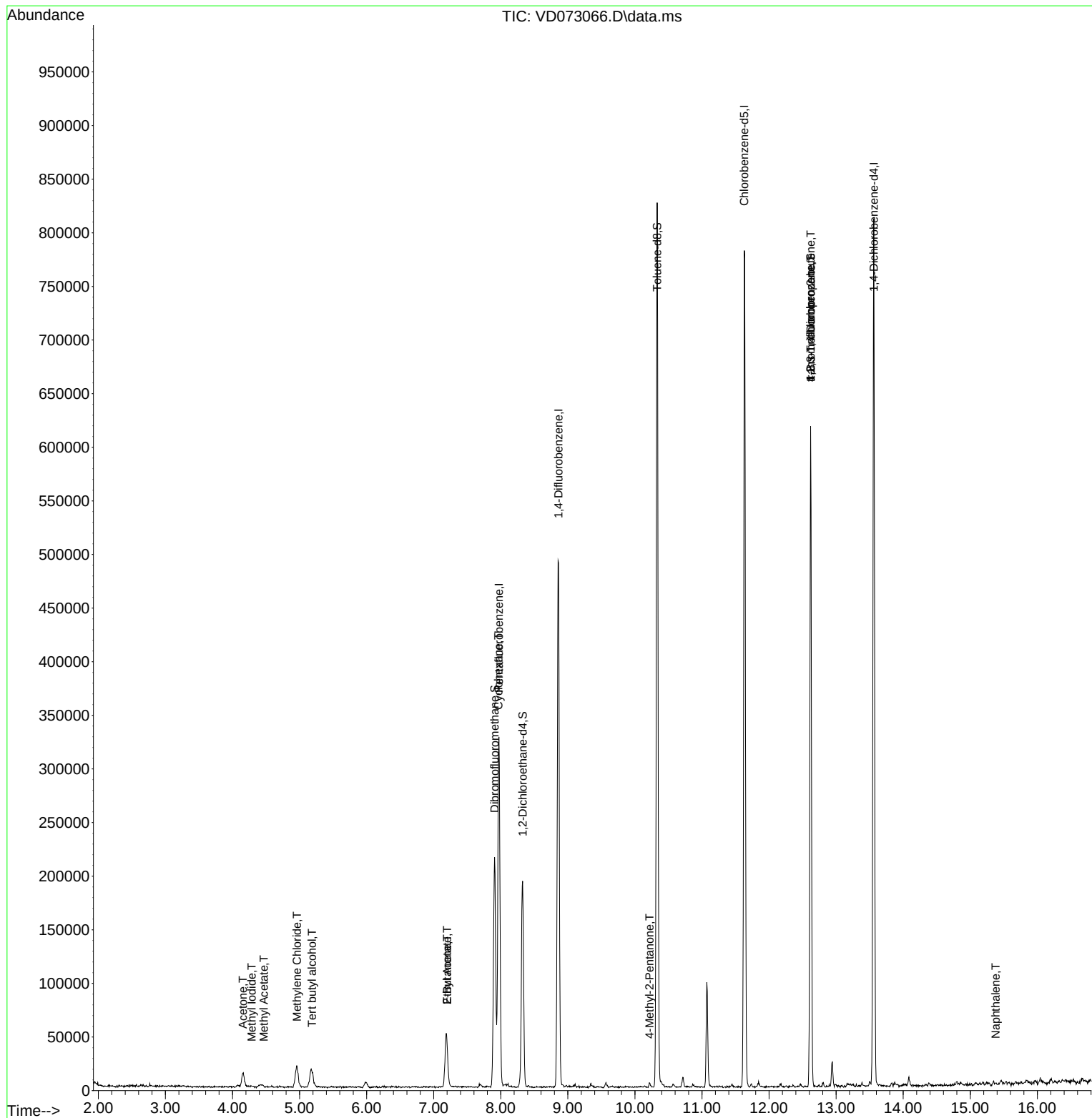
Internal Standards						
1) Pentafluorobenzene	7.973	168	237040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	434118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	453888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	212614	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153123	51.655	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.300%	
35) Dibromofluoromethane	7.908	113	151364	49.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.320%	
50) Toluene-d8	10.332	98	544992	49.287	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.580%	
62) 4-Bromofluorobenzene	12.620	95	197313	49.267	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.540%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	1434	4.650	ug/l #	59
11) Tert butyl alcohol	5.185	59	15983	34.858	ug/l #	75
16) Acetone	4.156	43	24157	45.032	ug/l	97
18) Methyl Acetate	4.467	43	158	1.554	ug/l #	55
20) Methylene Chloride	4.962	84	14342	3.684	ug/l #	82
25) 2-Butanone	7.203	43	3463	4.263	ug/l #	52
31) Cyclohexane	7.967	56	6373	1.194	ug/l #	21
37) Ethyl Acetate	7.203	43	3463	1.660	ug/l #	1
51) 4-Methyl-2-Pentanone	10.220	43	2582	1.276	ug/l	92
76) 1,2,3-Trichloropropane	12.620	75	99699	41.481	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	99699	99.463	ug/l #	7
95) Naphthalene	15.379	128	654	4.332	ug/l #	70

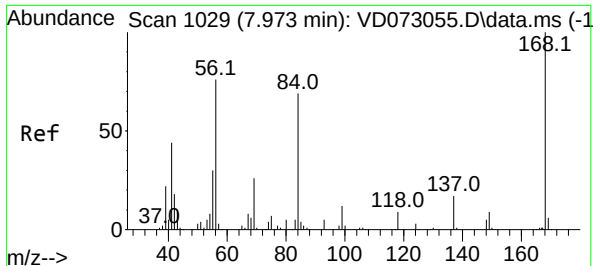
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
Data File : VD073066.D
Acq On : 17 May 2022 19:35
Operator : VA/SY
Sample : N2847-01
Misc : 5.08 G/5.00ml/MSVOA_D/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 18 05:10:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

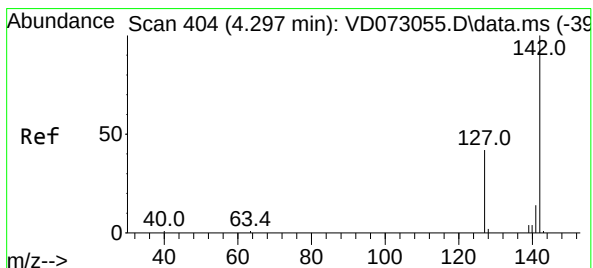
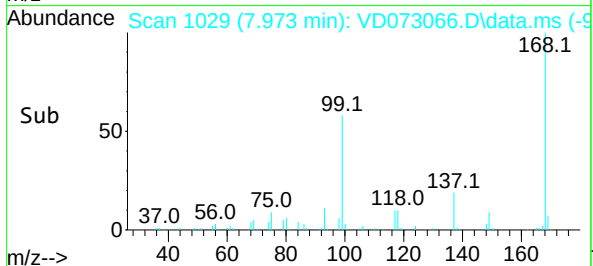
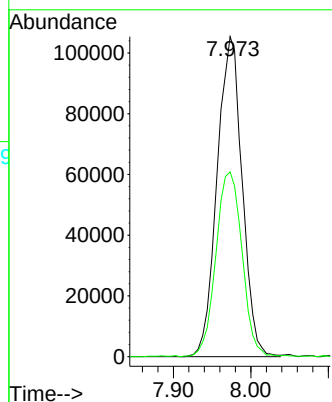
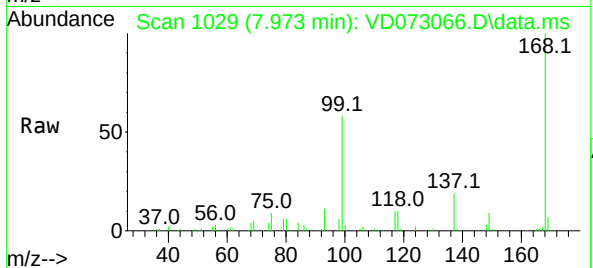




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

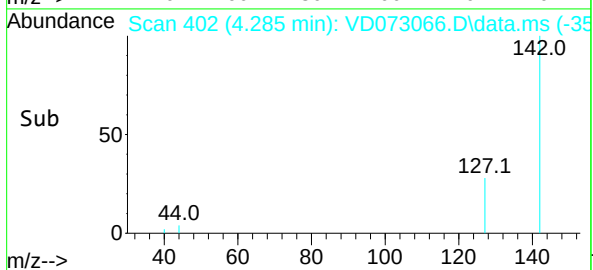
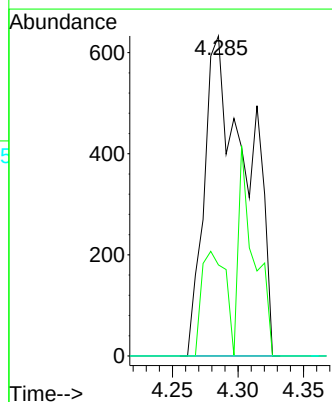
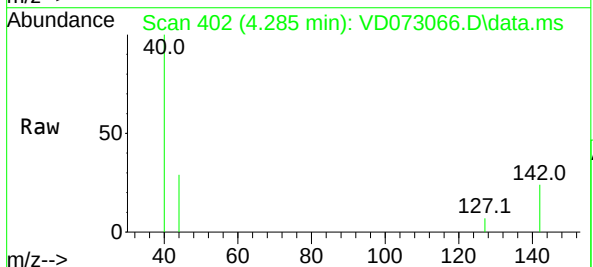
Instrument :
MSVOA_D
ClientSampleId :

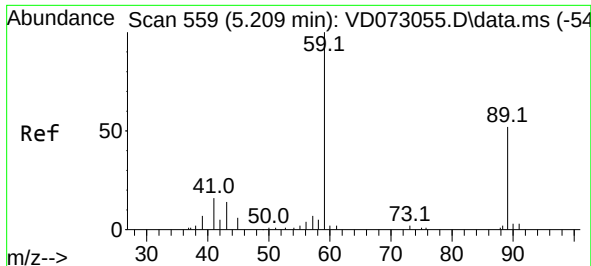
Tgt Ion:168 Resp: 237040
Ion Ratio Lower Upper
168 100
99 57.7 49.8 74.6



#10
Methyl Iodide
Concen: 4.650 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion:142 Resp: 1434
Ion Ratio Lower Upper
142 100
127 18.3 37.3 55.9#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 34.858 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

Instrument :

MSVOA_D

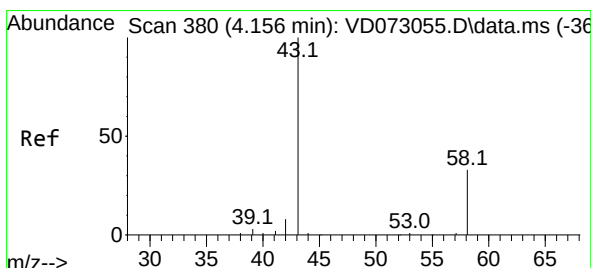
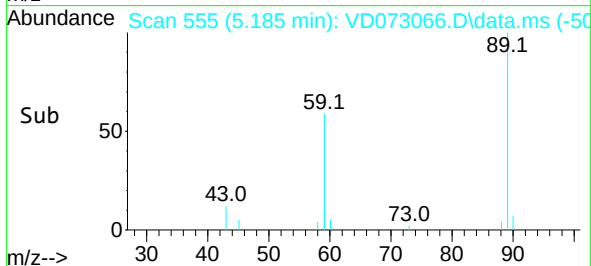
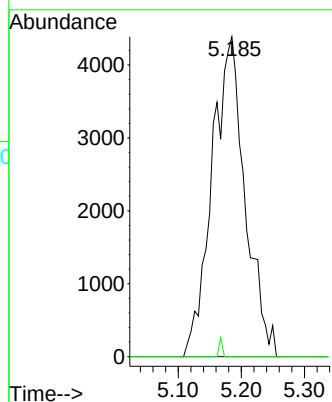
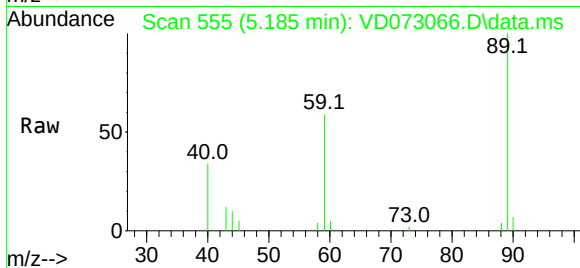
ClientSampleId :

Tgt Ion: 59 Resp: 15983

Ion Ratio Lower Upper

59 100

57 0.6 7.8 11.6#



#16

Acetone

Concen: 45.032 ug/l

RT: 4.156 min Scan# 380

Delta R.T. 0.000 min

Lab File: VD073066.D

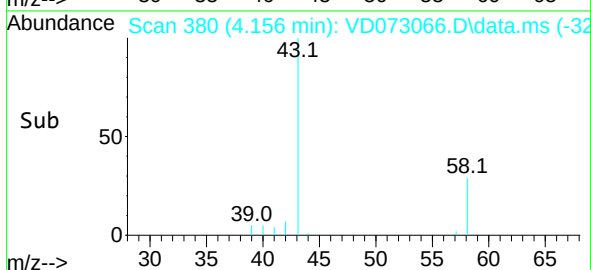
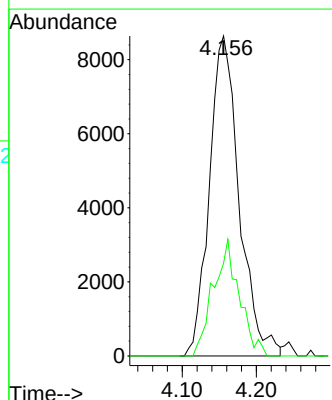
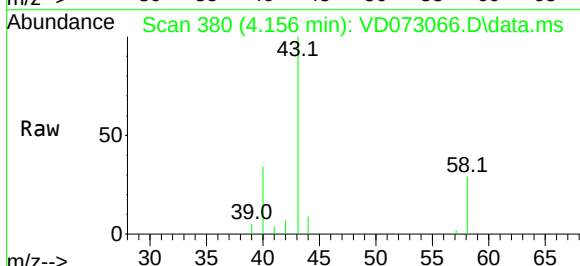
Acq: 17 May 2022 19:35

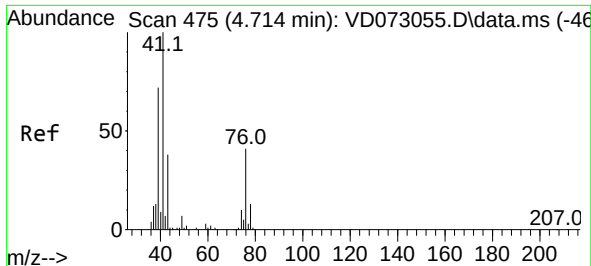
Tgt Ion: 43 Resp: 24157

Ion Ratio Lower Upper

43 100

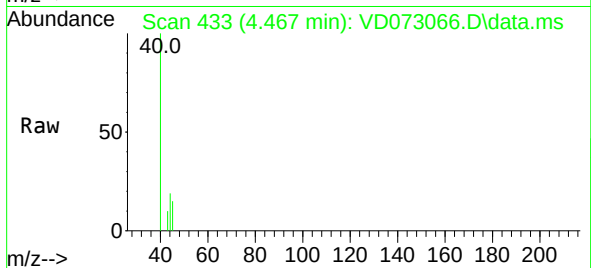
58 28.9 22.1 33.1



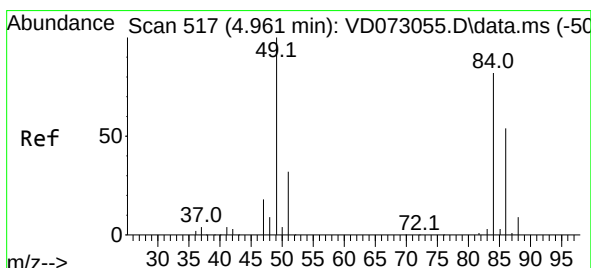
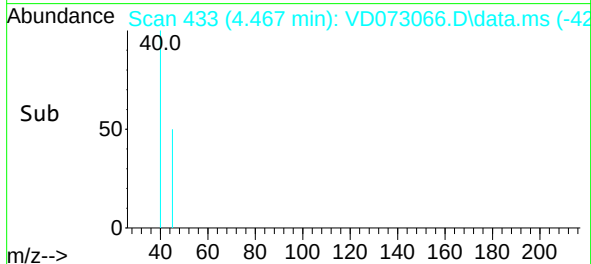
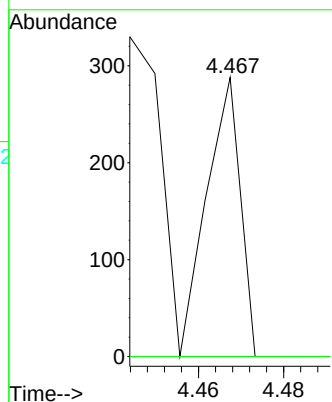


#18
Methyl Acetate
Concen: 1.554 ug/l
RT: 4.467 min Scan# 41
Delta R.T. -0.247 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :

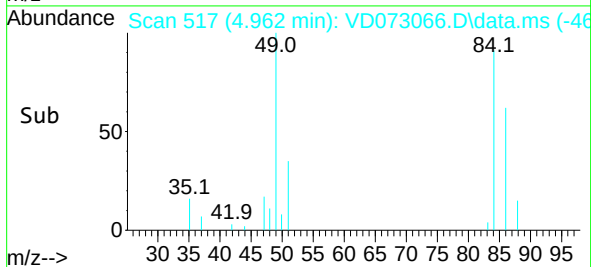
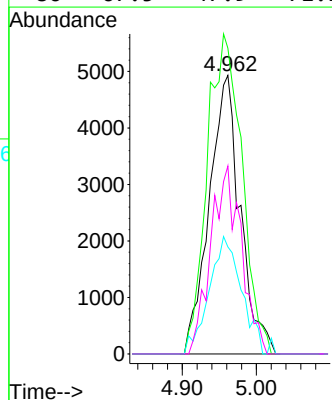
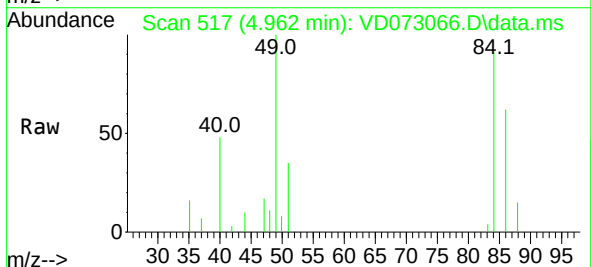


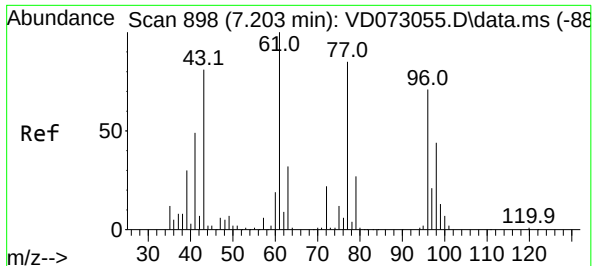
Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 3.684 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion: 84 Resp: 14342
Ion Ratio Lower Upper
84 100
49 109.8 112.8 169.2#
51 38.4 32.6 48.8
86 67.5 47.9 71.9





#25

2-Butanone

Concen: 4.263 ug/l

RT: 7.203 min Scan# 89

Delta R.T. 0.000 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

Instrument :

MSVOA_D

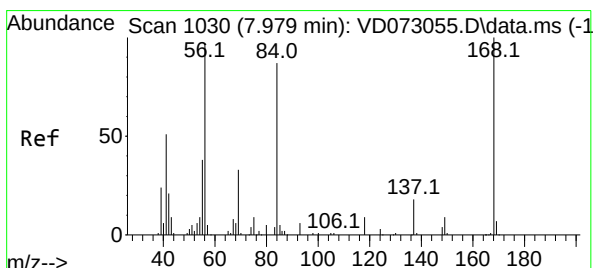
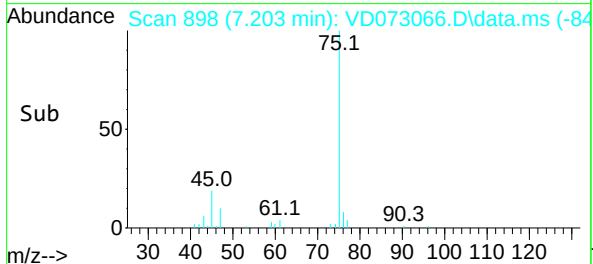
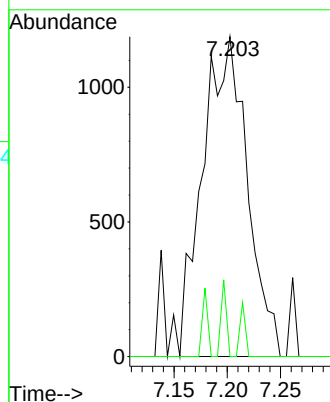
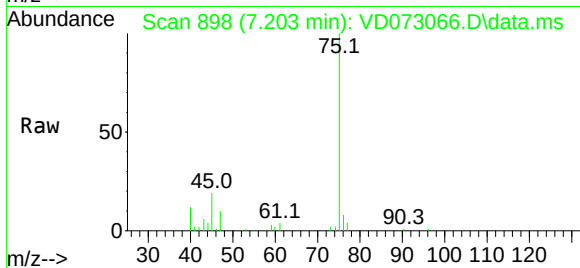
ClientSampleId :

Tgt Ion: 43 Resp: 3463

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.194 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

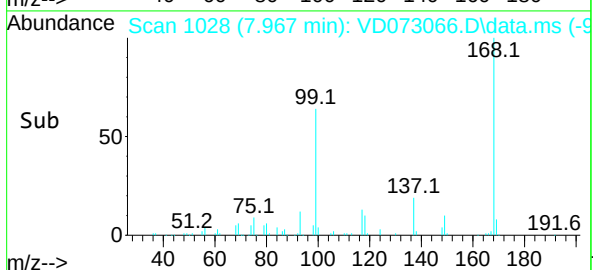
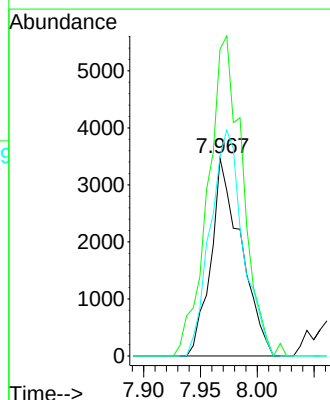
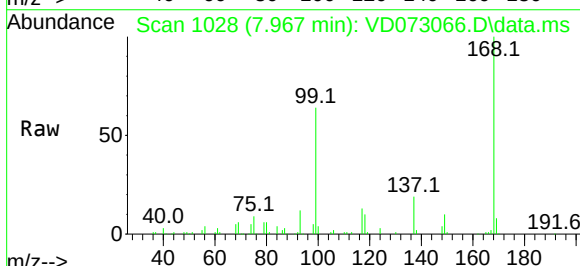
Tgt Ion: 56 Resp: 6373

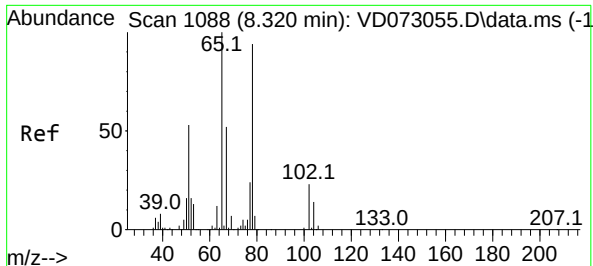
Ion Ratio Lower Upper

56 100

69 150.1 25.4 38.2#

84 100.9 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 51.655 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

Instrument :

MSVOA_D

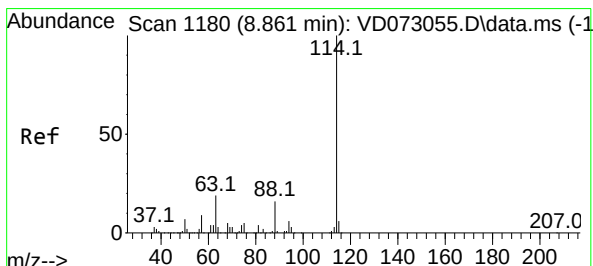
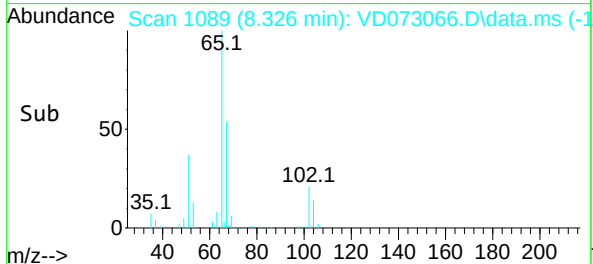
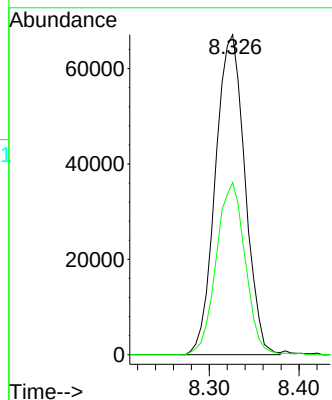
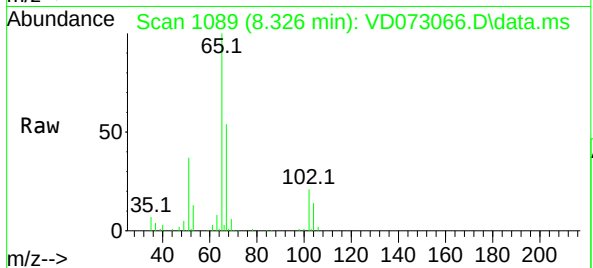
ClientSampleId :

Tgt Ion: 65 Resp: 153123

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

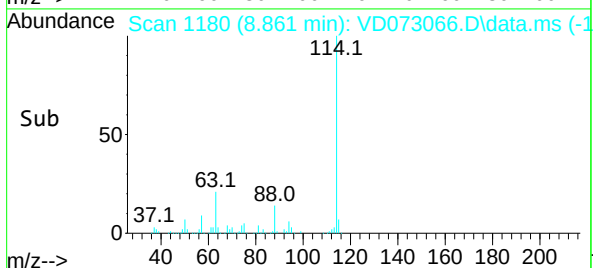
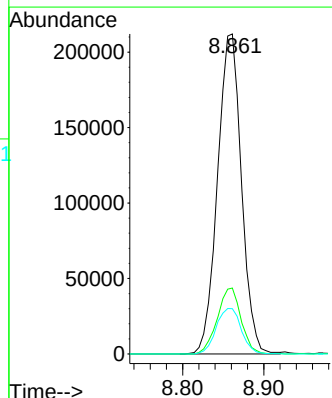
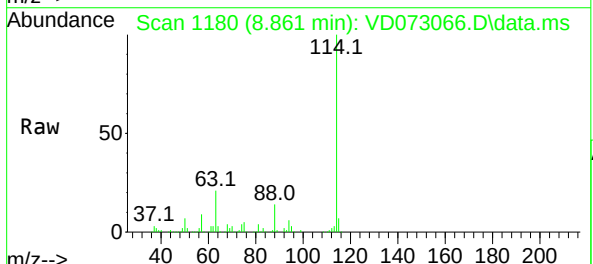
Tgt Ion: 114 Resp: 434118

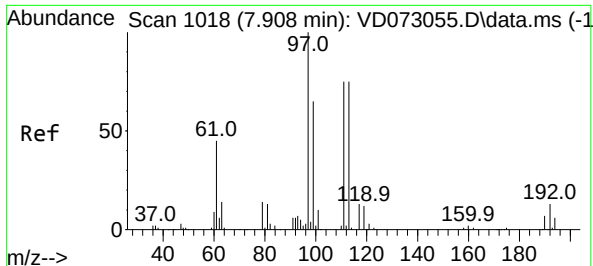
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.660 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

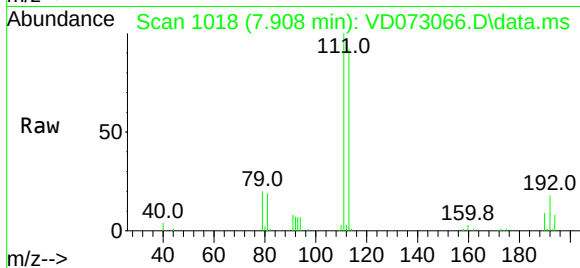
Lab File: VD073066.D

Acq: 17 May 2022 19:35

Instrument :

MSVOA_D

ClientSampleId :



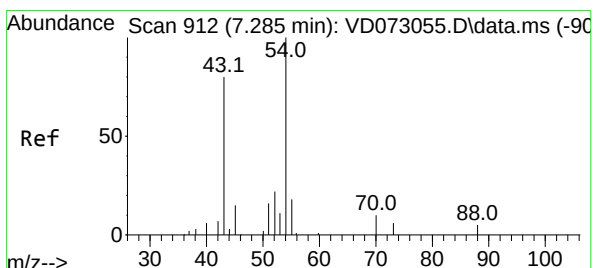
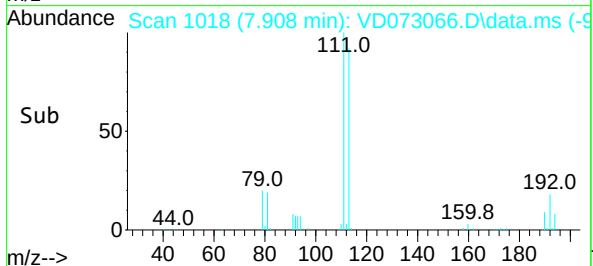
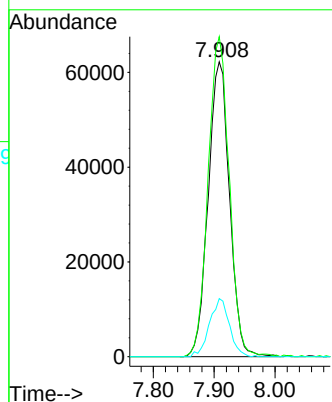
Tgt Ion:113 Resp: 151364

Ion Ratio Lower Upper

113 100

111 107.6 83.8 125.6

192 18.4 14.6 21.8



#37

Ethyl Acetate

Concen: 1.660 ug/l

RT: 7.203 min Scan# 898

Delta R.T. -0.082 min

Lab File: VD073066.D

Acq: 17 May 2022 19:35

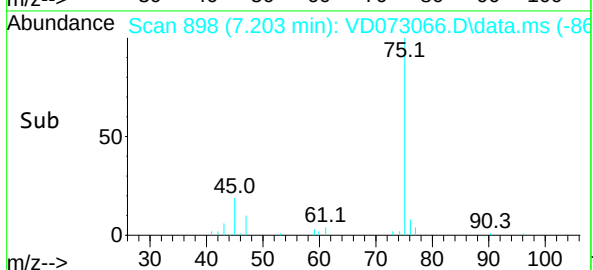
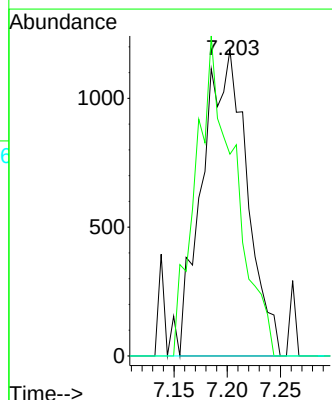
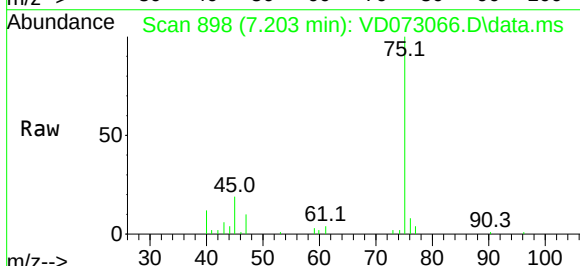
Tgt Ion: 43 Resp: 3463

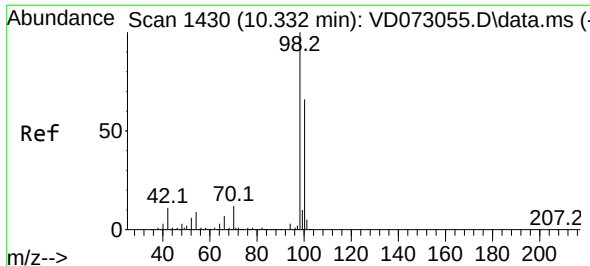
Ion Ratio Lower Upper

43 100

61 92.0 9.8 14.8#

70 0.0 6.9 10.3#

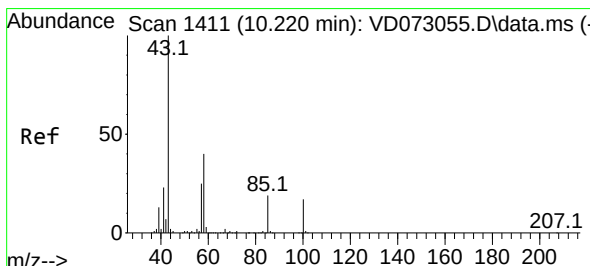
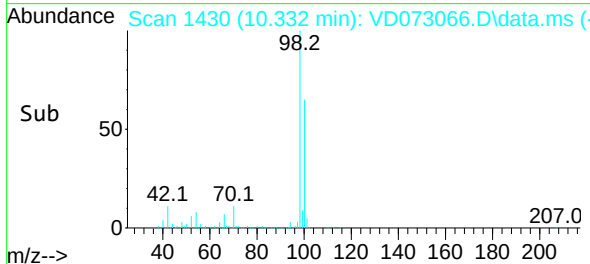
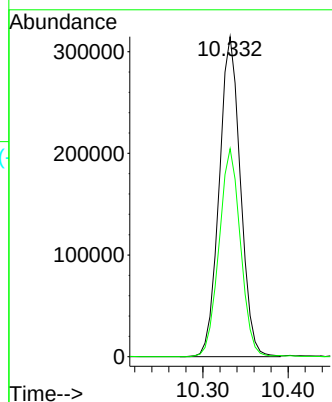
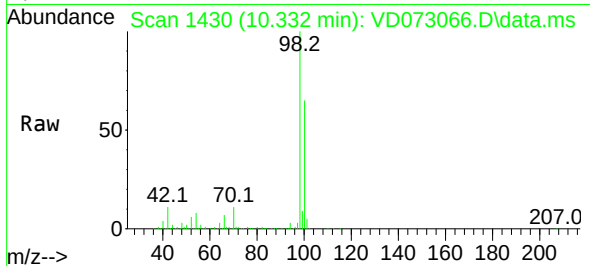




#50
Toluene-d8
Concen: 49.287 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

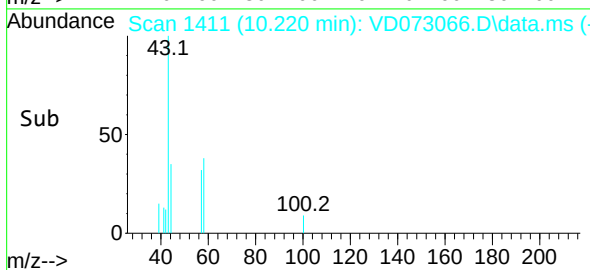
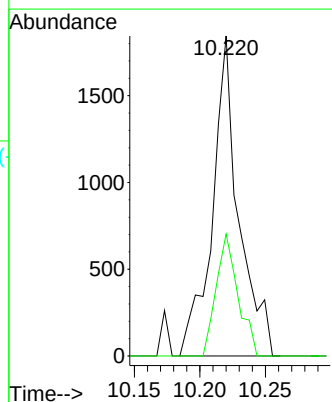
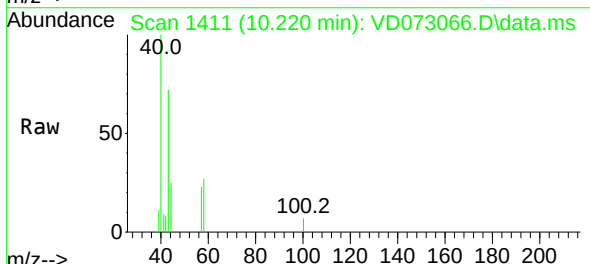
Instrument :
MSVOA_D
ClientSampleId :

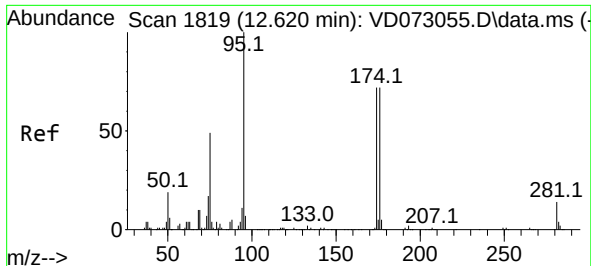
Tgt Ion: 98 Resp: 544992
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.276 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion: 43 Resp: 2582
Ion Ratio Lower Upper
43 100
58 31.3 28.6 43.0

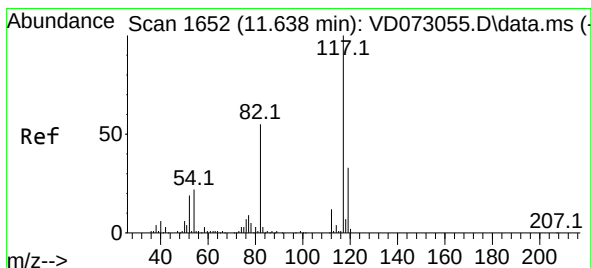
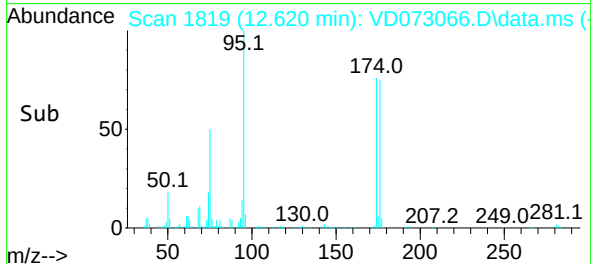
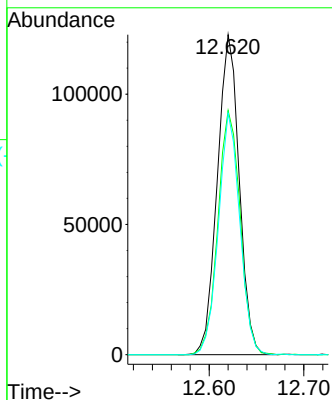
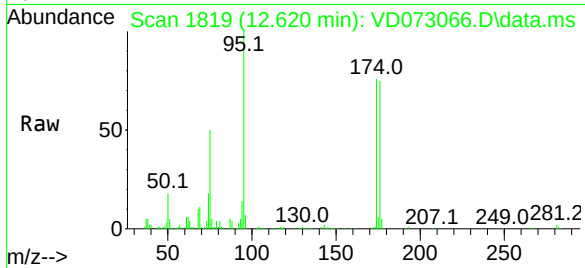




#62
4-Bromofluorobenzene
Concen: 49.267 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

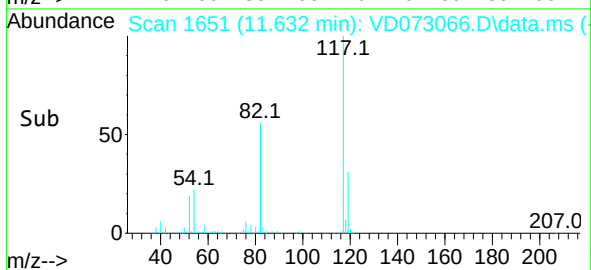
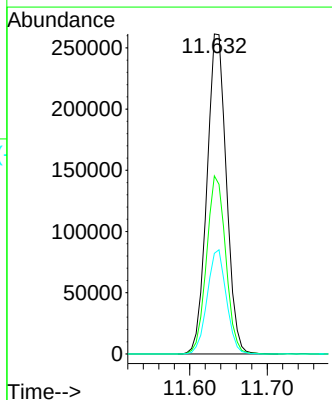
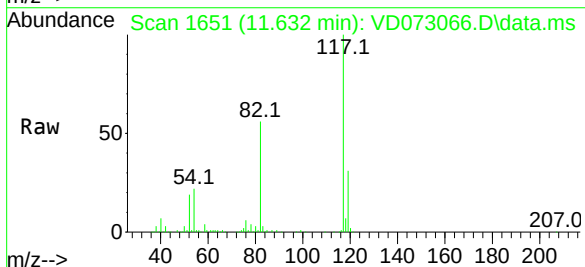
Instrument :
MSVOA_D
ClientSampleId :

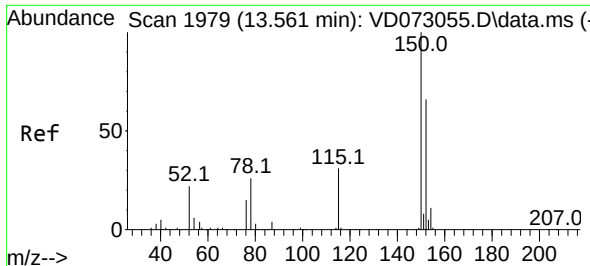
Tgt Ion: 95 Resp: 197313
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 73.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

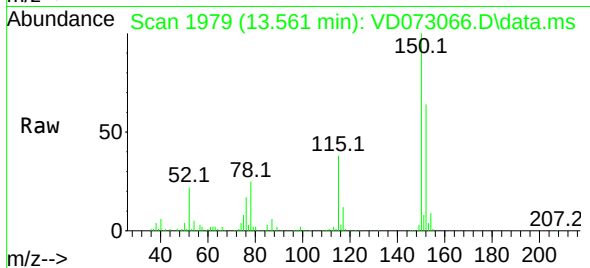
Tgt Ion: 117 Resp: 453888
Ion Ratio Lower Upper
117 100
82 55.6 45.3 67.9
119 31.5 26.6 40.0



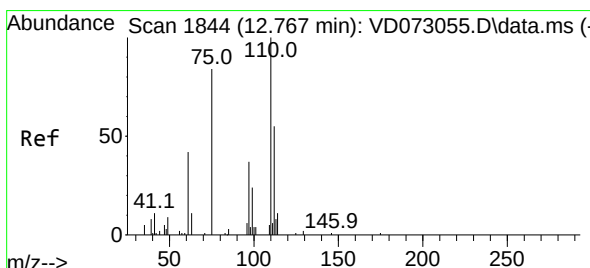
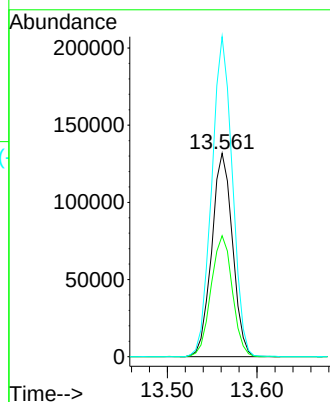
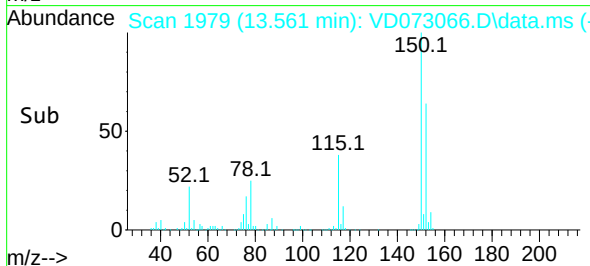


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD073066.D
 Acq: 17 May 2022 19:35

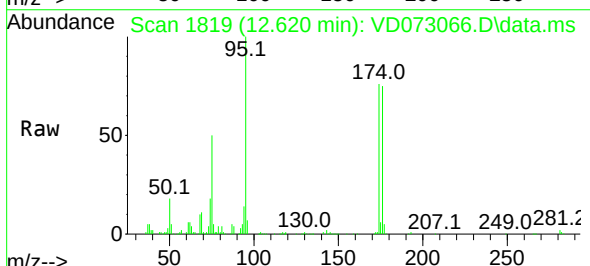
Instrument :
 MSVOA_D
 ClientSampleId :



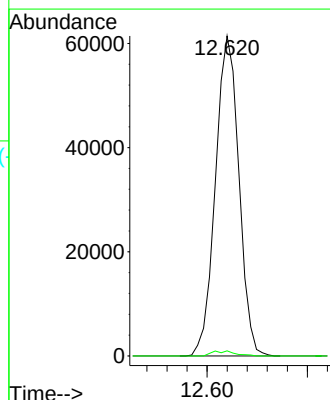
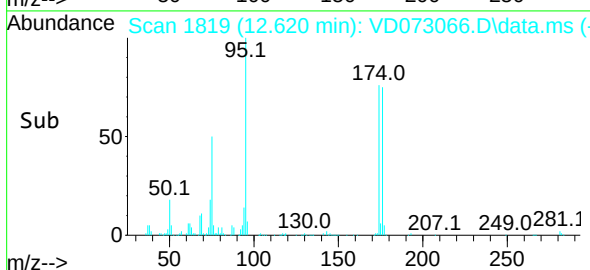
Tgt Ion:152 Resp: 212614
 Ion Ratio Lower Upper
 152 100
 115 60.6 31.3 93.8
 150 155.9 0.0 348.6

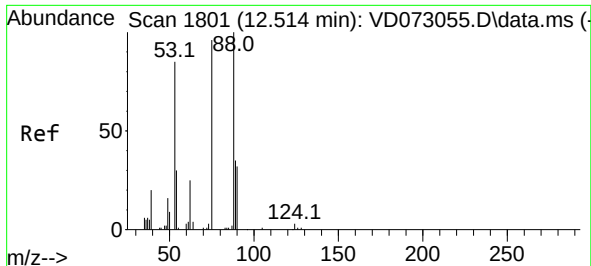


#76
 1,2,3-Trichloropropane
 Concen: 41.481 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073066.D
 Acq: 17 May 2022 19:35



Tgt Ion: 75 Resp: 99699
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#

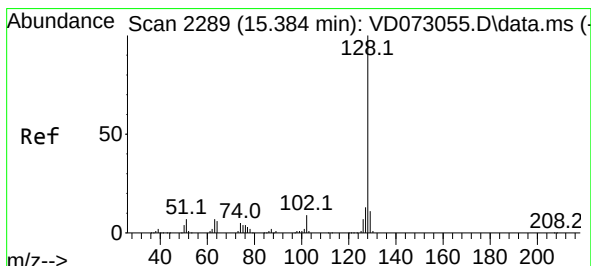
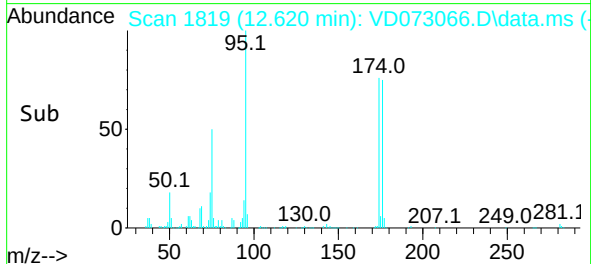
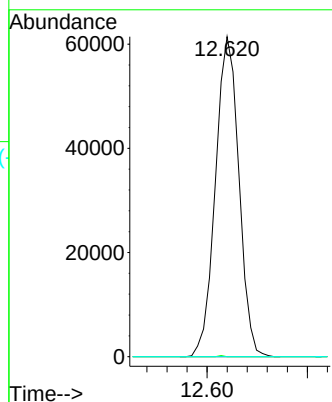
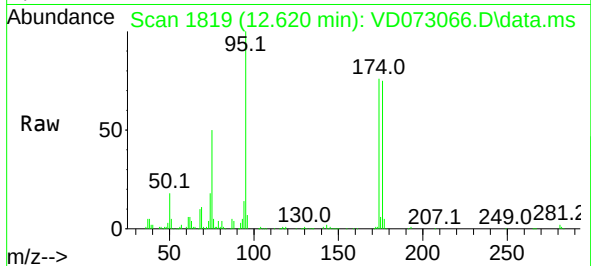




#81
trans-1,4-Dichloro-2-butene
Concen: 99.463 ug/l
RT: 12.620 min Scan# 1801
Delta R.T. 0.106 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 99699
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 4.332 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.005 min
Lab File: VD073066.D
Acq: 17 May 2022 19:35

Tgt Ion: 128 Resp: 654
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

