

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073388.D
 Acq On : 26 May 2022 15:09
 Operator : VA/SY
 Sample : N3032-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-406-ROLL-OFF

Quant Time: May 27 01:31:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

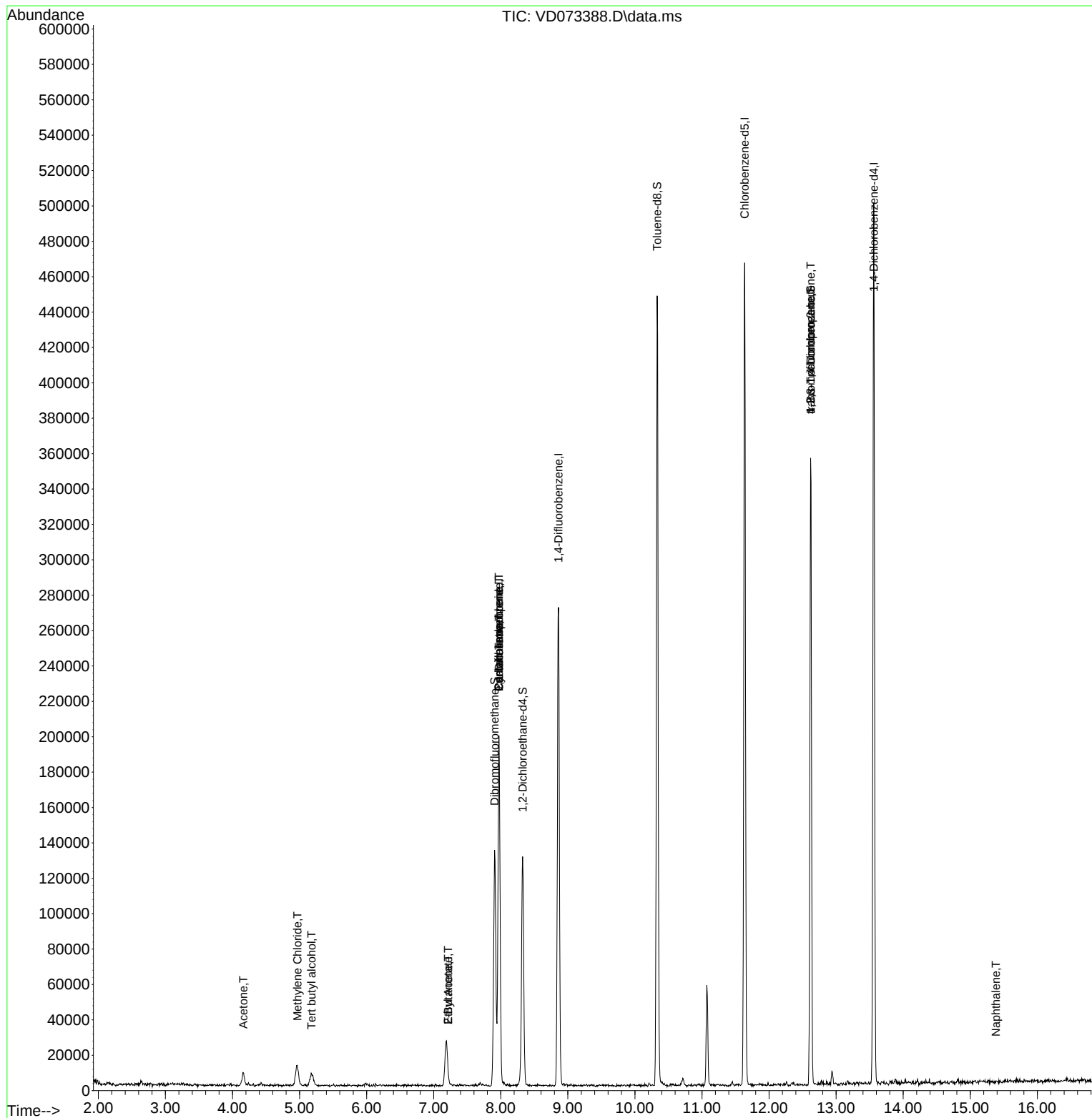
Internal Standards						
1) Pentafluorobenzene	7.973	168	135692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	238667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	276678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	131086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	100990	67.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.700%	
35) Dibromofluoromethane	7.908	113	96030	60.976	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.960%	
50) Toluene-d8	10.331	98	302918	52.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.360%	
62) 4-Bromofluorobenzene	12.620	95	119329	58.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.767	94	336	Below Cal	#	1
11) Tert butyl alcohol	5.179	59	6811	29.274	ug/l #	74
16) Acetone	4.161	43	13186	50.765	ug/l #	87
20) Methylene Chloride	4.967	84	9661	2.033	ug/l #	79
25) 2-Butanone	7.214	43	1346	3.542	ug/l #	52
31) Cyclohexane	7.973	56	3568	1.362	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	11820	4.990	ug/l #	53
37) Ethyl Acetate	7.214	43	1346	1.439	ug/l #	72
38) Carbon Tetrachloride	7.973	117	14423	6.007	ug/l #	19
76) 1,2,3-Trichloropropane	12.620	75	59791	46.487	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	59791	111.602	ug/l #	7
95) Naphthalene	15.384	128	350	3.617	ug/l #	70

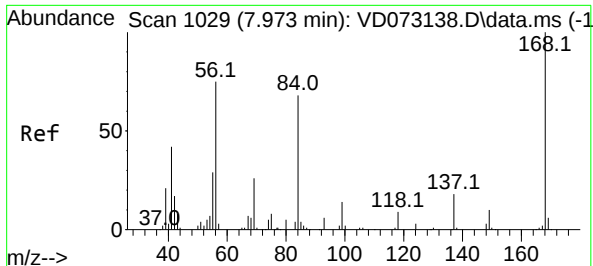
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
Data File : VD073388.D
Acq On : 26 May 2022 15:09
Operator : VA/SY
Sample : N3032-01
Misc : 5.07G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF

Quant Time: May 27 01:31:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

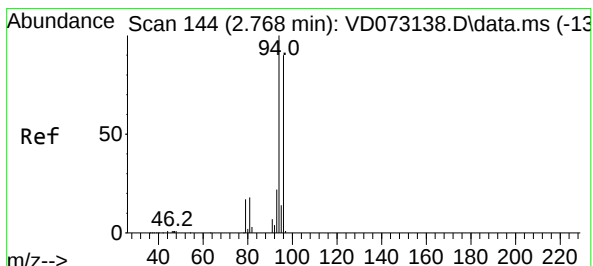
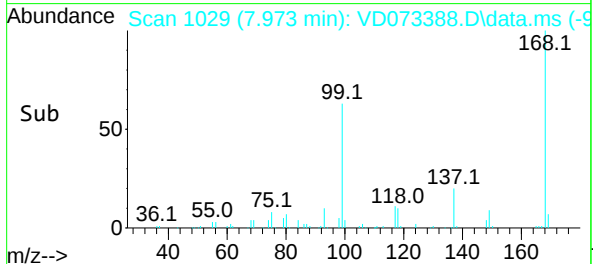
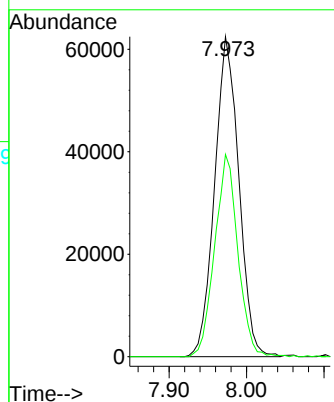
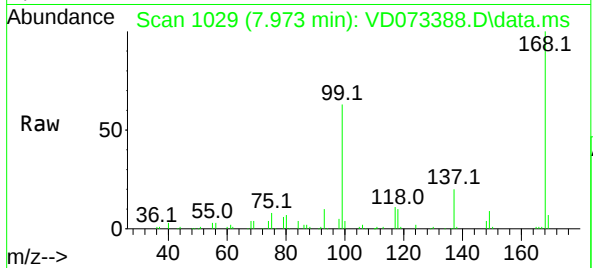




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

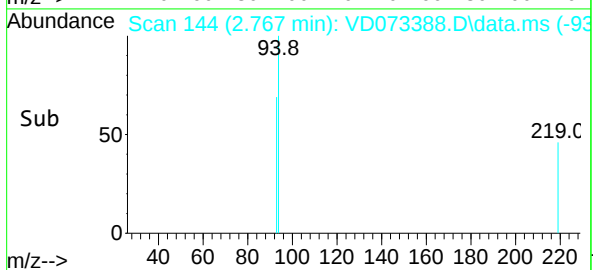
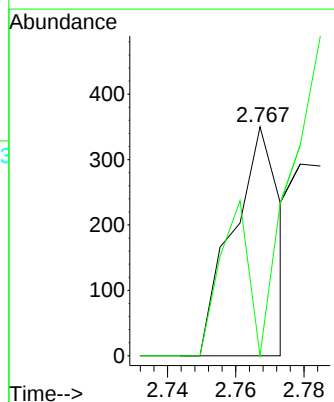
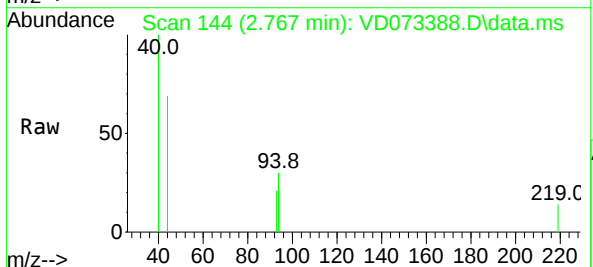
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF

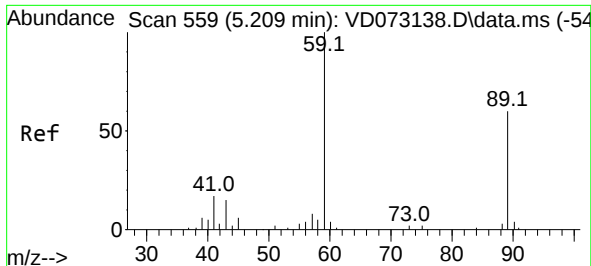
Tgt Ion:168 Resp: 135692
Ion Ratio Lower Upper
168 100
99 63.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

Tgt Ion: 94 Resp: 336
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#





#11

Tert butyl alcohol

Concen: 29.274 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

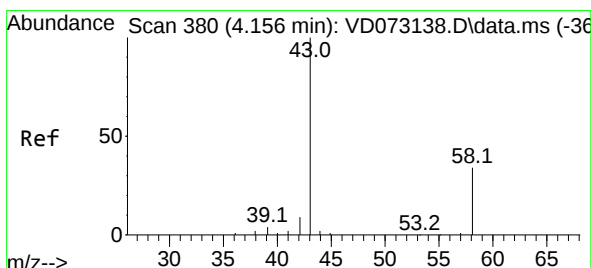
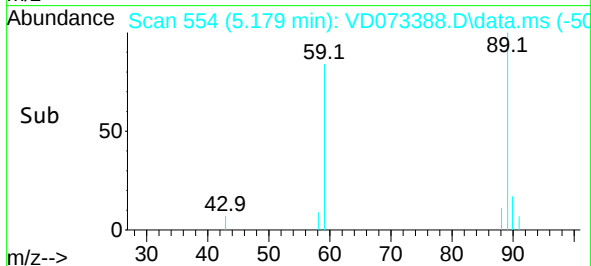
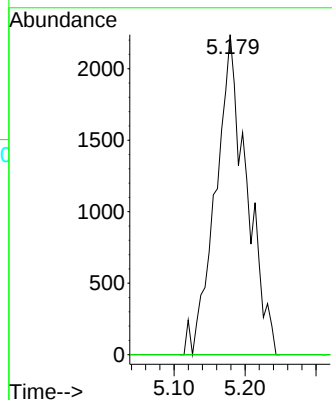
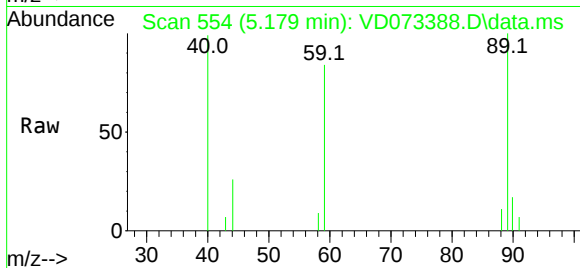
SU-406-ROLL-OFF

Tgt Ion: 59 Resp: 6811

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: 50.765 ug/l

RT: 4.161 min Scan# 381

Delta R.T. 0.005 min

Lab File: VD073388.D

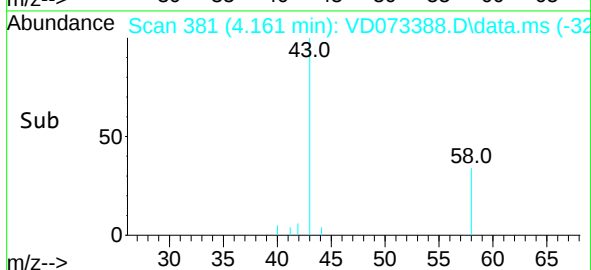
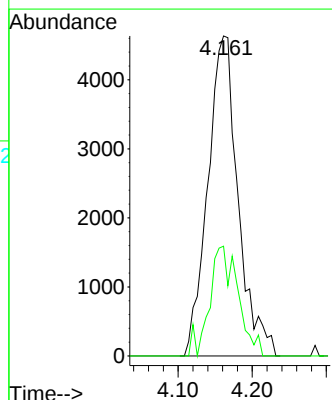
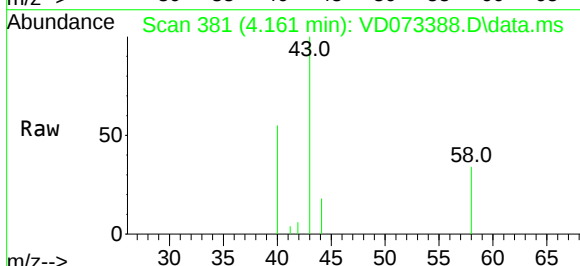
Acq: 26 May 2022 15:09

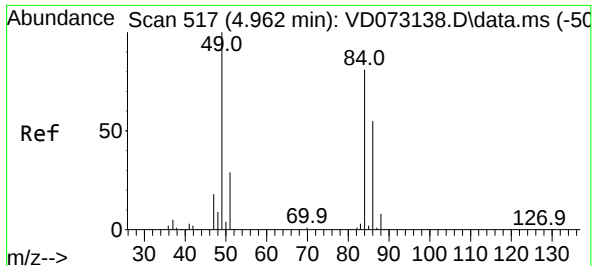
Tgt Ion: 43 Resp: 13186

Ion Ratio Lower Upper

43 100

58 34.3 22.1 33.1#





#20

Methylene Chloride

Concen: 2.033 ug/l

RT: 4.967 min Scan# 517

Delta R.T. 0.005 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

SU-406-ROLL-OFF

Tgt Ion: 84 Resp: 9661

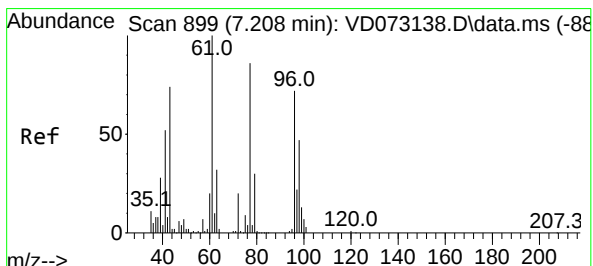
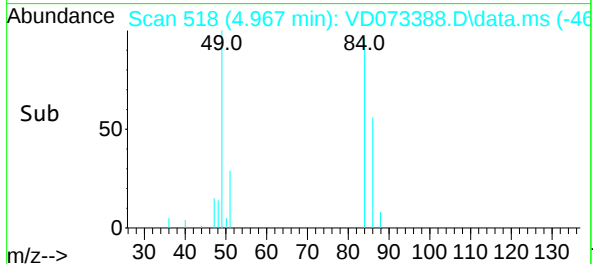
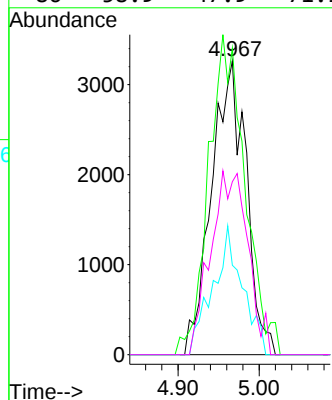
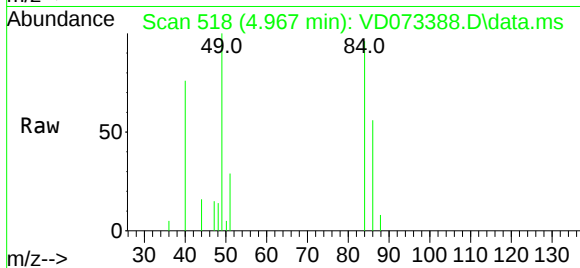
Ion Ratio Lower Upper

84 100

49 104.4 112.8 169.2#

51 30.5 32.6 48.8#

86 58.9 47.9 71.9



#25

2-Butanone

Concen: 3.542 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.006 min

Lab File: VD073388.D

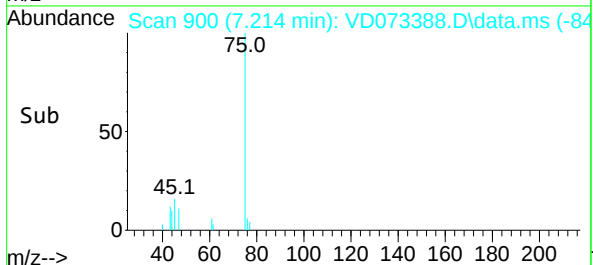
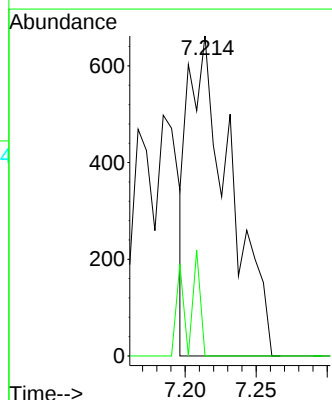
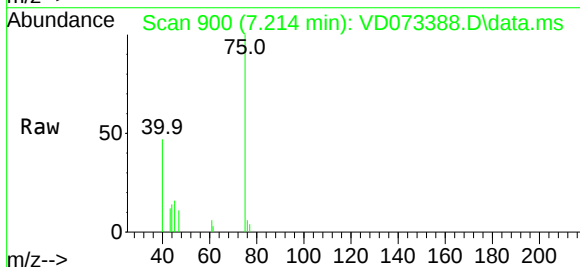
Acq: 26 May 2022 15:09

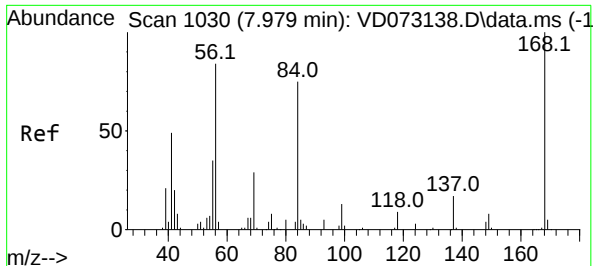
Tgt Ion: 43 Resp: 1346

Ion Ratio Lower Upper

43 100

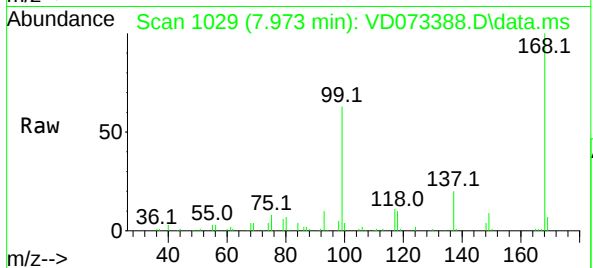
72 0.0 18.6 27.8#



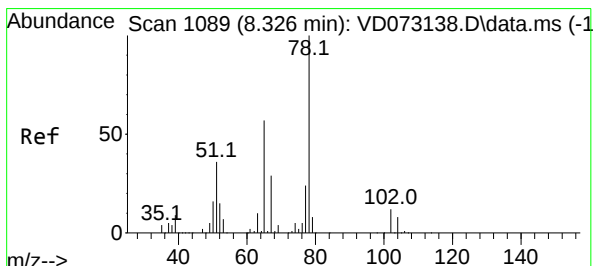
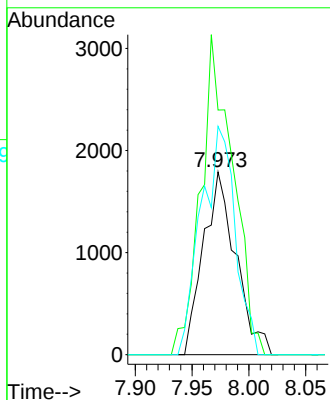
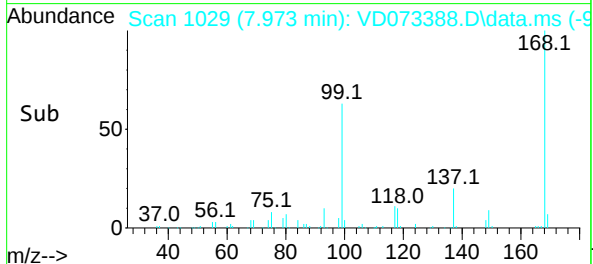


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

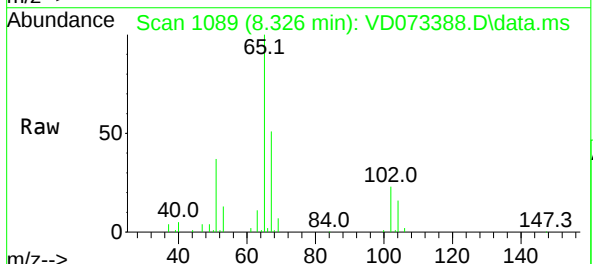
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF



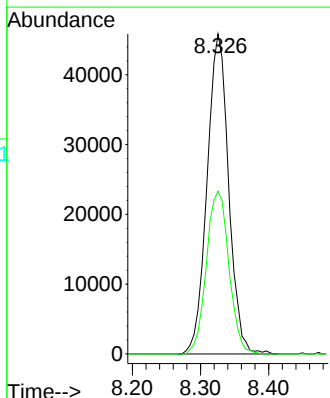
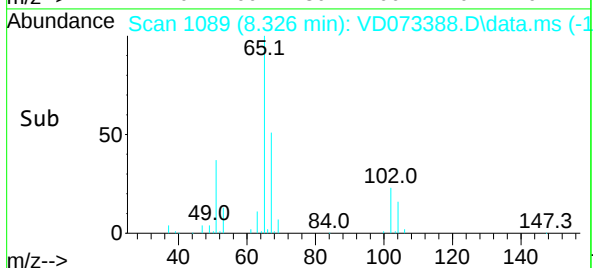
Tgt Ion: 56 Resp: 3568
Ion Ratio Lower Upper
56 100
69 133.9 25.4 38.2#
84 125.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 67.345 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09



Tgt Ion: 65 Resp: 100990
Ion Ratio Lower Upper
65 100
67 53.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

SU-406-ROLL-OFF

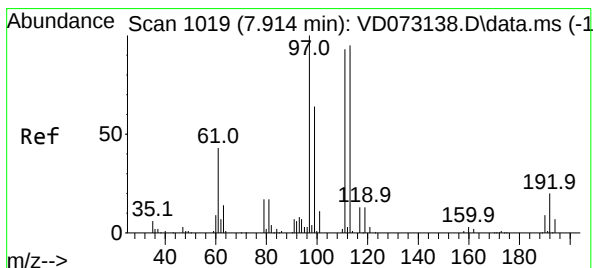
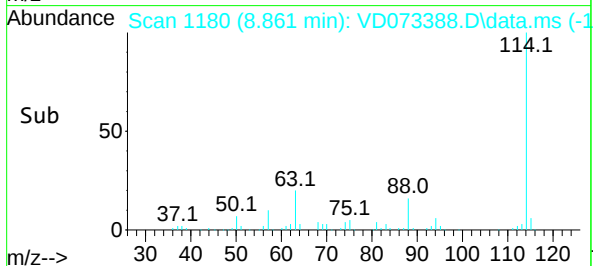
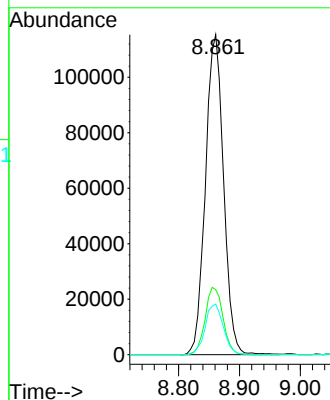
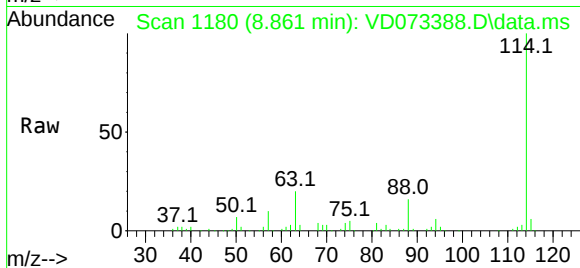
Tgt Ion:114 Resp: 238667

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 60.976 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

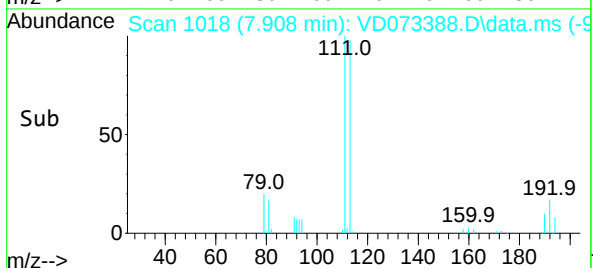
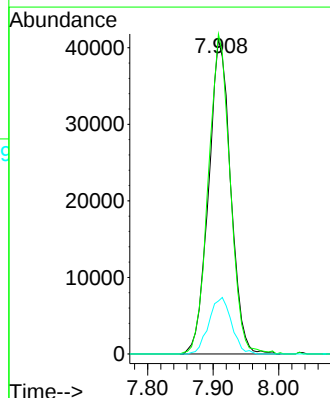
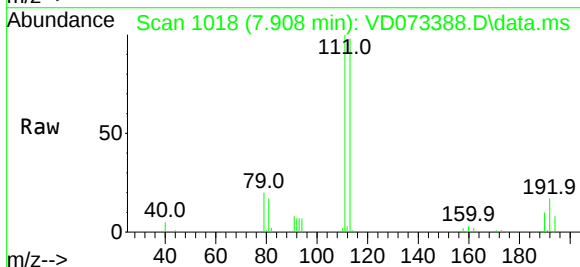
Tgt Ion:113 Resp: 96030

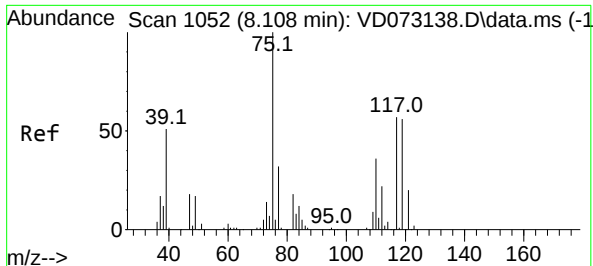
Ion Ratio Lower Upper

113 100

111 100.6 83.8 125.6

192 18.4 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.990 ug/l

RT: 7.973 min Scan# 11

Delta R.T. -0.135 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

Instrument :

MSVOA_D

ClientSampleId :

SU-406-ROLL-OFF

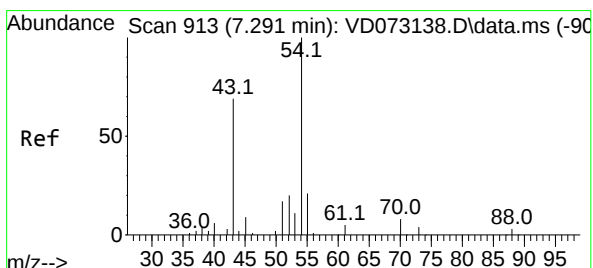
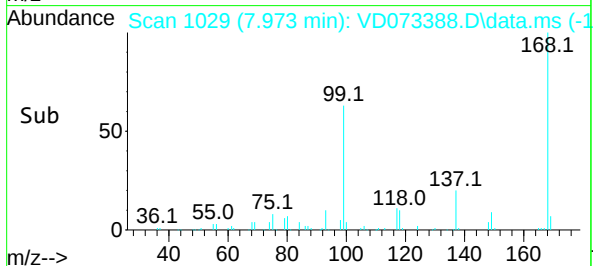
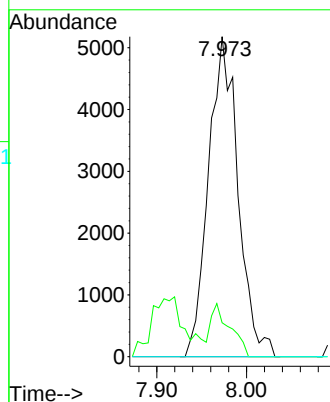
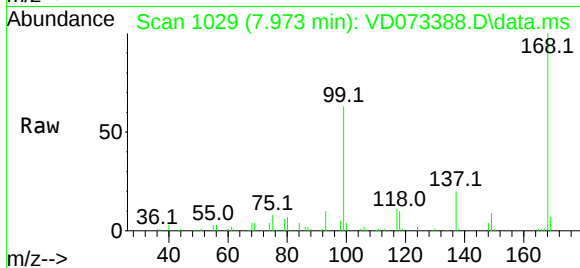
Tgt Ion: 75 Resp: 11820

Ion Ratio Lower Upper

75 100

110 10.8 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.439 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.077 min

Lab File: VD073388.D

Acq: 26 May 2022 15:09

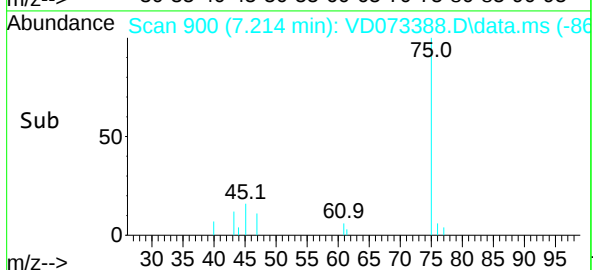
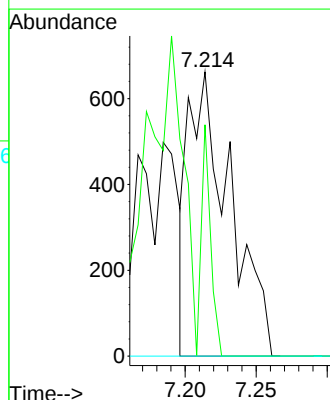
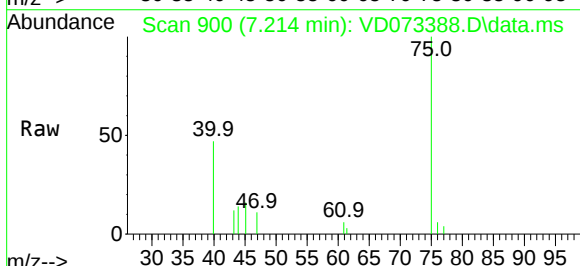
Tgt Ion: 43 Resp: 1346

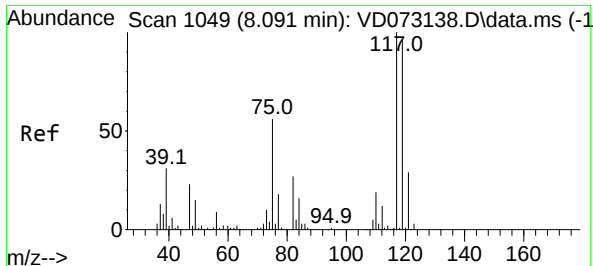
Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

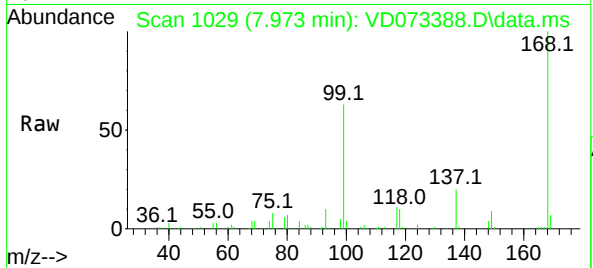
70 0.0 6.9 10.3#



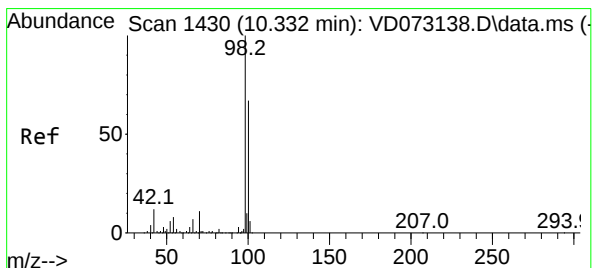
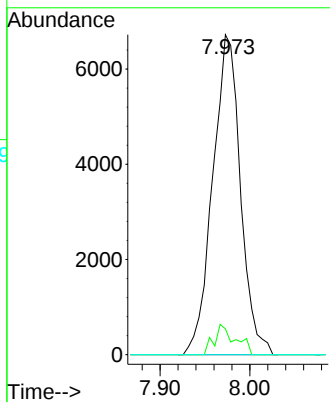
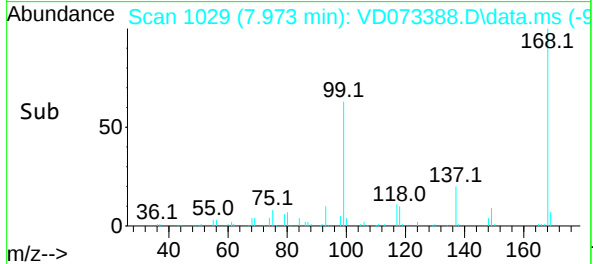


#38
Carbon Tetrachloride
Concen: 6.007 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

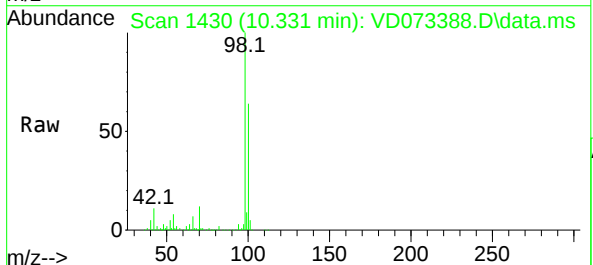
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF



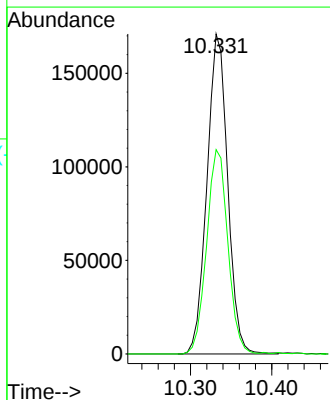
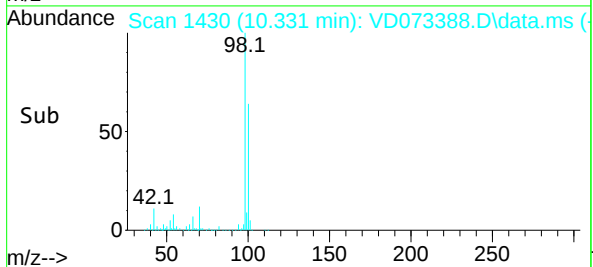
Tgt Ion:117 Resp: 14423
Ion Ratio Lower Upper
117 100
119 8.1 75.8 113.6#
121 0.0 24.5 36.7#

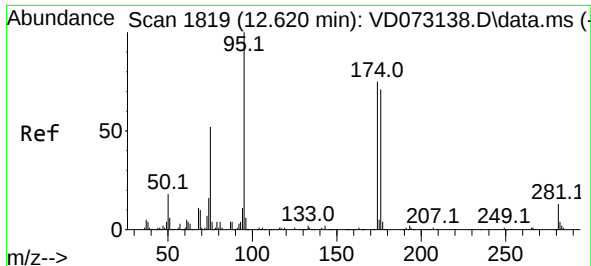


#50
Toluene-d8
Concen: 52.179 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.001 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09



Tgt Ion: 98 Resp: 302918
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

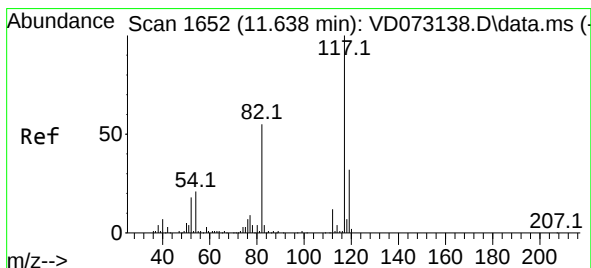
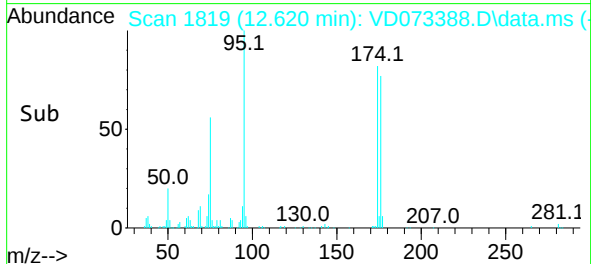
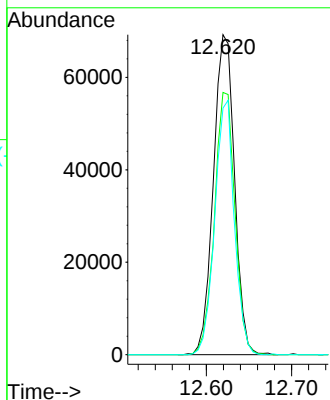
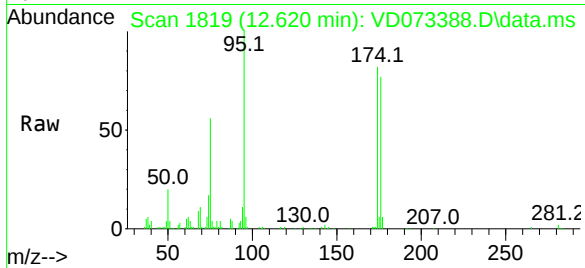




#62
4-Bromofluorobenzene
Concen: 58.570 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

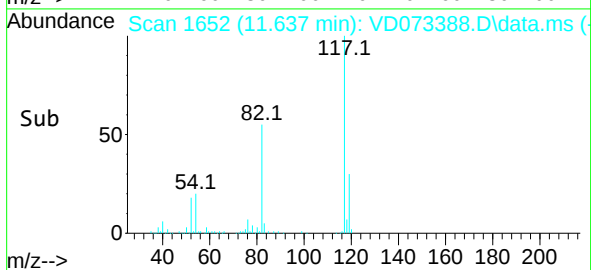
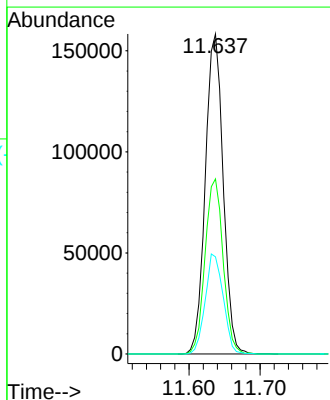
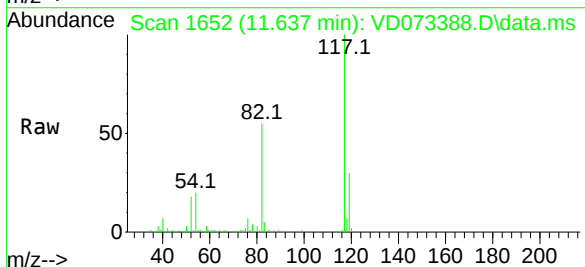
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF

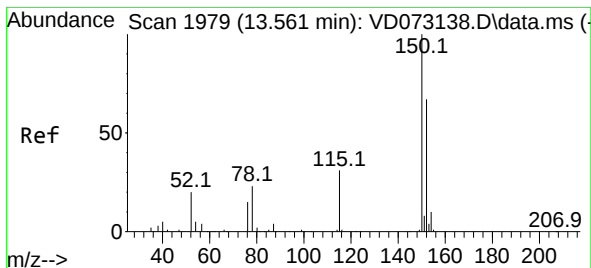
Tgt Ion: 95 Resp: 119329
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 73.7 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.001 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

Tgt Ion: 117 Resp: 276678
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 30.3 26.6 40.0

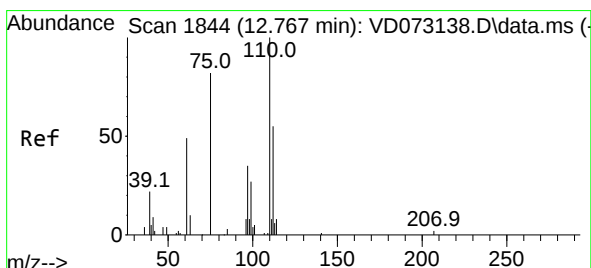
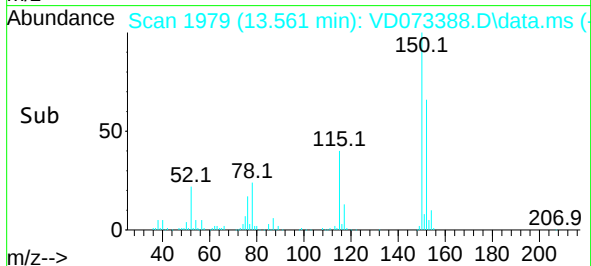
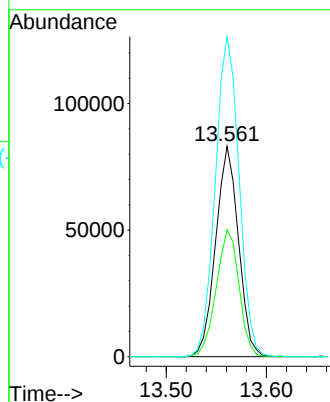
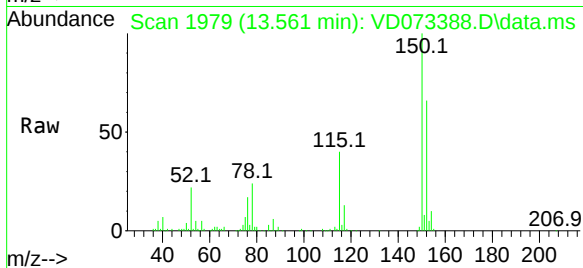




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

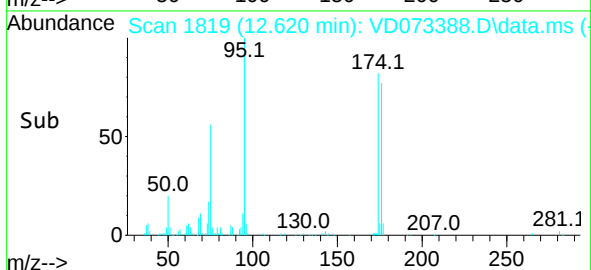
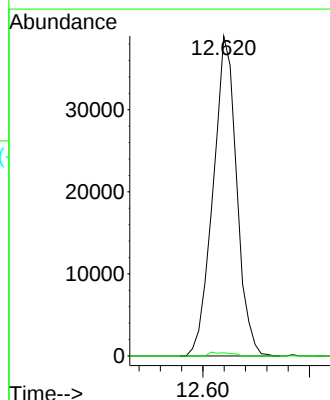
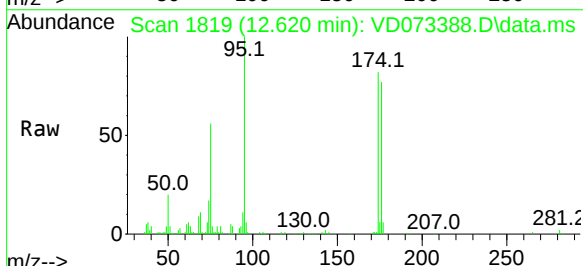
Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF

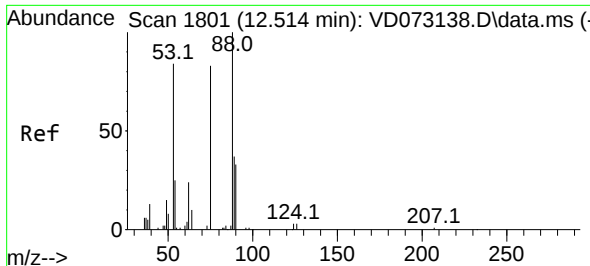
Tgt Ion:152 Resp: 131086
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 158.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.487 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

Tgt Ion: 75 Resp: 59791
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

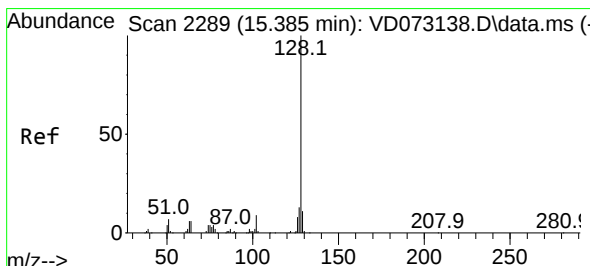
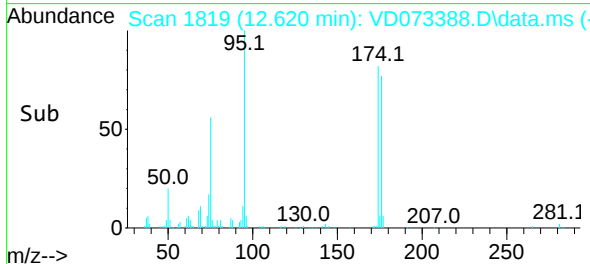
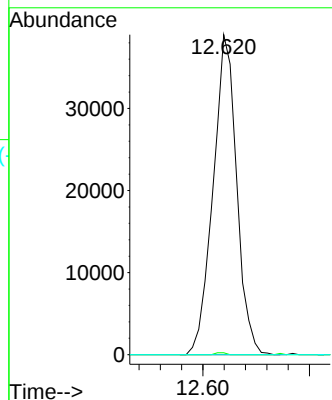
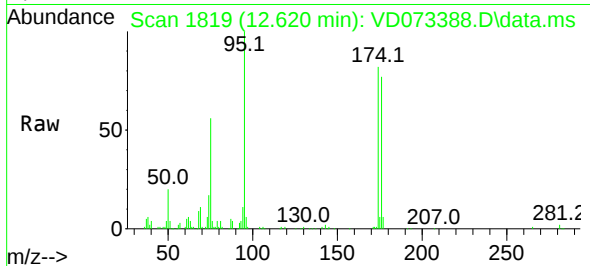




#81
trans-1,4-Dichloro-2-butene
Concen: 111.602 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

Instrument :
MSVOA_D
ClientSampleId :
SU-406-ROLL-OFF

Tgt Ion: 75 Resp: 59791
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 3.617 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073388.D
Acq: 26 May 2022 15:09

Tgt Ion: 128 Resp: 350
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

