

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060922\
 Data File : VD073518.D
 Acq On : 09 Jun 2022 20:15
 Operator : VA/SY
 Sample : N3028-03RE
 Misc : 4.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-1-5FTRE

Quant Time: Jun 10 06:15:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 10 05:32:19 2022
 Response via : Initial Calibration

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

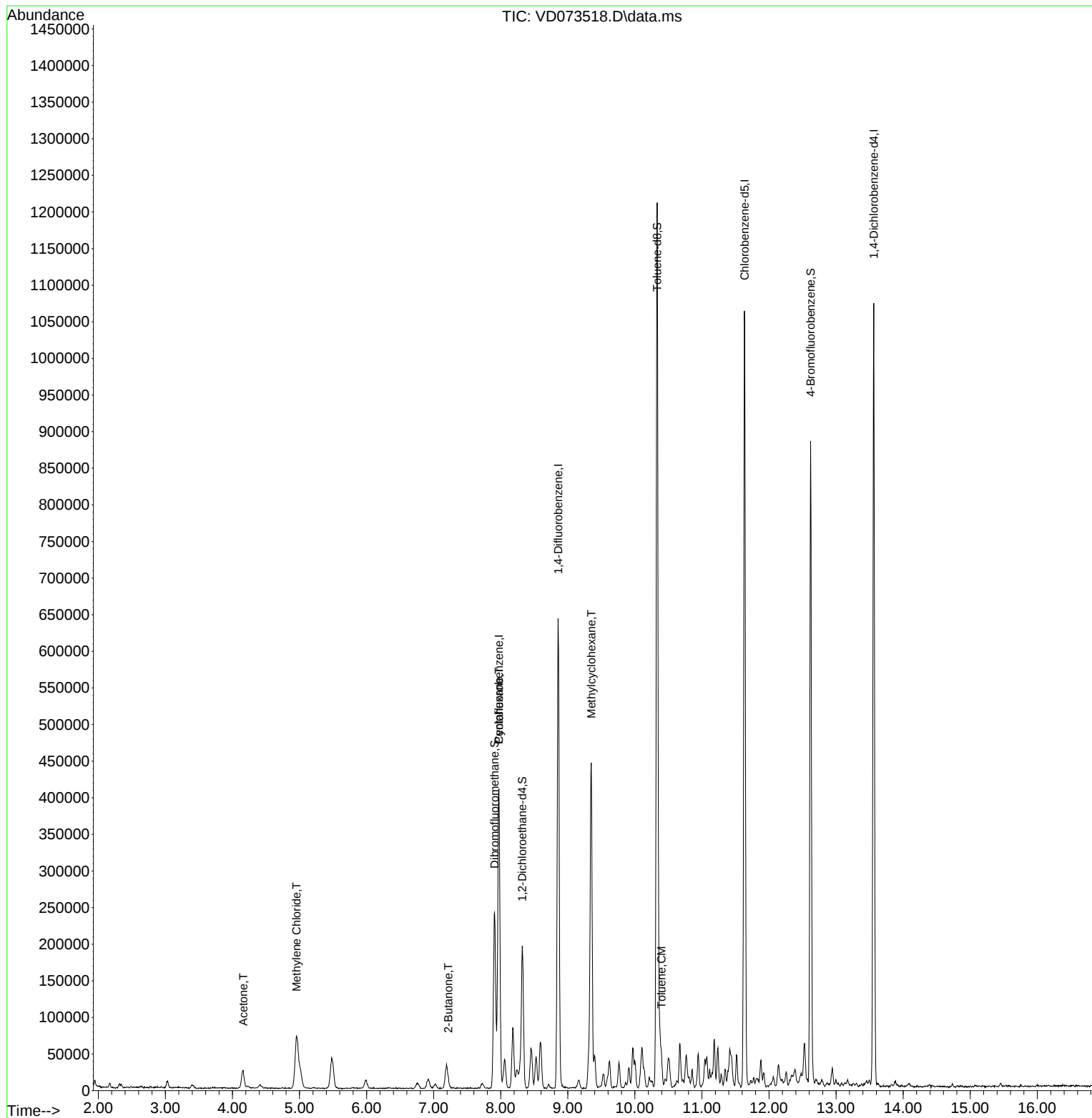
Internal Standards						
1) Pentafluorobenzene	7.973	168	295881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	561954	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	630652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	291994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	149540	47.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.200%
35) Dibromofluoromethane	7.909	113	177436	49.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.200%
50) Toluene-d8	10.332	98	732562	53.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.240%
62) 4-Bromofluorobenzene	12.620	95	296566	59.793	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.580%
Target Compounds						
					Qvalue	
16) Acetone	4.162	43	41604	74.416	ug/l	97
20) Methylene Chloride	4.956	84	53686	12.901	ug/l #	81
25) 2-Butanone	7.220	43	12698	15.436	ug/l	93
31) Cyclohexane	7.973	56	15368	2.873	ug/l #	21
39) Methylcyclohexane	9.350	83	179516	28.383	ug/l	99
52) Toluene	10.397	92	17452	1.724	ug/l	96

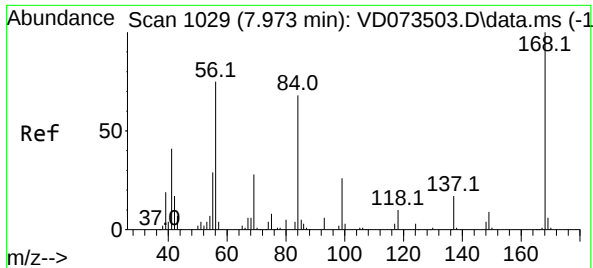
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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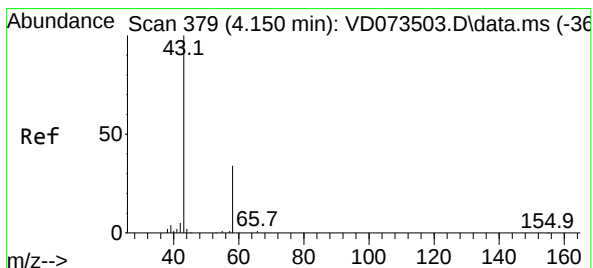
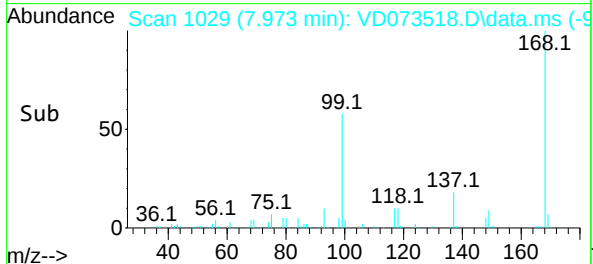
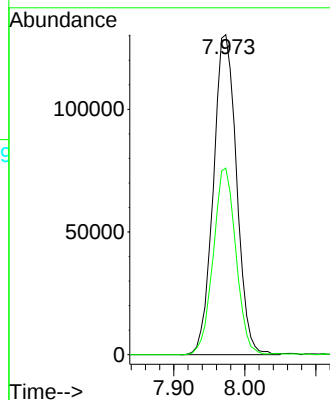
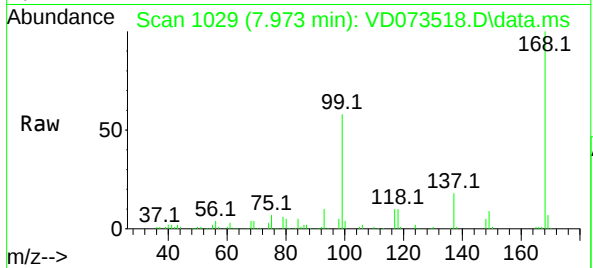




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

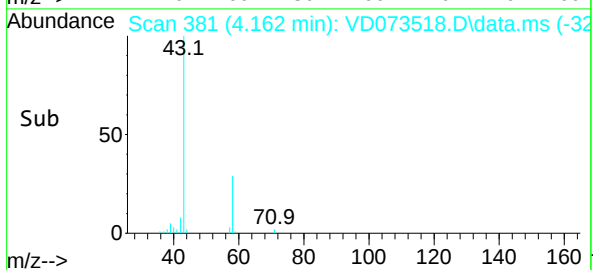
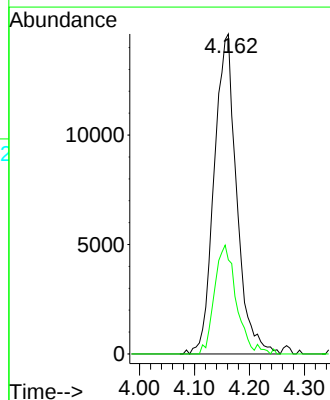
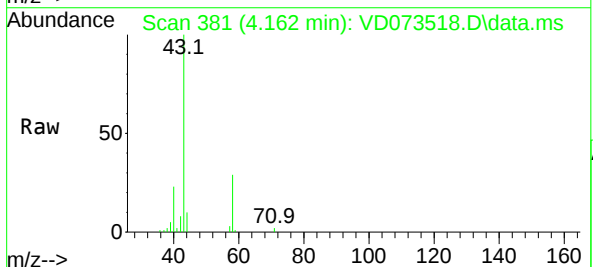
Instrument :
MSVOA_D
ClientSampleId :
TP-2-1-5FTRE

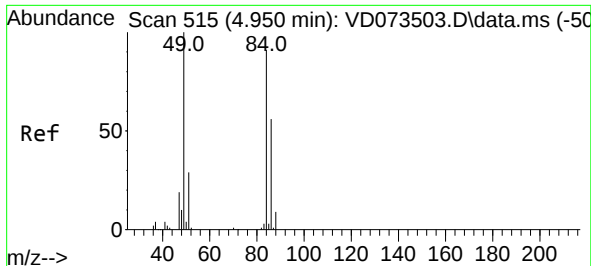
Tgt Ion:168 Resp: 295881
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#16
Acetone
Concen: 74.416 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

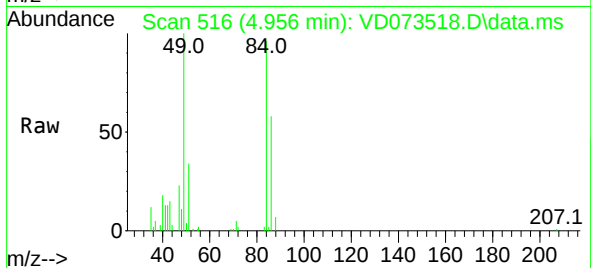
Tgt Ion: 43 Resp: 41604
Ion Ratio Lower Upper
43 100
58 29.4 22.1 33.1





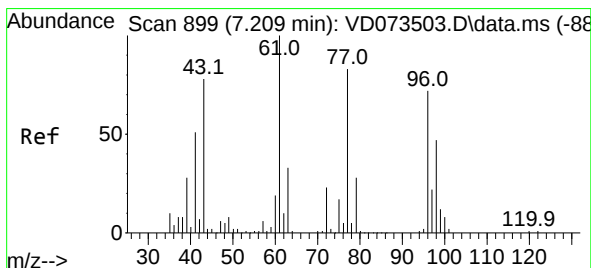
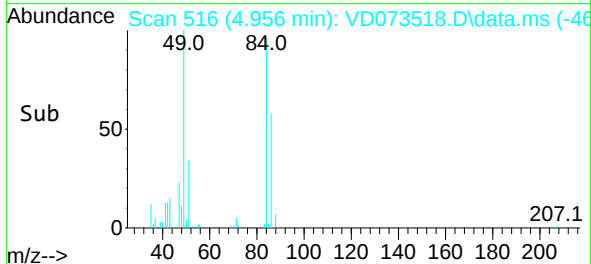
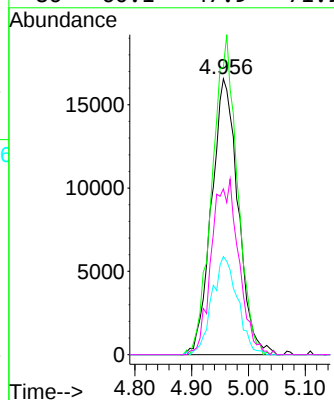
#20
Methylene Chloride
Concen: 12.901 ug/l
RT: 4.956 min Scan# 515
Delta R.T. 0.006 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
TP-2-1-5FTRE



Tgt Ion: 84 Resp: 53686

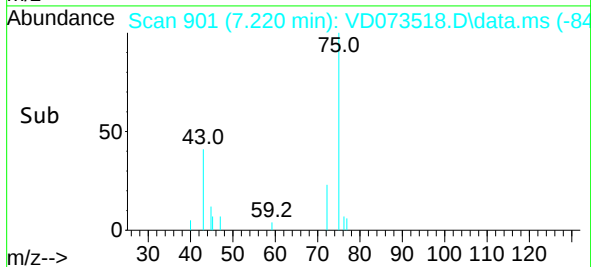
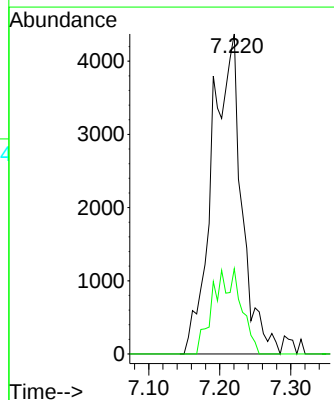
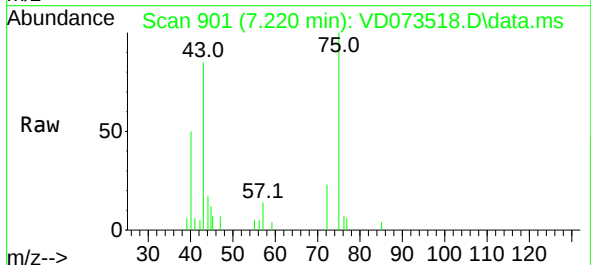
Ion	Ratio	Lower	Upper
84	100		
49	104.2	112.8	169.2#
51	35.5	32.6	48.8
86	60.1	47.9	71.9

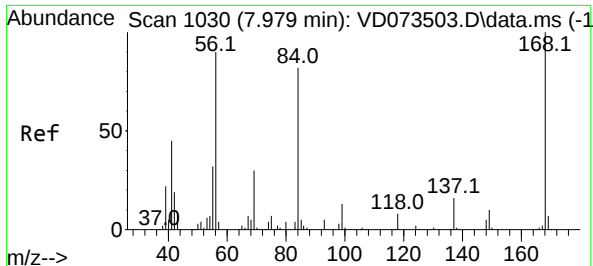


#25
2-Butanone
Concen: 15.436 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.011 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

Tgt Ion: 43 Resp: 12698

Ion	Ratio	Lower	Upper
43	100		
72	26.7	18.6	27.8





#31

Cyclohexane

Concen: 2.873 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073518.D

Acq: 09 Jun 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

TP-2-1-5FTRE

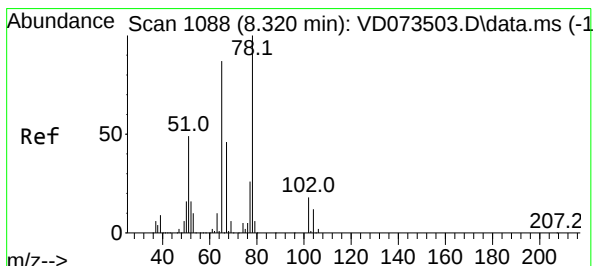
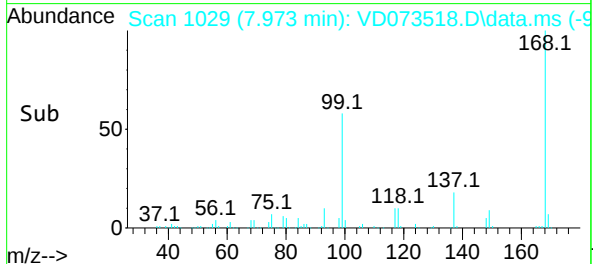
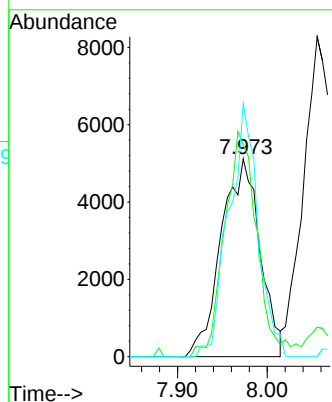
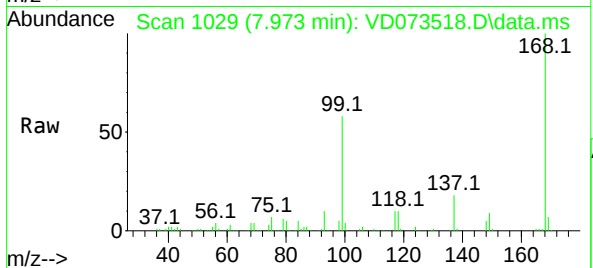
Tgt Ion: 56 Resp: 15368

Ion Ratio Lower Upper

56 100

69 107.1 25.4 38.2#

84 128.2 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 47.096 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073518.D

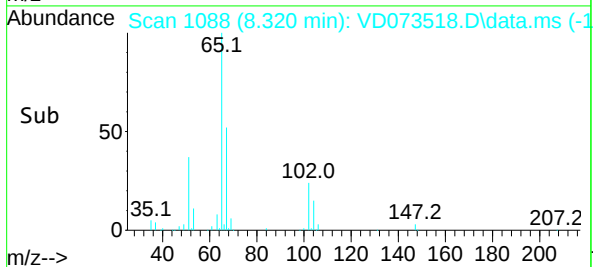
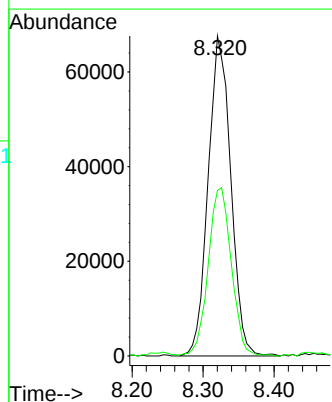
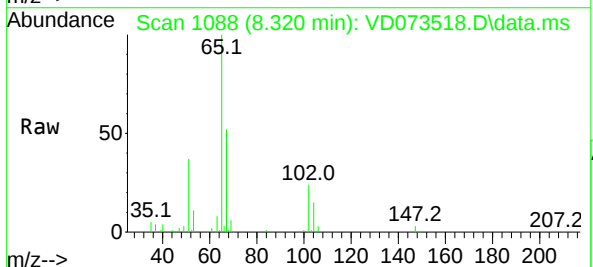
Acq: 09 Jun 2022 20:15

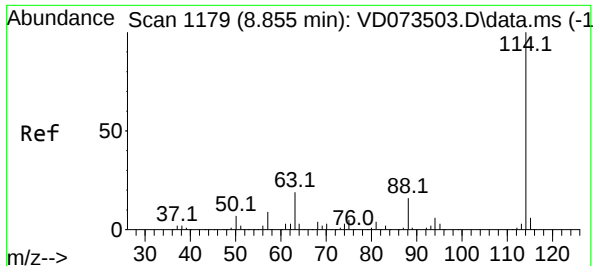
Tgt Ion: 65 Resp: 149540

Ion Ratio Lower Upper

65 100

67 53.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073518.D

Acq: 09 Jun 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

TP-2-1-5FTRE

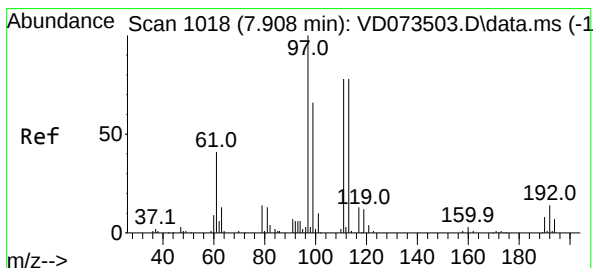
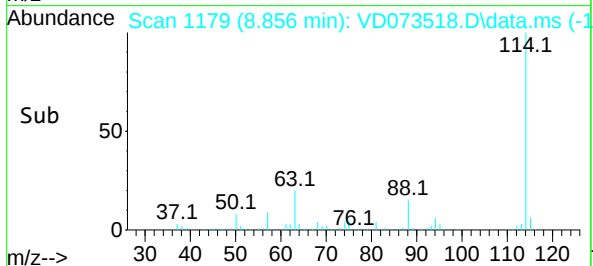
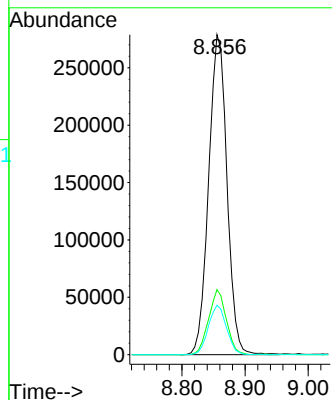
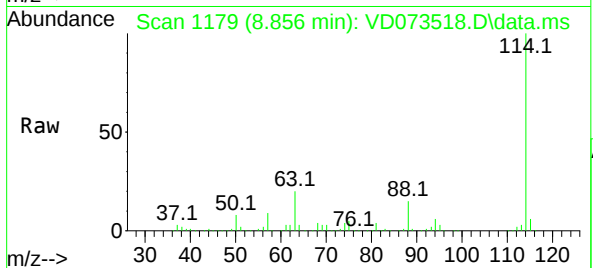
Tgt Ion:114 Resp: 561954

Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.102 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073518.D

Acq: 09 Jun 2022 20:15

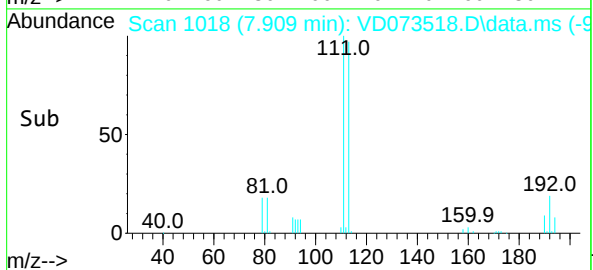
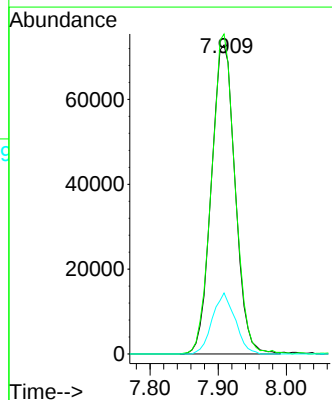
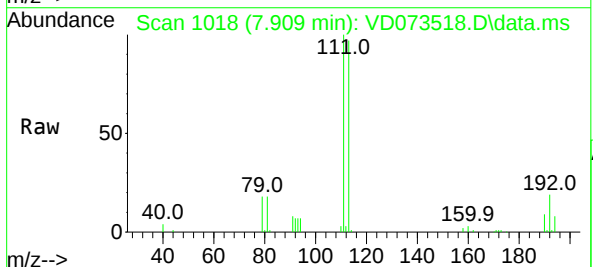
Tgt Ion:113 Resp: 177436

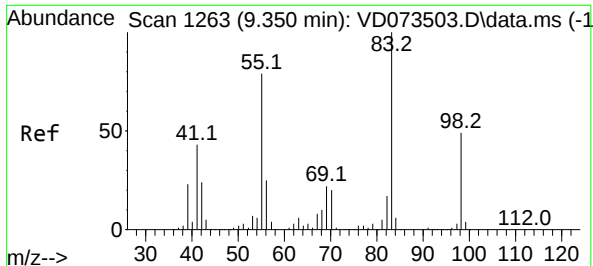
Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 18.9 14.6 21.8





#39

Methylcyclohexane

Concen: 28.383 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD073518.D

Acq: 09 Jun 2022 20:15

Instrument :

MSVOA_D

ClientSampleId :

TP-2-1-5FTRE

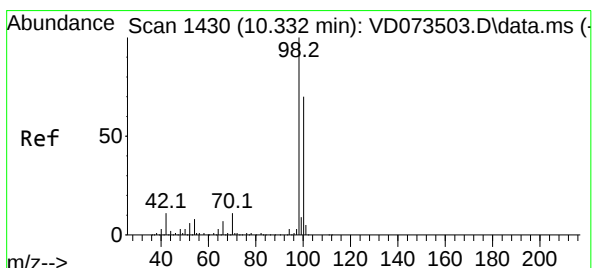
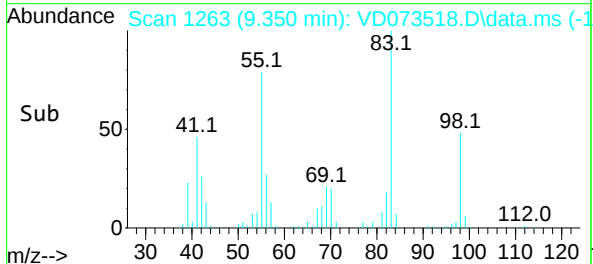
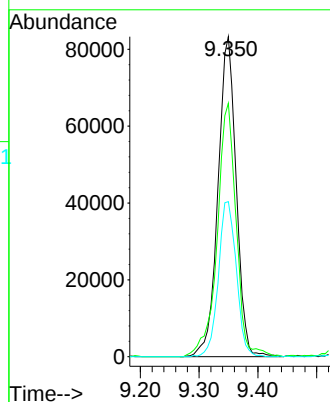
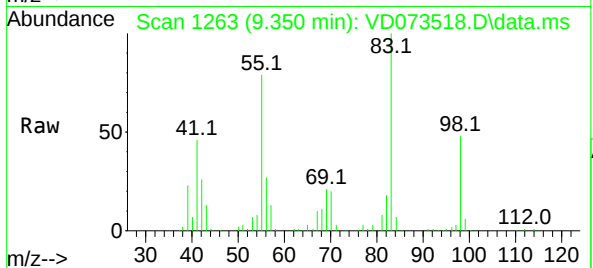
Tgt Ion: 83 Resp: 179516

Ion Ratio Lower Upper

83 100

55 79.2 63.2 94.8

98 48.5 38.2 57.4



#50

Toluene-d8

Concen: 53.618 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073518.D

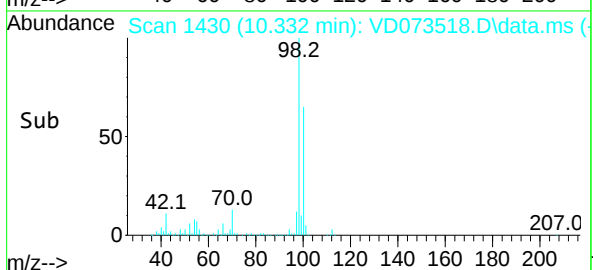
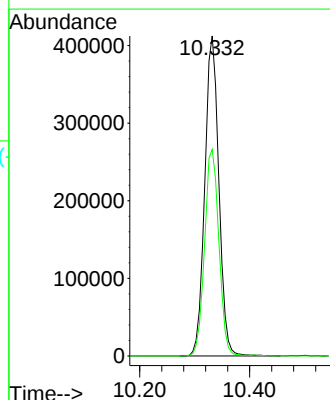
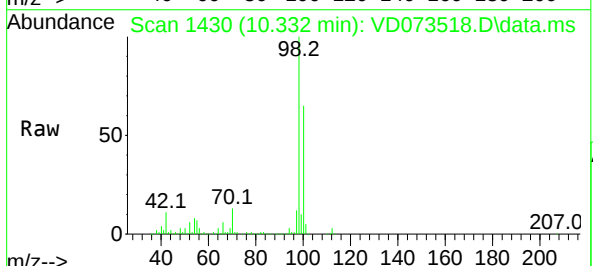
Acq: 09 Jun 2022 20:15

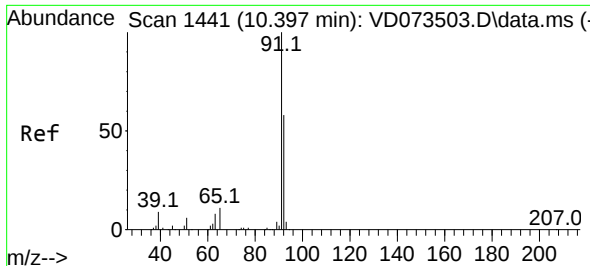
Tgt Ion: 98 Resp: 732562

Ion Ratio Lower Upper

98 100

100 65.7 52.4 78.6

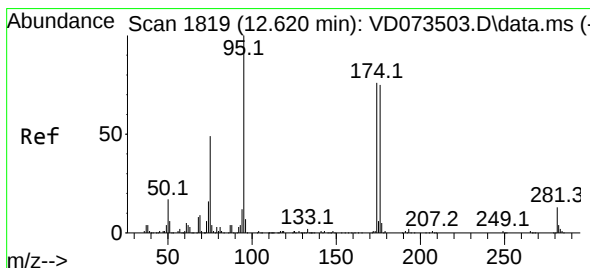
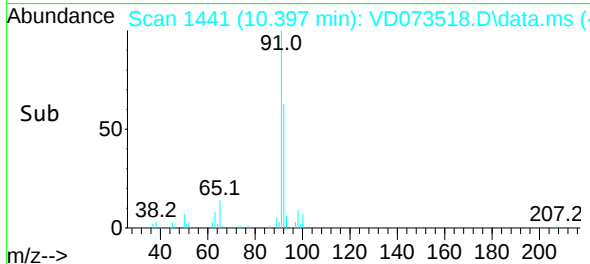
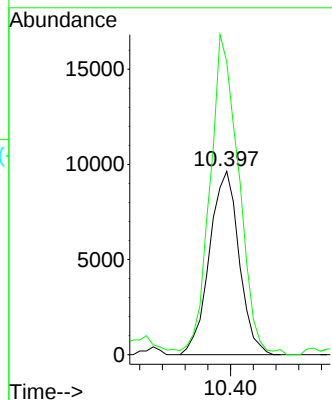
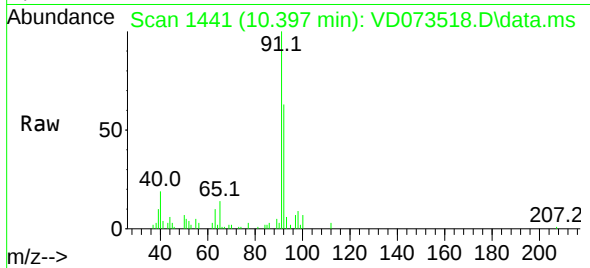




#52
Toluene
Concen: 1.724 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

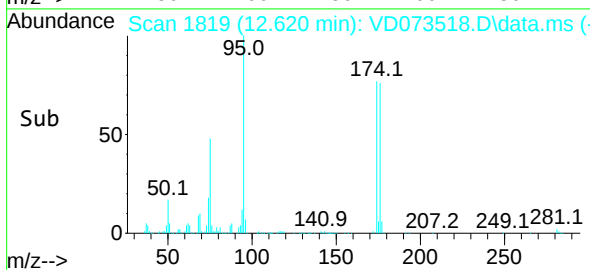
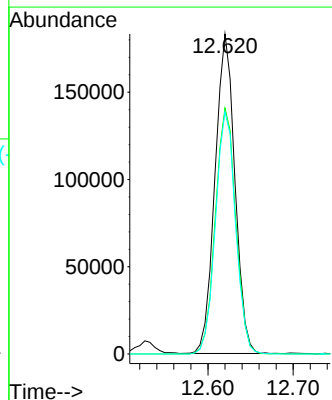
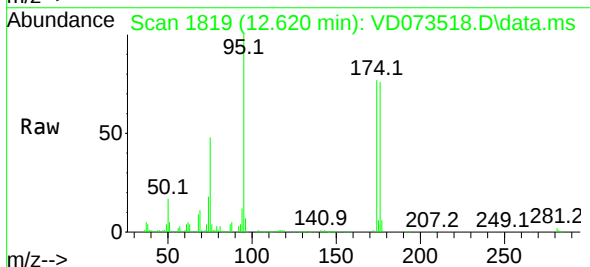
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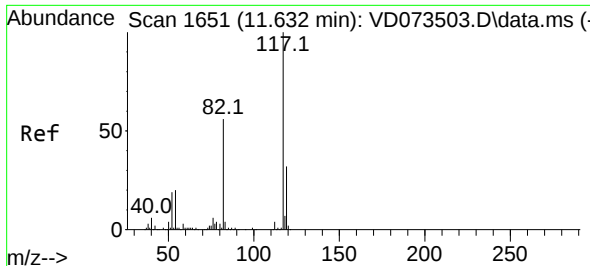
Tgt Ion: 92 Resp: 17452
Ion Ratio Lower Upper
92 100
91 168.8 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 59.793 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

Tgt Ion: 95 Resp: 296566
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.4 0.0 145.4

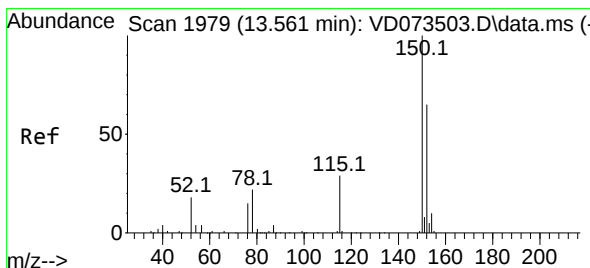
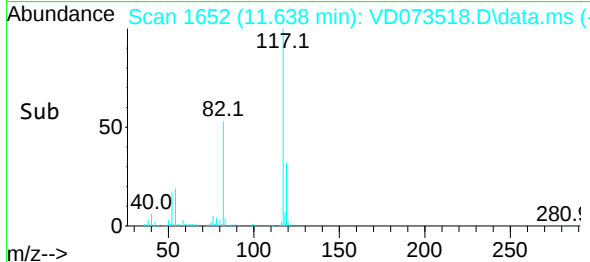
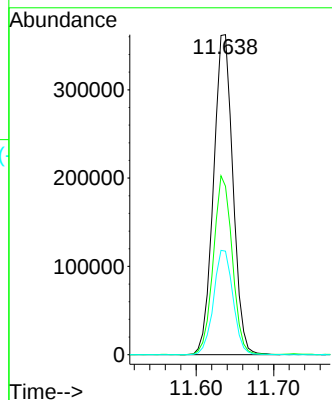
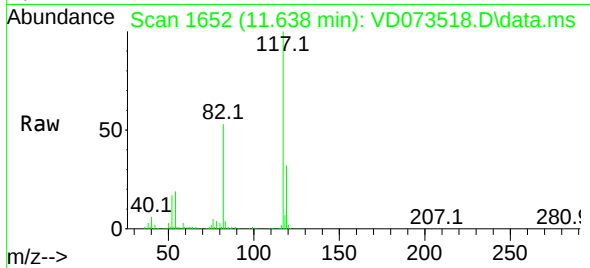




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073518.D
Acq: 09 Jun 2022 20:15

Instrument :
MSVOA_D
ClientSampleId :
TP-2-1-5FTRE

Tgt Ion:117 Resp: 630652
Ion Ratio Lower Upper
117 100
82 52.7 45.3 67.9
119 32.3 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: VD073518.D
Acq: 09 Jun 2022 20:15

Tgt Ion:152 Resp: 291994
Ion Ratio Lower Upper
152 100
115 57.8 31.3 93.8
150 155.1 0.0 348.6

