

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060622\
 Data File : VD073486.D
 Acq On : 06 Jun 2022 20:45
 Operator : VA/SY
 Sample : N3201-03
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 21500

Quant Time: Jun 07 01:14:39 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)

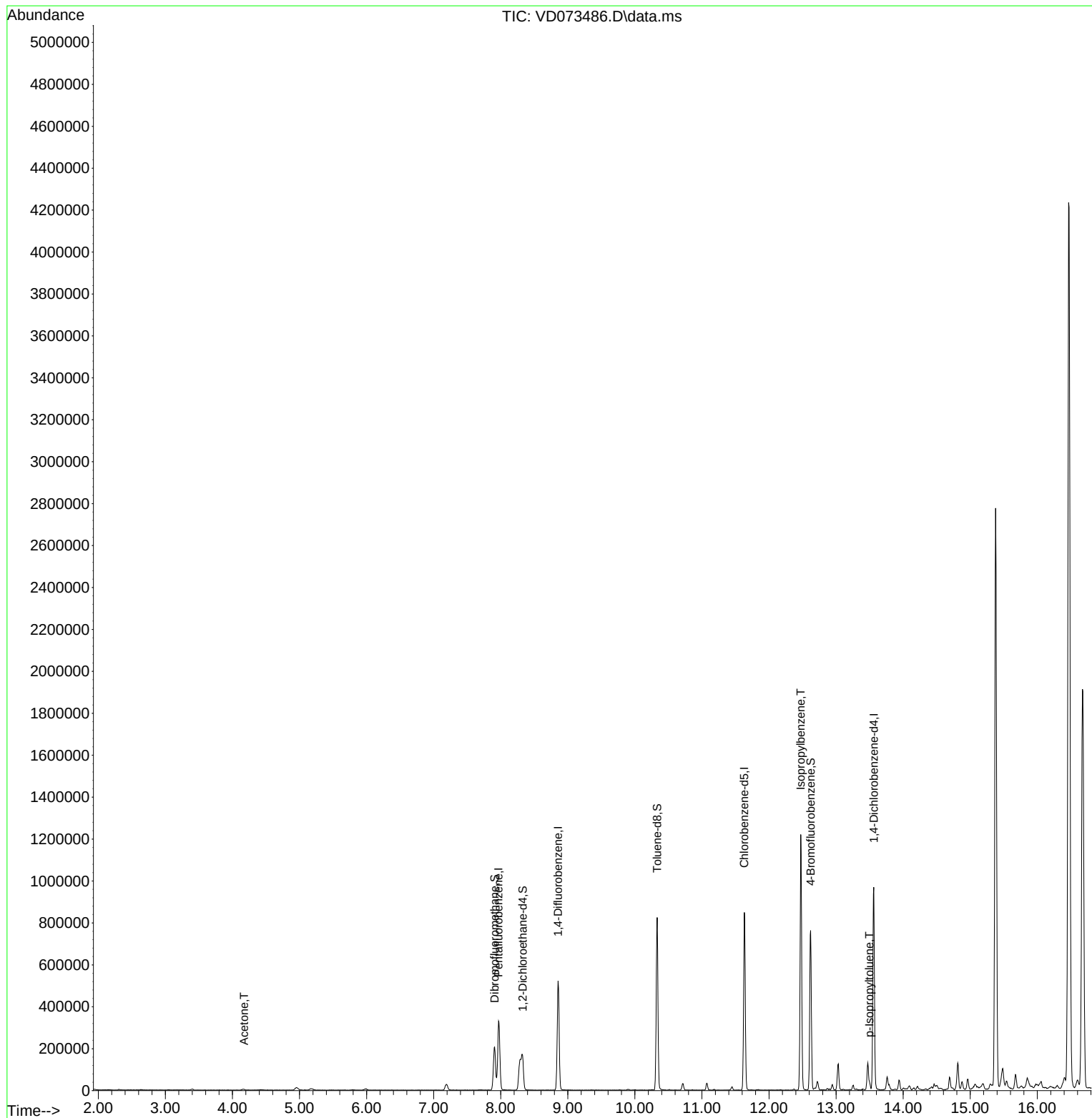
Internal Standards						
1) Pentafluorobenzene	7.967	168	239520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	448779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	498629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	129285	48.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.680%
35) Dibromofluoromethane	7.909	113	149981	50.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.332	98	556367	50.967	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.940%
62) 4-Bromofluorobenzene	12.620	95	252129	65.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.620%
Target Compounds						
					Qvalue	
16) Acetone	4.173	43	7737	16.875	ug/l	89
73) Isopropylbenzene	12.473	105	53853	2.856	ug/l #	68
86) p-Isopropyltoluene	13.496	119	20482	1.222	ug/l #	72

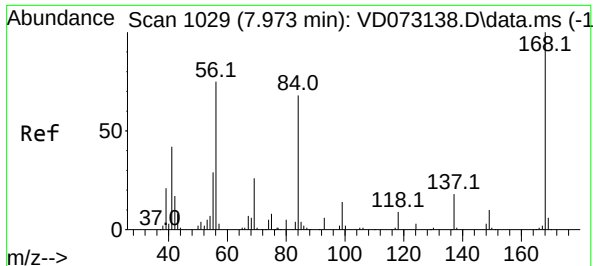
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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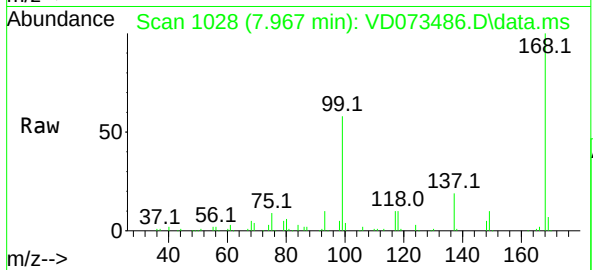
Quant Time: Jun 07 01:14:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



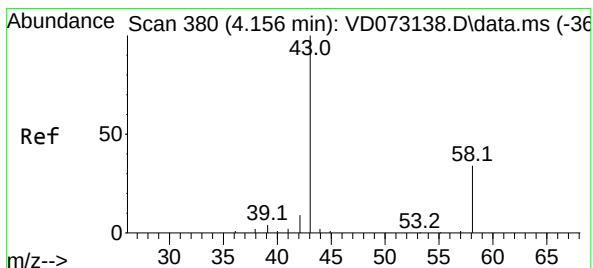
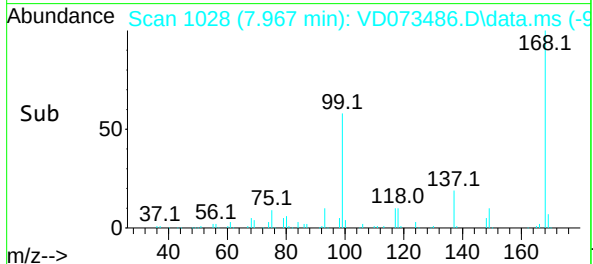
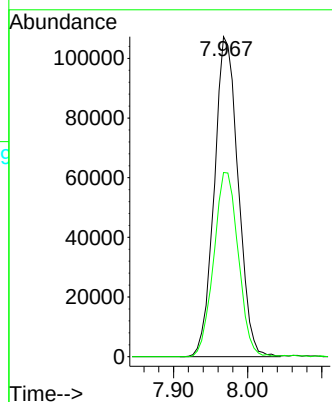


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

Instrument :
MSVOA_D
ClientSampleId :
21500

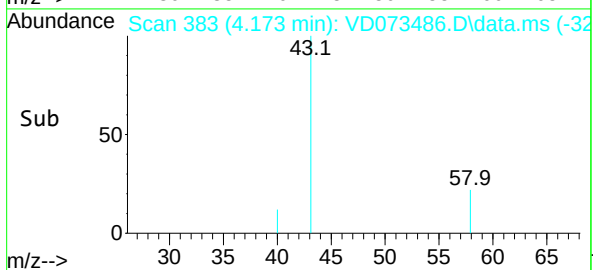
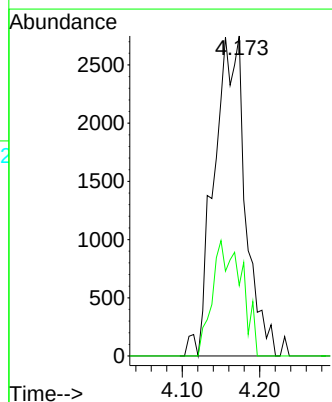
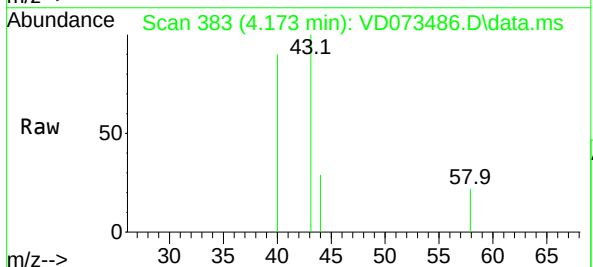


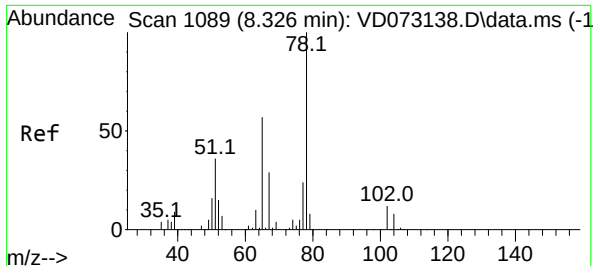
Tgt Ion:168 Resp: 239520
Ion Ratio Lower Upper
168 100
99 57.6 49.8 74.6



#16
Acetone
Concen: 16.875 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.017 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

Tgt Ion: 43 Resp: 7737
Ion Ratio Lower Upper
43 100
58 22.1 22.1 33.1





#33

1,2-Dichloroethane-d4

Concen: 48.841 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073486.D

Acq: 06 Jun 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

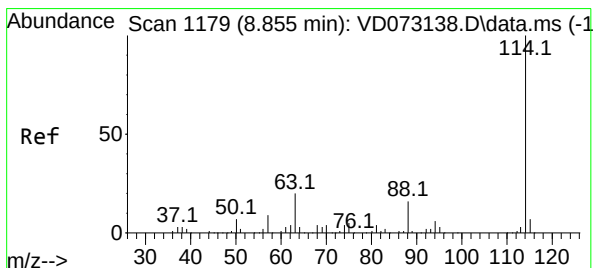
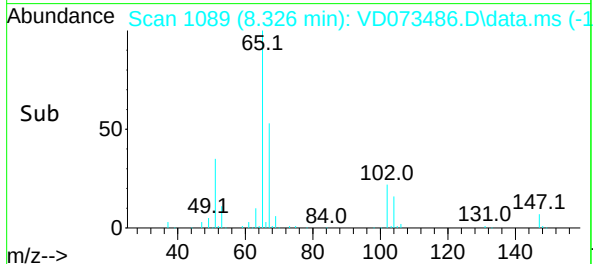
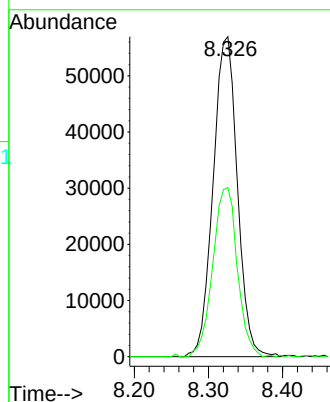
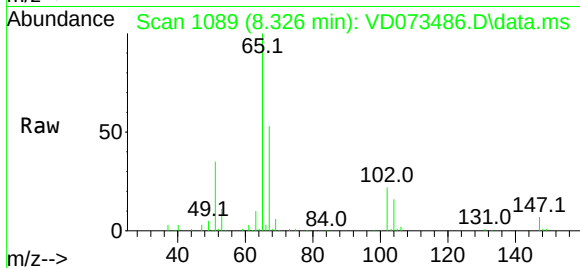
21500

Tgt Ion: 65 Resp: 129285

Ion Ratio Lower Upper

65 100

67 53.6 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: VD073486.D

Acq: 06 Jun 2022 20:45

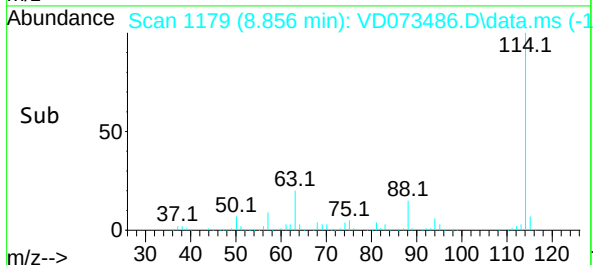
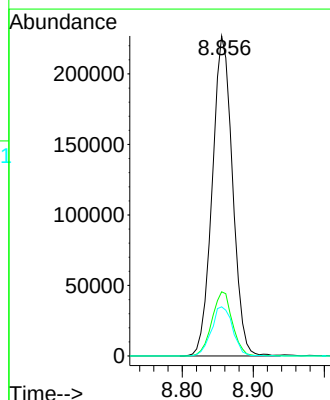
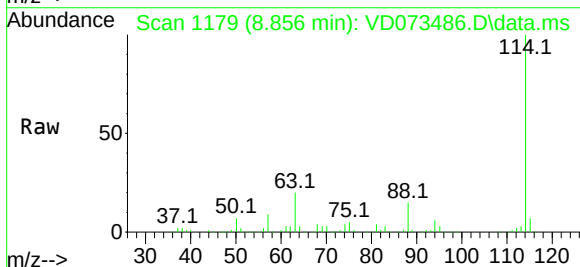
Tgt Ion: 114 Resp: 448779

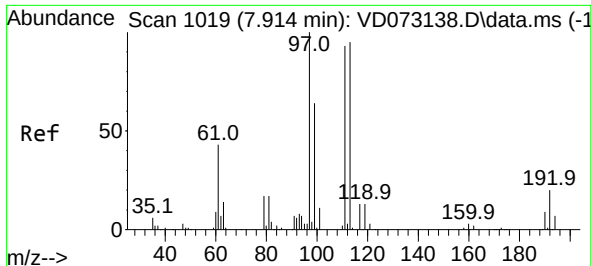
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.646 ug/l

RT: 7.909 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD073486.D

Acq: 06 Jun 2022 20:45

Instrument :

MSVOA_D

ClientSampleId :

21500

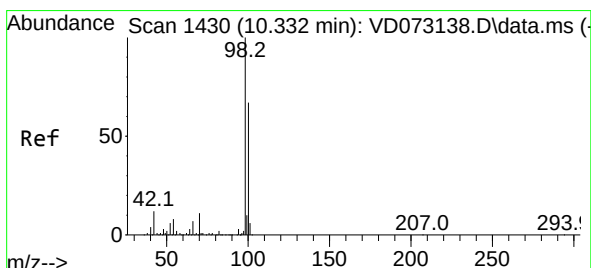
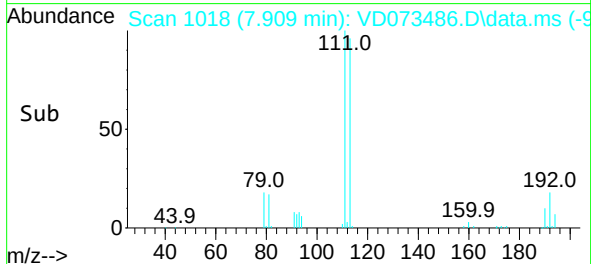
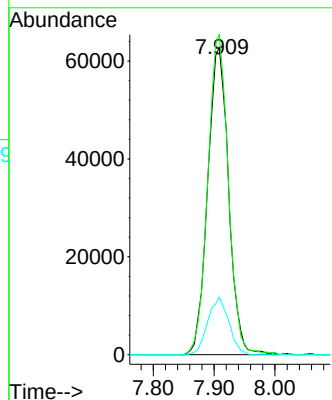
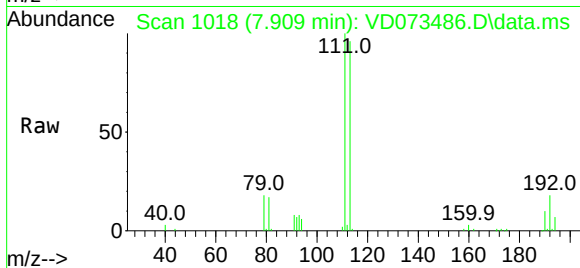
Tgt Ion:113 Resp: 149981

Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 18.8 14.6 21.8



#50

Toluene-d8

Concen: 50.967 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073486.D

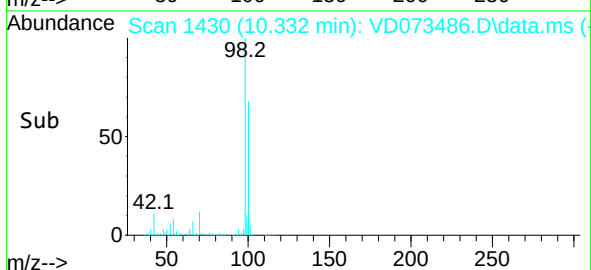
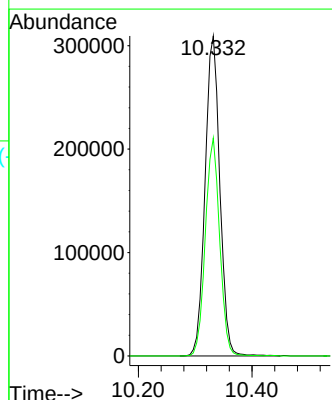
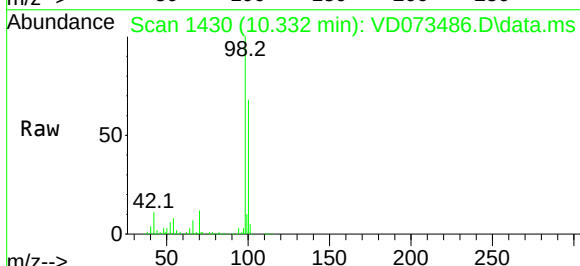
Acq: 06 Jun 2022 20:45

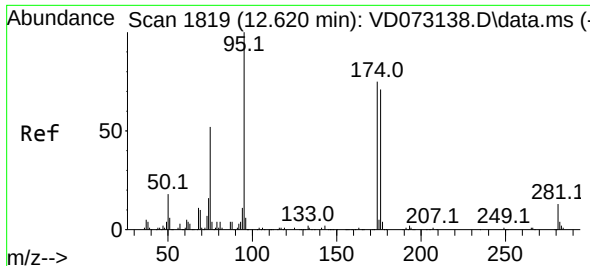
Tgt Ion: 98 Resp: 556367

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

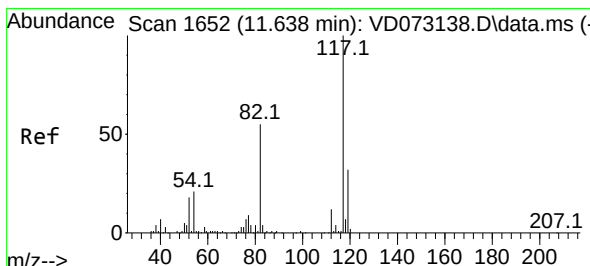
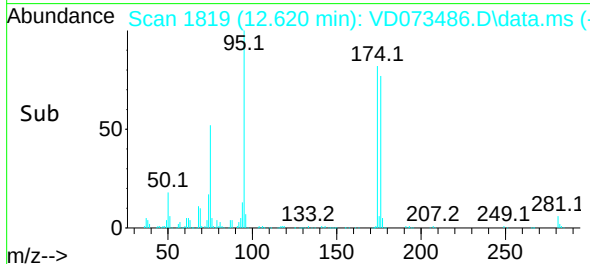
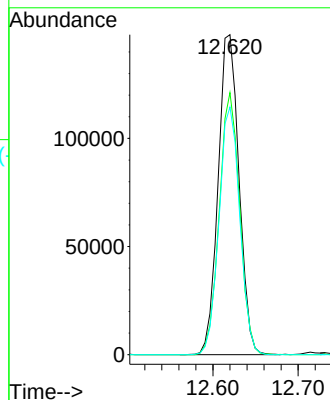
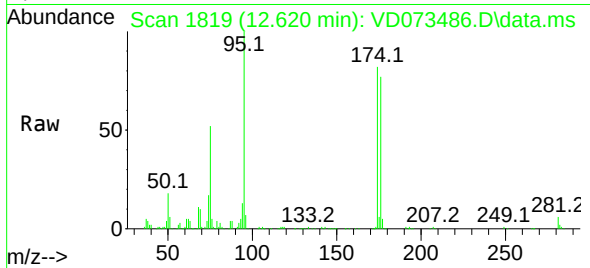




#62
4-Bromofluorobenzene
Concen: 65.814 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

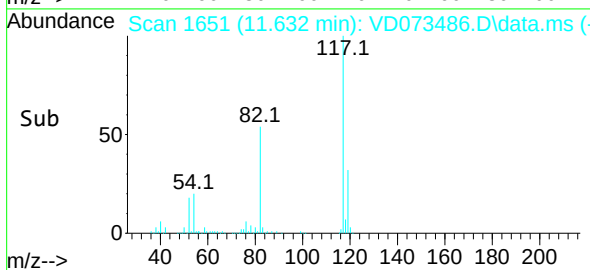
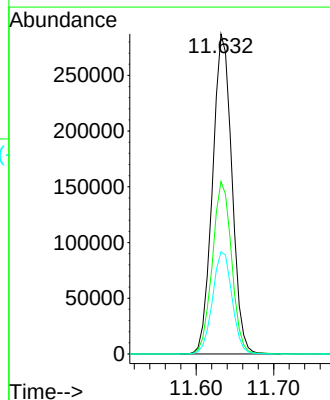
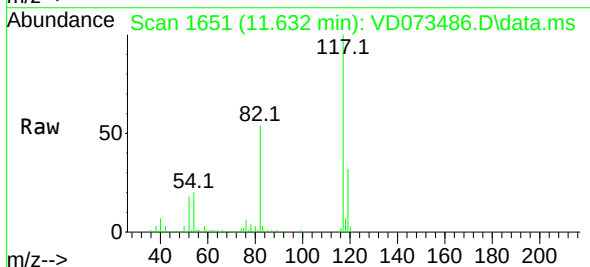
Instrument :
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ClientSampleId :
21500

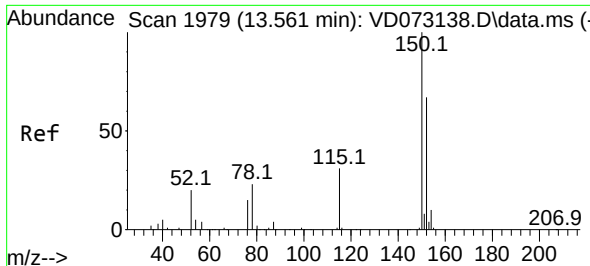
Tgt Ion: 95 Resp: 252129
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 77.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

Tgt Ion: 117 Resp: 498629
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.9 26.6 40.0

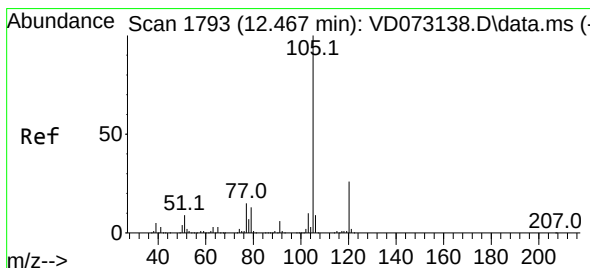
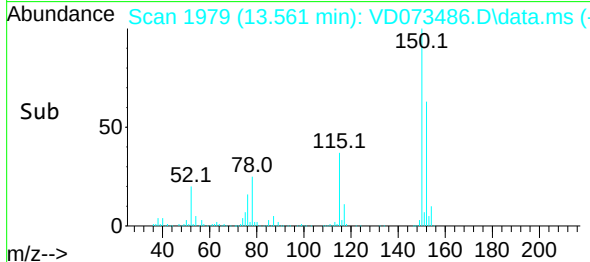
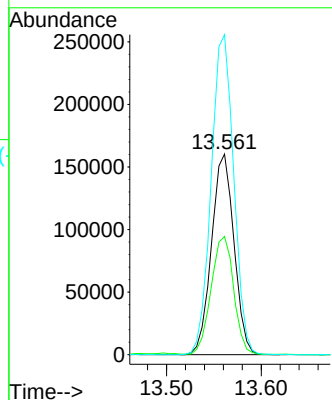
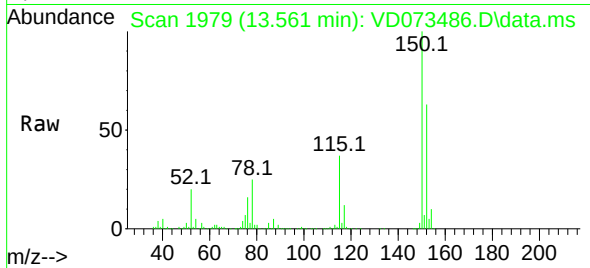




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

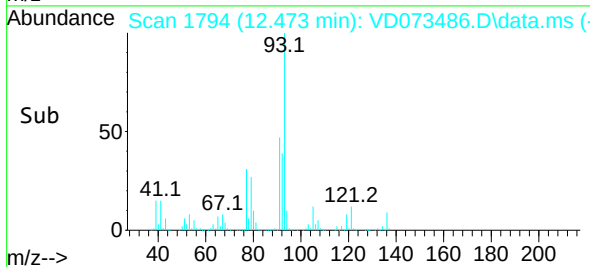
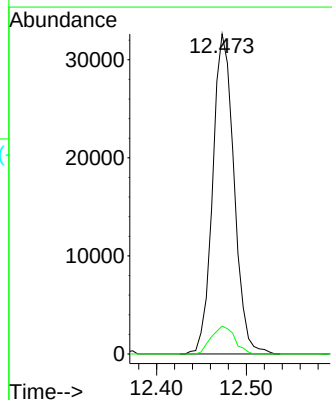
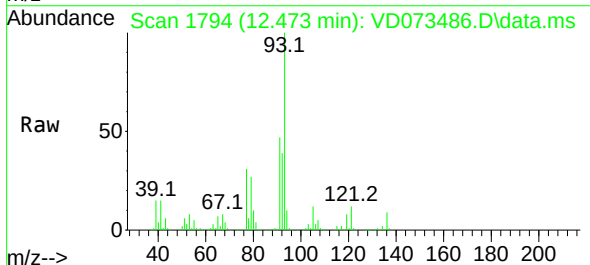
Instrument :
MSVOA_D
ClientSampleId :
21500

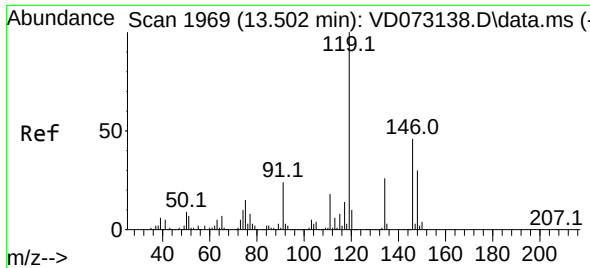
Tgt Ion:152 Resp: 264547
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 159.9 0.0 348.6



#73
Isopropylbenzene
Concen: 2.856 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD073486.D
Acq: 06 Jun 2022 20:45

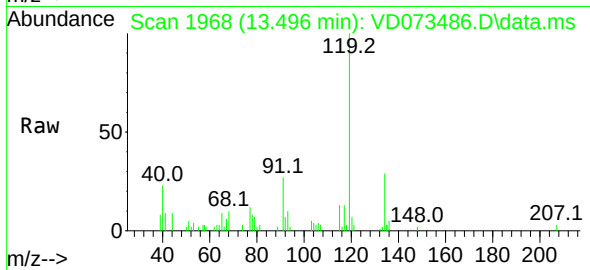
Tgt Ion:105 Resp: 53853
Ion Ratio Lower Upper
105 100
120 9.5 13.0 38.9#





#86
 p-Isopropyltoluene
 Concen: 1.222 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073486.D
 Acq: 06 Jun 2022 20:45

Instrument :
 MSVOA_D
 ClientSampleId :
 21500



Tgt Ion:119 Resp: 20482
 Ion Ratio Lower Upper
 119 100
 134 30.3 12.9 38.6
 91 0.0 12.1 36.3#

