

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072317.D
 Acq On : 19 Mar 2022 05:04
 Operator : VA/SY
 Sample : N1970-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-10-17-18

Quant Time: Mar 19 05:35:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

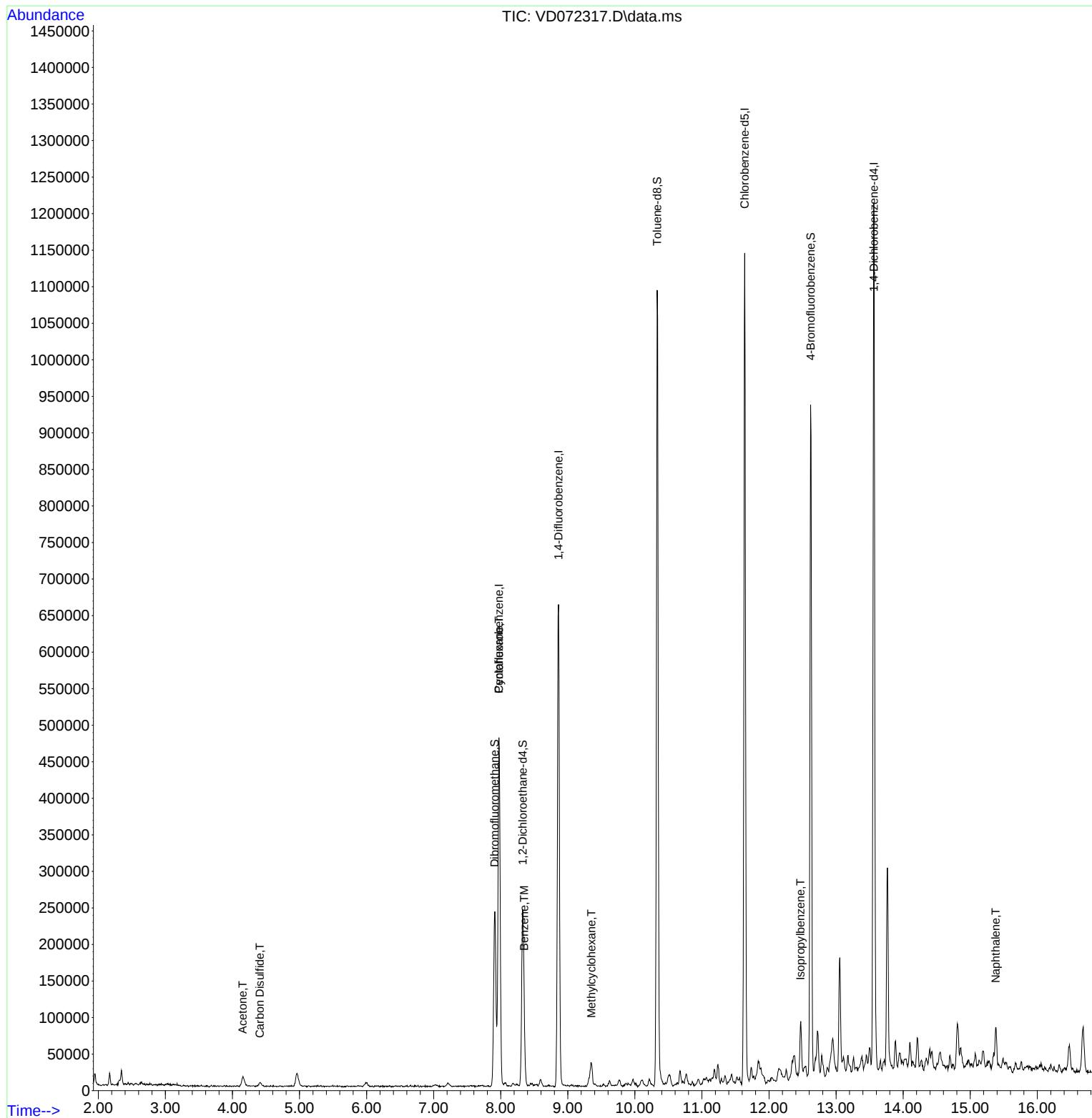
Internal Standards						
1) Pentafluorobenzene	7.973	168	343673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	568795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	636438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	317847	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	180054	47.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.909	113	178509	44.598	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.200%
50) Toluene-d8	10.332	98	719628	49.169	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.340%
62) 4-Bromofluorobenzene	12.620	95	317090	55.759	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.520%
Target Compounds						
					Qvalue	
16) Acetone	4.150	43	25691	30.894	ug/l	96
17) Carbon Disulfide	4.409	76	10483	2.881	ug/l #	78
31) Cyclohexane	7.973	56	10287	1.719	ug/l #	33
39) Methylcyclohexane	9.350	83	13542	2.143	ug/l	92
40) Benzene	8.350	78	55830	3.485	ug/l	96
73) Isopropylbenzene	12.467	105	33728	1.339	ug/l	99
95) Naphthalene	15.379	128	52340	4.427	ug/l	96

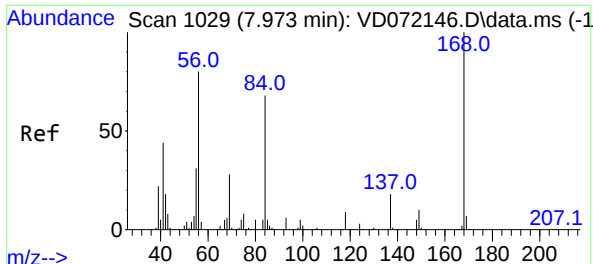
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

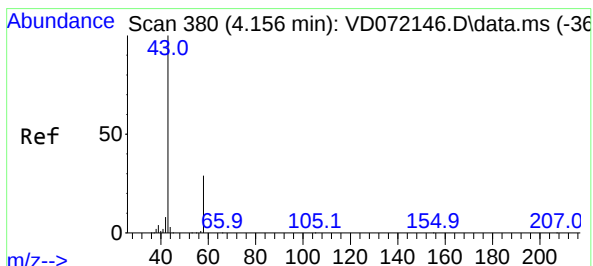
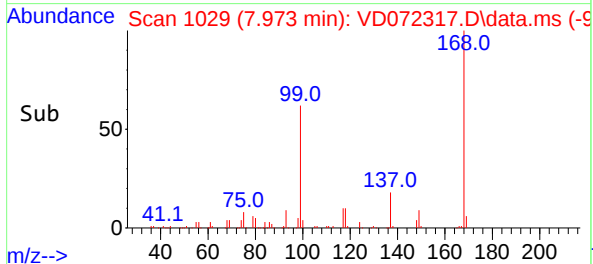
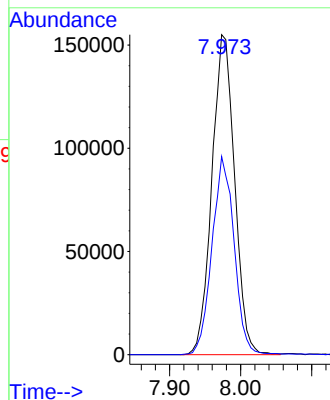
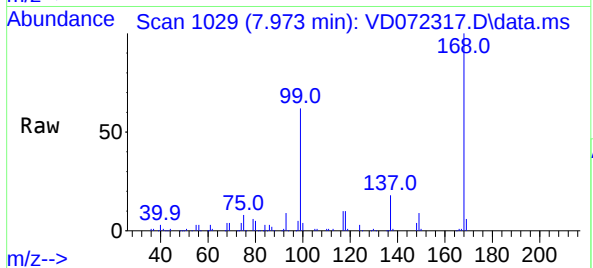




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

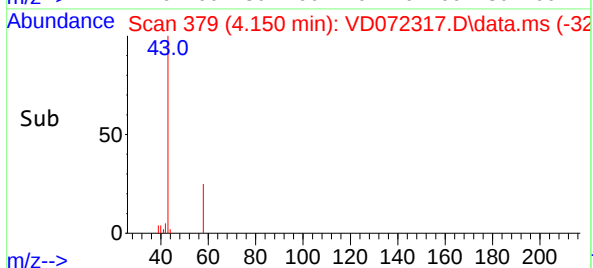
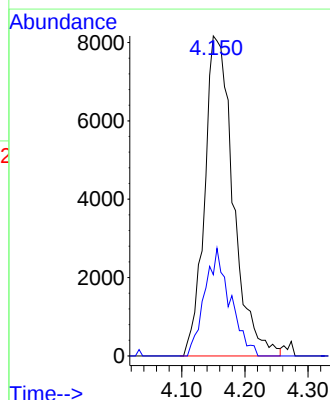
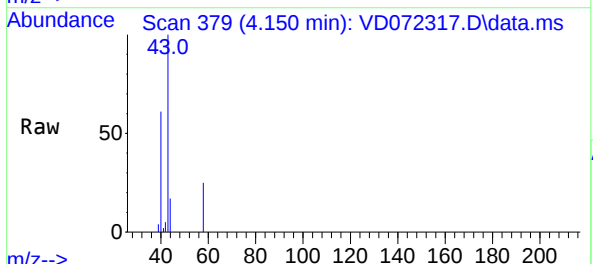
Instrument :
MSVOA_D
ClientSampleId :
G-3-10-17-18

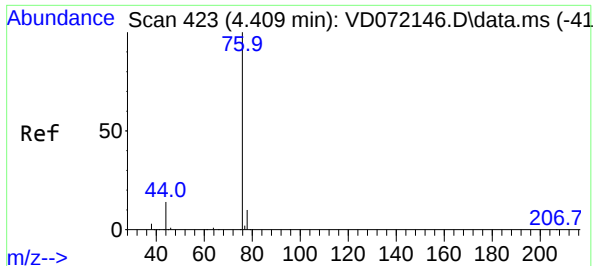
Tgt Ion:168 Resp: 343673
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#16
Acetone
Concen: 30.894 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

Tgt Ion: 43 Resp: 25691
Ion Ratio Lower Upper
43 100
58 25.4 22.1 33.1

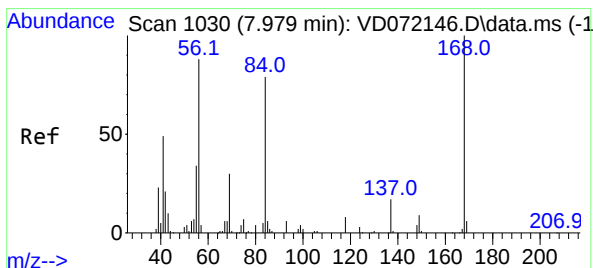
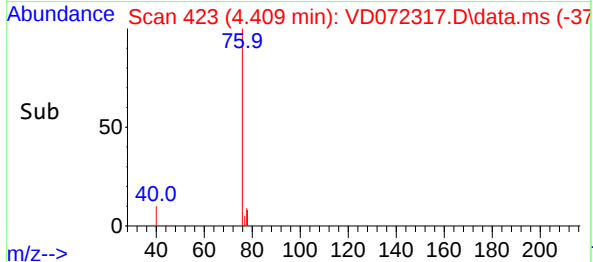
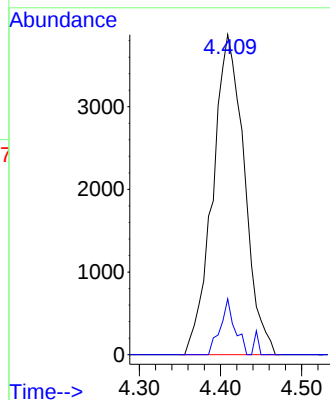
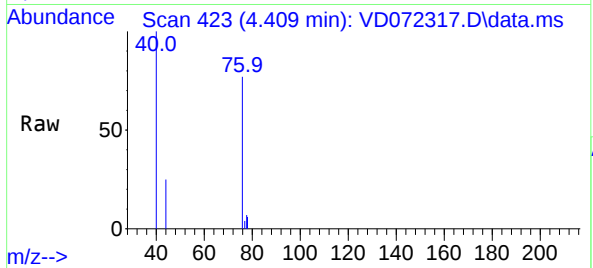




#17
Carbon Disulfide
Concen: 2.881 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

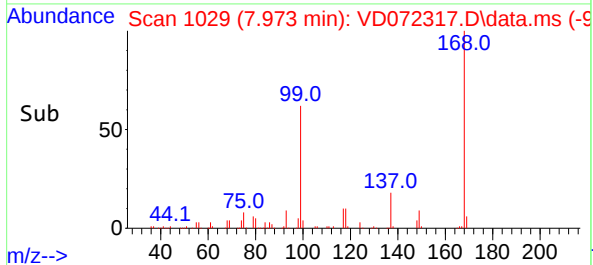
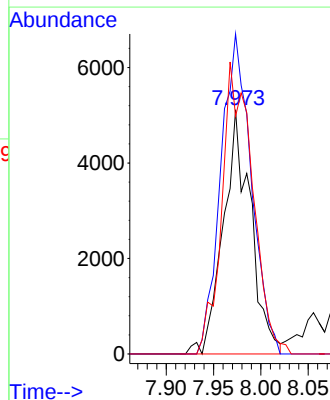
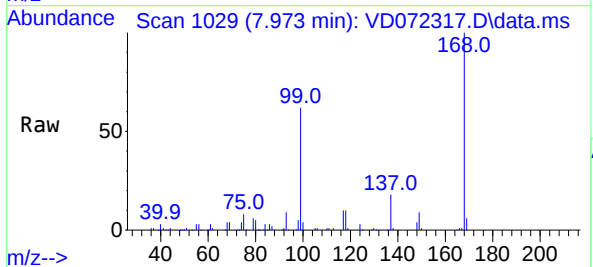
Instrument :
MSVOA_D
ClientSampleId :
G-3-10-17-18

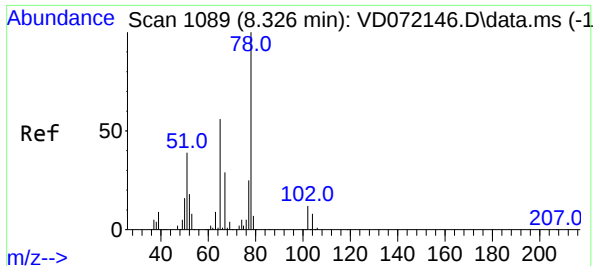
Tgt Ion: 76 Resp: 10483
Ion Ratio Lower Upper
76 100
78 17.5 7.5 11.3#



#31
Cyclohexane
Concen: 1.719 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

Tgt Ion: 56 Resp: 10287
Ion Ratio Lower Upper
56 100
69 131.1 25.4 38.2#
84 97.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 47.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072317.D

Acq: 19 Mar 2022 05:04

Instrument :

MSVOA_D

ClientSampleId :

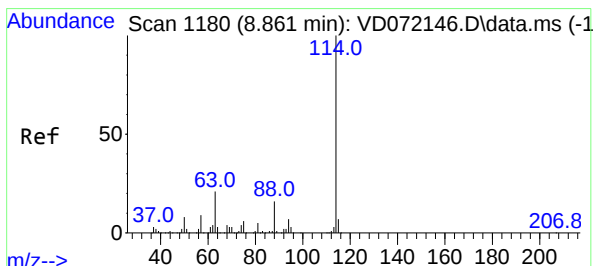
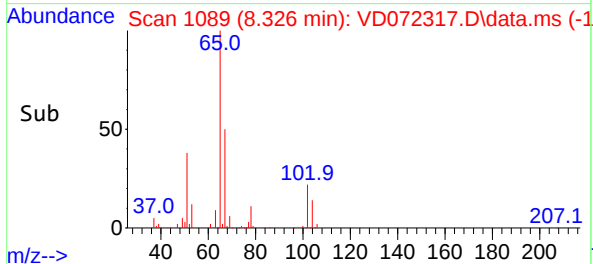
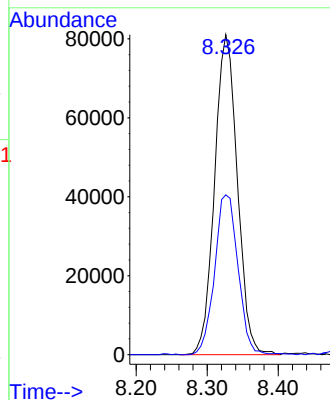
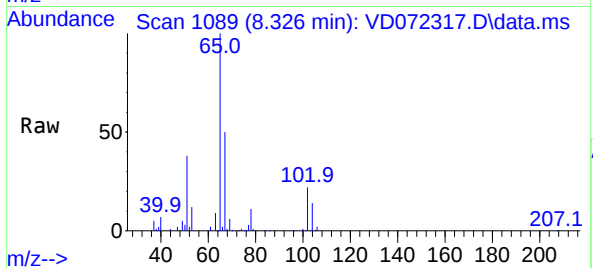
G-3-10-17-18

Tgt Ion: 65 Resp: 180054

Ion Ratio Lower Upper

65 100

67 51.2 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: VD072317.D

Acq: 19 Mar 2022 05:04

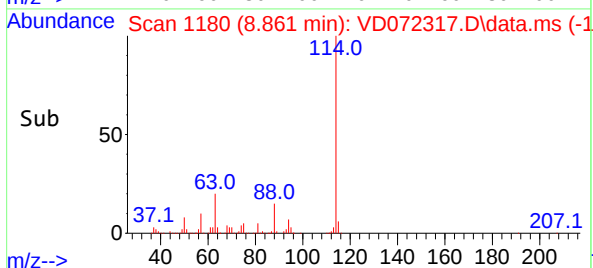
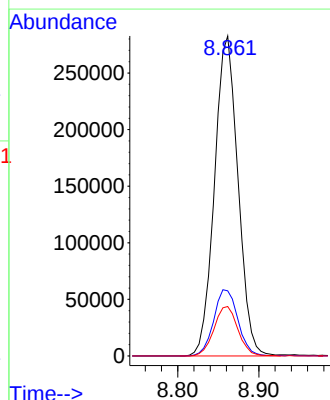
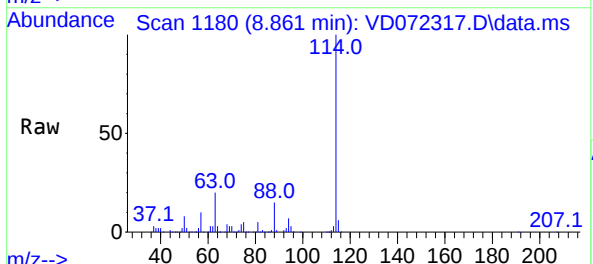
Tgt Ion: 114 Resp: 568795

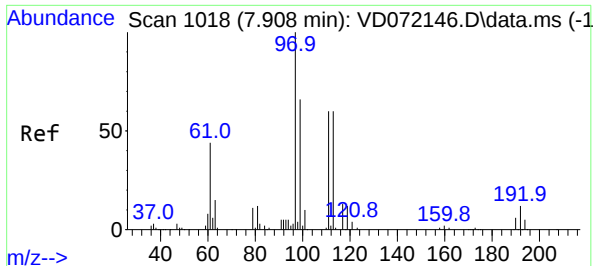
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.4 0.0 33.2

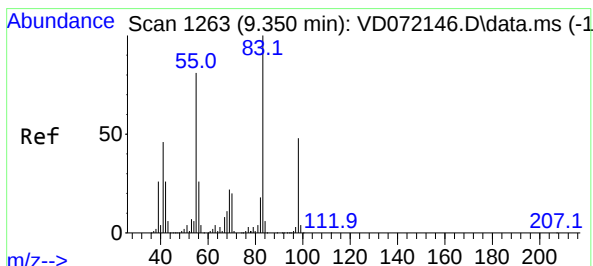
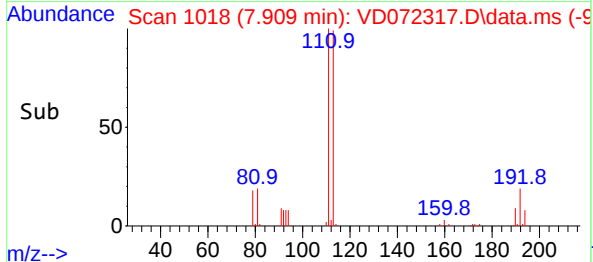
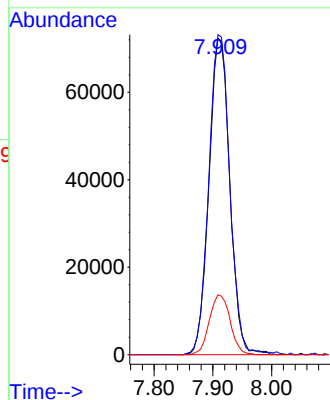
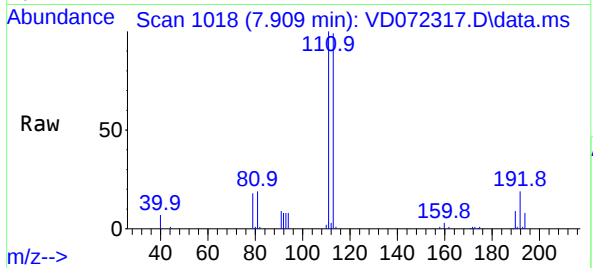




#35
Dibromofluoromethane
Concen: 44.598 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

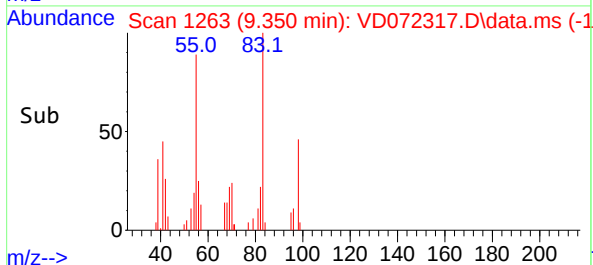
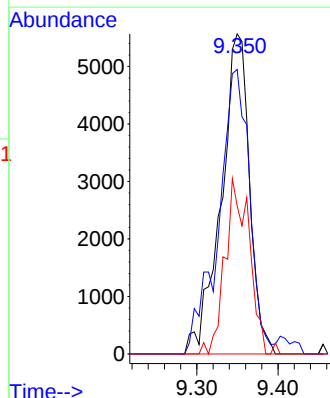
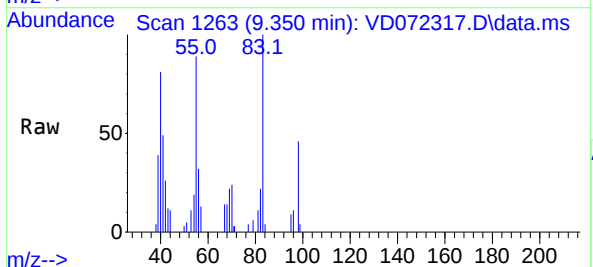
Instrument :
MSVOA_D
ClientSampleId :
G-3-10-17-18

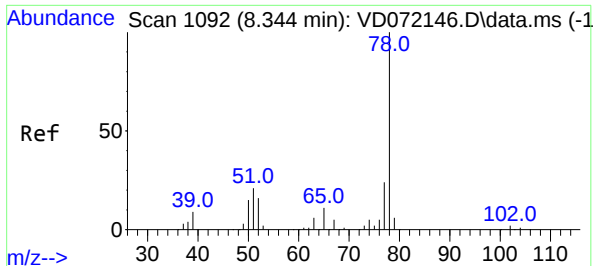
Tgt Ion:113 Resp: 178509
Ion Ratio Lower Upper
113 100
111 101.7 83.8 125.6
192 18.9 14.6 21.8



#39
Methylcyclohexane
Concen: 2.143 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

Tgt Ion: 83 Resp: 13542
Ion Ratio Lower Upper
83 100
55 88.9 63.2 94.8
98 46.3 38.2 57.4

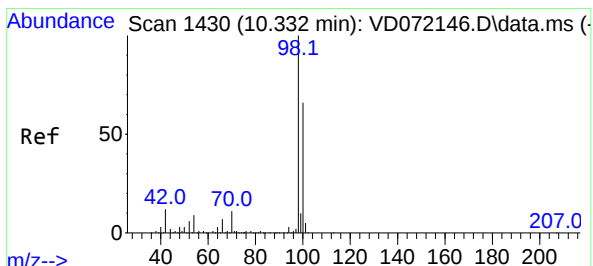
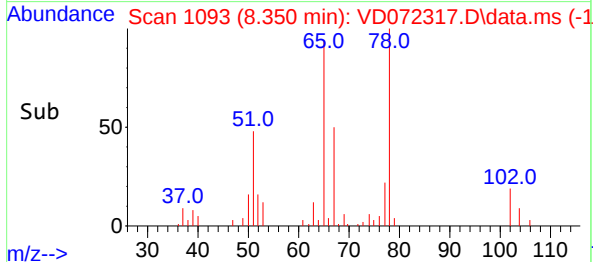
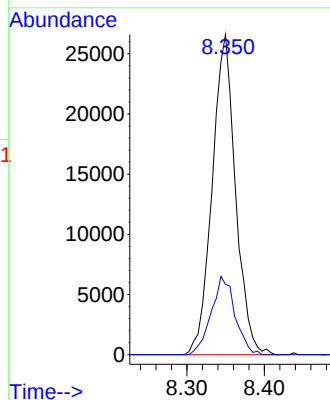
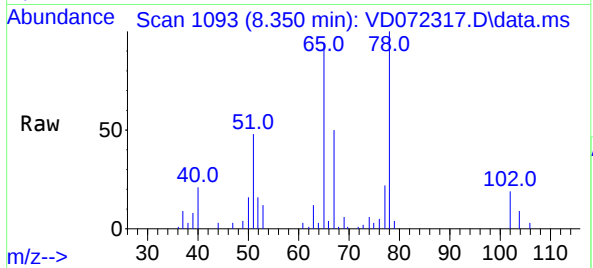




#40
Benzene
Concen: 3.485 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

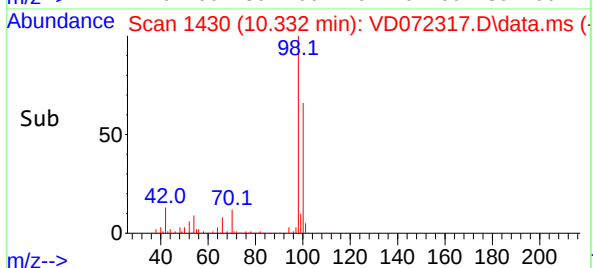
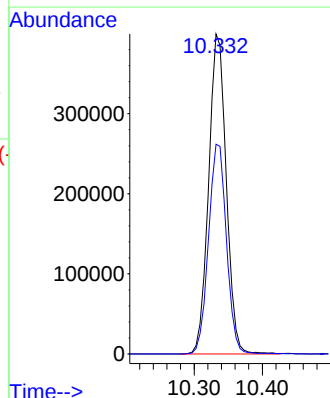
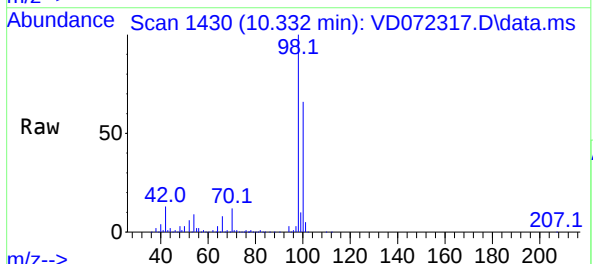
Instrument :
MSVOA_D
ClientSampleId :
G-3-10-17-18

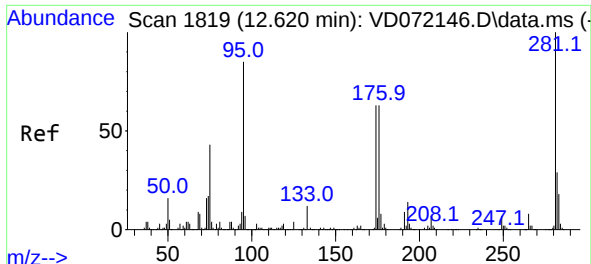
Tgt Ion: 78 Resp: 55830
Ion Ratio Lower Upper
78 100
77 21.9 19.1 28.7



#50
Toluene-d8
Concen: 49.169 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

Tgt Ion: 98 Resp: 719628
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 55.759 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.000 min

Lab File: VD072317.D

Acq: 19 Mar 2022 05:04

Instrument :

MSVOA_D

ClientSampleId :

G-3-10-17-18

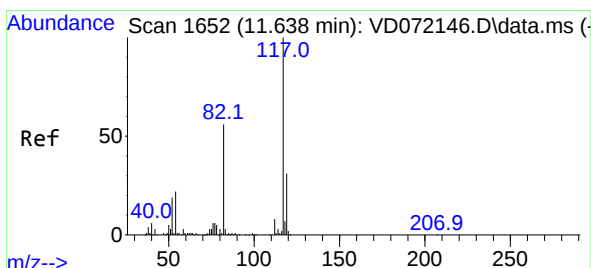
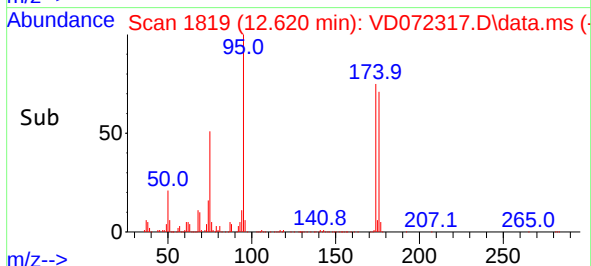
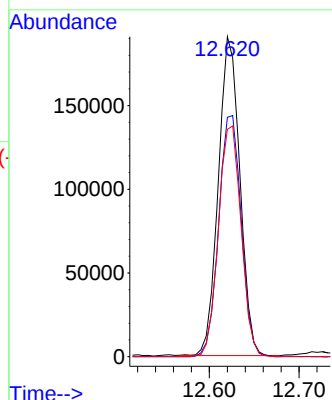
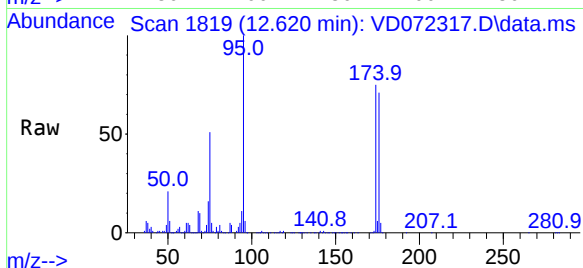
Tgt Ion: 95 Resp: 317090

Ion Ratio Lower Upper

95 100

174 79.3 0.0 152.8

176 76.0 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1652

Delta R.T. 0.000 min

Lab File: VD072317.D

Acq: 19 Mar 2022 05:04

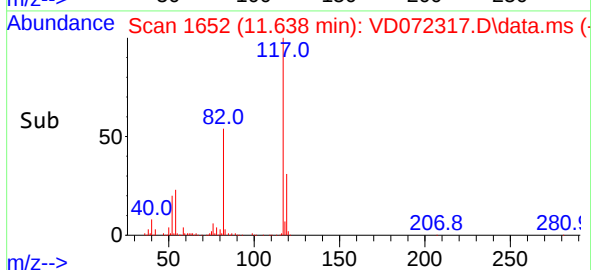
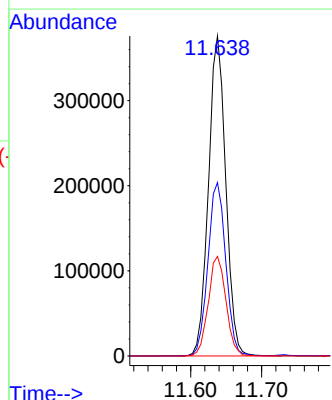
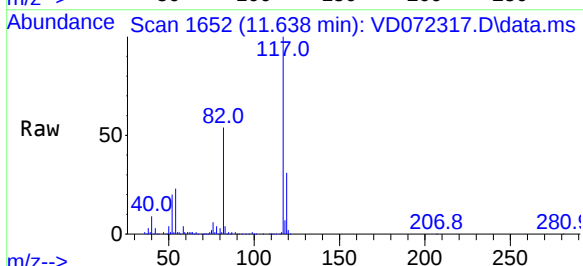
Tgt Ion: 117 Resp: 636438

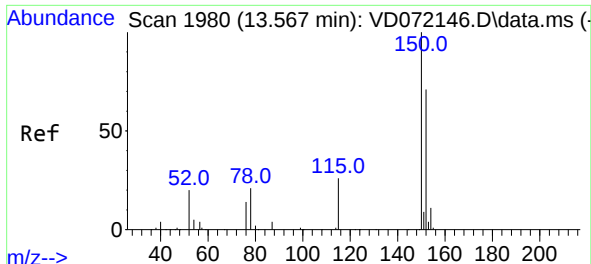
Ion Ratio Lower Upper

117 100

82 54.1 45.3 67.9

119 31.1 26.6 40.0

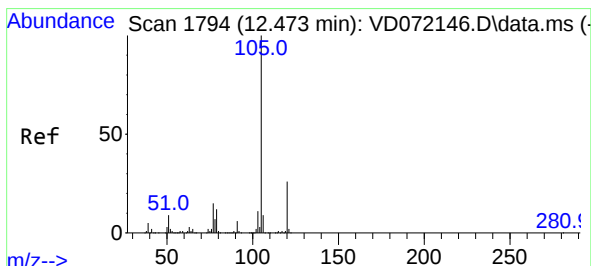
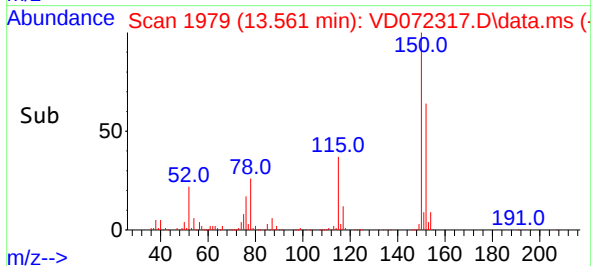
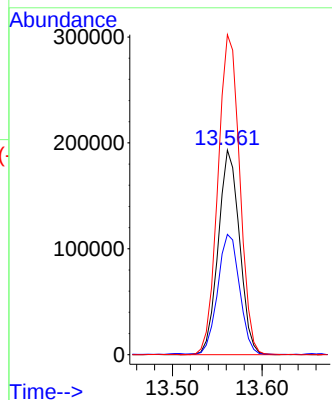
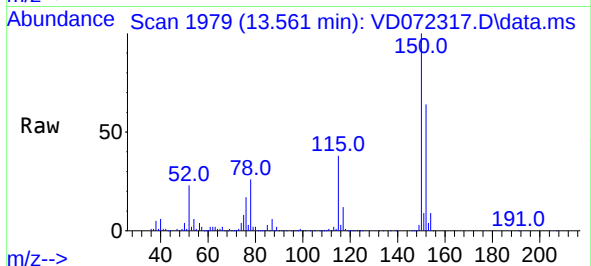




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

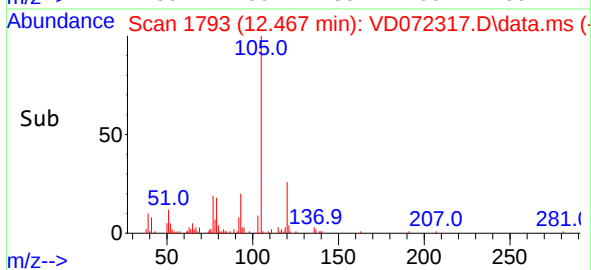
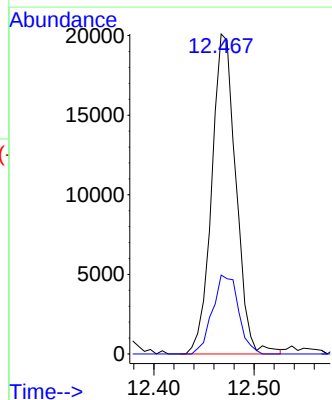
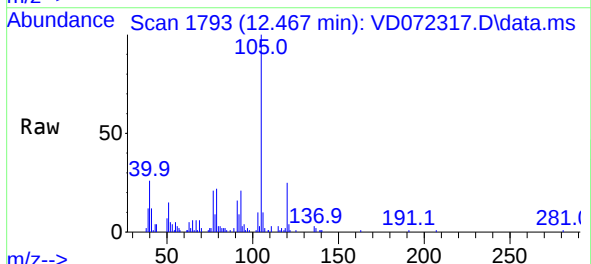
Instrument :
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G-3-10-17-18

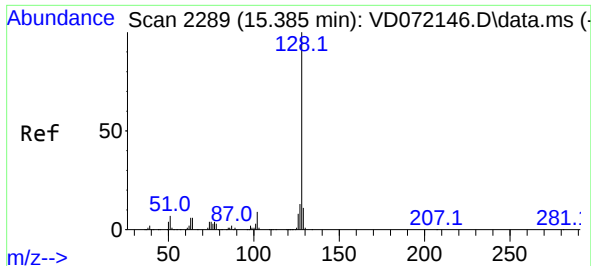
Tgt Ion:152 Resp: 317847
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 160.3 0.0 348.6



#73
Isopropylbenzene
Concen: 1.339 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072317.D
Acq: 19 Mar 2022 05:04

Tgt Ion:105 Resp: 33728
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9





#95

Naphthalene

Concen: 4.427 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072317.D

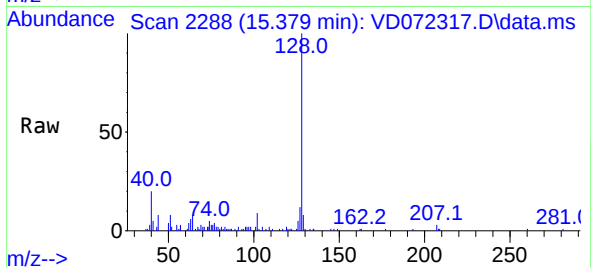
Acq: 19 Mar 2022 05:04

Instrument :

MSVOA_D

ClientSampleId :

G-3-10-17-18



Tgt Ion:128 Resp: 52340

Ion Ratio Lower Upper

128 100

127 14.4 10.3 15.5

129 12.0 8.4 12.6

