

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
 Data File : VD072707.D
 Acq On : 25 Apr 2022 14:52
 Operator : VA/SY
 Sample : N2553-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 370

Quant Time: Apr 26 01:14:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

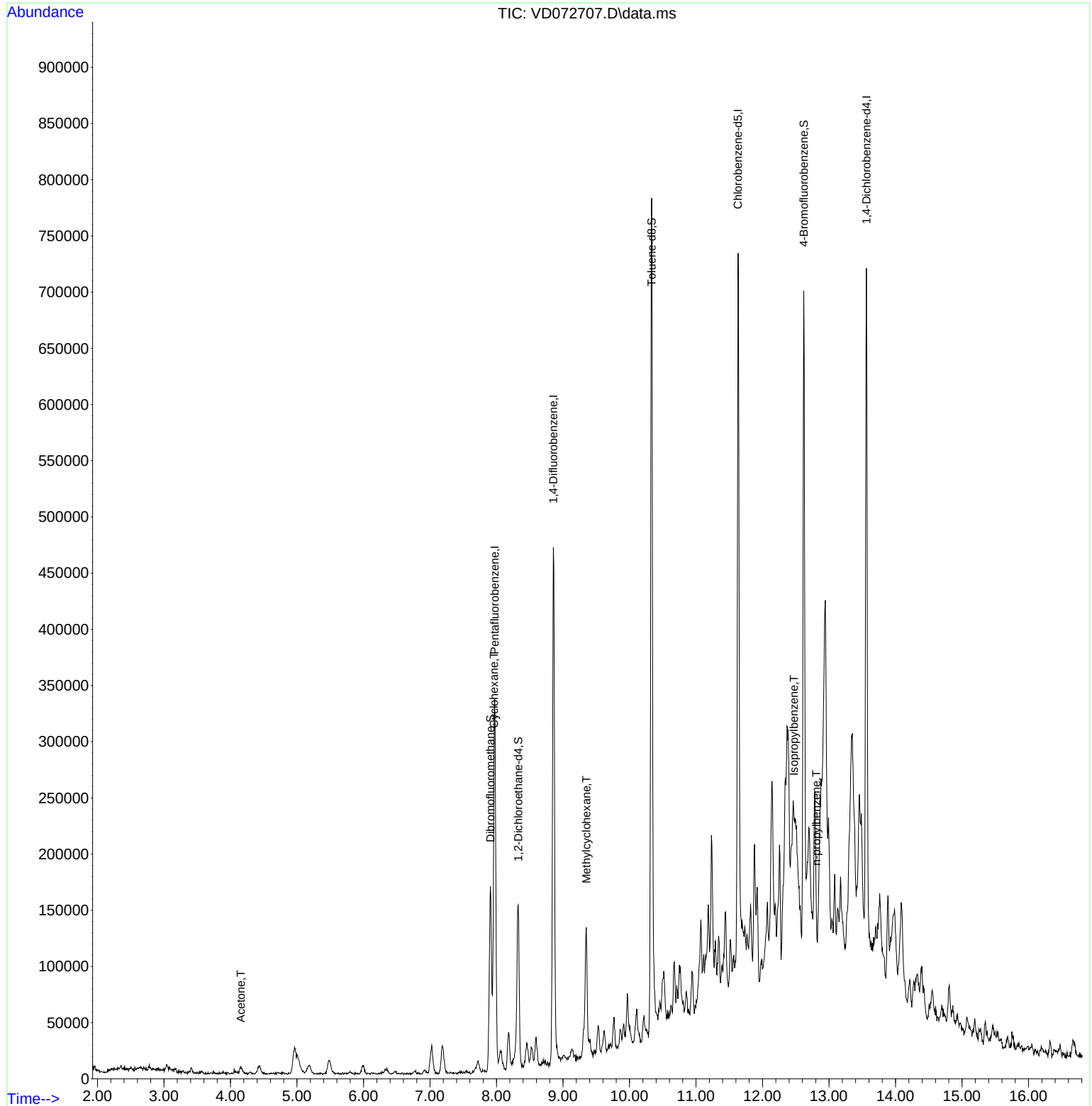
Internal Standards						
1) Pentafluorobenzene	7.973	168	223708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	391080	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	357984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	161051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	117516	43.425	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.840%		
35) Dibromofluoromethane	7.909	113	119303	39.254	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.500%		
50) Toluene-d8	10.332	98	470929	44.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.160%		
62) 4-Bromofluorobenzene	12.620	95	178483	43.259	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	86.520%		
Target Compounds						
16) Acetone	4.156	43	10992	21.783	ug/l #	79
31) Cyclohexane	7.961	56	20274	5.730	ug/l #	79
39) Methylcyclohexane	9.350	83	47661	12.807	ug/l	97
73) Isopropylbenzene	12.473	105	20456	1.573	ug/l	99
78) n-propylbenzene	12.808	91	16024	1.021	ug/l	93

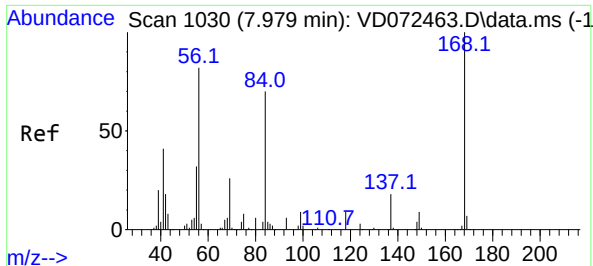
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042522\
Data File : VD072707.D
Acq On : 25 Apr 2022 14:52
Operator : VA/SY
Sample : N2553-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
370

Quant Time: Apr 26 01:14:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

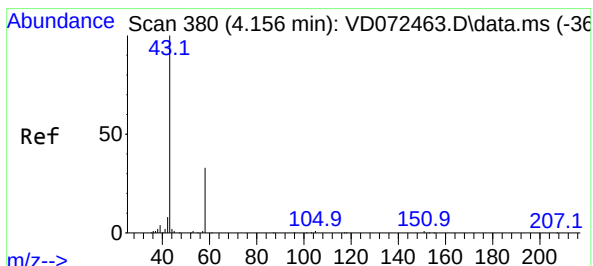
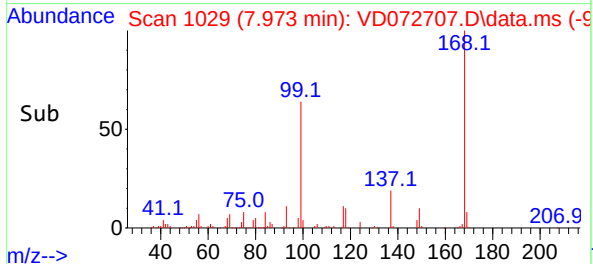
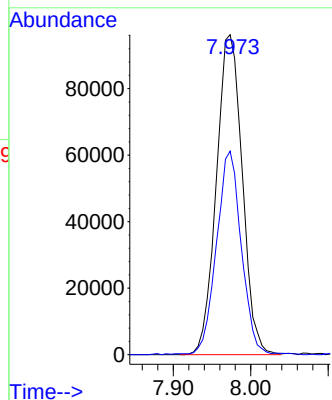
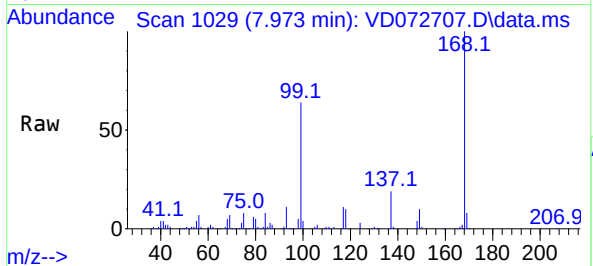




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

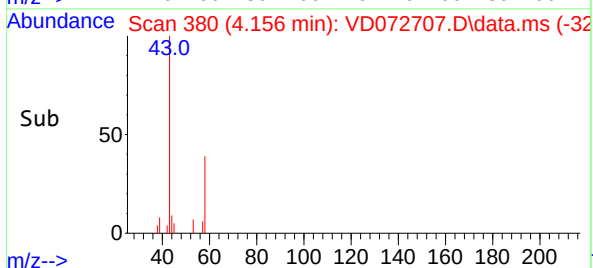
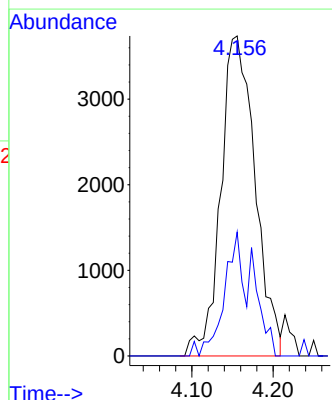
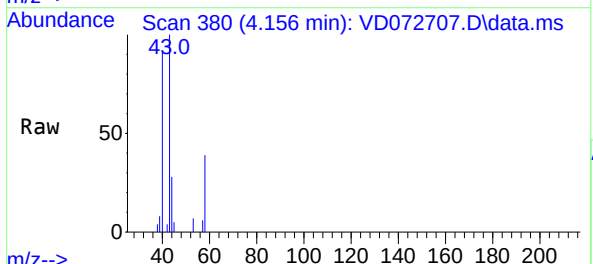
Instrument :
MSVOA_D
ClientSampleId :
370

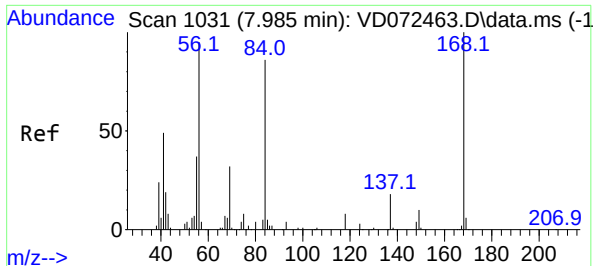
Tgt Ion:168 Resp: 223708
Ion Ratio Lower Upper
168 100
99 63.3 49.8 74.6



#16
Acetone
Concen: 21.783 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

Tgt Ion: 43 Resp: 10992
Ion Ratio Lower Upper
43 100
58 38.7 22.1 33.1#





#31

Cyclohexane

Concen: 5.730 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.023 min

Lab File: VD072707.D

Acq: 25 Apr 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

370

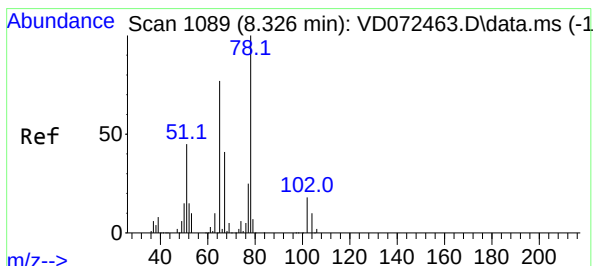
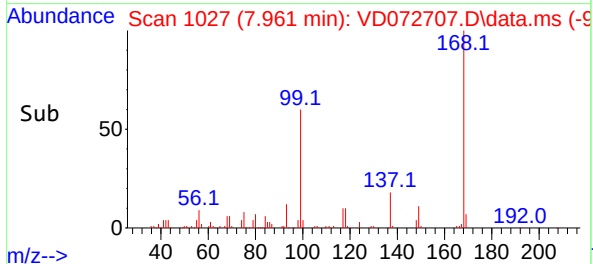
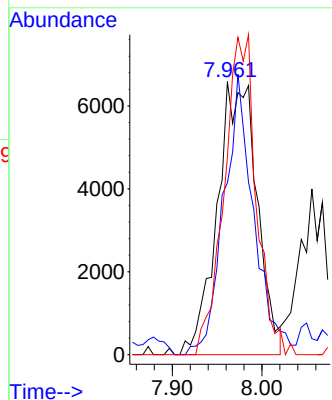
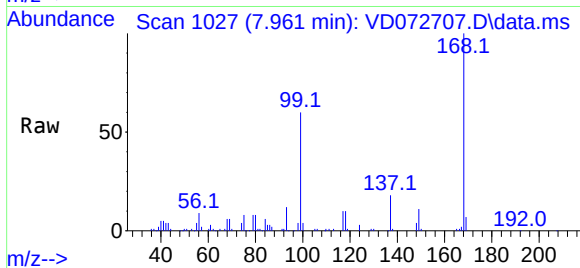
Tgt Ion: 56 Resp: 20274

Ion Ratio Lower Upper

56 100

69 62.9 25.4 38.2#

84 72.1 63.0 94.4



#33

1,2-Dichloroethane-d4

Concen: 43.425 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072707.D

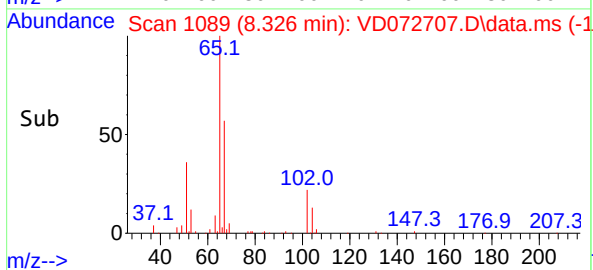
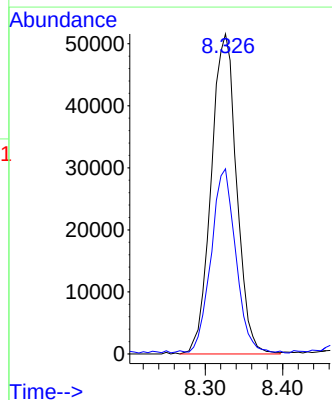
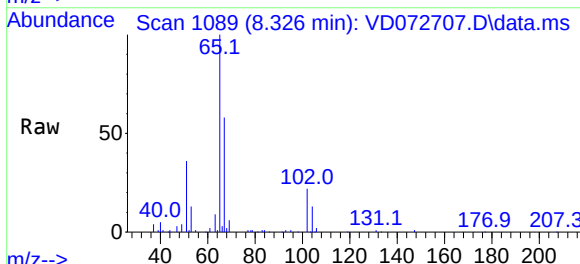
Acq: 25 Apr 2022 14:52

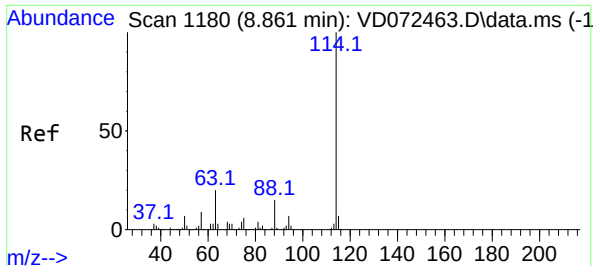
Tgt Ion: 65 Resp: 117516

Ion Ratio Lower Upper

65 100

67 56.1 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072707.D

Acq: 25 Apr 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

370

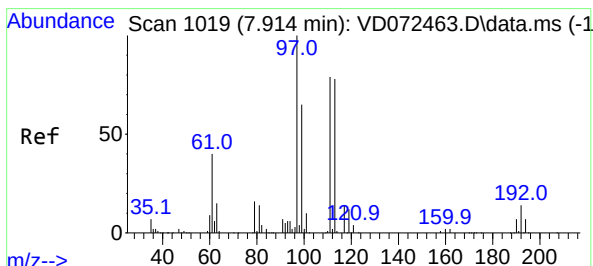
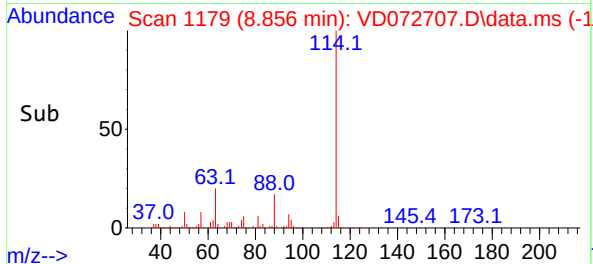
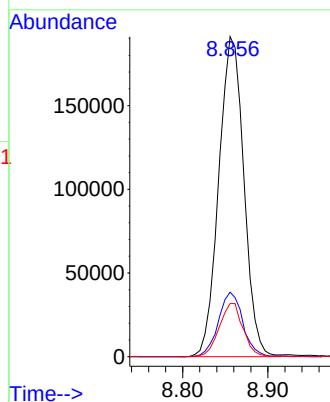
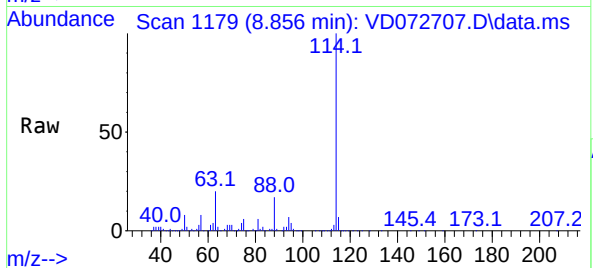
Tgt Ion:114 Resp: 391080

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 39.254 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072707.D

Acq: 25 Apr 2022 14:52

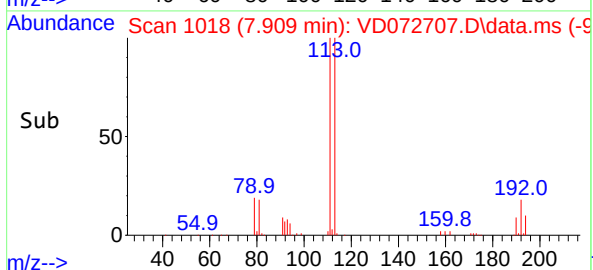
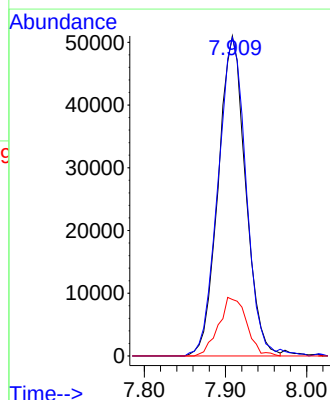
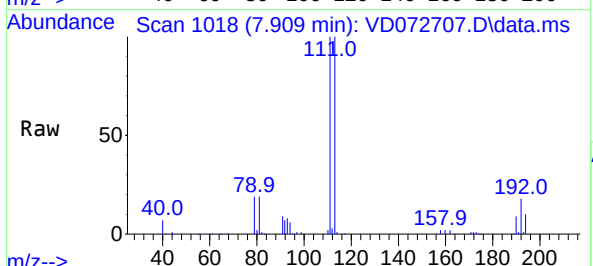
Tgt Ion:113 Resp: 119303

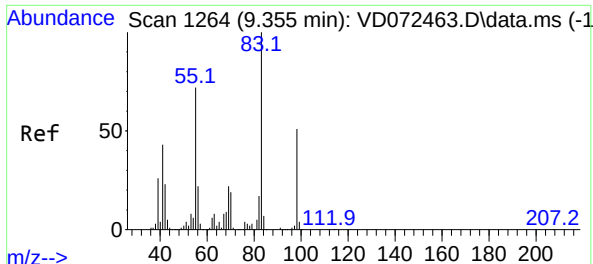
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.8 14.6 21.8

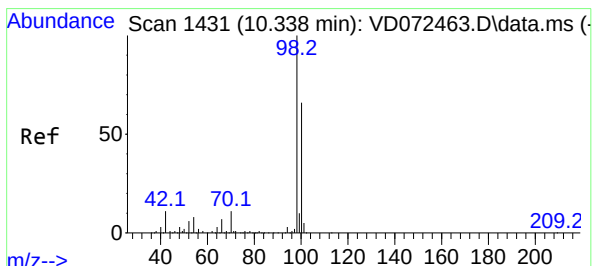
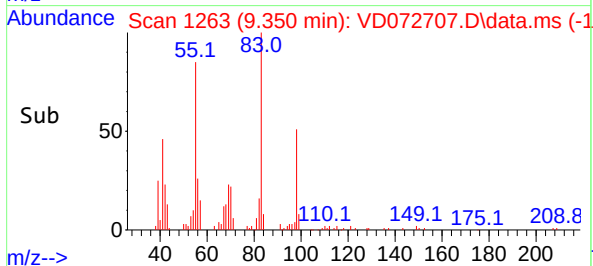
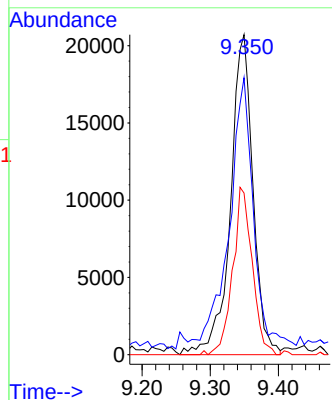
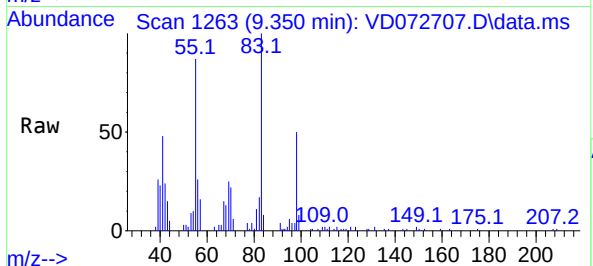




#39
Methylcyclohexane
Concen: 12.807 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

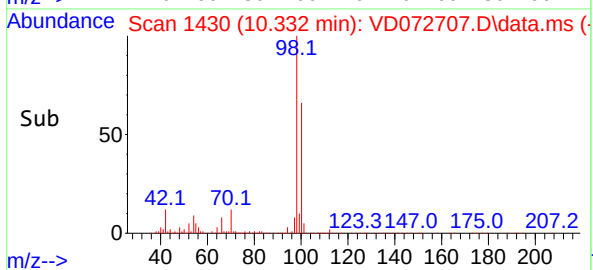
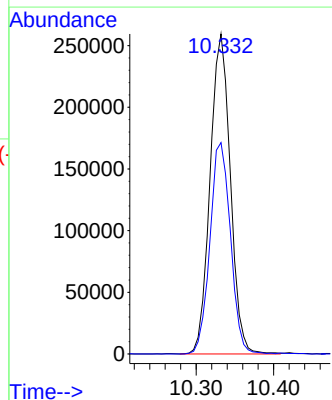
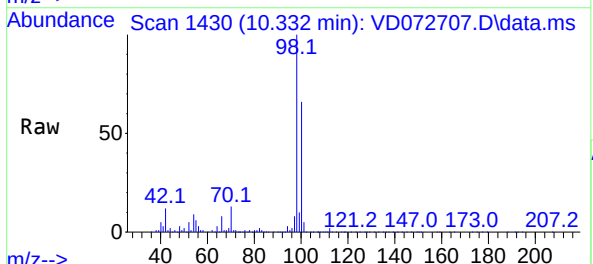
Instrument :
MSVOA_D
ClientSampleId :
370

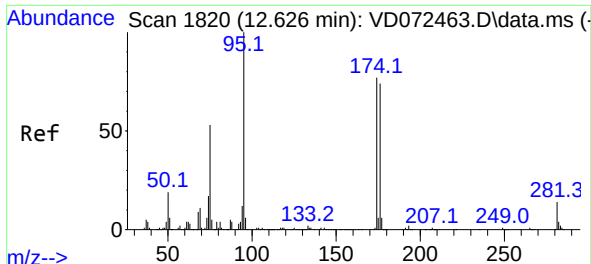
Tgt Ion: 83 Resp: 47661
Ion Ratio Lower Upper
83 100
55 81.1 63.2 94.8
98 50.5 38.2 57.4



#50
Toluene-d8
Concen: 44.576 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

Tgt Ion: 98 Resp: 470929
Ion Ratio Lower Upper
98 100
100 66.9 52.4 78.6

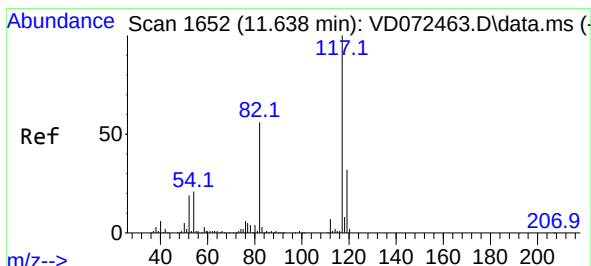
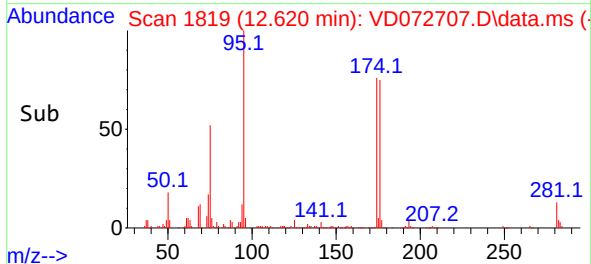
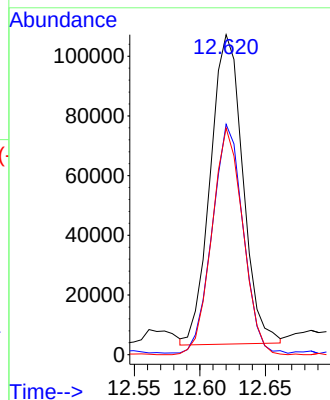
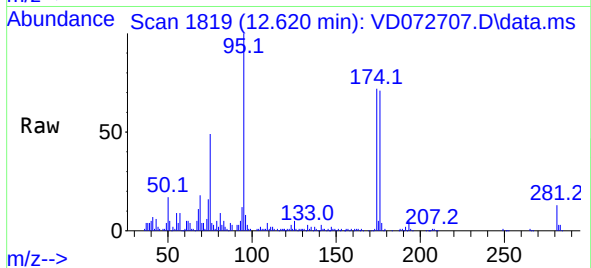




#62
4-Bromofluorobenzene
Concen: 43.259 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

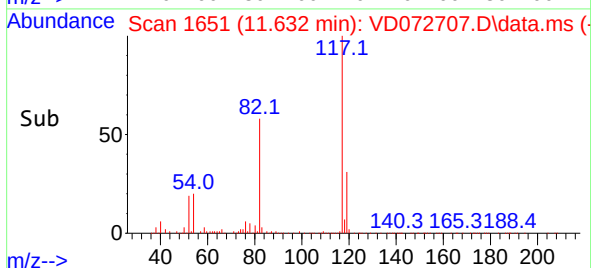
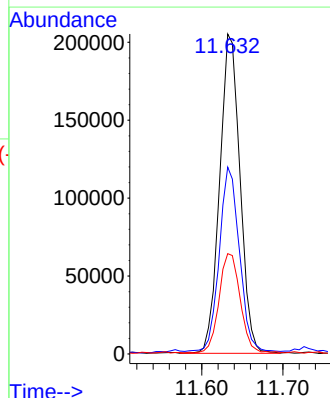
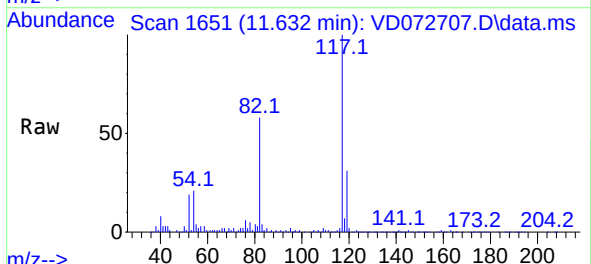
Instrument :
MSVOA_D
ClientSampleId :
370

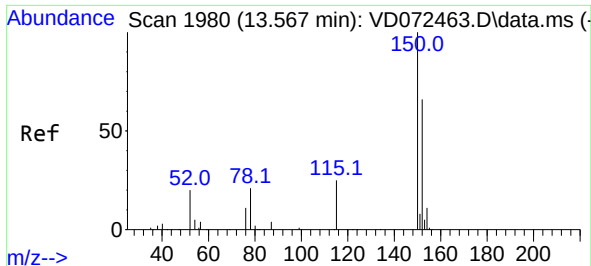
Tgt Ion: 95 Resp: 178483
Ion Ratio Lower Upper
95 100
174 70.0 0.0 152.8
176 69.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

Tgt Ion: 117 Resp: 357984
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 31.0 26.6 40.0

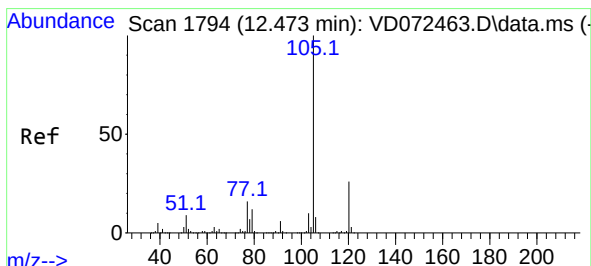
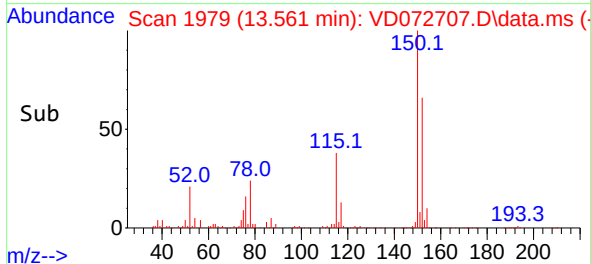
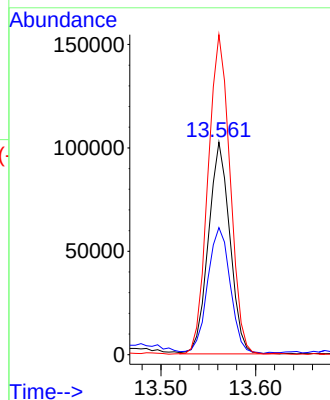
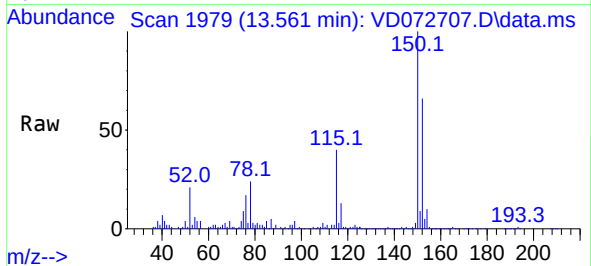




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

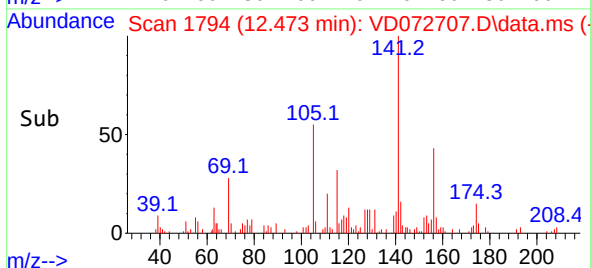
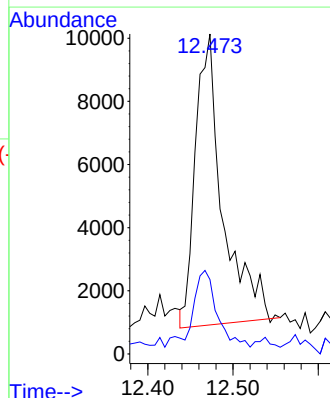
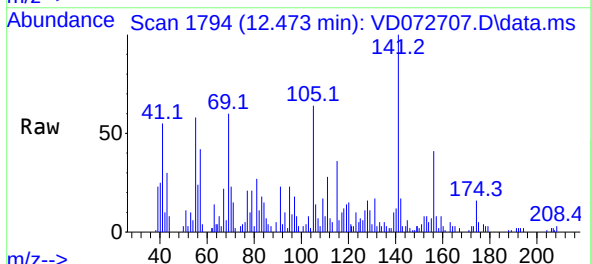
Instrument :
MSVOA_D
ClientSampleId :
370

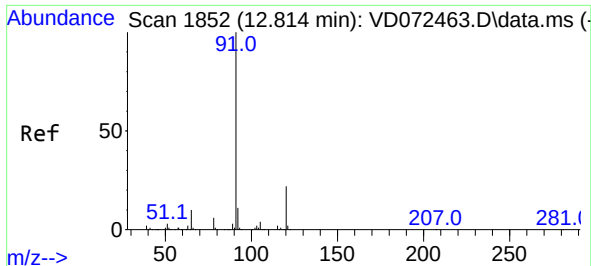
Tgt Ion:152 Resp: 161051
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.8
150 155.1 0.0 348.6



#73
Isopropylbenzene
Concen: 1.573 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072707.D
Acq: 25 Apr 2022 14:52

Tgt Ion:105 Resp: 20456
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9





#78

n-propylbenzene

Concen: 1.021 ug/l

RT: 12.808 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD072707.D

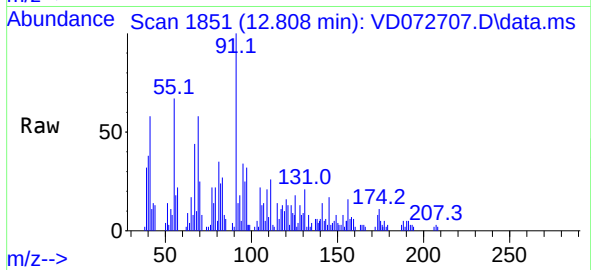
Acq: 25 Apr 2022 14:52

Instrument :

MSVOA_D

ClientSampleId :

370



Tgt Ion: 91 Resp: 16024

Ion Ratio Lower Upper

91 100

120 18.4 10.9 32.9

