

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048793.D
 Acq On : 01 Jun 2022 20:27
 Operator : SY/MD
 Sample : N3075-01ME 20X
 Misc : 6.96g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-1ME

Quant Time: Jun 02 08:36:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

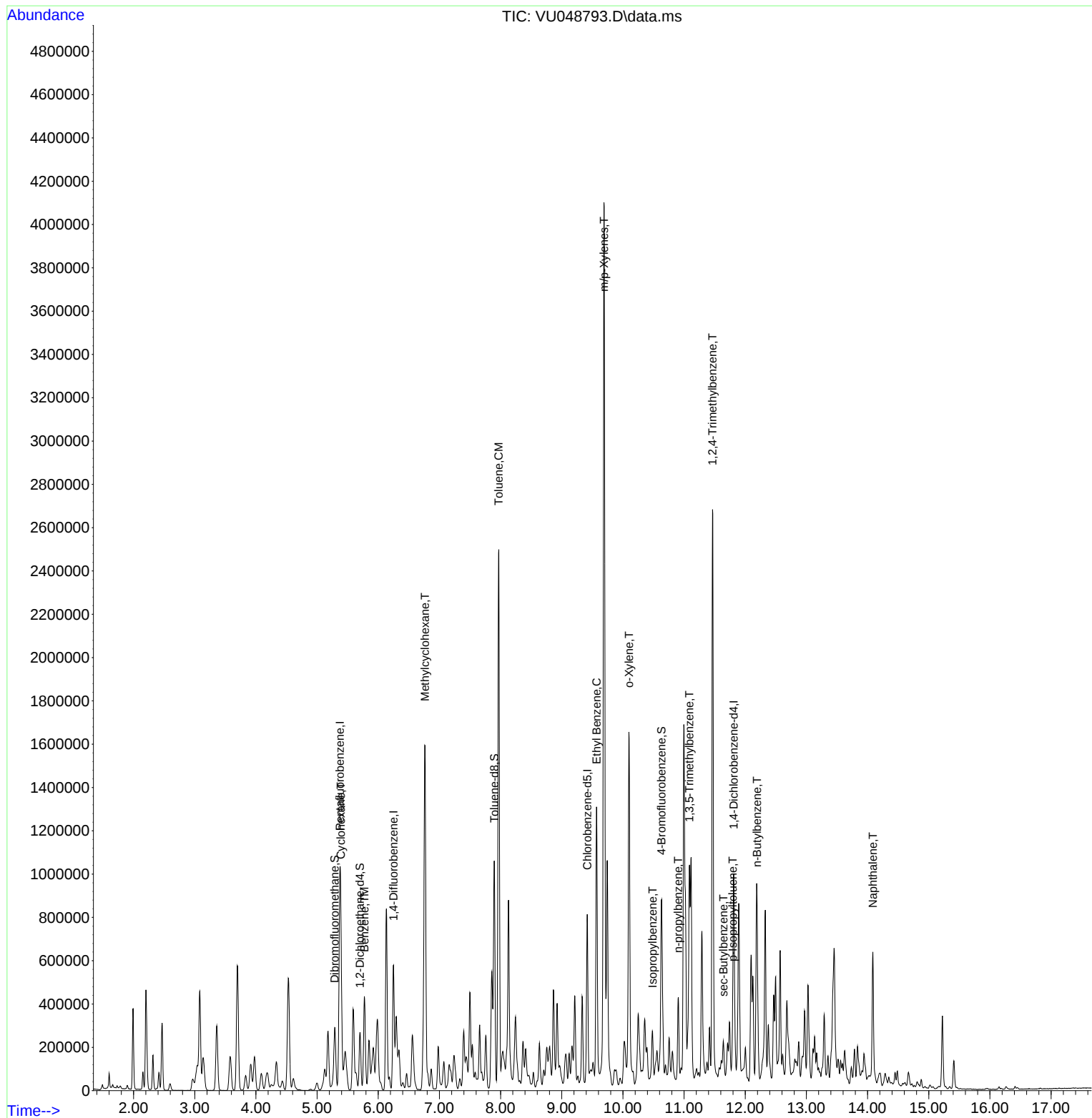
Internal Standards						
1) Pentafluorobenzene	5.372	168	282712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	476643	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	439540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	235528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	201553	47.471	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.940%		
35) Dibromofluoromethane	5.288	113	168726	49.618	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.240%		
50) Toluene-d8	7.899	98	628054	51.524	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	103.040%		
62) 4-Bromofluorobenzene	10.632	95	241407	52.366	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.740%		
Target Compounds					Qvalue	
31) Cyclohexane	5.388	56	345320	64.538	ug/l	98
39) Methylcyclohexane	6.764	83	694946	133.546	ug/l	99
40) Benzene	5.774	78	392571	26.793	ug/l	100
52) Toluene	7.970	92	1035018	118.098	ug/l	100
67) Ethyl Benzene	9.571	91	868211	55.373	ug/l	98
68) m/p-Xylenes	9.690	106	1133163	184.786	ug/l	98
69) o-Xylene	10.099	106	439021	72.870	ug/l	99
73) Isopropylbenzene	10.484	105	138359	9.099	ug/l	99
78) n-propylbenzene	10.906	91	299637	16.537	ug/l	99
80) 1,3,5-Trimethylbenzene	11.086	105	512217	38.736	ug/l	100
84) 1,2,4-Trimethylbenzene	11.465	105	1437590	99.669	ug/l	99
85) sec-Butylbenzene	11.642	105	53588	3.375	ug/l	100
86) p-Isopropyltoluene	11.793	119	72040	5.284	ug/l	96
89) n-Butylbenzene	12.195	91	149701	12.675	ug/l #	22
95) Naphthalene	14.086	128	476240	26.920	ug/l	99

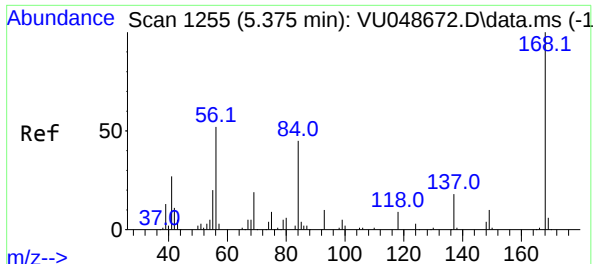
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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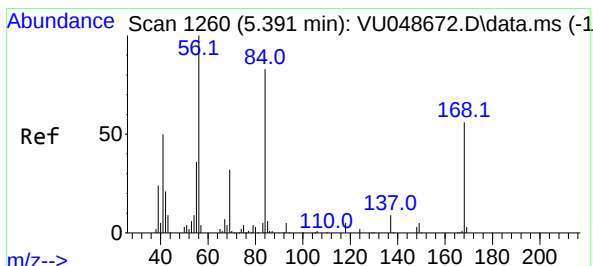
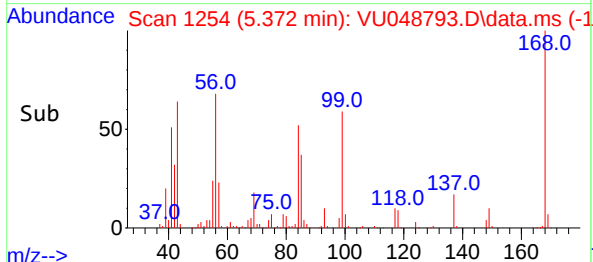
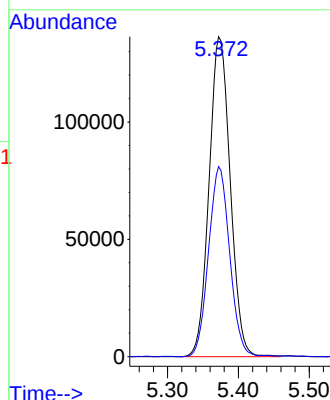
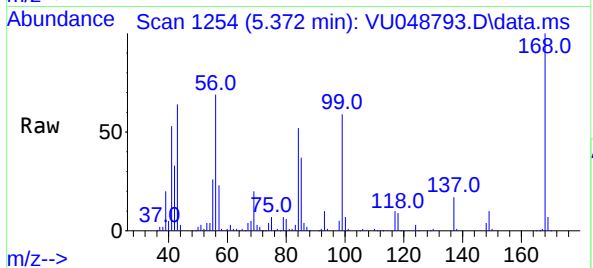




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

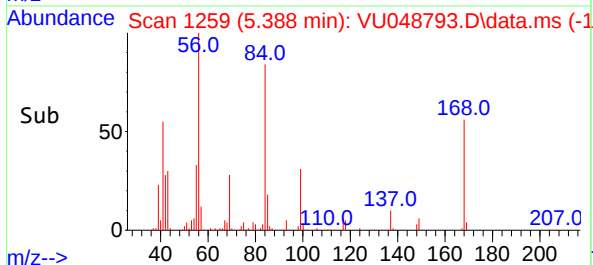
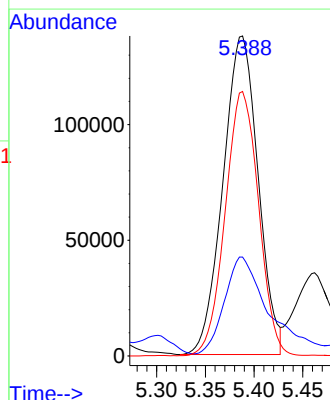
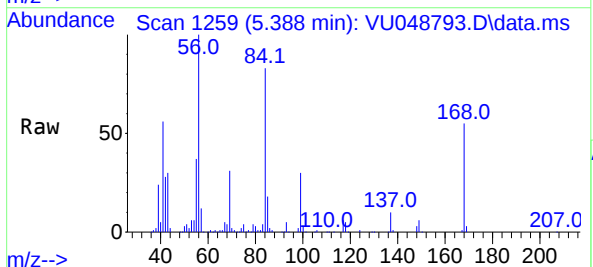
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

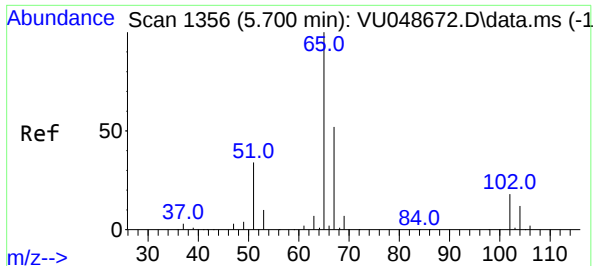
Tgt Ion:168 Resp: 282712
Ion Ratio Lower Upper
168 100
99 59.4 49.3 73.9



#31
Cyclohexane
Concen: 64.538 ug/l
RT: 5.388 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion: 56 Resp: 345320
Ion Ratio Lower Upper
56 100
69 28.8 25.6 38.4
84 82.9 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 47.471 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048793.D

Acq: 01 Jun 2022 20:27

Instrument :

MSVOA_U

ClientSampleId :

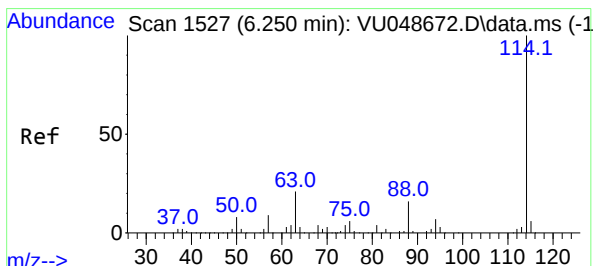
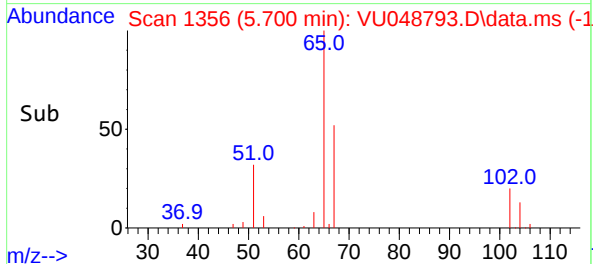
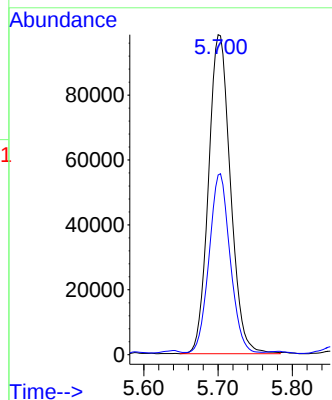
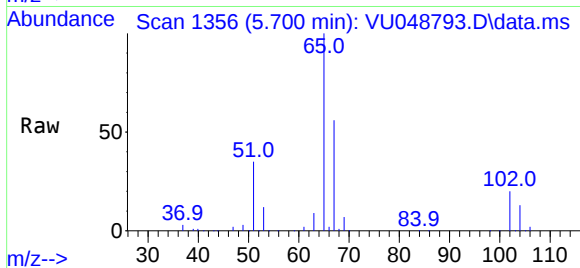
SS-1ME

Tgt Ion: 65 Resp: 201553

Ion Ratio Lower Upper

65 100

67 53.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.000 min

Lab File: VU048793.D

Acq: 01 Jun 2022 20:27

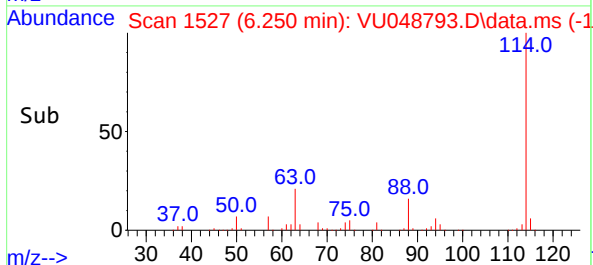
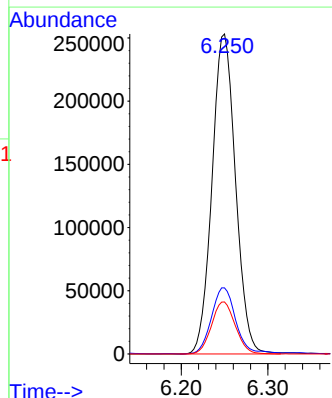
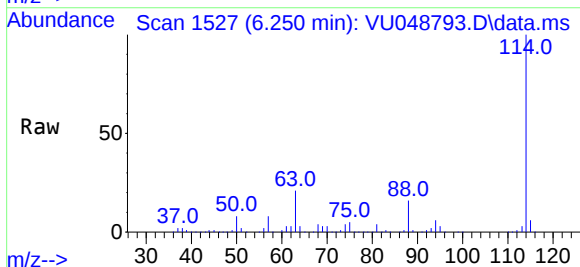
Tgt Ion: 114 Resp: 476643

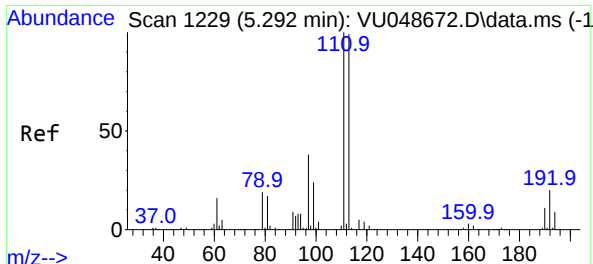
Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.6

88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 49.618 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048793.D

Acq: 01 Jun 2022 20:27

Instrument :

MSVOA_U

ClientSampleId :

SS-1ME

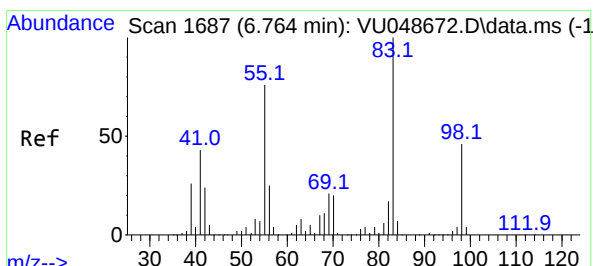
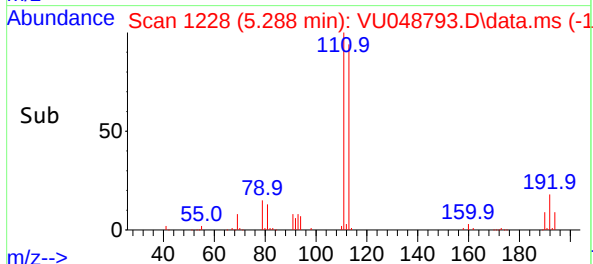
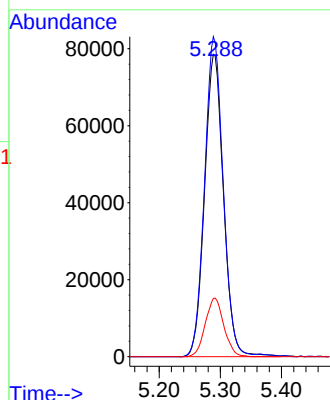
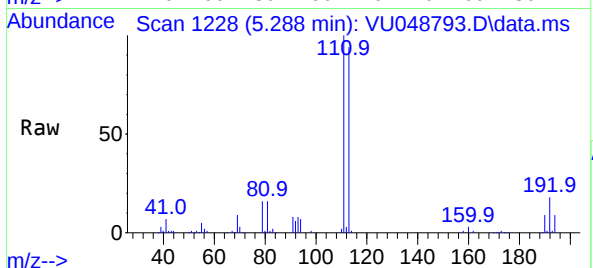
Tgt Ion:113 Resp: 168726

Ion Ratio Lower Upper

113 100

111 104.1 80.7 121.1

192 19.0 15.9 23.9



#39

Methylcyclohexane

Concen: 133.546 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048793.D

Acq: 01 Jun 2022 20:27

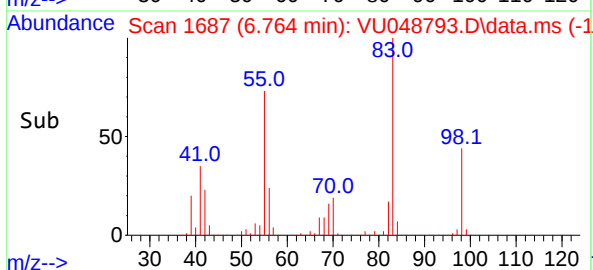
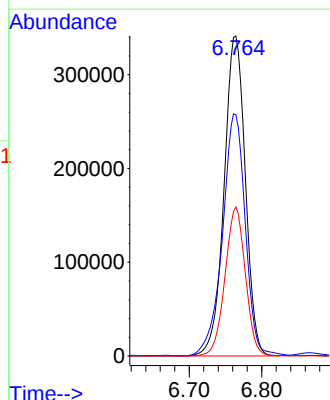
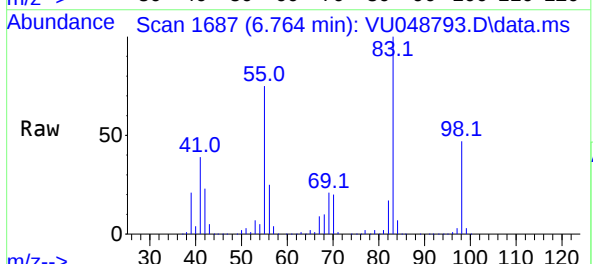
Tgt Ion: 83 Resp: 694946

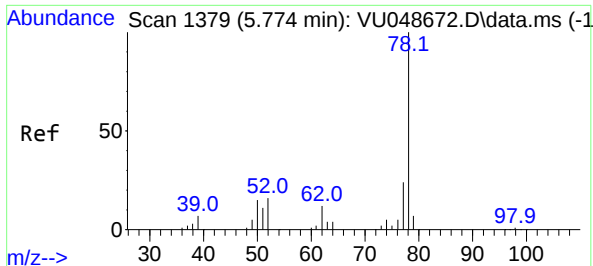
Ion Ratio Lower Upper

83 100

55 75.3 61.0 91.6

98 46.5 36.8 55.2

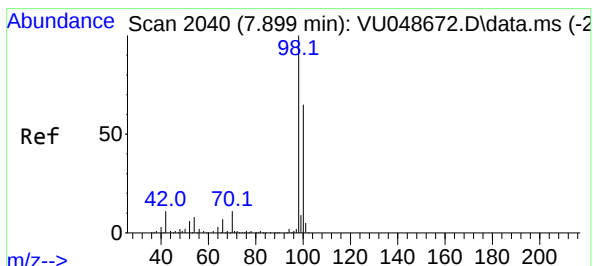
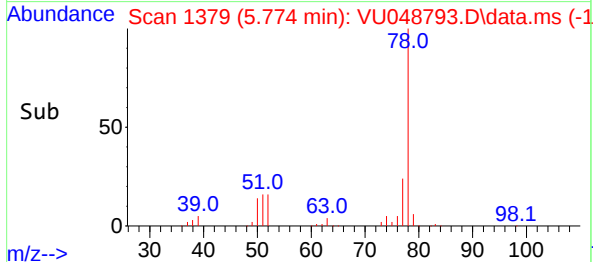
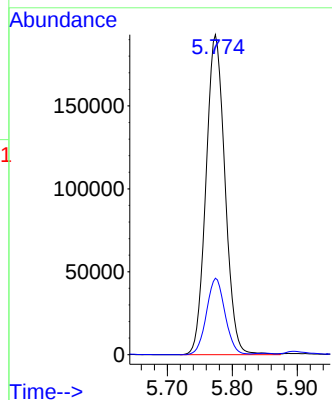
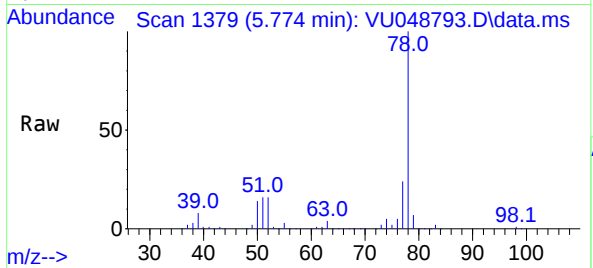




#40
Benzene
Concen: 26.793 ug/l
RT: 5.774 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

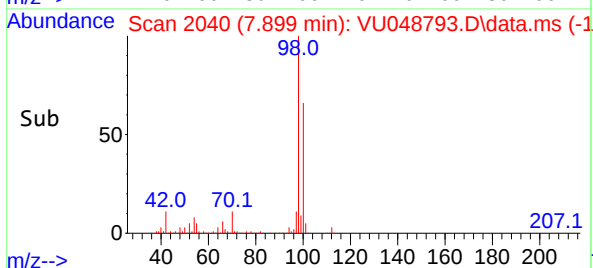
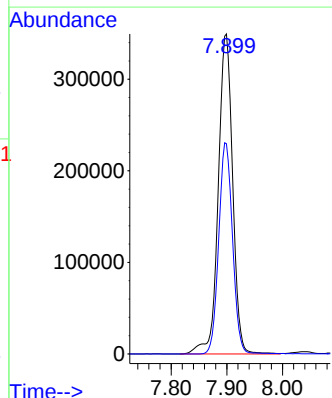
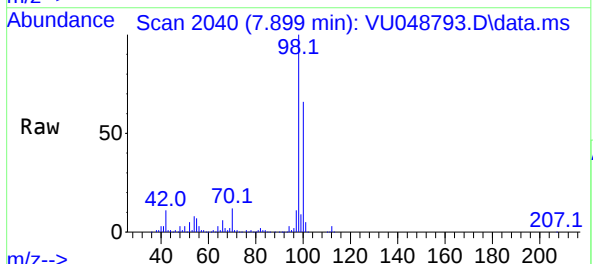
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

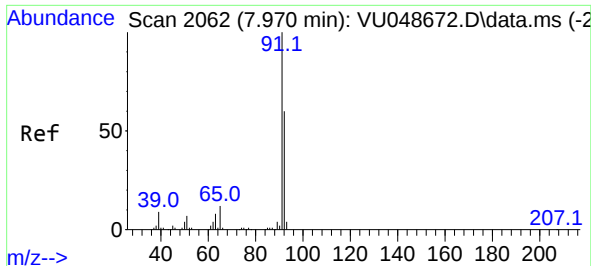
Tgt Ion: 78 Resp: 392571
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#50
Toluene-d8
Concen: 51.524 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion: 98 Resp: 628054
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.4

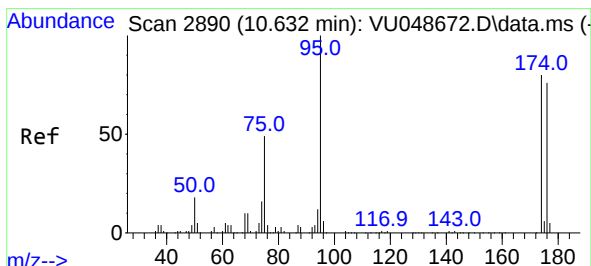
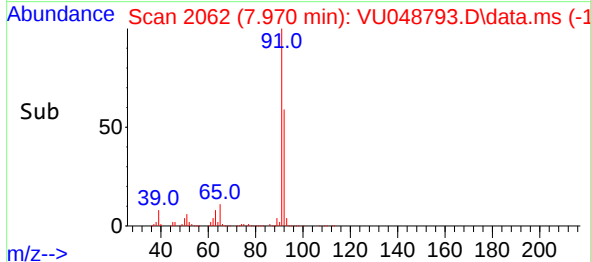
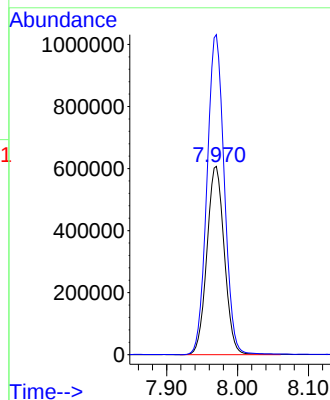
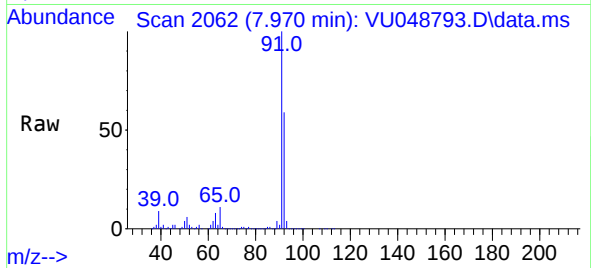




#52
Toluene
Concen: 118.098 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

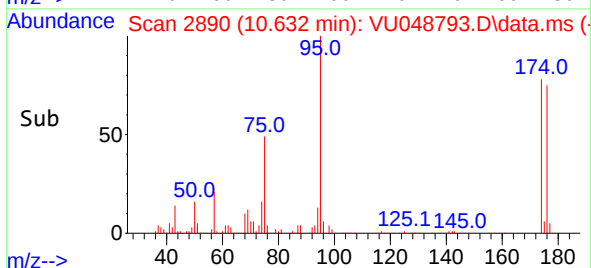
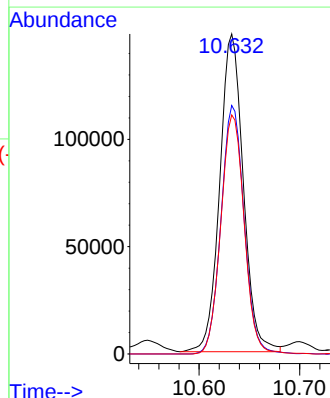
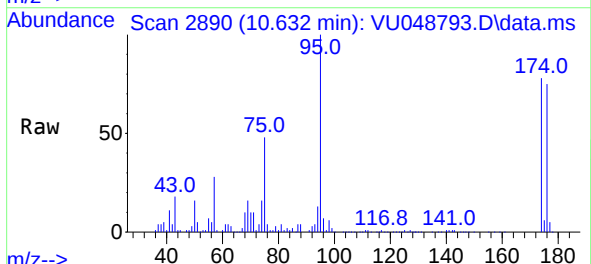
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

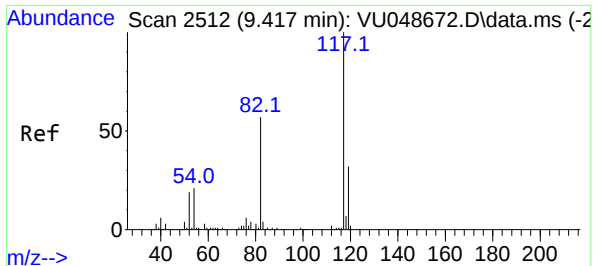
Tgt Ion: 92 Resp: 1035018
Ion Ratio Lower Upper
92 100
91 169.0 135.0 202.4



#62
4-Bromofluorobenzene
Concen: 52.366 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion: 95 Resp: 241407
Ion Ratio Lower Upper
95 100
174 76.5 0.0 159.4
176 74.5 0.0 152.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.417 min Scan# 2512

Delta R.T. -0.000 min

Lab File: VU048793.D

Acq: 01 Jun 2022 20:27

Instrument :

MSVOA_U

ClientSampleId :

SS-1ME

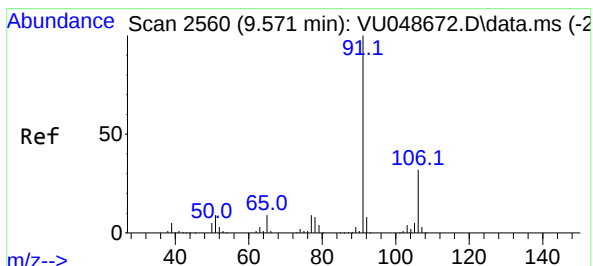
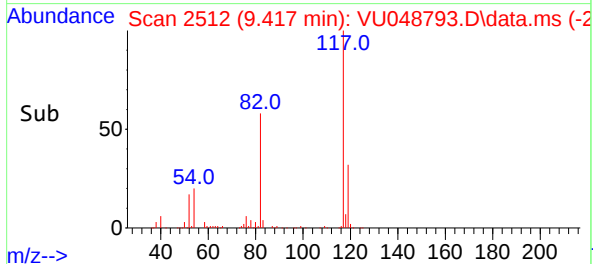
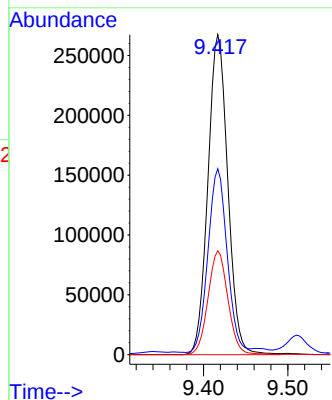
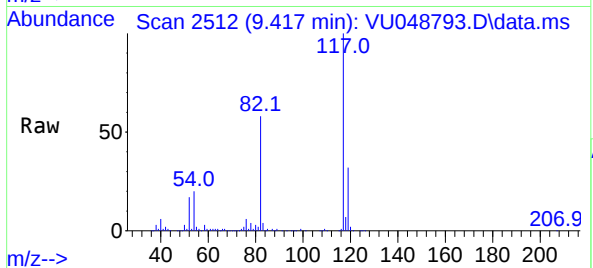
Tgt Ion:117 Resp: 439540

Ion Ratio Lower Upper

117 100

82 57.3 45.3 67.9

119 32.4 25.4 38.2



#67

Ethyl Benzene

Concen: 55.373 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU048793.D

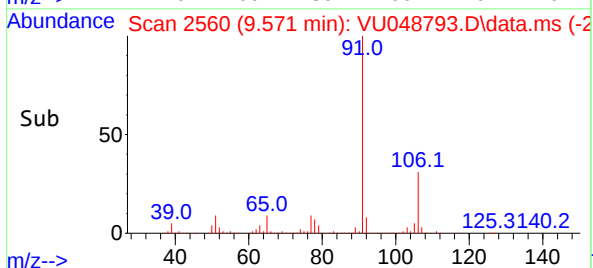
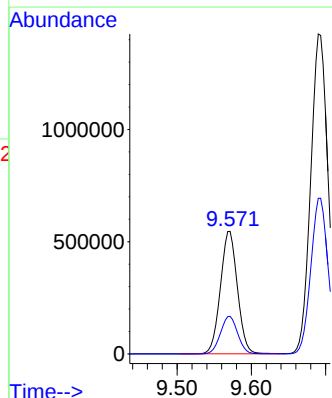
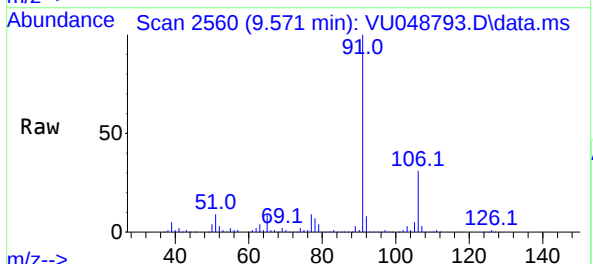
Acq: 01 Jun 2022 20:27

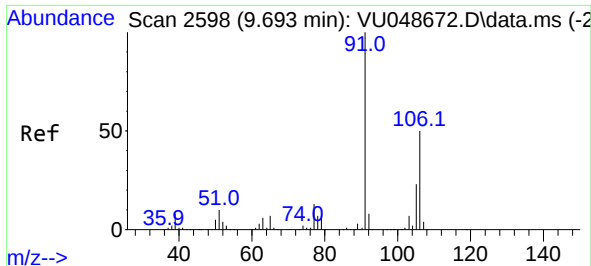
Tgt Ion: 91 Resp: 868211

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.2

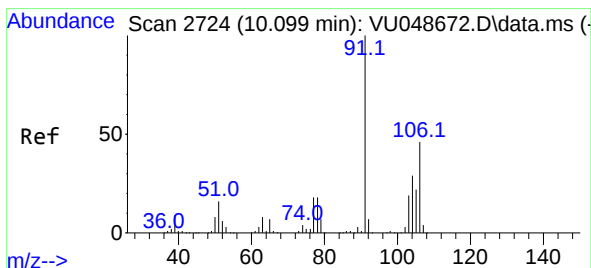
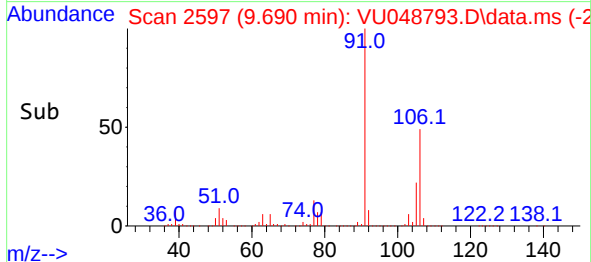
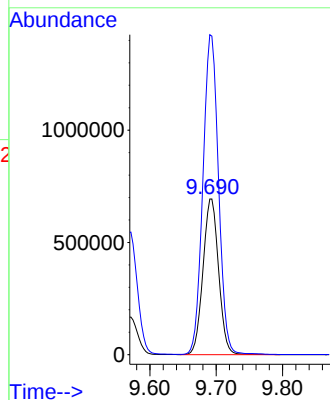
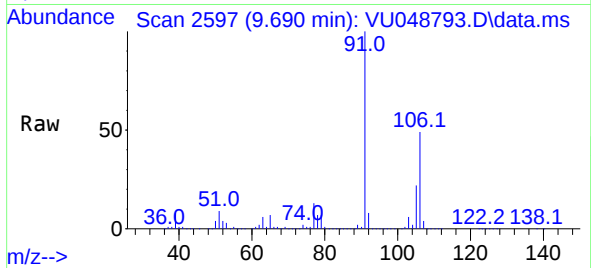




#68
m/p-Xylenes
Concen: 184.786 ug/l
RT: 9.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

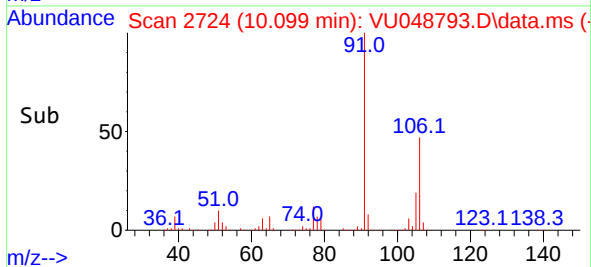
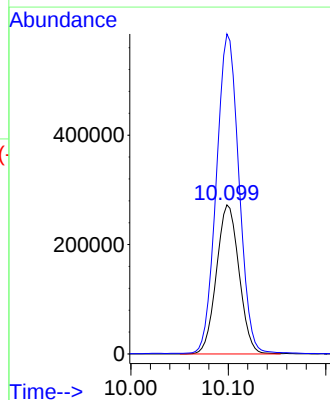
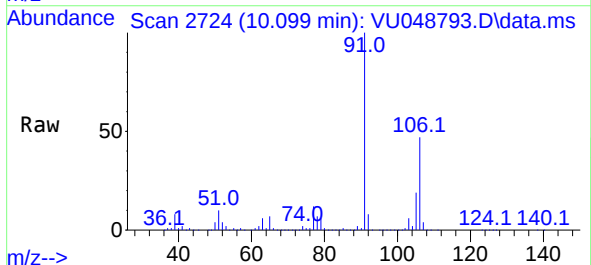
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

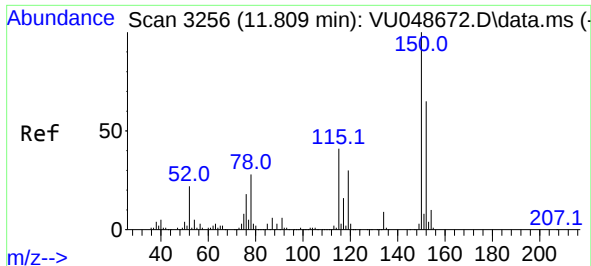
Tgt Ion:106 Resp: 1133163
Ion Ratio Lower Upper
106 100
91 205.8 162.4 243.6



#69
o-Xylene
Concen: 72.870 ug/l
RT: 10.099 min Scan# 2724
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion:106 Resp: 439021
Ion Ratio Lower Upper
106 100
91 214.7 107.7 323.3

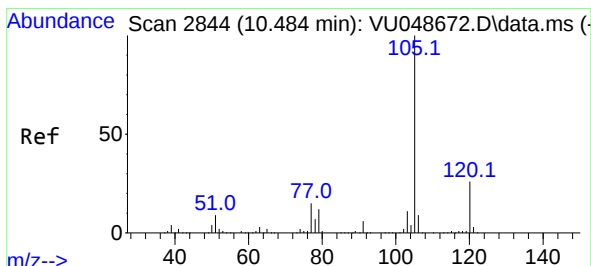
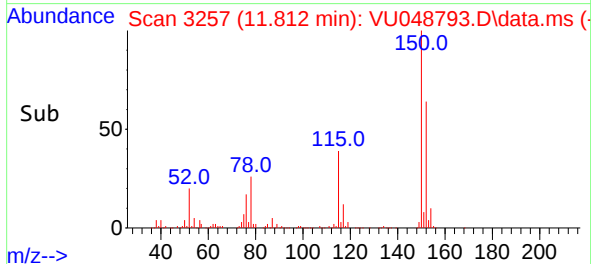
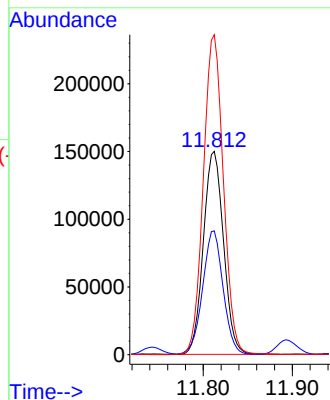
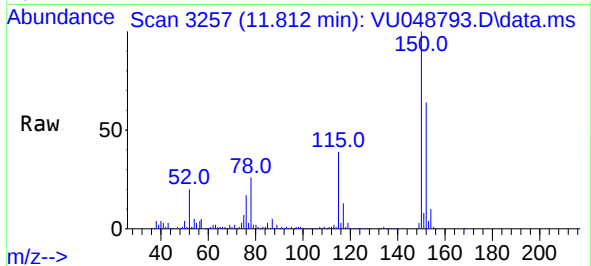




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

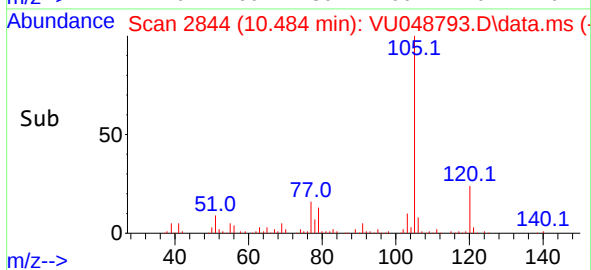
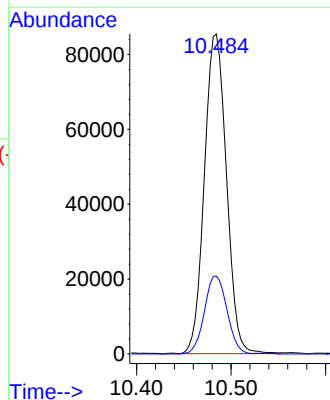
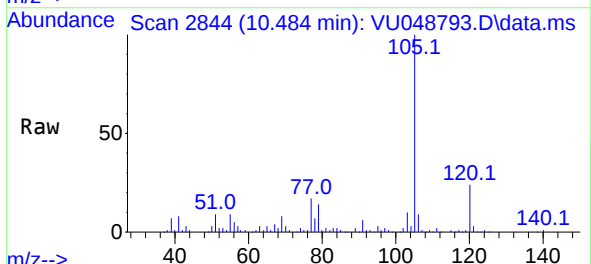
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

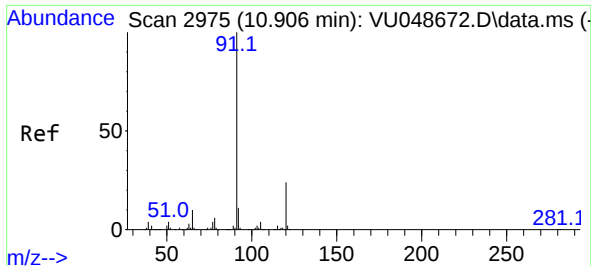
Tgt Ion:152 Resp: 235528
Ion Ratio Lower Upper
152 100
115 61.9 41.8 125.4
150 156.9 0.0 341.0



#73
Isopropylbenzene
Concen: 9.099 ug/l
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion:105 Resp: 138359
Ion Ratio Lower Upper
105 100
120 24.9 12.9 38.6

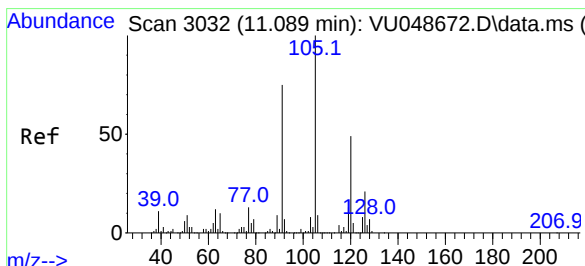
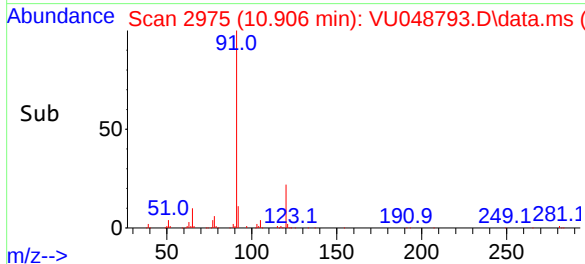
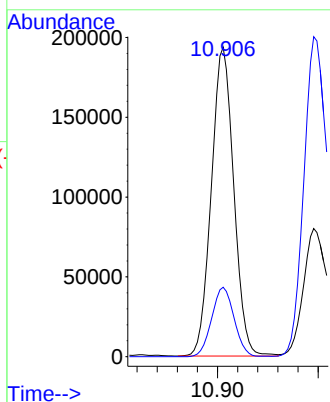
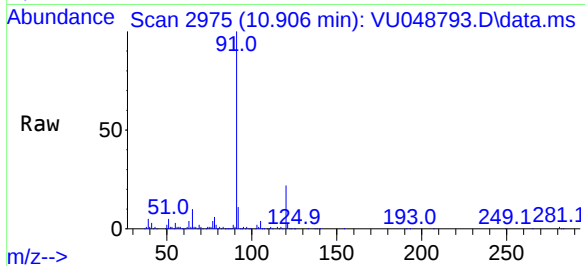




#78
n-propylbenzene
Concen: 16.537 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. 0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

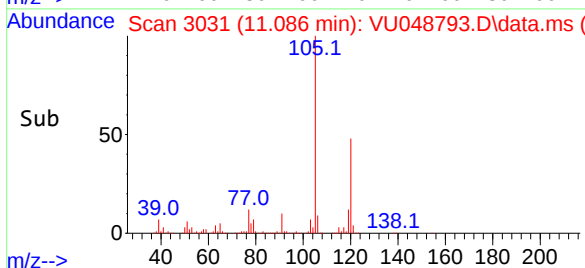
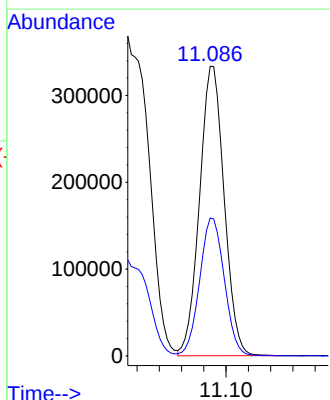
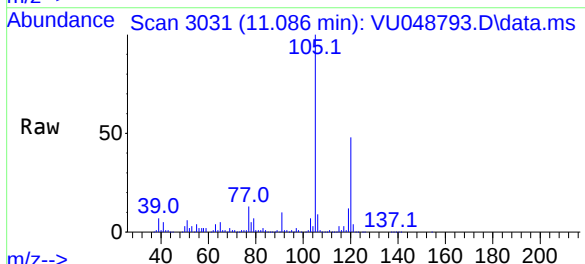
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

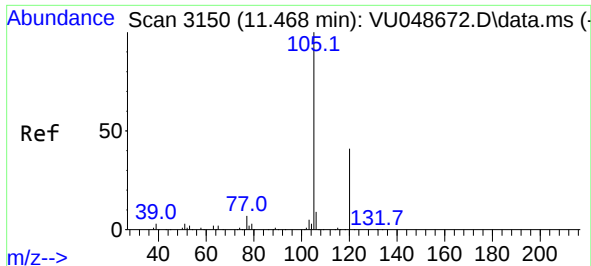
Tgt Ion: 91 Resp: 299637
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 38.736 ug/l
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion:105 Resp: 512217
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3

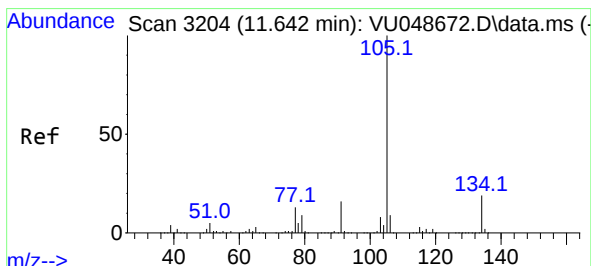
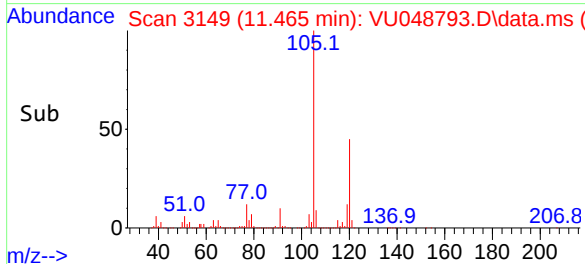
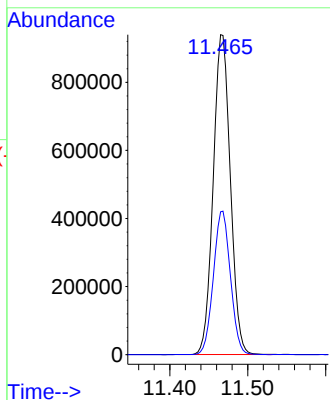
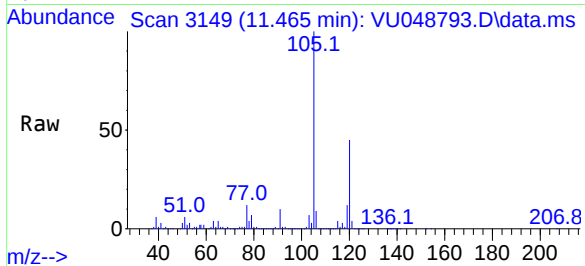




#84
1,2,4-Trimethylbenzene
Concen: 99.669 ug/l
RT: 11.465 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

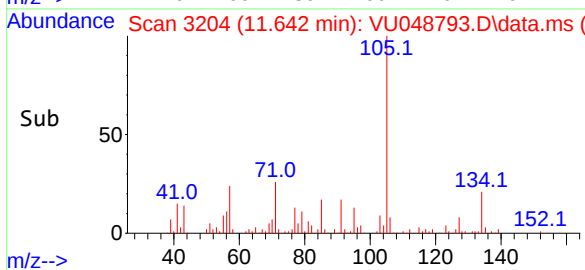
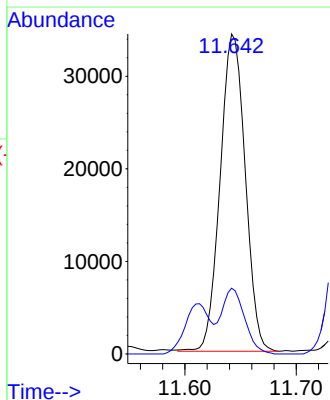
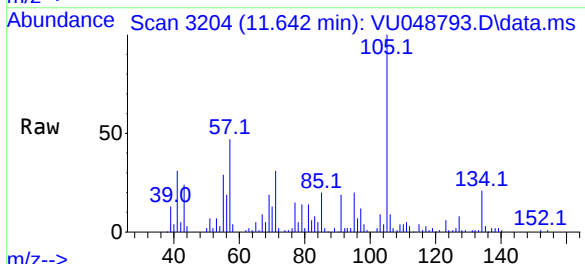
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

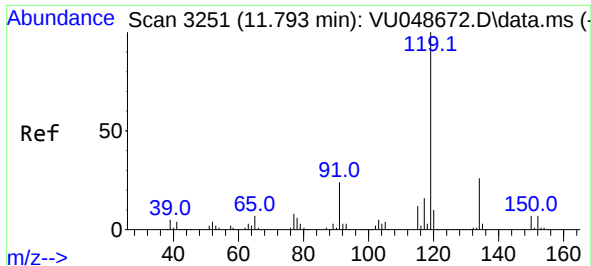
Tgt Ion:105 Resp: 1437590
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5



#85
sec-Butylbenzene
Concen: 3.375 ug/l
RT: 11.642 min Scan# 3204
Delta R.T. 0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Tgt Ion:105 Resp: 53588
Ion Ratio Lower Upper
105 100
134 19.2 9.6 28.6

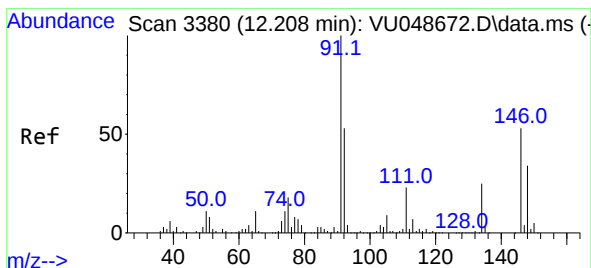
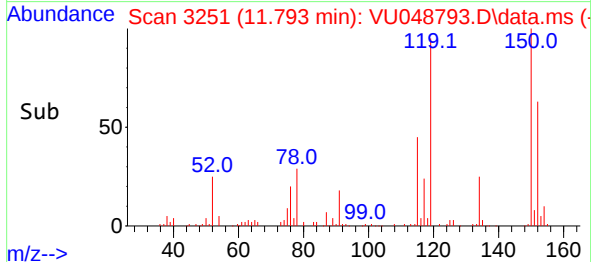
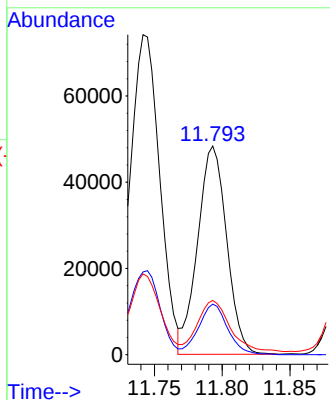
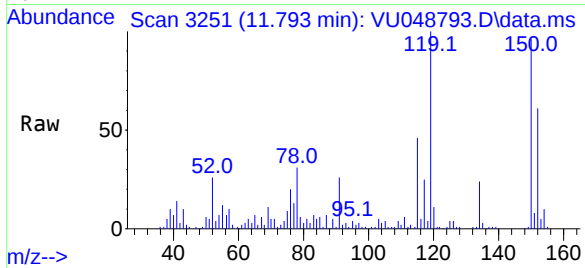




#86
p-Isopropyltoluene
Concen: 5.284 ug/l
RT: 11.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

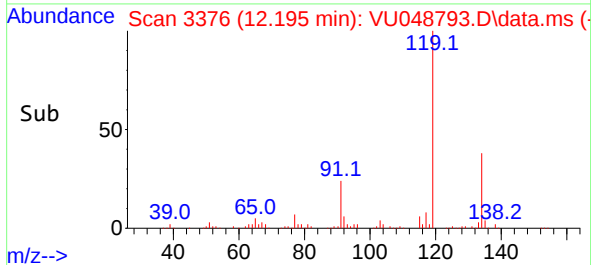
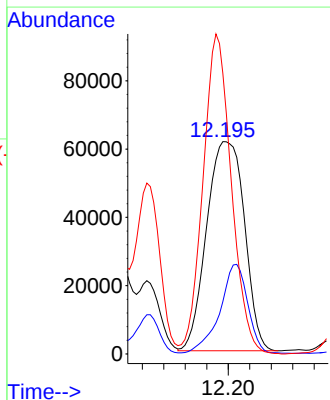
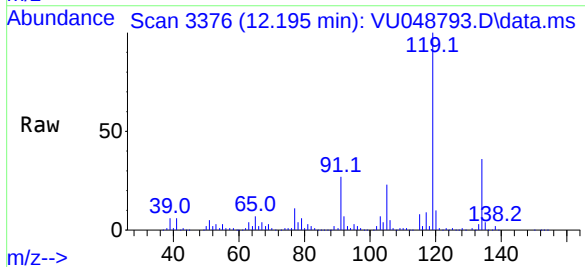
Instrument :
MSVOA_U
ClientSampleId :
SS-1ME

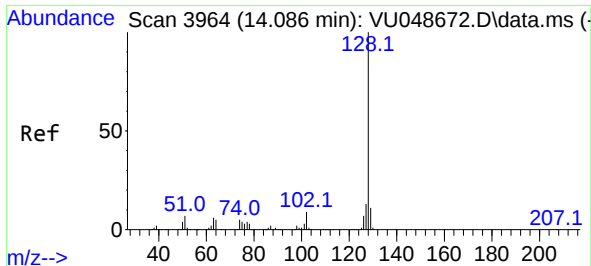
Tgt Ion:119 Resp: 72040
Ion Ratio Lower Upper
119 100
134 24.5 12.8 38.4
91 27.4 12.0 36.0



#89
n-Butylbenzene
Concen: 12.675 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. -0.013 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

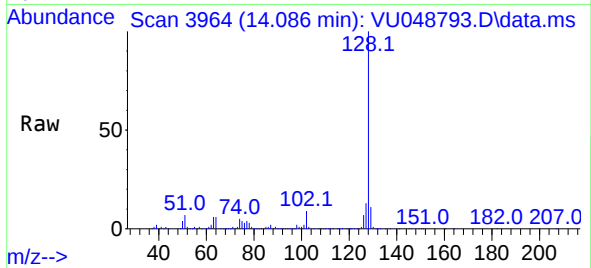
Tgt Ion: 91 Resp: 149701
Ion Ratio Lower Upper
91 100
92 31.5 25.9 77.8
134 114.7 12.5 37.5#





#95
Naphthalene
Concen: 26.920 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048793.D
Acq: 01 Jun 2022 20:27

Instrument :
MSVOA_U
ClientSampleId :
SS-1ME



Tgt Ion:128 Resp: 476240
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.5 8.7 13.1

