

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060122\
 Data File : VU048791.D
 Acq On : 01 Jun 2022 19:40
 Operator : SY/MD
 Sample : N3075-02ME
 Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 SS-2ME

Quant Time: Jun 02 05:08:31 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)

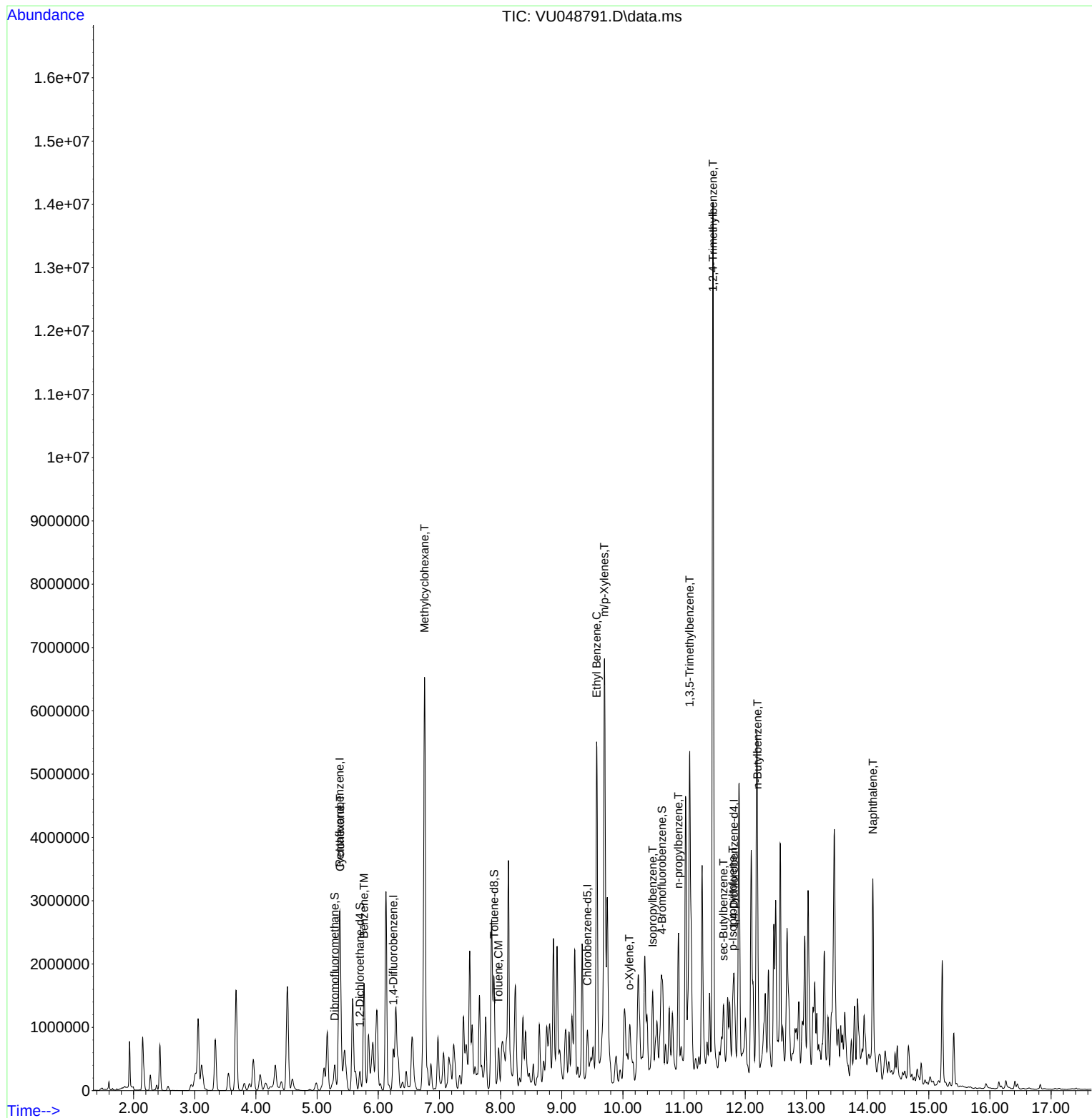
Internal Standards						
1) Pentafluorobenzene	5.369	168	325267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	547526	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	524426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	293461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	235483	48.206	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.420%		
35) Dibromofluoromethane	5.289	113	192492	49.279	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.560%		
50) Toluene-d8	7.896	98	742847	53.052	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	106.100%		
62) 4-Bromofluorobenzene	10.639	95	334740	63.212	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	126.420%#		
Target Compounds					Qvalue	
31) Cyclohexane	5.375	56	1194509	194.037	ug/l	97
39) Methylcyclohexane	6.758	83	2839904	475.086	ug/l	99
40) Benzene	5.768	78	1547312	91.932	ug/l	100
52) Toluene	7.967	92	151234	15.022	ug/l	99
67) Ethyl Benzene	9.571	91	3795716	202.901	ug/l	98
68) m/p-Xylenes	9.697	106	1768990	241.778	ug/l	98
69) o-Xylene	10.102	106	149471	20.794	ug/l	95
73) Isopropylbenzene	10.488	105	769343	40.608	ug/l	100
78) n-propylbenzene	10.909	91	1675169	74.203	ug/l	99
80) 1,3,5-Trimethylbenzene	11.092	105	2642298	160.375	ug/l	100
84) 1,2,4-Trimethylbenzene	11.472	105	7578032	417.835	ug/l	99
85) sec-Butylbenzene	11.645	105	324489	16.403	ug/l	99
86) p-Isopropyltoluene	11.796	119	447847	26.362	ug/l	98
89) n-Butylbenzene	12.201	91	913785	53.574	ug/l #	25
95) Naphthalene	14.086	128	2342098	98.789	ug/l	99

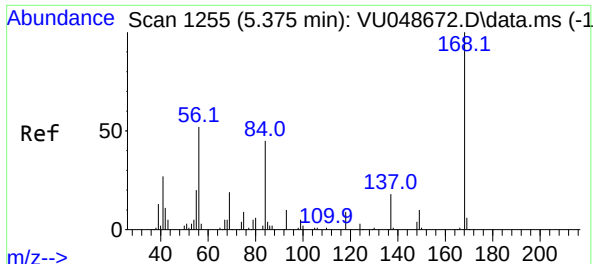
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

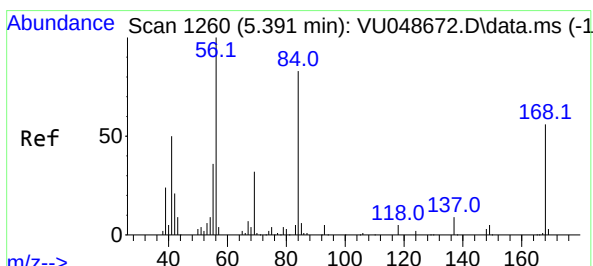
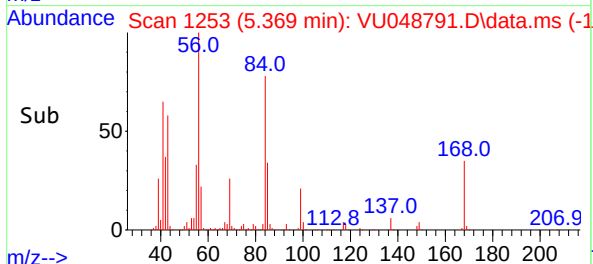
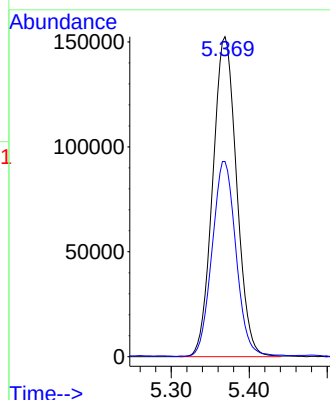
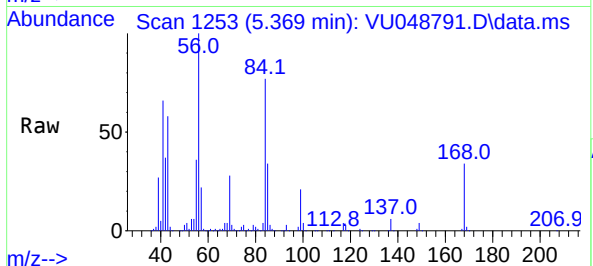




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

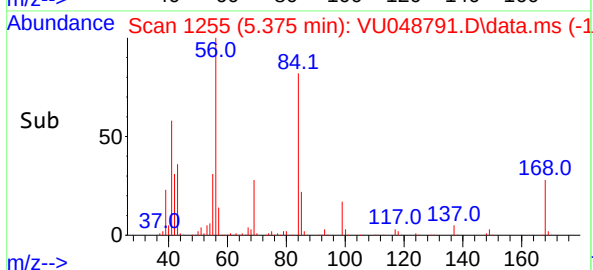
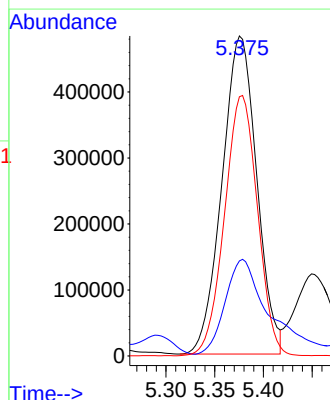
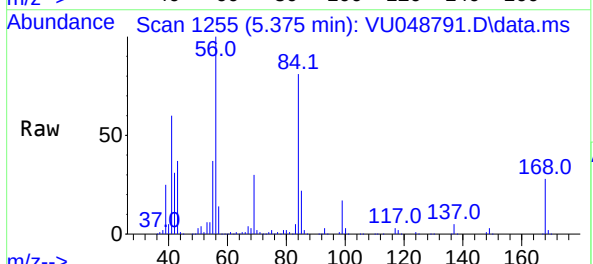
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

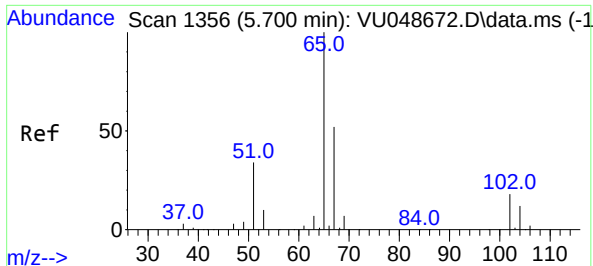
Tgt Ion:168 Resp: 325267
Ion Ratio Lower Upper
168 100
99 60.8 49.3 73.9



#31
Cyclohexane
Concen: 194.037 ug/l
RT: 5.375 min Scan# 1255
Delta R.T. -0.016 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion: 56 Resp: 1194509
Ion Ratio Lower Upper
56 100
69 27.7 25.6 38.4
84 81.4 66.2 99.4





#33

1,2-Dichloroethane-d4

Concen: 48.206 ug/l

RT: 5.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048791.D

Acq: 01 Jun 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

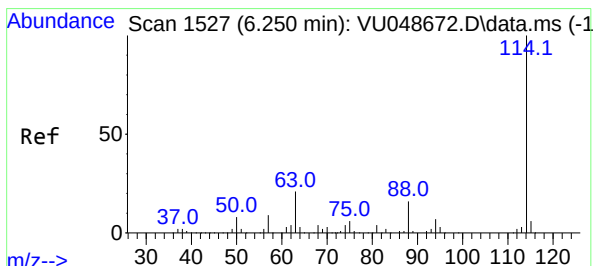
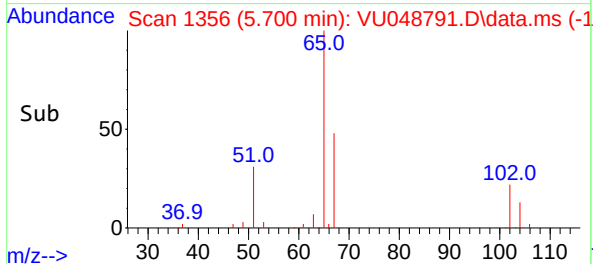
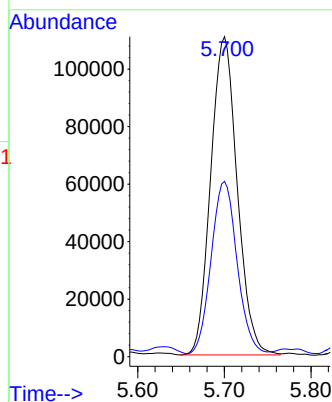
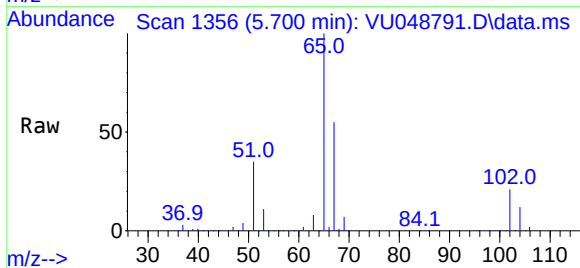
SS-2ME

Tgt Ion: 65 Resp: 235483

Ion Ratio Lower Upper

65 100

67 52.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048791.D

Acq: 01 Jun 2022 19:40

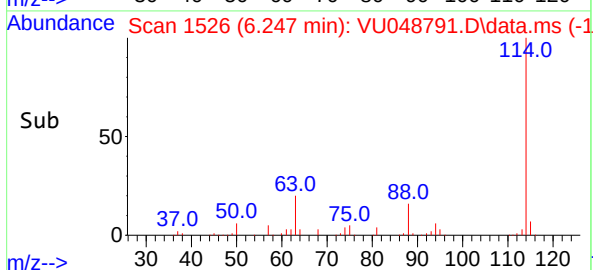
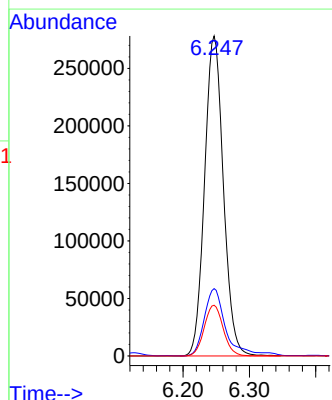
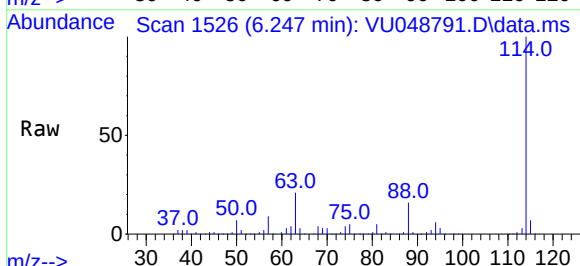
Tgt Ion: 114 Resp: 547526

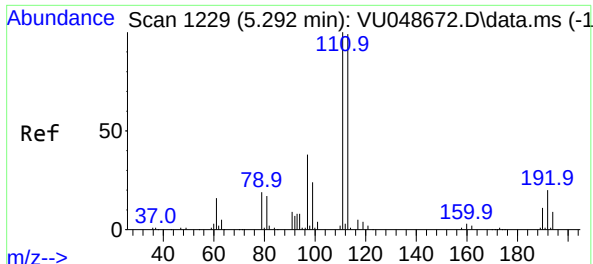
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.8 0.0 32.2

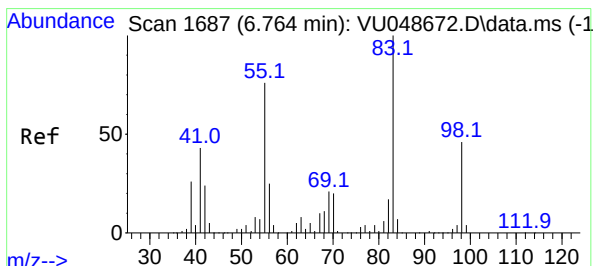
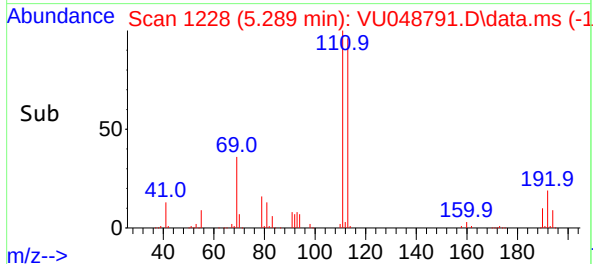
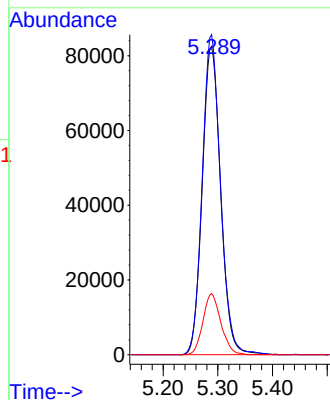
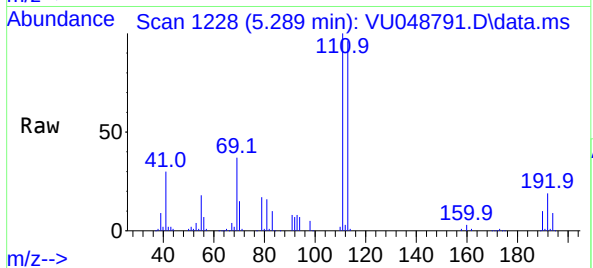




#35
Dibromofluoromethane
Concen: 49.279 ug/l
RT: 5.289 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

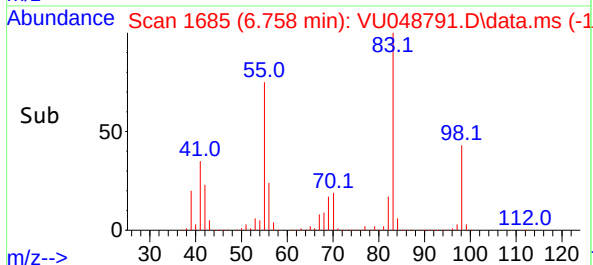
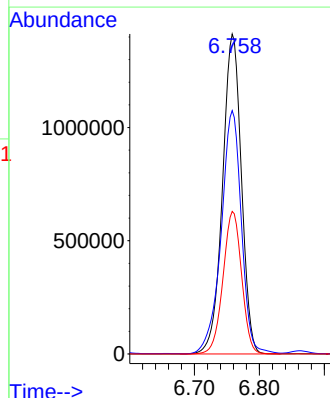
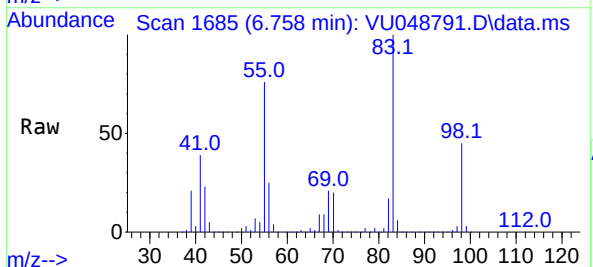
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

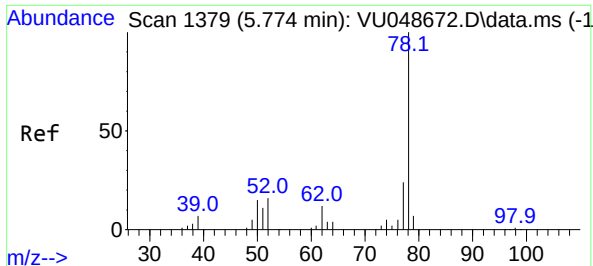
Tgt Ion:113 Resp: 192492
Ion Ratio Lower Upper
113 100
111 102.5 80.7 121.1
192 19.3 15.9 23.9



#39
Methylcyclohexane
Concen: 475.086 ug/l
RT: 6.758 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion: 83 Resp: 2839904
Ion Ratio Lower Upper
83 100
55 76.0 61.0 91.6
98 44.5 36.8 55.2

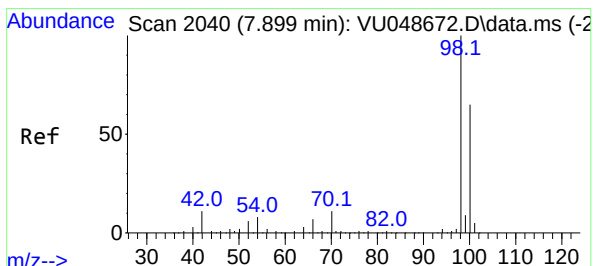
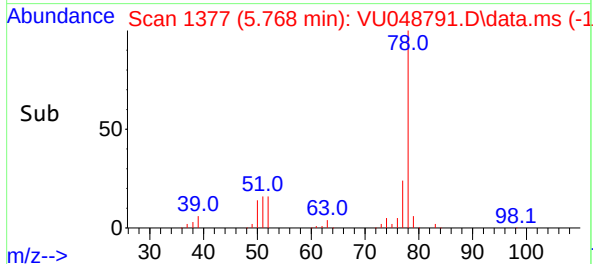
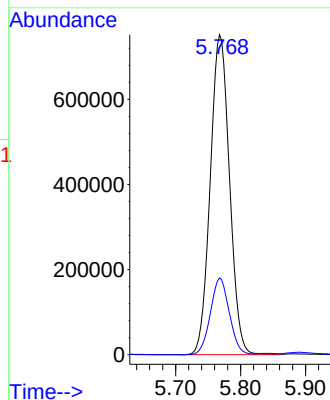
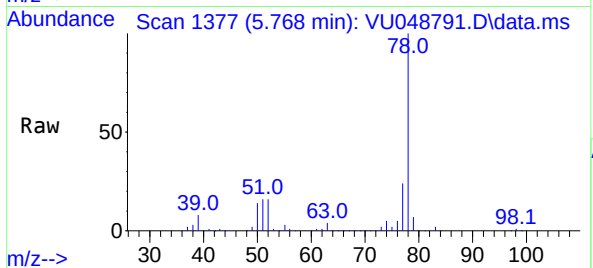




#40
Benzene
Concen: 91.932 ug/l
RT: 5.768 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

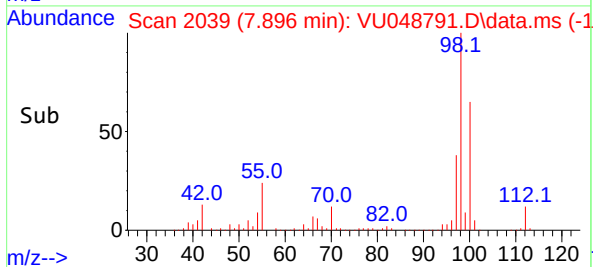
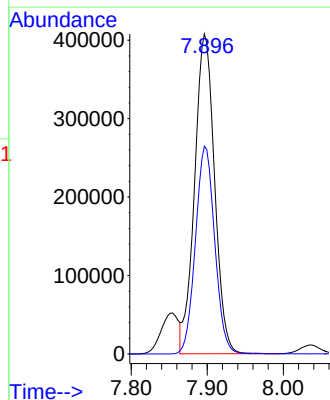
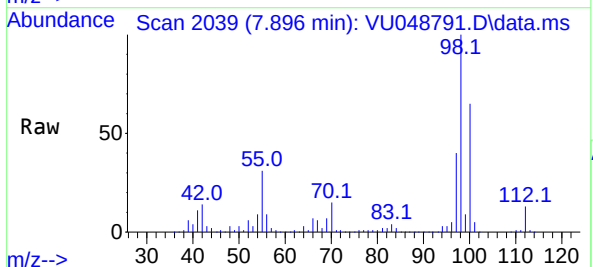
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

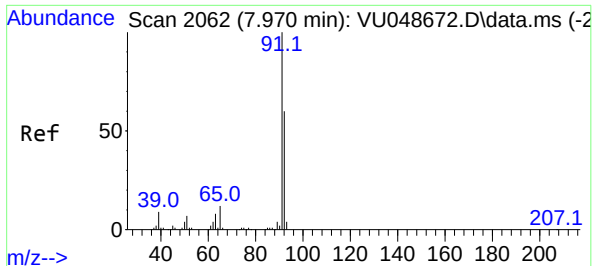
Tgt Ion: 78 Resp: 1547312
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



#50
Toluene-d8
Concen: 53.052 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion: 98 Resp: 742847
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.4

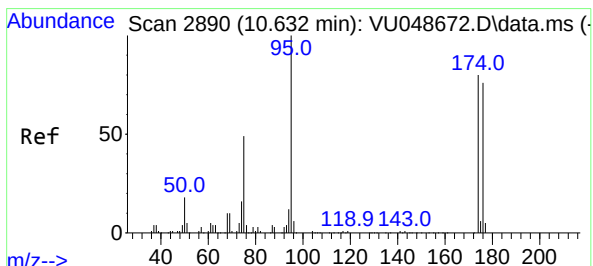
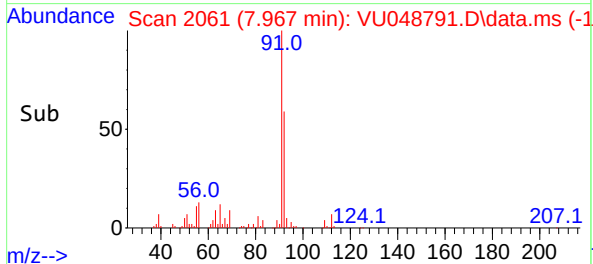
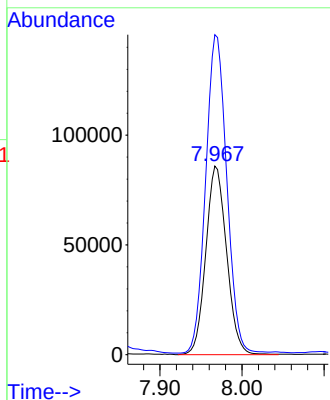
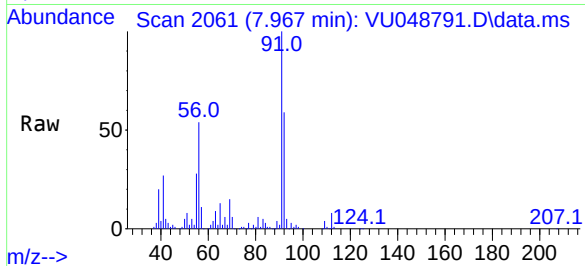




#52
Toluene
Concen: 15.022 ug/l
RT: 7.967 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

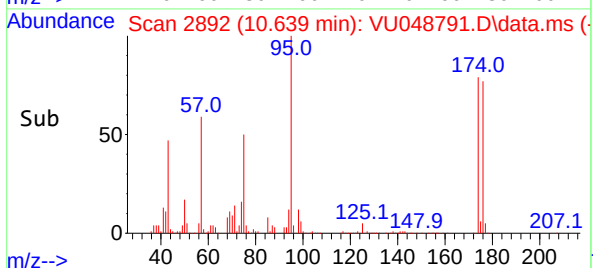
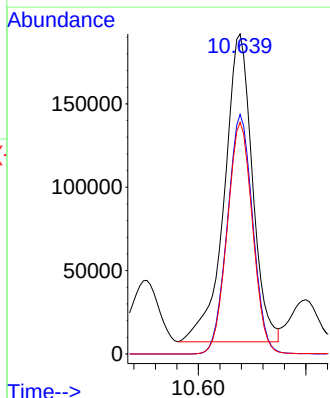
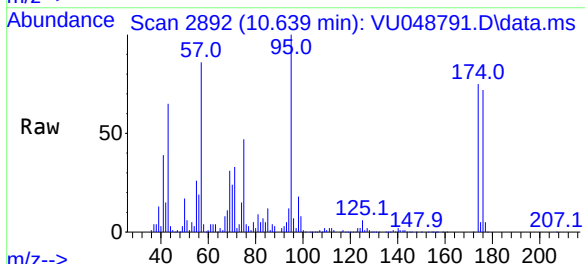
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

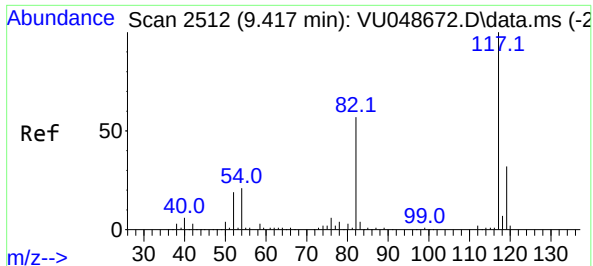
Tgt Ion: 92 Resp: 151234
Ion Ratio Lower Upper
92 100
91 170.7 135.0 202.4



#62
4-Bromofluorobenzene
Concen: 63.212 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.006 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion: 95 Resp: 334740
Ion Ratio Lower Upper
95 100
174 70.6 0.0 159.4
176 67.8 0.0 152.4

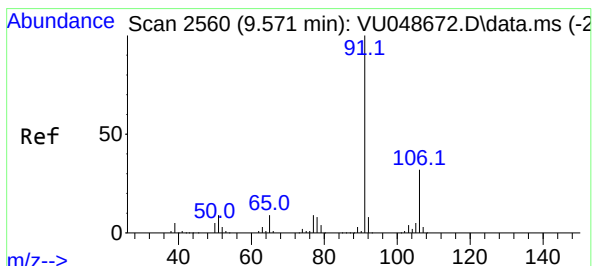
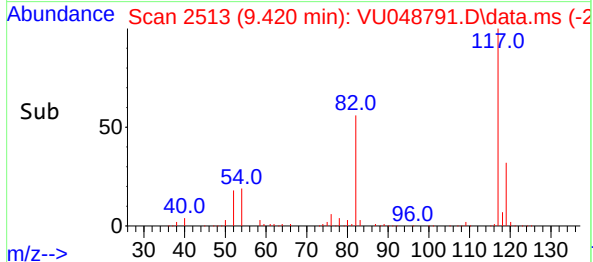
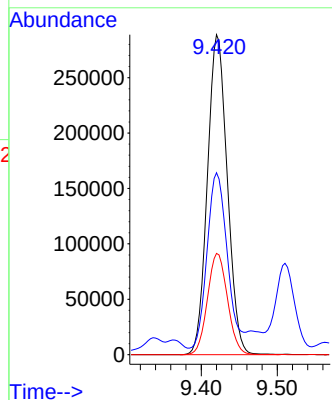
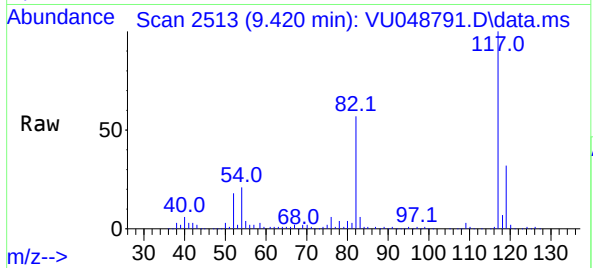




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

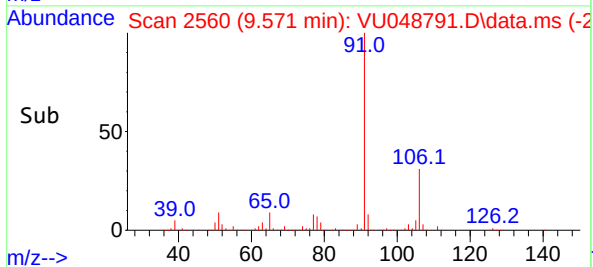
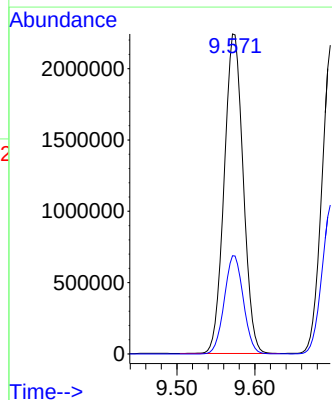
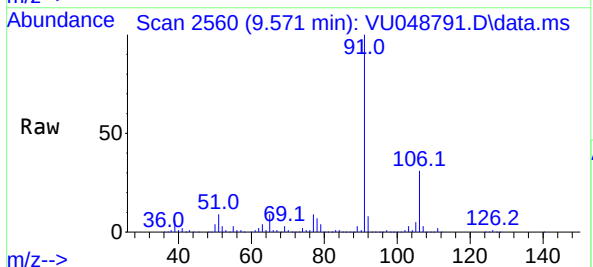
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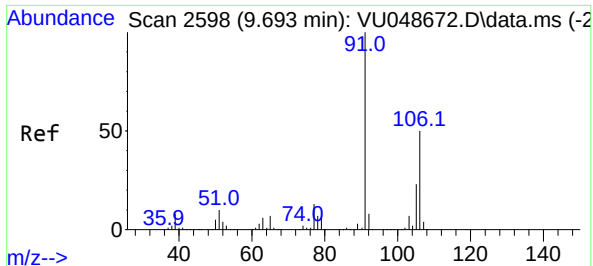
Tgt Ion:117 Resp: 524426
Ion Ratio Lower Upper
117 100
82 53.1 45.3 67.9
119 31.7 25.4 38.2



#67
Ethyl Benzene
Concen: 202.901 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion: 91 Resp: 3795716
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.2





#68

m/p-Xylenes

Concen: 241.778 ug/l

RT: 9.697 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048791.D

Acq: 01 Jun 2022 19:40

Instrument :

MSVOA_U

ClientSampleId :

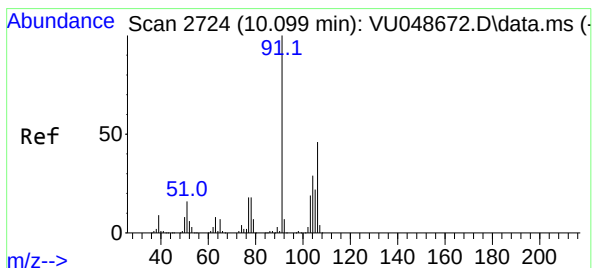
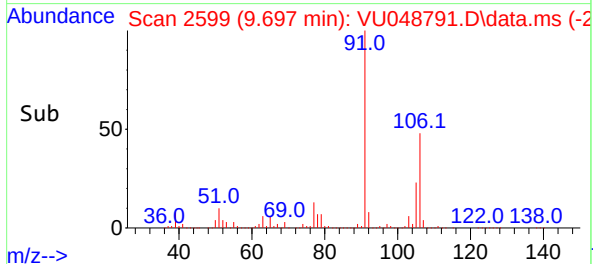
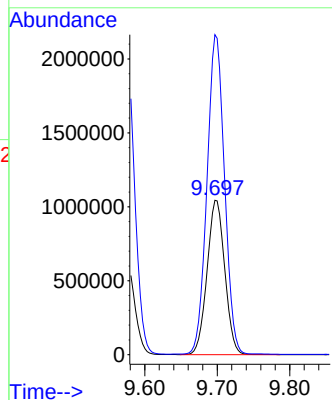
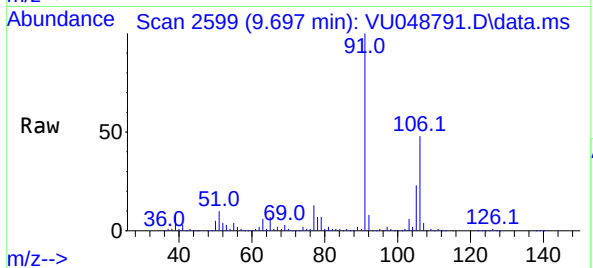
SS-2ME

Tgt Ion:106 Resp: 1768990

Ion Ratio Lower Upper

106 100

91 205.8 162.4 243.6



#69

o-Xylene

Concen: 20.794 ug/l

RT: 10.102 min Scan# 2725

Delta R.T. 0.003 min

Lab File: VU048791.D

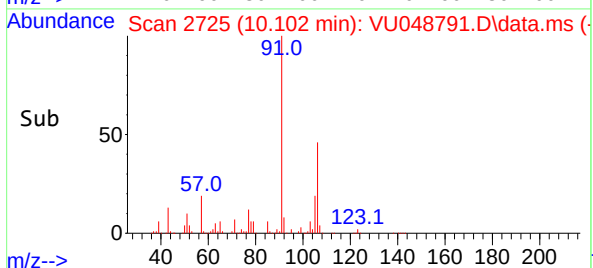
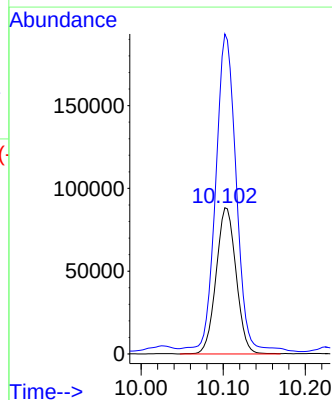
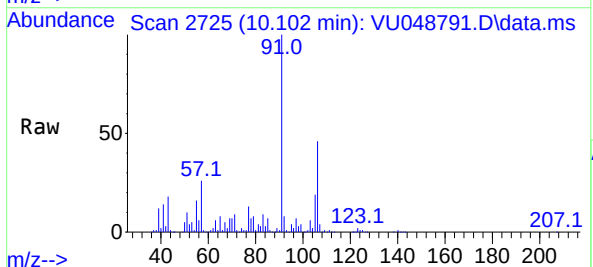
Acq: 01 Jun 2022 19:40

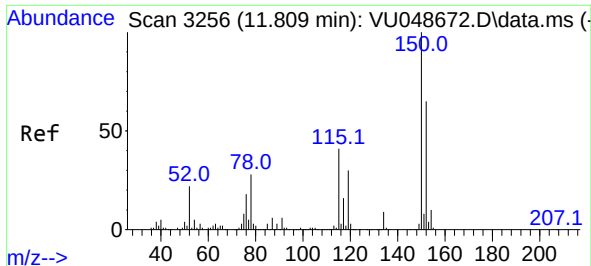
Tgt Ion:106 Resp: 149471

Ion Ratio Lower Upper

106 100

91 223.3 107.7 323.3

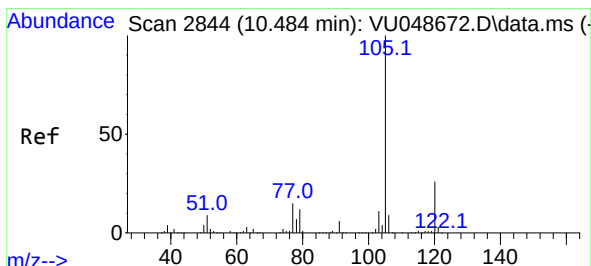
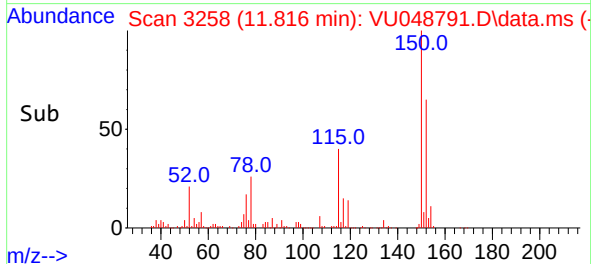
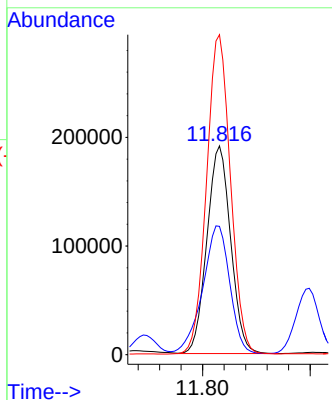
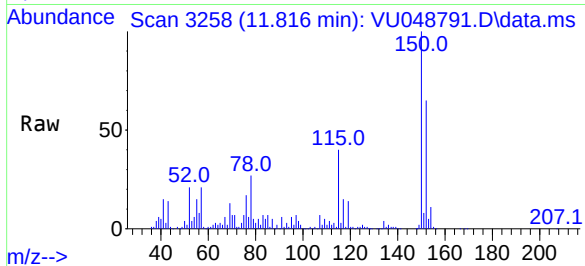




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 31
Delta R.T. 0.006 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

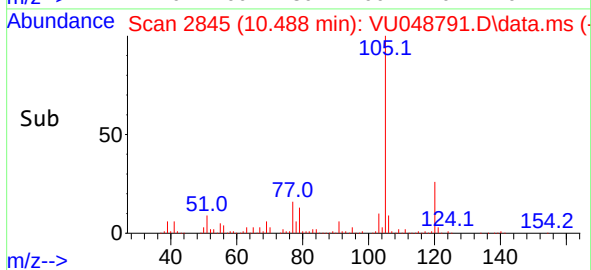
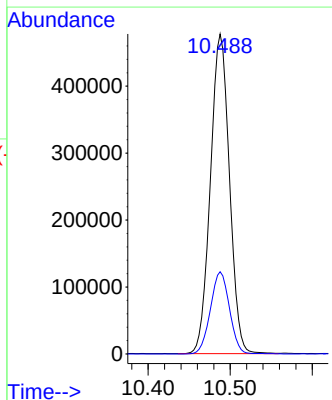
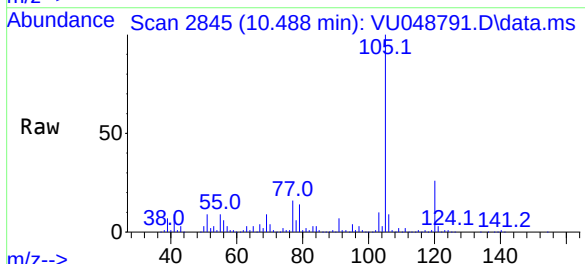
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

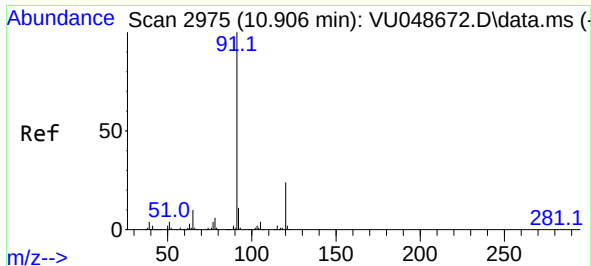
Tgt Ion:152 Resp: 293461
Ion Ratio Lower Upper
152 100
115 70.9 41.8 125.4
150 154.7 0.0 341.0



#73
Isopropylbenzene
Concen: 40.608 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion:105 Resp: 769343
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.6

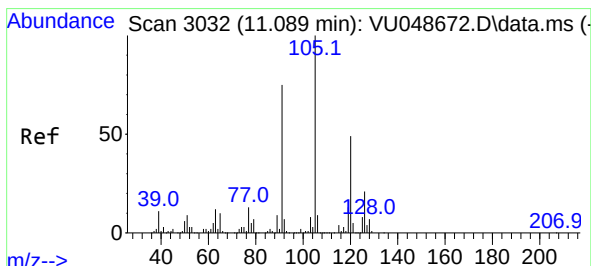
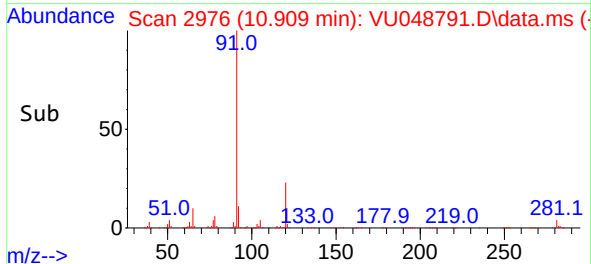
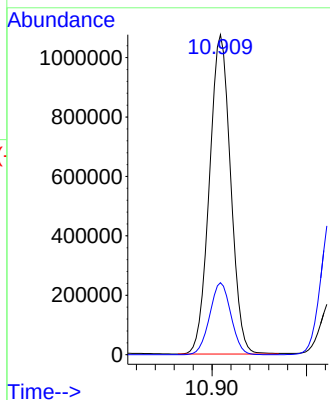
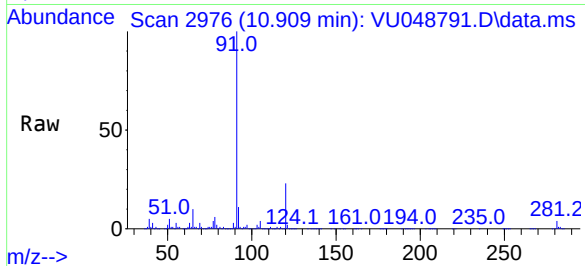




#78
n-propylbenzene
Concen: 74.203 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

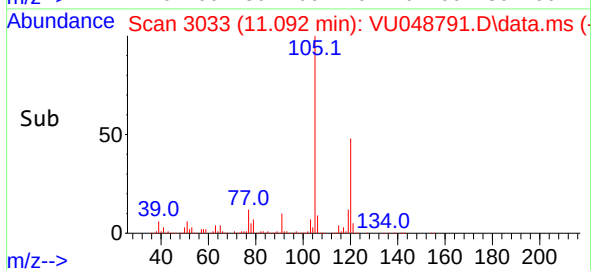
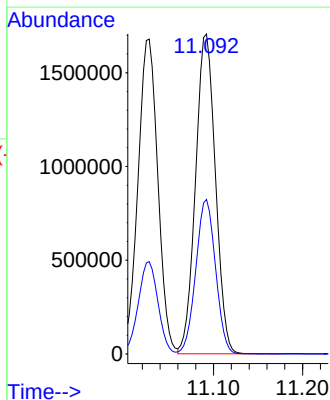
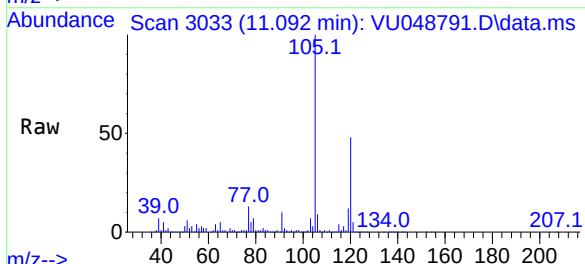
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

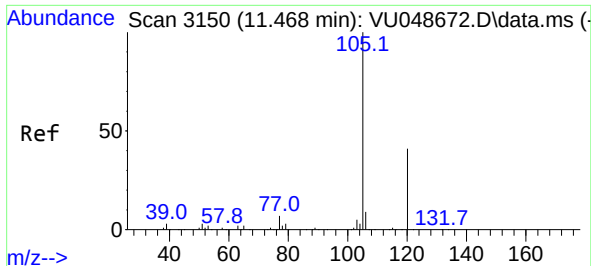
Tgt Ion: 91 Resp: 1675169
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 160.375 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion:105 Resp: 2642298
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3

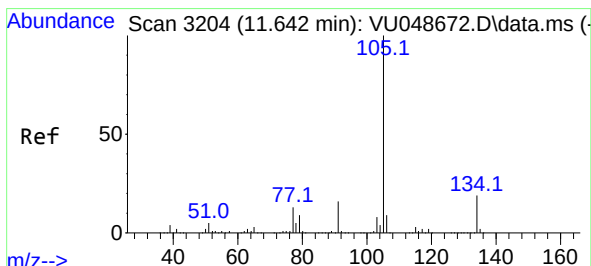
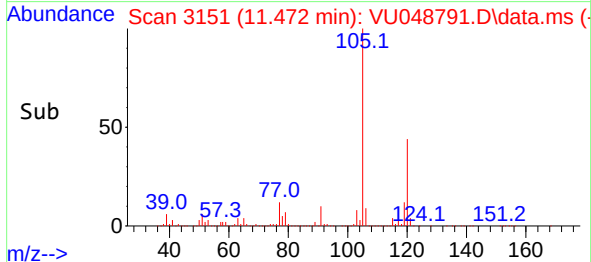
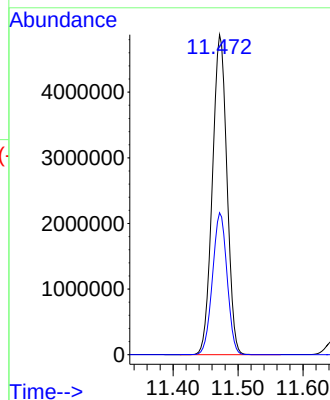
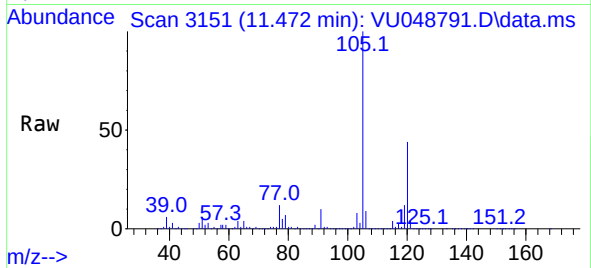




#84
1,2,4-Trimethylbenzene
Concen: 417.835 ug/l
RT: 11.472 min Scan# 3150
Delta R.T. 0.004 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

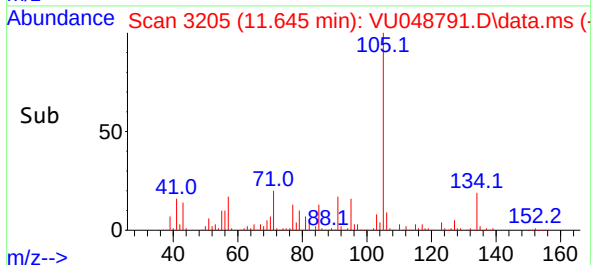
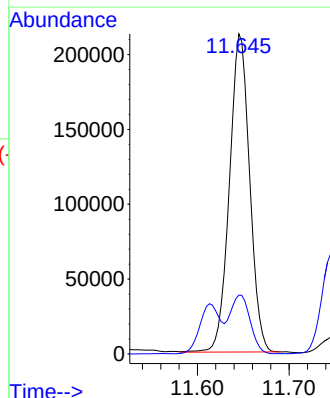
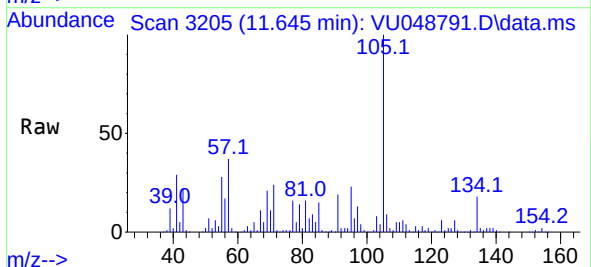
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

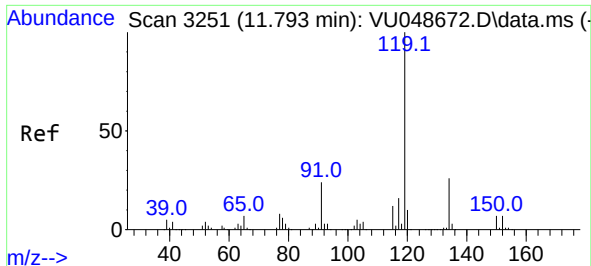
Tgt Ion:105 Resp: 7578032
Ion Ratio Lower Upper
105 100
120 44.5 22.5 67.5



#85
sec-Butylbenzene
Concen: 16.403 ug/l
RT: 11.645 min Scan# 3205
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Tgt Ion:105 Resp: 324489
Ion Ratio Lower Upper
105 100
134 18.5 9.6 28.6

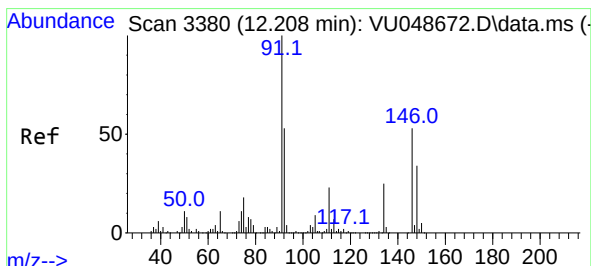
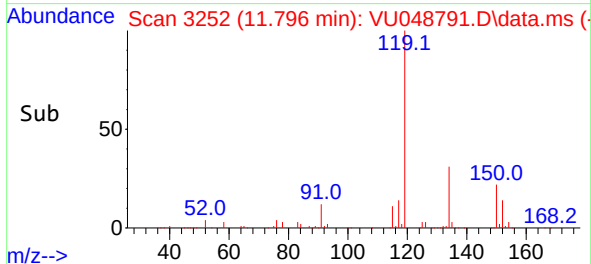
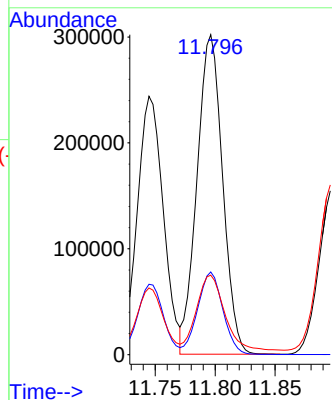
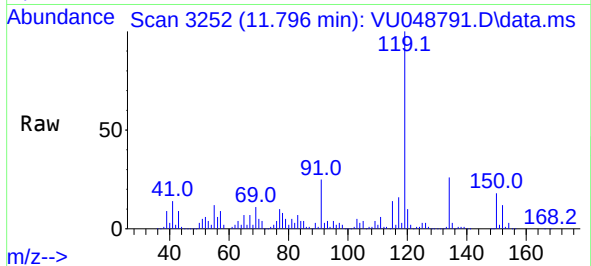




#86
p-Isopropyltoluene
Concen: 26.362 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

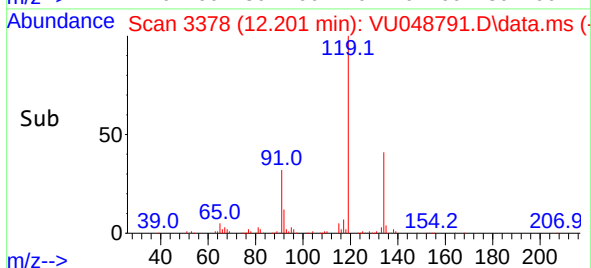
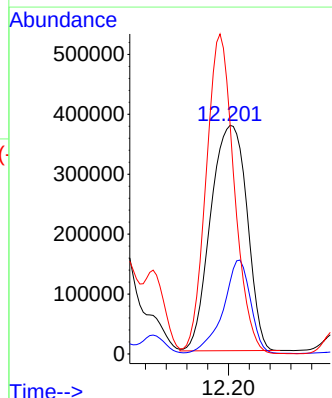
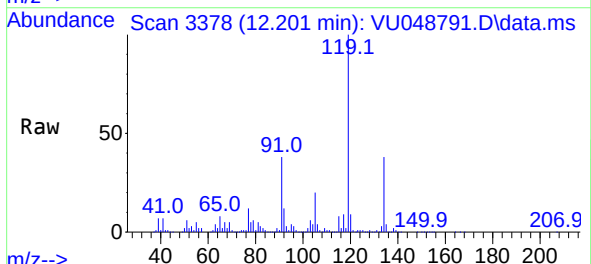
Instrument :
MSVOA_U
ClientSampleId :
SS-2ME

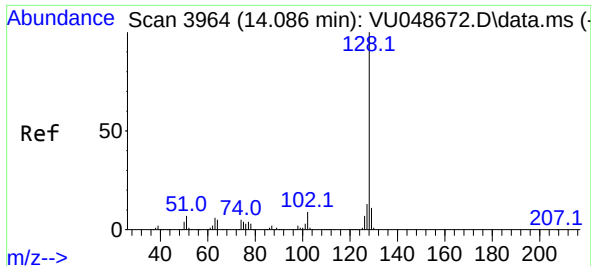
Tgt Ion:119 Resp: 447847
Ion Ratio Lower Upper
119 100
134 25.5 12.8 38.4
91 25.6 12.0 36.0



#89
n-Butylbenzene
Concen: 53.574 ug/l
RT: 12.201 min Scan# 3378
Delta R.T. -0.007 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

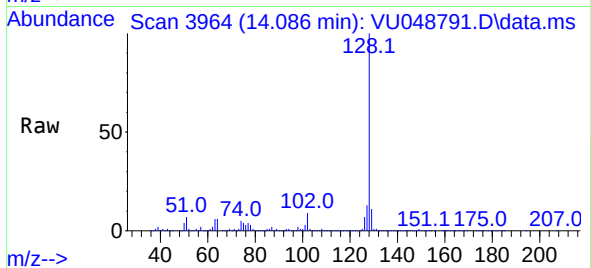
Tgt Ion: 91 Resp: 913785
Ion Ratio Lower Upper
91 100
92 31.1 25.9 77.8
134 109.8 12.5 37.5#





#95
Naphthalene
Concen: 98.789 ug/l
RT: 14.086 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU048791.D
Acq: 01 Jun 2022 19:40

Instrument :
MSVOA_U
ClientSampleId :
SS-2ME



Tgt Ion:128 Resp: 2342098
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.1 8.7 13.1

