

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041221\
 Data File : VU043033.D
 Acq On : 12 Apr 2021 19:05
 Operator : SY/MD
 Sample : M1946-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 FS-SB9

Quant Time: Apr 13 05:15:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U041221W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 12 13:17:29 2021
 Response via : Initial Calibration

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

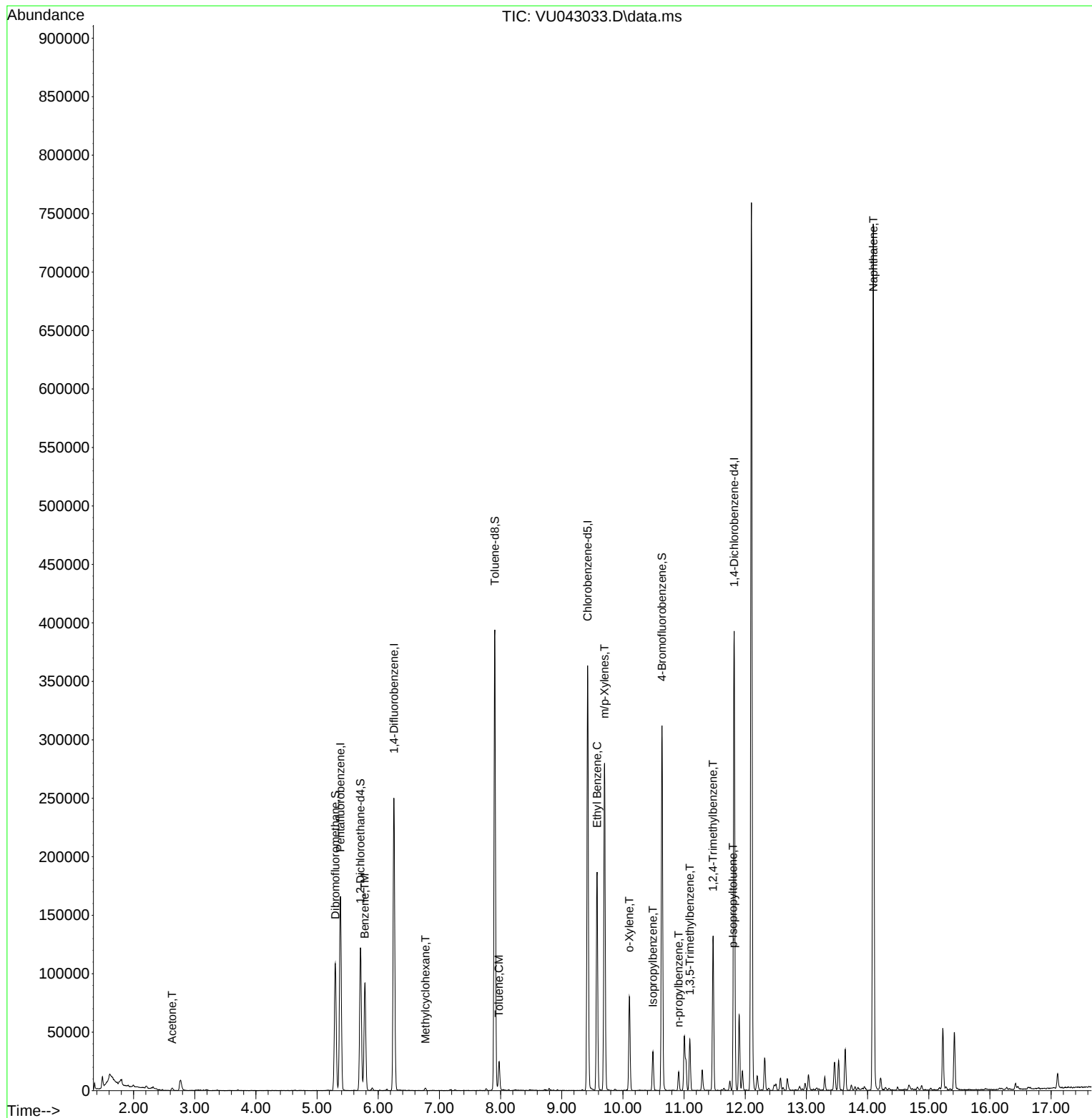
Internal Standards						
1) Pentafluorobenzene	5.382	168	113631	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	187426	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	179359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	94098	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	94116	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.298	113	65680	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
50) Toluene-d8	7.906	98	239461	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
62) 4-Bromofluorobenzene	10.639	95	91407	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.629	43	2951	2.32	ug/l #	88
39) Methylcyclohexane	6.771	83	849	0.39	ug/l	86
40) Benzene	5.780	78	78669	13.85	ug/l	100
52) Toluene	7.973	92	9188	2.61	ug/l	97
67) Ethyl Benzene	9.578	91	123596	17.80	ug/l	99
68) m/p-Xylenes	9.700	106	71839	27.97	ug/l	100
69) o-Xylene	10.105	106	19845	7.92	ug/l	99
73) Isopropylbenzene	10.491	105	20132	3.19	ug/l	98
78) n-propylbenzene	10.912	91	11198	1.48	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	22674	4.07	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	69140	12.07	ug/l	99
86) p-Isopropyltoluene	11.799	119	2690	0.45	ug/l #	67
95) Naphthalene	14.095	128	551391	79.31	ug/l	100

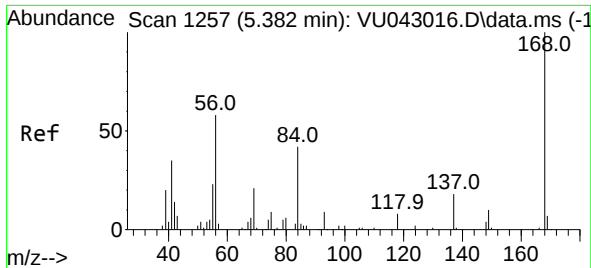
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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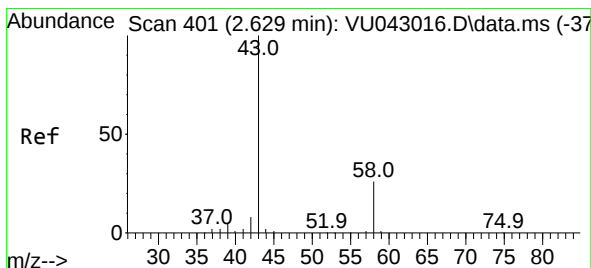
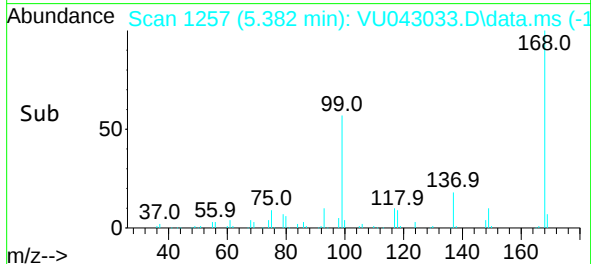
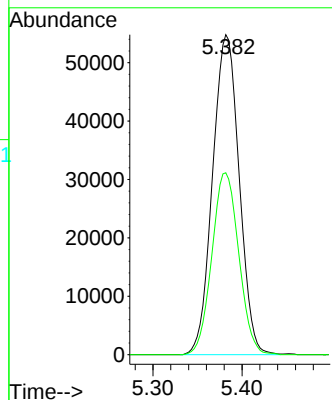
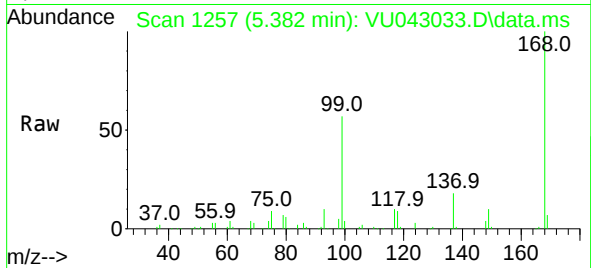




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

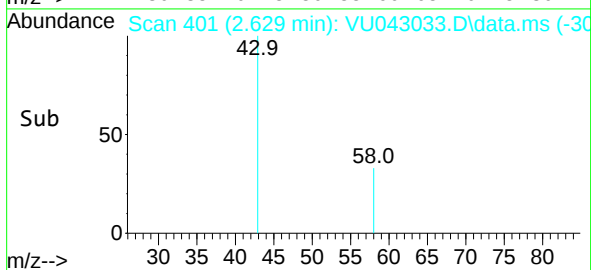
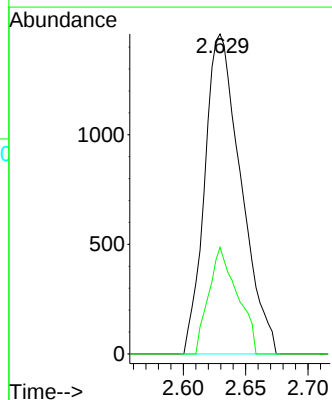
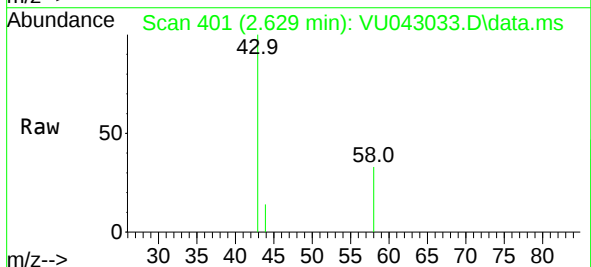
Instrument :
MSVOA_U
ClientSampleId :
FS-SB9

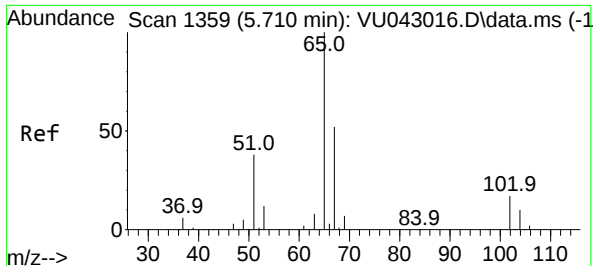
Tgt Ion:168 Resp: 113631
Ion Ratio Lower Upper
168 100
99 56.9 45.0 67.4



#16
Acetone
Concen: 2.32 ug/l
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 43 Resp: 2951
Ion Ratio Lower Upper
43 100
58 33.3 21.5 32.3#





#33

1,2-Dichloroethane-d4

Concen: 49.27 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU043033.D

Acq: 12 Apr 2021 19:05

Tgt Ion: 65 Resp: 94116

Ion Ratio Lower Upper

65 100

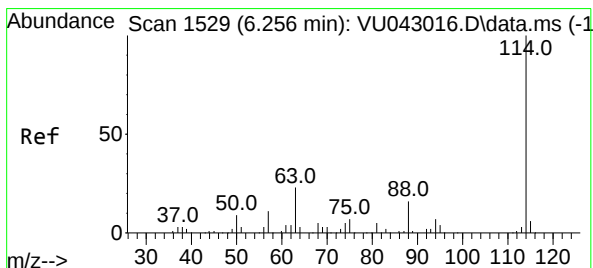
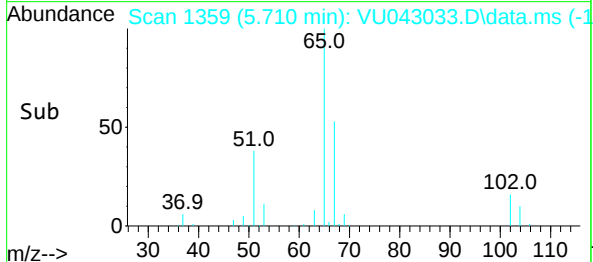
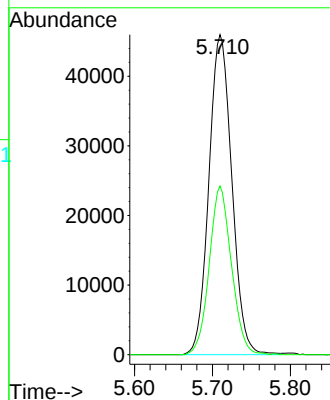
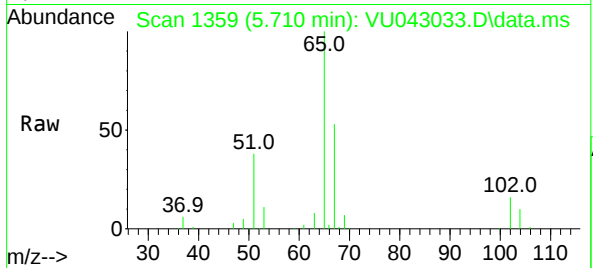
67 50.9 0.0 99.8

Instrument :

MSVOA_U

ClientSampled :

FS-SB9



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. 0.000 min

Lab File: VU043033.D

Acq: 12 Apr 2021 19:05

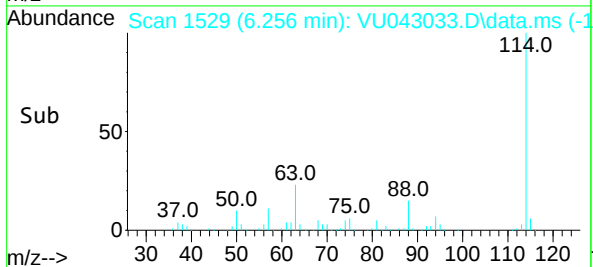
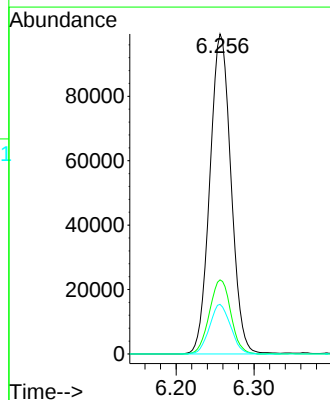
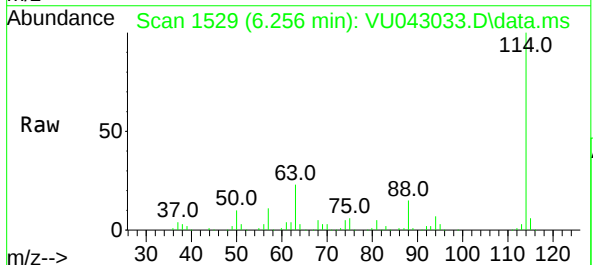
Tgt Ion: 114 Resp: 187426

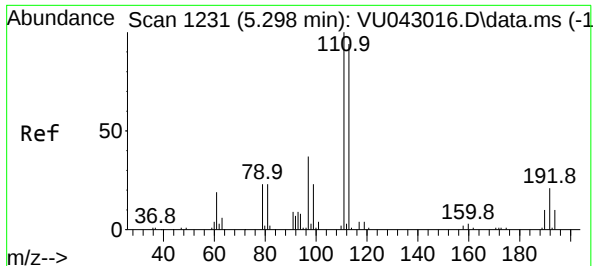
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.2

88 15.5 0.0 33.4

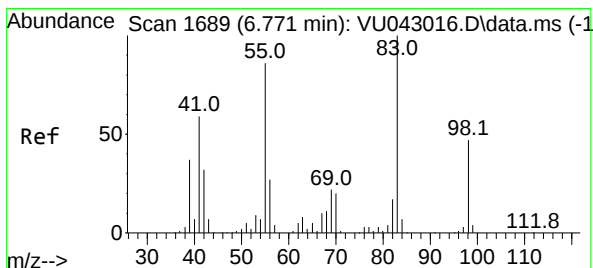
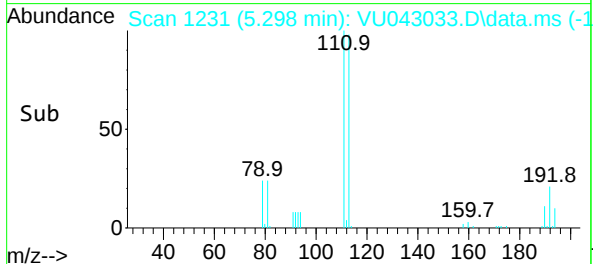
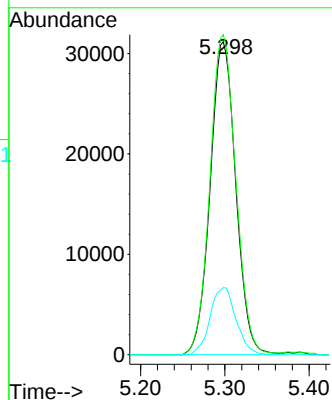
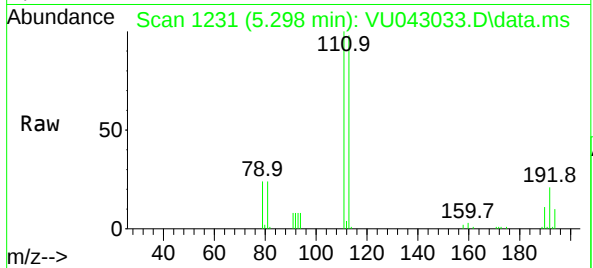




#35
Dibromofluoromethane
Concen: 46.64 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

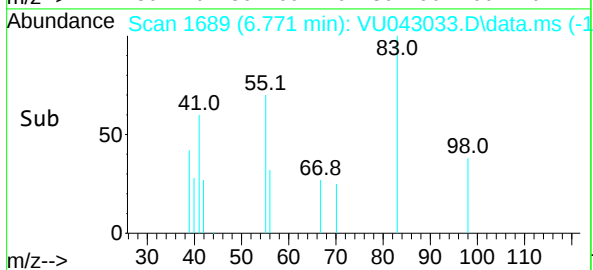
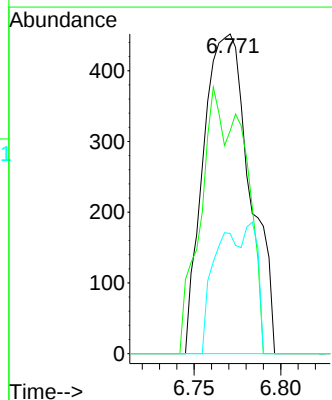
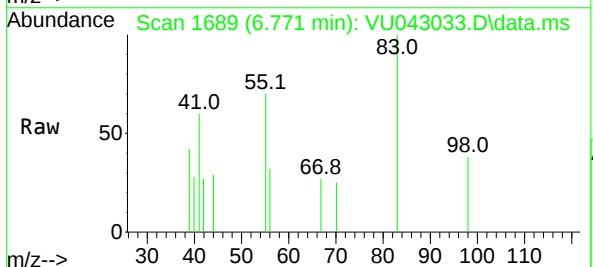
Instrument :
MSVOA_U
ClientSampleId :
FS-SB9

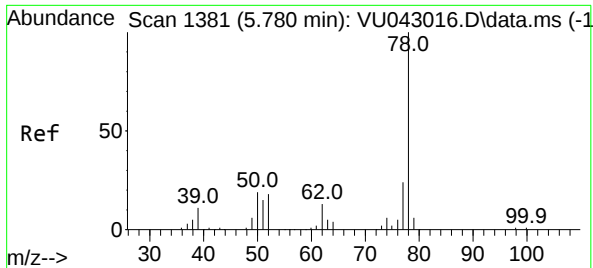
Tgt Ion:113 Resp: 65680
Ion Ratio Lower Upper
113 100
111 103.5 81.8 122.8
192 21.7 17.2 25.8



#39
Methylcyclohexane
Concen: 0.39 ug/l
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 83 Resp: 849
Ion Ratio Lower Upper
83 100
55 69.7 66.8 100.2
98 37.6 36.9 55.3

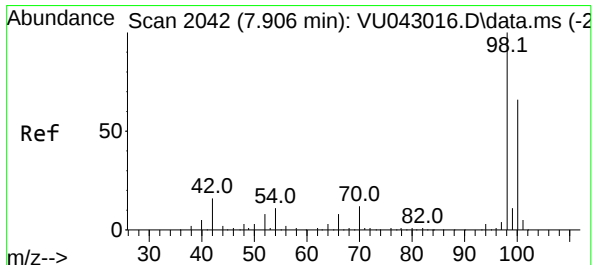
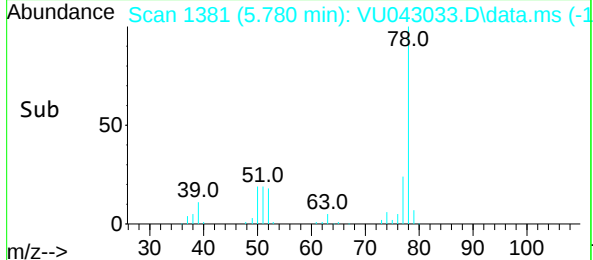
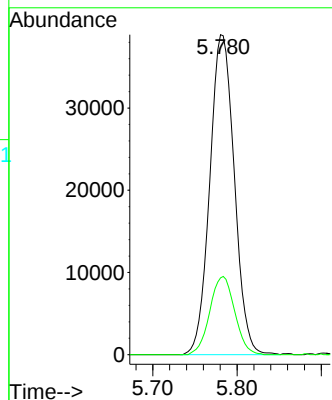
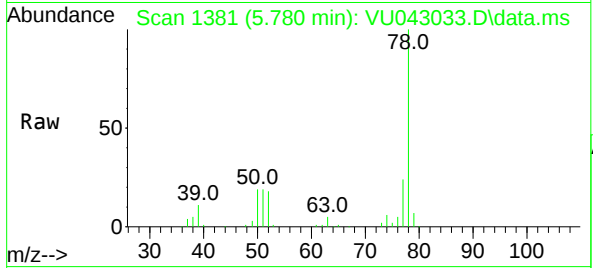




#40
Benzene
Concen: 13.85 ug/l
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

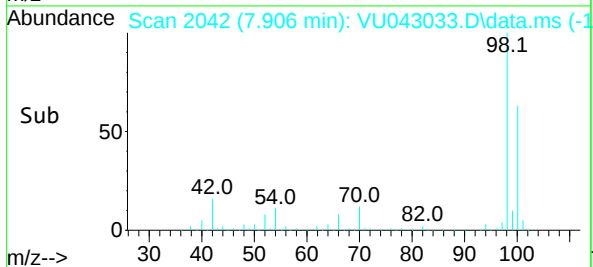
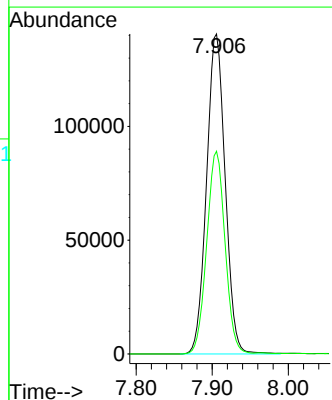
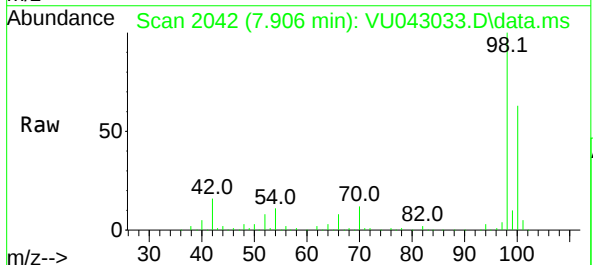
Instrument :
MSVOA_U
ClientSampled :
FS-SB9

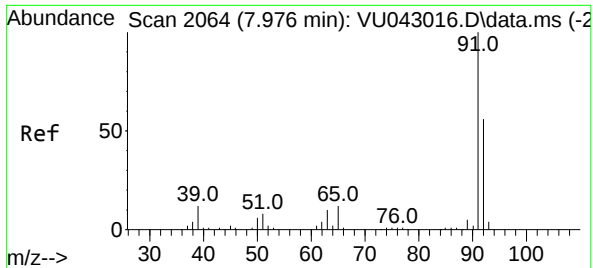
Tgt Ion: 78 Resp: 78669
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9



#50
Toluene-d8
Concen: 48.05 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 98 Resp: 239461
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2

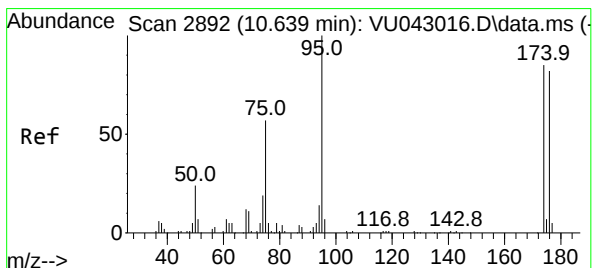
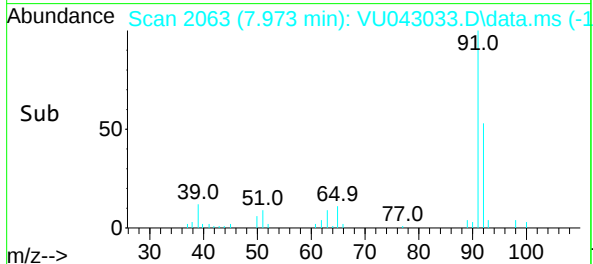
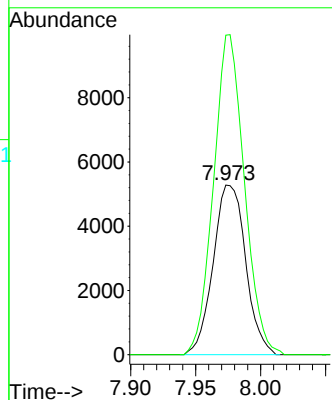
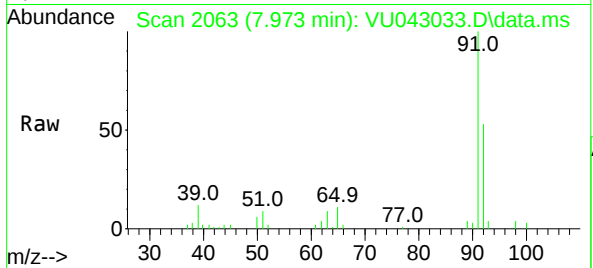




#52
Toluene
Concen: 2.61 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

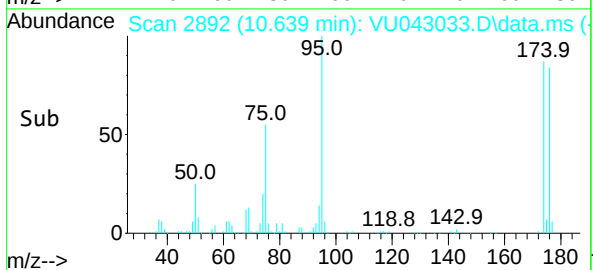
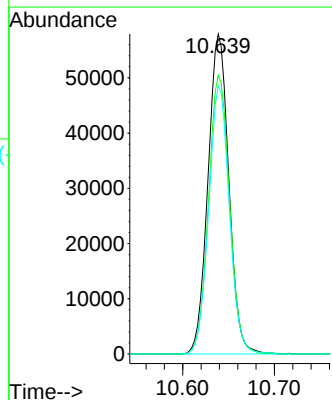
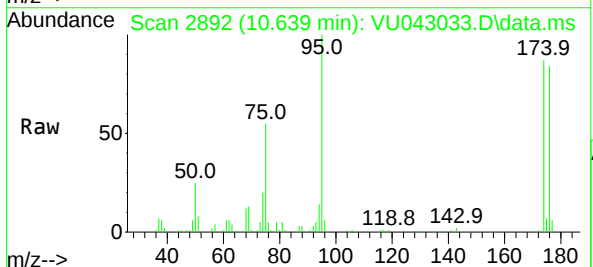
Instrument :
MSVOA_U
ClientSampled :
FS-SB9

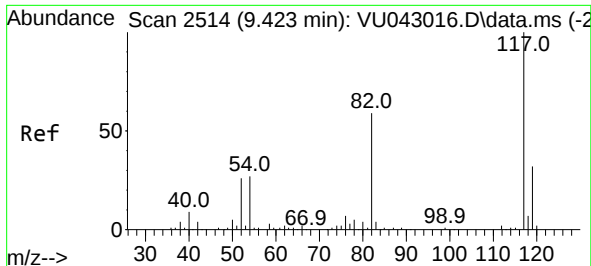
Tgt Ion: 92 Resp: 9188
Ion Ratio Lower Upper
92 100
91 178.9 140.3 210.5



#62
4-Bromofluorobenzene
Concen: 45.80 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 95 Resp: 91407
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.2
176 82.9 0.0 168.8

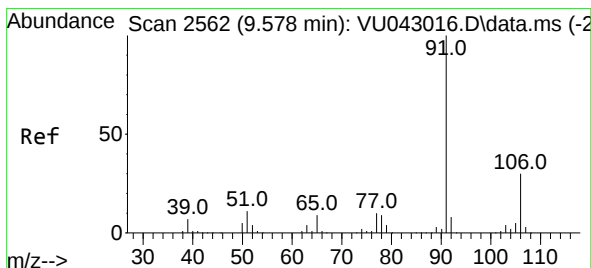
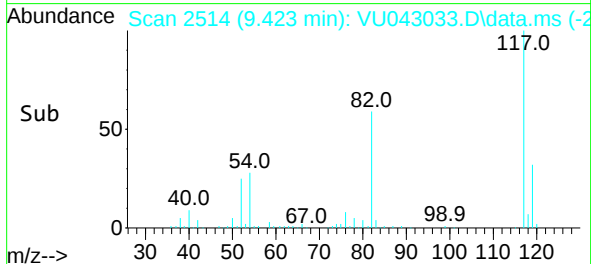
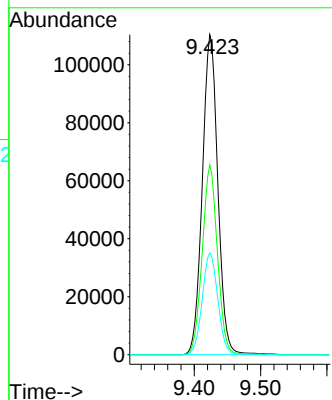
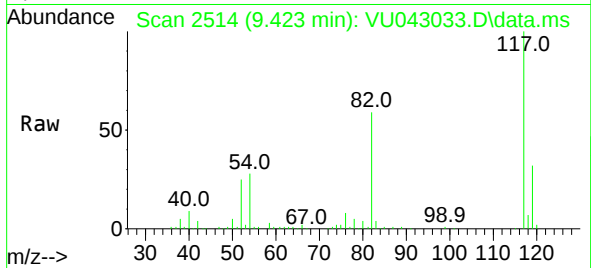




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

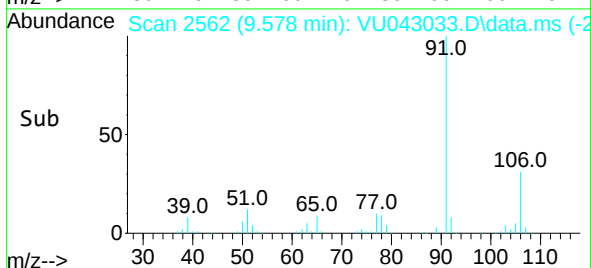
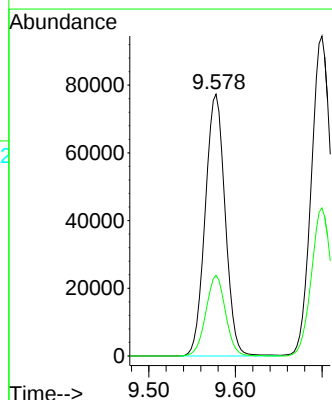
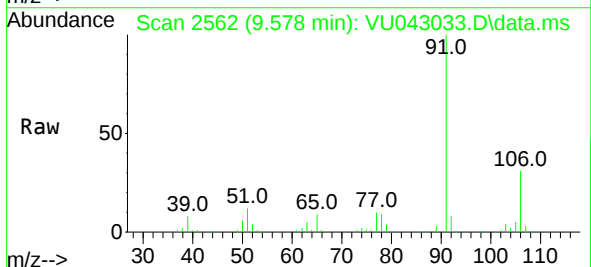
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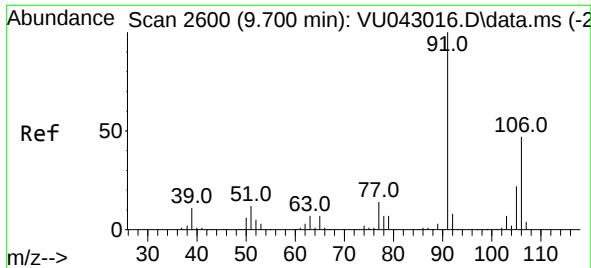
Tgt Ion:117 Resp: 179359
Ion Ratio Lower Upper
117 100
82 59.4 45.8 68.6
119 31.8 25.8 38.8



#67
Ethyl Benzene
Concen: 17.80 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 91 Resp: 123596
Ion Ratio Lower Upper
91 100
106 30.8 24.1 36.1

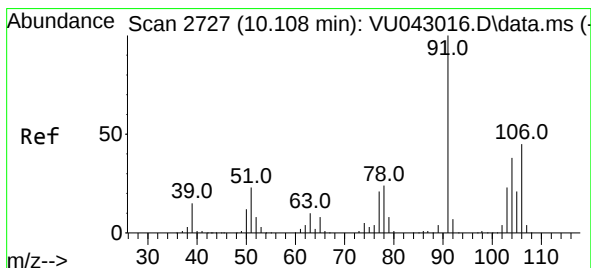
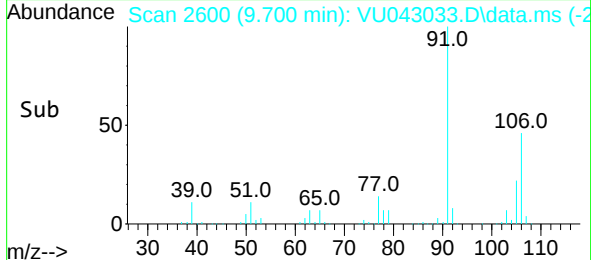
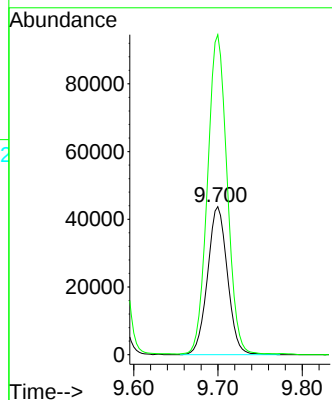
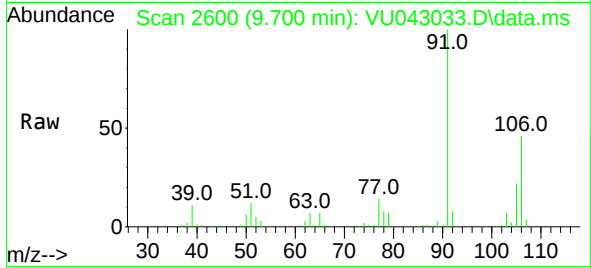




#68
m/p-Xylenes
Concen: 27.97 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

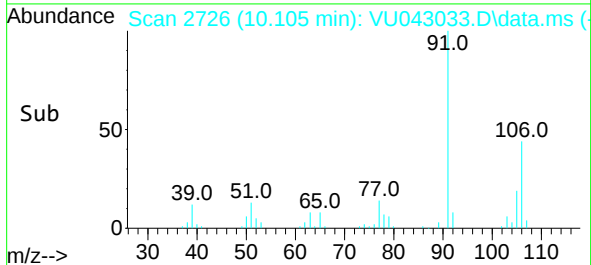
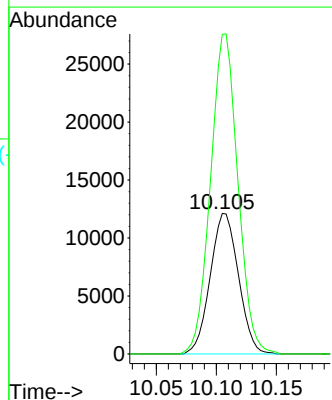
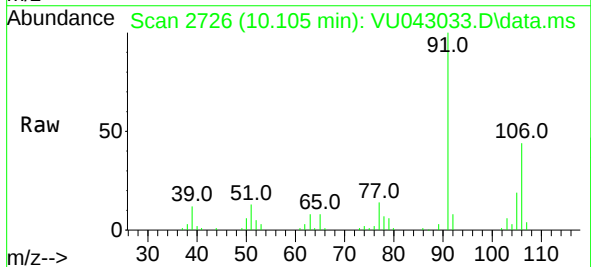
Instrument :
MSVOA_U
ClientSampleId :
FS-SB9

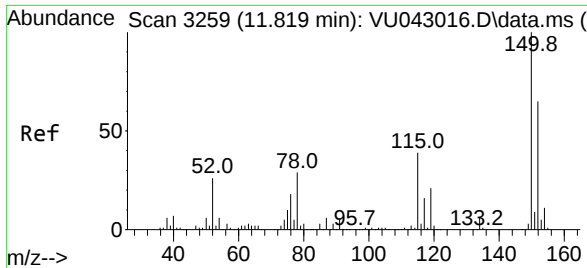
Tgt Ion:106 Resp: 71839
Ion Ratio Lower Upper
106 100
91 212.6 169.9 254.9



#69
o-Xylene
Concen: 7.92 ug/l
RT: 10.105 min Scan# 2726
Delta R.T. -0.003 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion:106 Resp: 19845
Ion Ratio Lower Upper
106 100
91 220.5 111.2 333.6

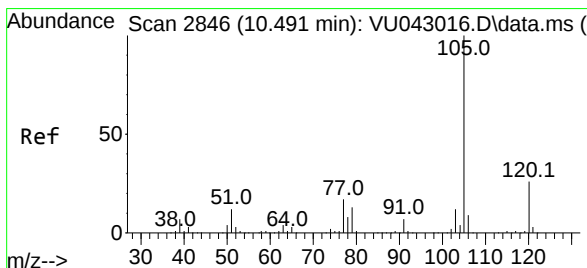
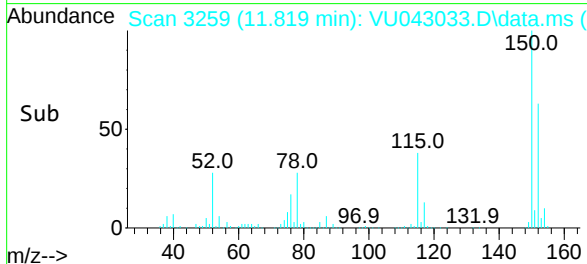
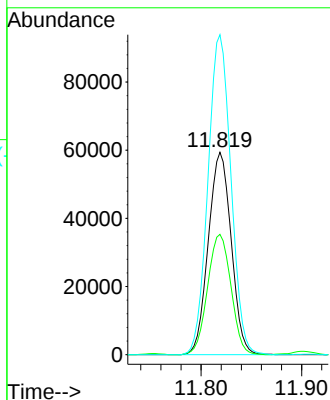
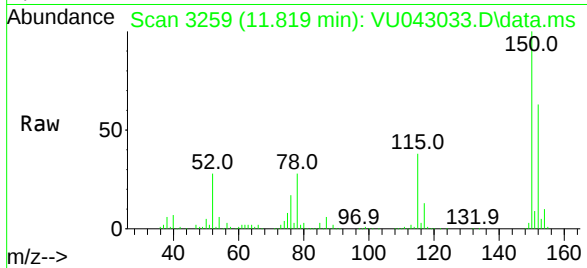




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 11.819 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU043033.D
 Acq: 12 Apr 2021 19:05

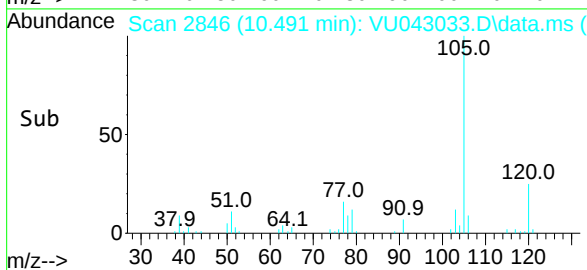
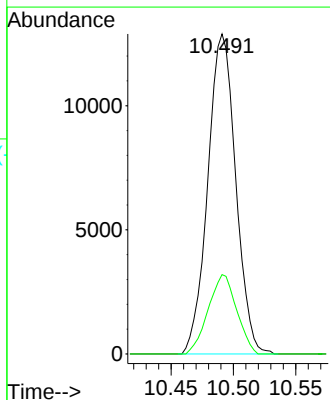
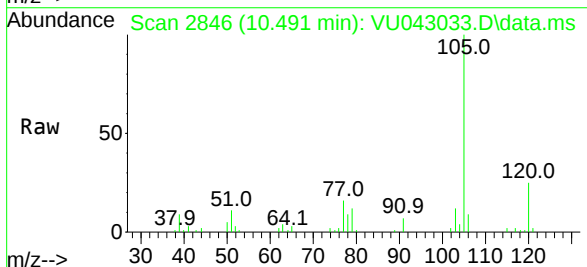
Instrument :
 MSVOA_U
 ClientSampled :
 FS-SB9

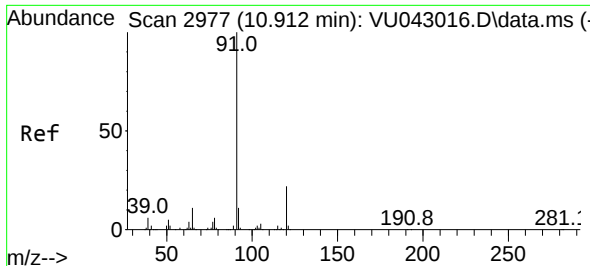
Tgt Ion:152 Resp: 94098
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.5 124.6
 150 158.4 0.0 342.4



#73
 Isopropylbenzene
 Concen: 3.19 ug/l
 RT: 10.491 min Scan# 2846
 Delta R.T. -0.000 min
 Lab File: VU043033.D
 Acq: 12 Apr 2021 19:05

Tgt Ion:105 Resp: 20132
 Ion Ratio Lower Upper
 105 100
 120 25.1 13.1 39.3

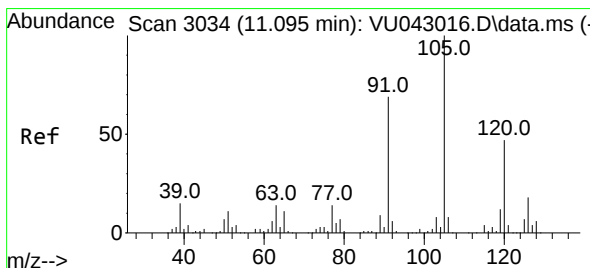
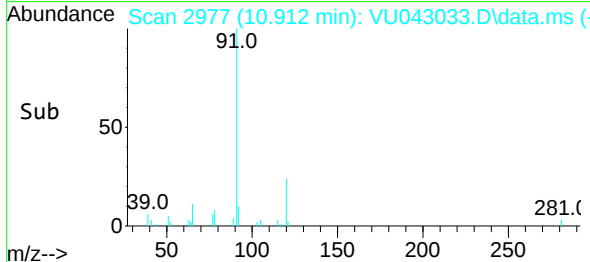
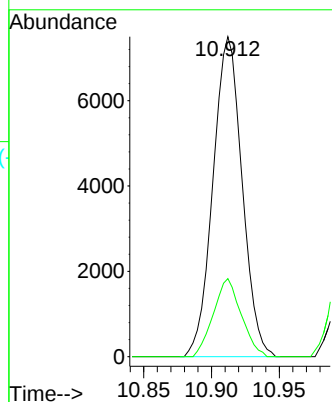
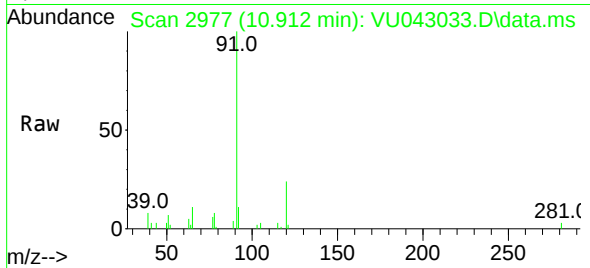




#78
n-propylbenzene
Concen: 1.48 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

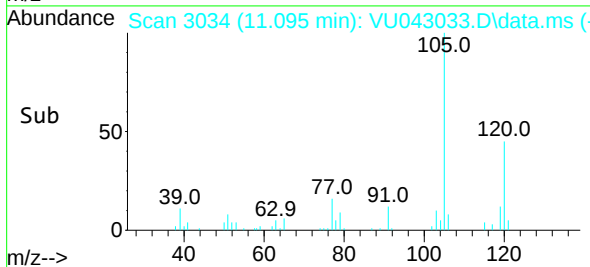
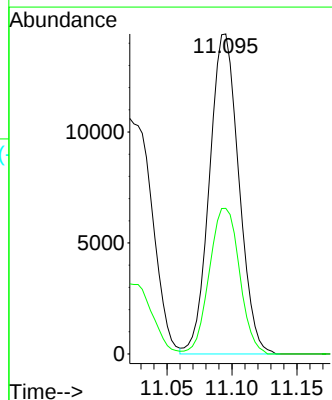
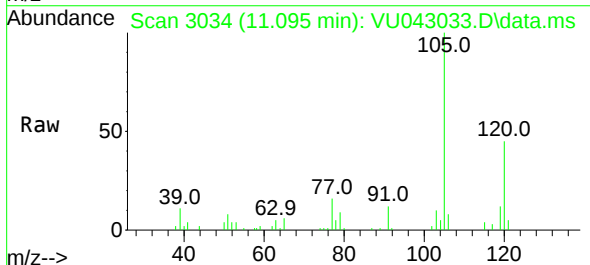
Instrument :
MSVOA_U
ClientSampled :
FS-SB9

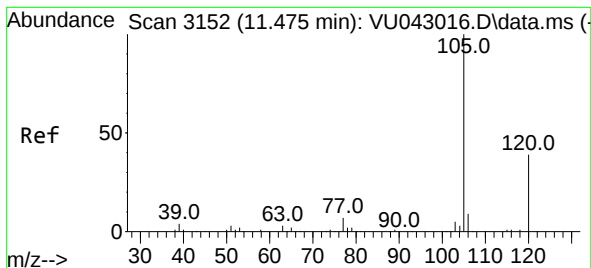
Tgt Ion: 91 Resp: 11198
Ion Ratio Lower Upper
91 100
120 23.3 11.2 33.6



#80
1,3,5-Trimethylbenzene
Concen: 4.07 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion: 105 Resp: 22674
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.4

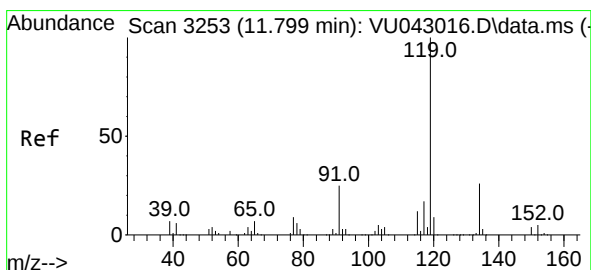
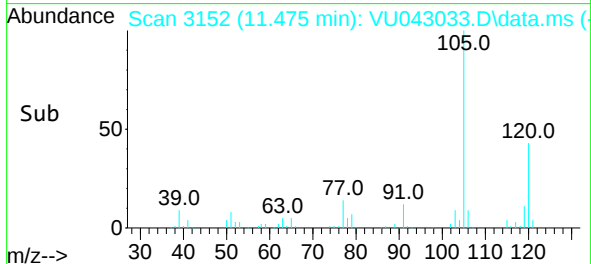
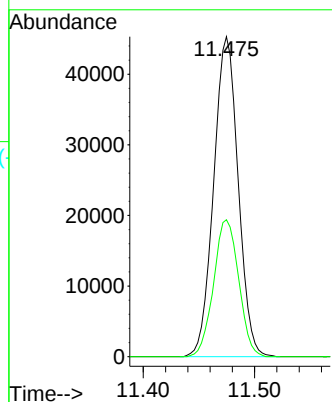
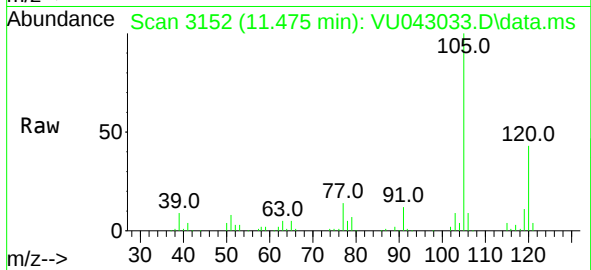




#84
1,2,4-Trimethylbenzene
Concen: 12.07 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

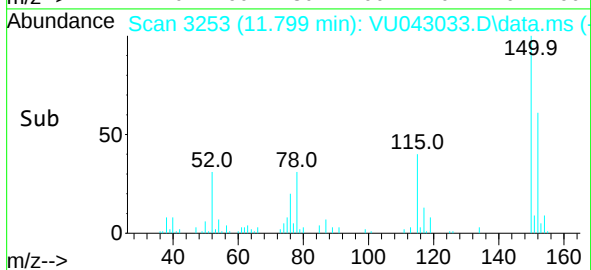
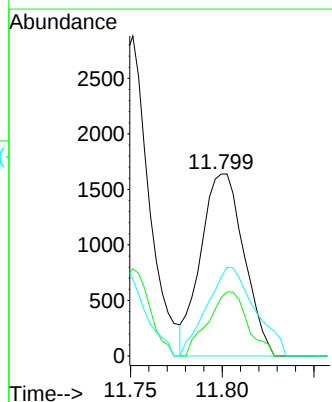
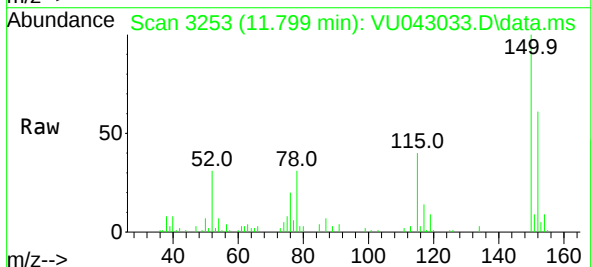
Instrument :
MSVOA_U
ClientSampled :
FS-SB9

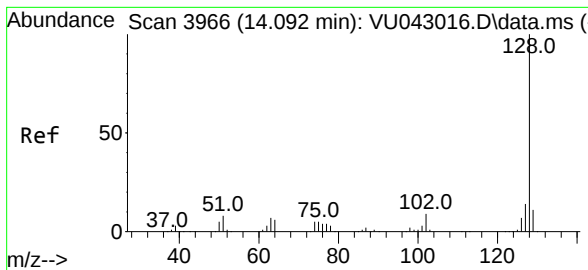
Tgt Ion:105 Resp: 69140
Ion Ratio Lower Upper
105 100
120 43.9 22.3 66.8



#86
p-Isopropyltoluene
Concen: 0.45 ug/l
RT: 11.799 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Tgt Ion:119 Resp: 2690
Ion Ratio Lower Upper
119 100
134 32.2 13.2 39.6
91 53.9 12.8 38.3#





#95
Naphthalene
Concen: 79.31 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU043033.D
Acq: 12 Apr 2021 19:05

Instrument :
MSVOA_U
ClientSampleId :
FS-SB9

Tgt Ion:128 Resp: 551391
Ion Ratio Lower Upper
128 100
127 13.5 10.8 16.2
129 10.7 8.6 13.0

