

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045360.D
 Acq On : 22 Oct 2021 13:25
 Operator : SY/MD
 Sample : M4253-01
 Misc : 1.15g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 131

Quant Time: Oct 22 15:11:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 12:32:13 2021
 Response via : Initial Calibration

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

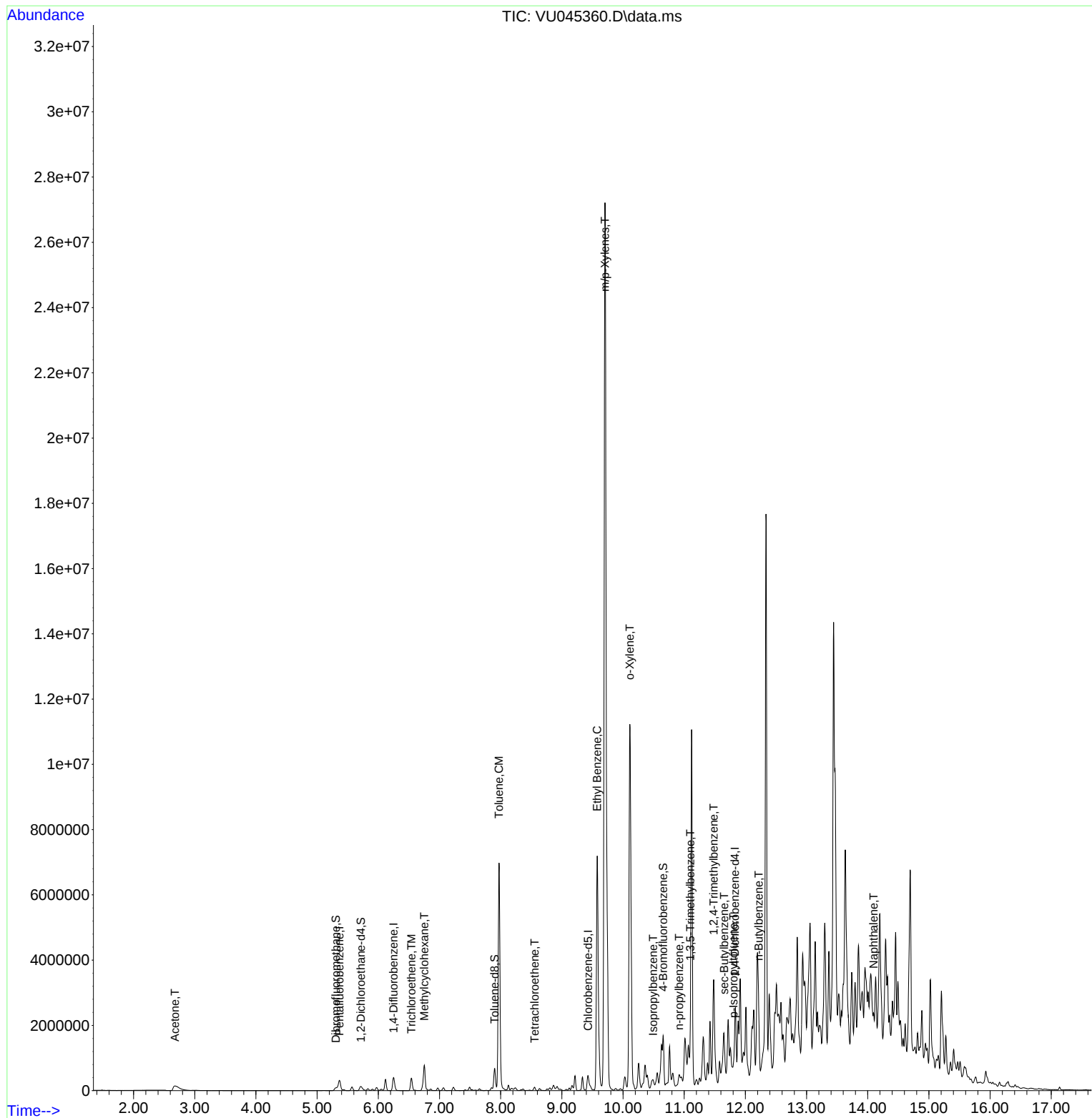
Internal Standards						
1) Pentafluorobenzene	5.366	168	215744	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	404181	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	373757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.828	152	167714	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.716	65	165411	46.058	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.120%
35) Dibromofluoromethane	5.308	113	111945	43.905	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.820%
50) Toluene-d8	7.903	98	516352	51.254	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.500%
62) 4-Bromofluorobenzene	10.655	95	191854	46.127	ug/l	0.02
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
16) Acetone	2.678	43	681943	319.899	ug/l	98
39) Methylcyclohexane	6.751	83	334209	64.409	ug/l	98
44) Trichloroethene	6.542	130	141658	47.727	ug/l	96
52) Toluene	7.973	92	3453599	438.332	ug/l	99
64) Tetrachloroethene	8.555	164	22952	9.409	ug/l	98
67) Ethyl Benzene	9.578	91	6716388	465.779	ug/l	100
68) m/p-Xylenes	9.706	106	10523236	1878.458	ug/l	93
69) o-Xylene	10.111	106	4090416	735.700	ug/l	100
73) Isopropylbenzene	10.494	105	191520	15.334	ug/l	100
78) n-propylbenzene	10.919	91	356024	23.392	ug/l	100
80) 1,3,5-Trimethylbenzene	11.102	105	419009	38.296	ug/l	99
84) 1,2,4-Trimethylbenzene	11.481	105	1636997	151.231	ug/l	100
85) sec-Butylbenzene	11.655	105	236442	17.252	ug/l	87
86) p-Isopropyltoluene	11.806	119	152751	13.856	ug/l	99
89) n-Butylbenzene	12.217	91	694086	68.356	ug/l #	56
95) Naphthalene	14.095	128	476737	38.525	ug/l #	93

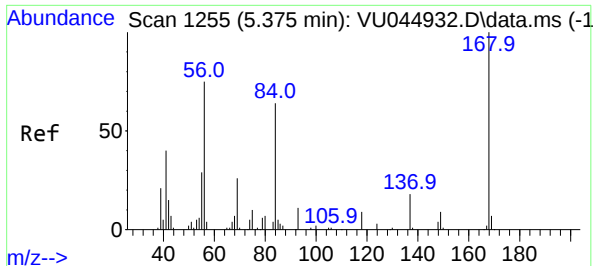
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 22 15:11:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092821W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

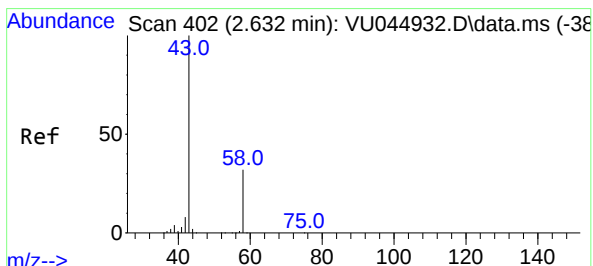
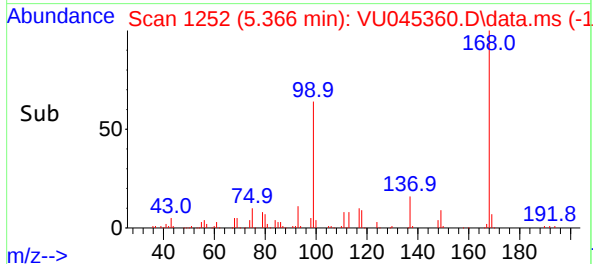
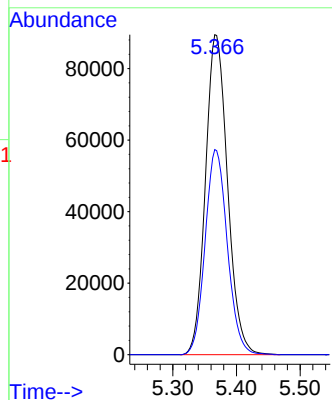
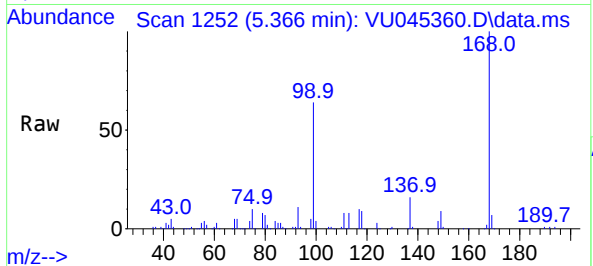




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.366 min Scan# 1252
Delta R.T. -0.009 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

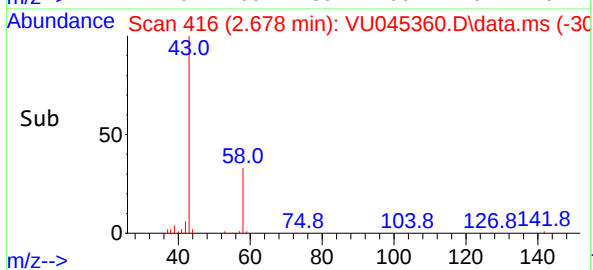
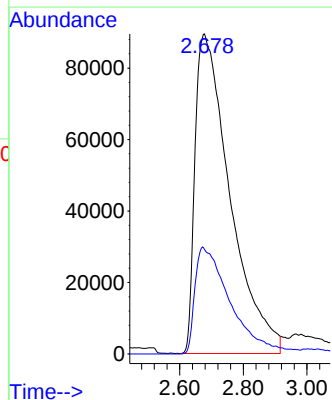
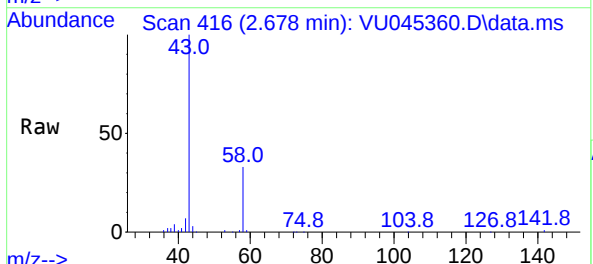
Instrument :
MSVOA_U
ClientSampled :
131

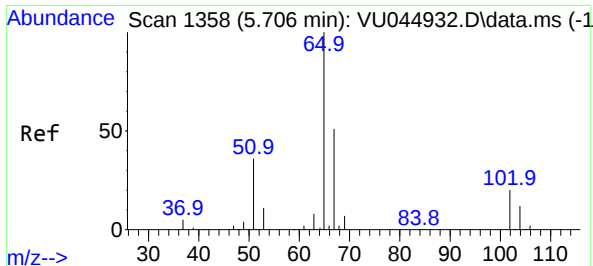
Tgt Ion:168 Resp: 215744
Ion Ratio Lower Upper
168 100
99 64.1 51.4 77.0



#16
Acetone
Concen: 319.899 ug/l
RT: 2.678 min Scan# 416
Delta R.T. 0.046 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 43 Resp: 681943
Ion Ratio Lower Upper
43 100
58 32.7 25.2 37.8



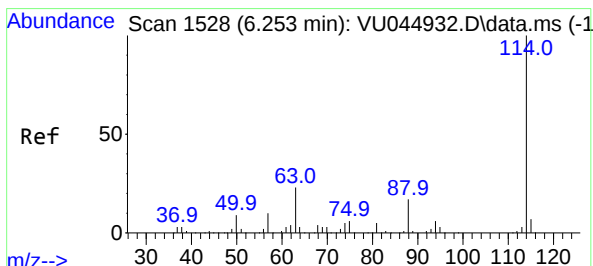
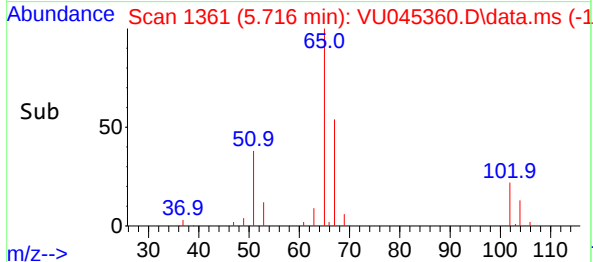
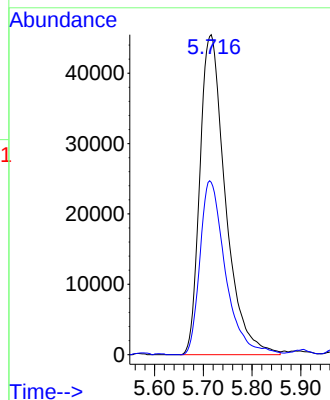
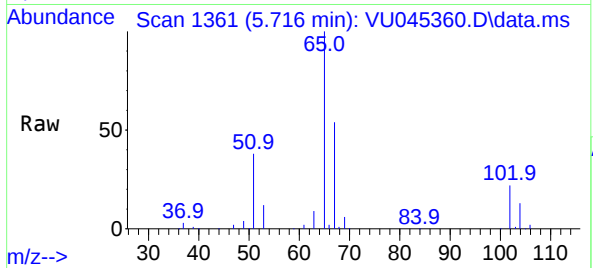


#33

1,2-Dichloroethane-d4
Concen: 46.058 ug/l
RT: 5.716 min Scan# 1361
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampled :
131

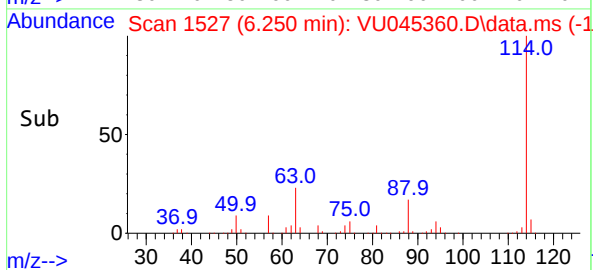
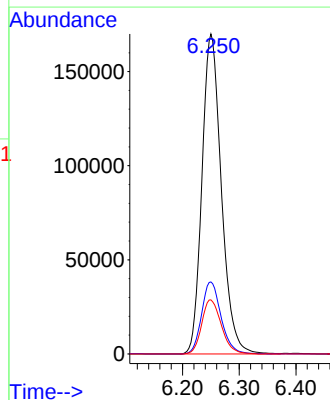
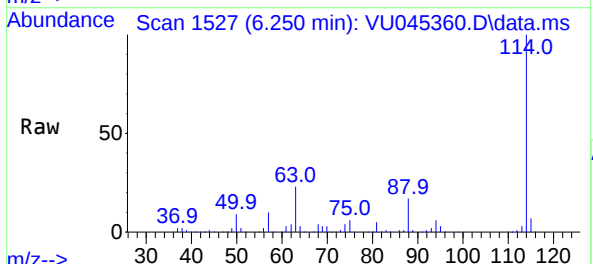
Tgt Ion: 65 Resp: 165411
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.8

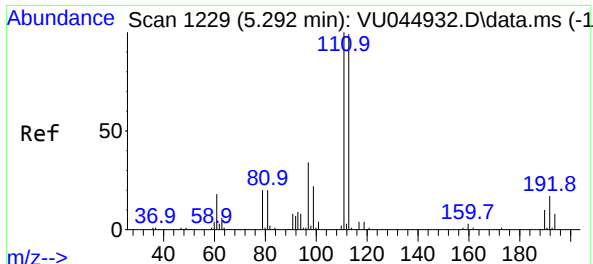


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 114 Resp: 404181
Ion Ratio Lower Upper
114 100
63 22.5 0.0 47.8
88 16.9 0.0 32.8

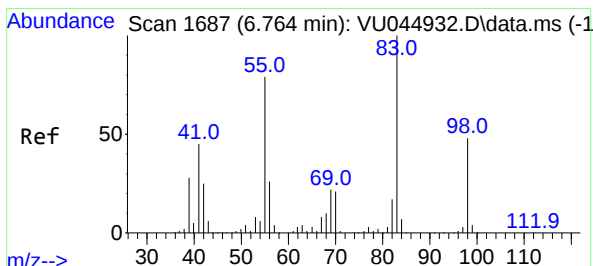
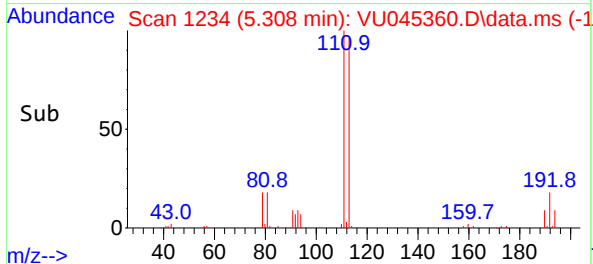
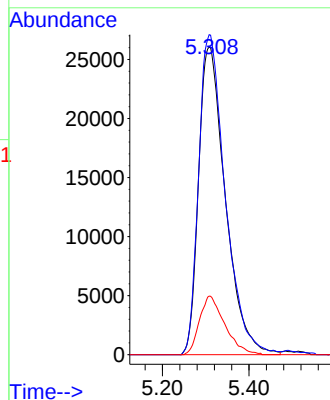
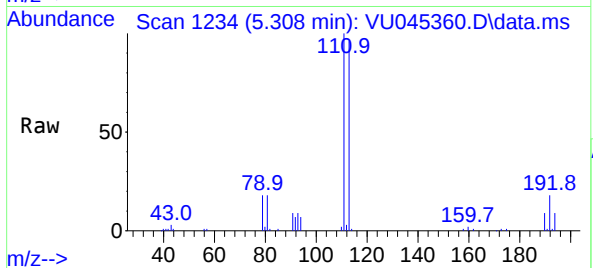




#35
Dibromofluoromethane
Concen: 43.905 ug/l
RT: 5.308 min Scan# 1234
Delta R.T. 0.016 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

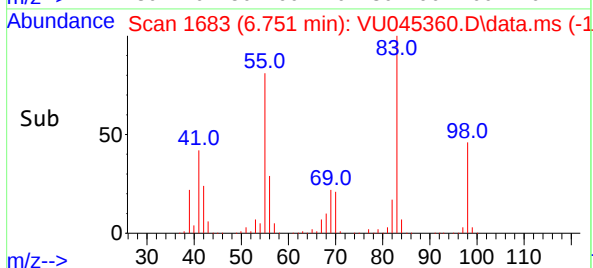
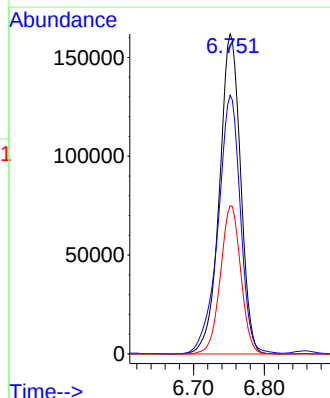
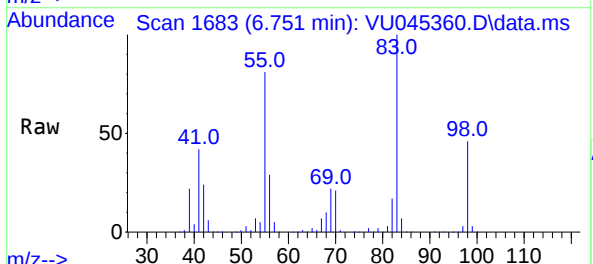
Instrument :
MSVOA_U
ClientSampled :
131

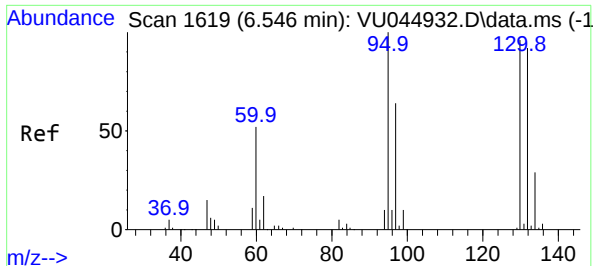
Tgt Ion:113 Resp: 111945
Ion Ratio Lower Upper
113 100
111 102.8 84.1 126.1
192 18.1 14.8 22.2



#39
Methylcyclohexane
Concen: 64.409 ug/l
RT: 6.751 min Scan# 1683
Delta R.T. -0.013 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 83 Resp: 334209
Ion Ratio Lower Upper
83 100
55 80.7 66.2 99.4
98 46.4 37.5 56.3

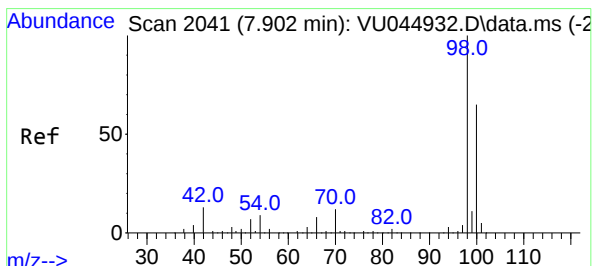
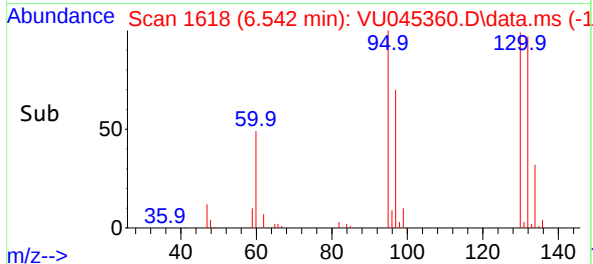
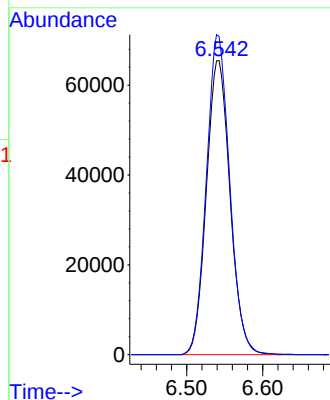
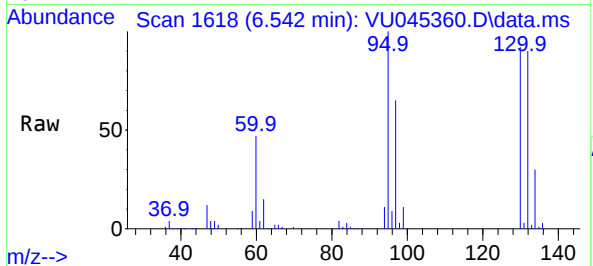




#44
Trichloroethene
Concen: 47.727 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.004 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

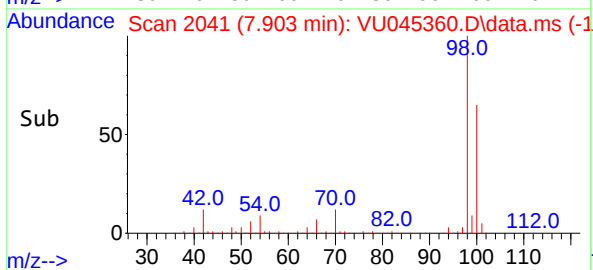
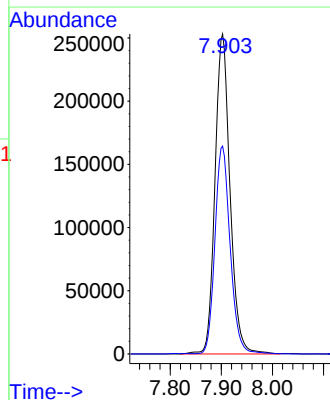
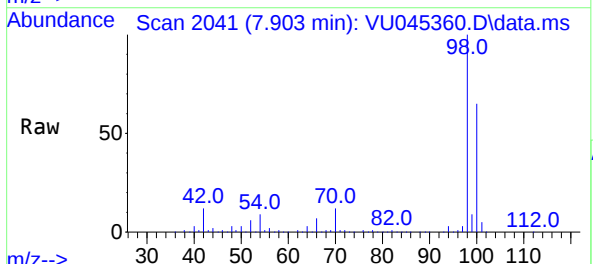
Instrument :
MSVOA_U
ClientSampled :
131

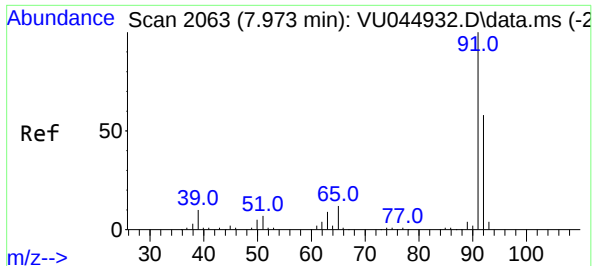
Tgt Ion:130 Resp: 141658
Ion Ratio Lower Upper
130 100
95 108.2 0.0 209.0



#50
Toluene-d8
Concen: 51.254 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 98 Resp: 516352
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7

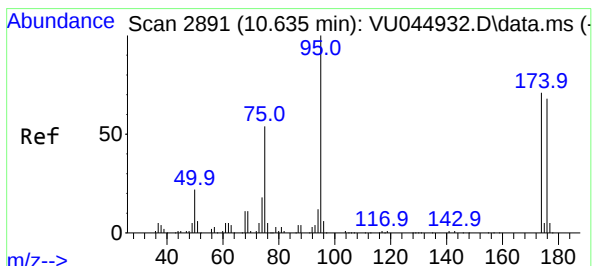
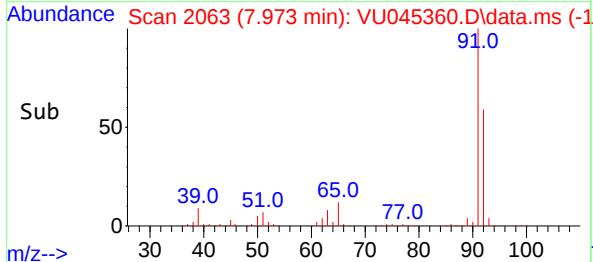
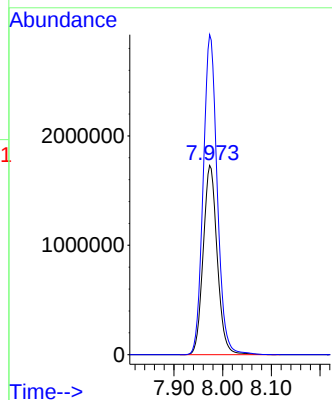
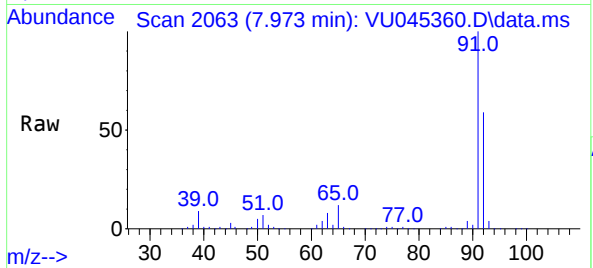




#52
Toluene
Concen: 438.332 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

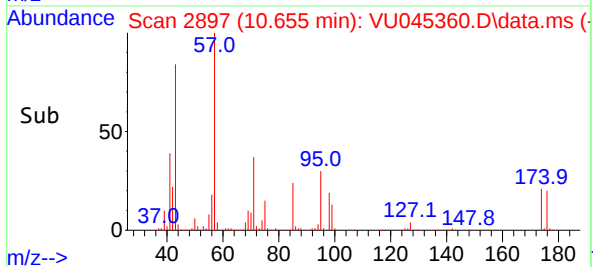
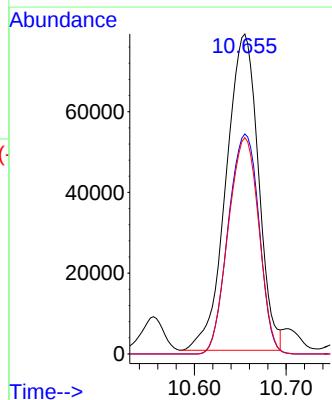
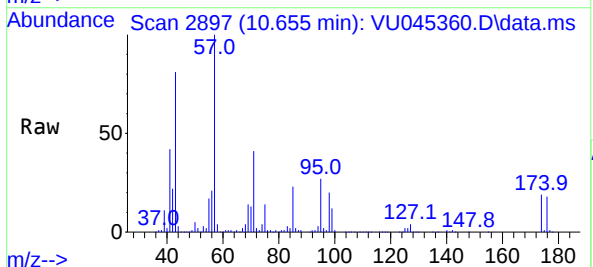
Instrument :
MSVOA_U
ClientSampled :
131

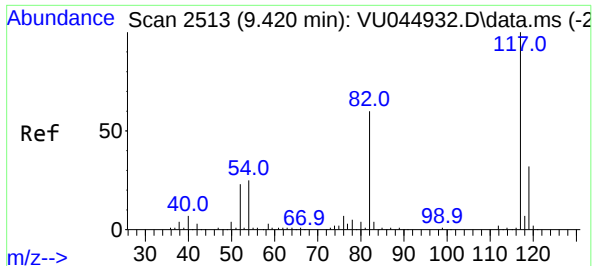
Tgt Ion: 92 Resp: 3453599
Ion Ratio Lower Upper
92 100
91 169.1 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 46.127 ug/l
RT: 10.655 min Scan# 2897
Delta R.T. 0.020 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 95 Resp: 191854
Ion Ratio Lower Upper
95 100
174 66.3 0.0 146.6
176 64.9 0.0 141.2

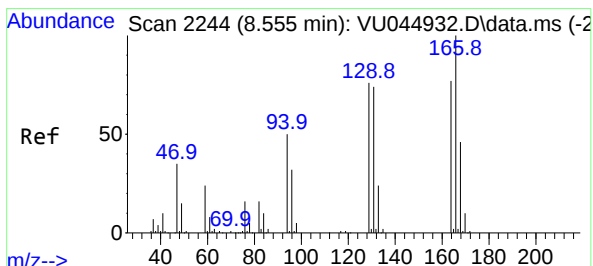
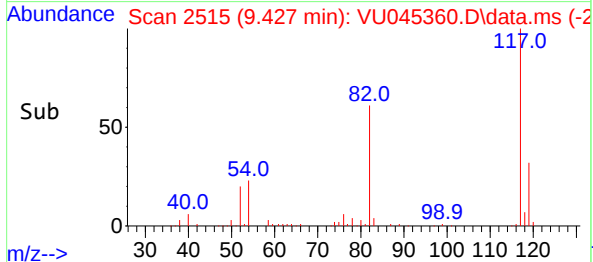
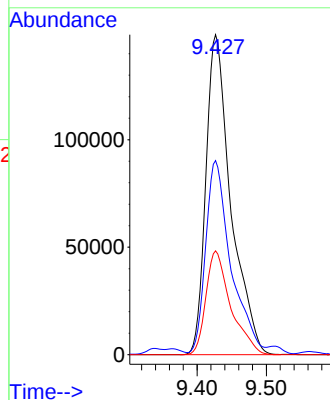
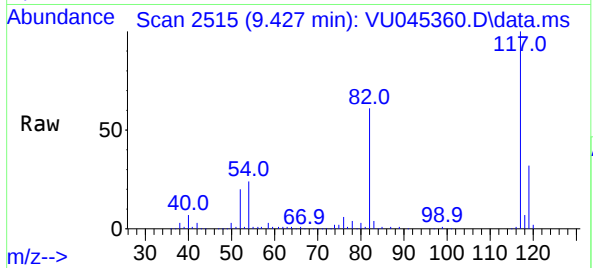




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

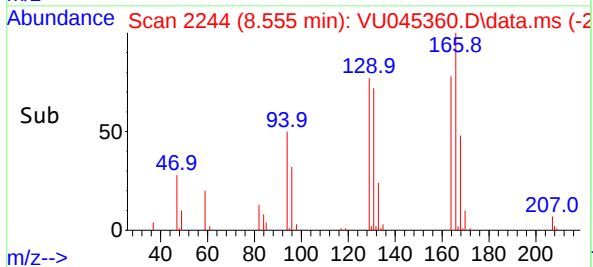
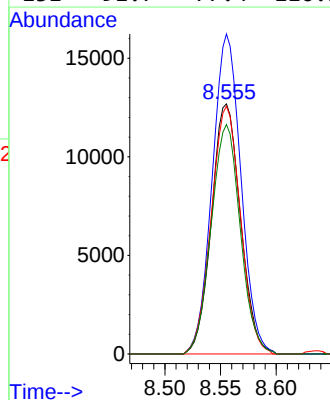
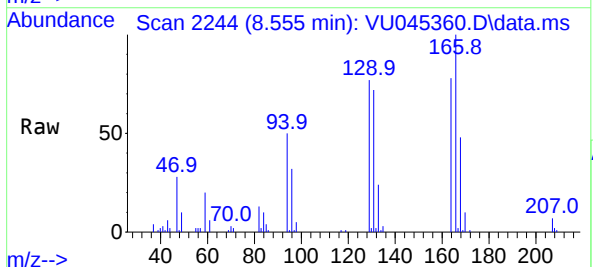
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MSVOA_U
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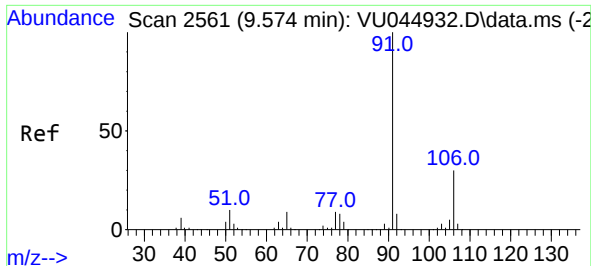
Tgt Ion:117 Resp: 373757
Ion Ratio Lower Upper
117 100
82 59.3 47.8 71.8
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 9.409 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:164 Resp: 22952
Ion Ratio Lower Upper
164 100
166 127.9 102.8 154.2
129 99.1 79.4 119.2
131 91.7 77.4 116.2





#67

Ethyl Benzene

Concen: 465.779 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.004 min

Lab File: VU045360.D

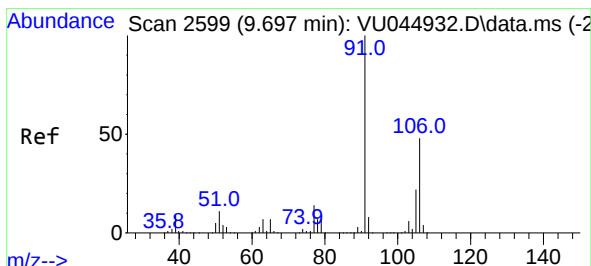
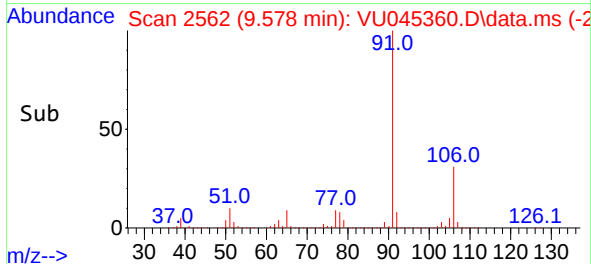
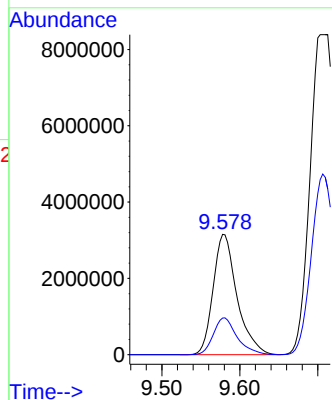
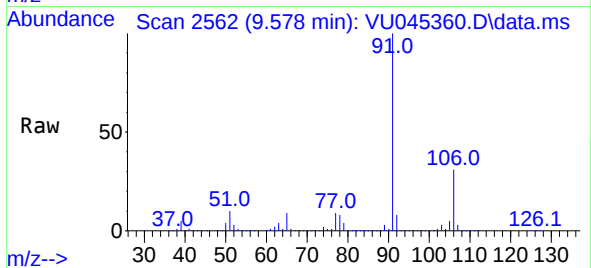
Acq: 22 Oct 2021 13:25

Tgt Ion: 91 Resp: 6716388

Ion Ratio Lower Upper

91 100

106 30.5 24.3 36.5



#68

m/p-Xylenes

Concen: 1878.458 ug/l

RT: 9.706 min Scan# 2602

Delta R.T. 0.009 min

Lab File: VU045360.D

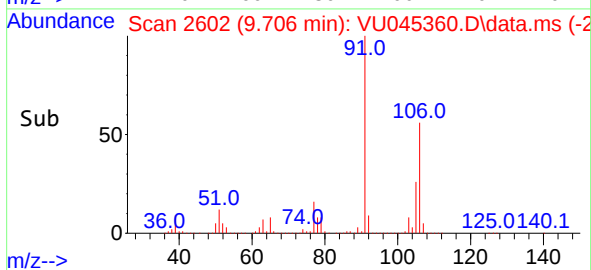
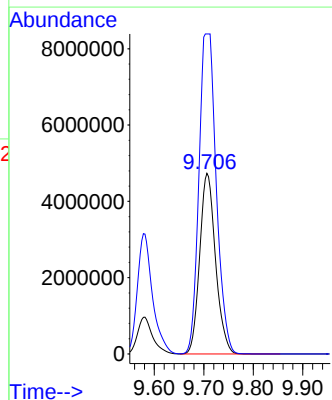
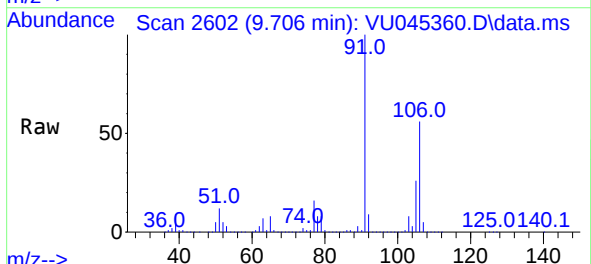
Acq: 22 Oct 2021 13:25

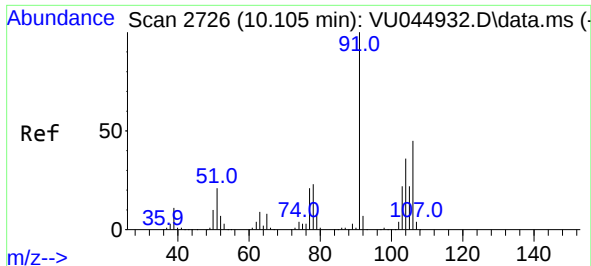
Tgt Ion: 106 Resp: 10523236

Ion Ratio Lower Upper

106 100

91 194.9 164.2 246.2

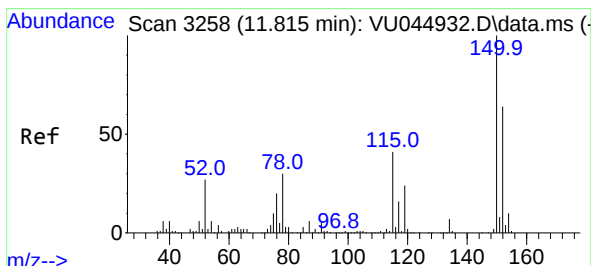
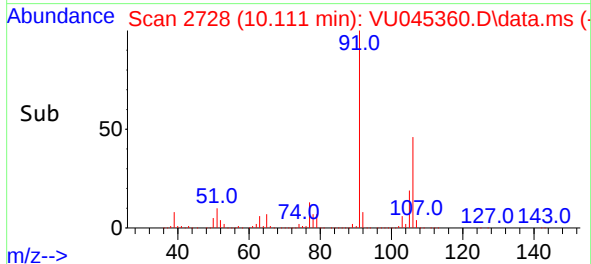
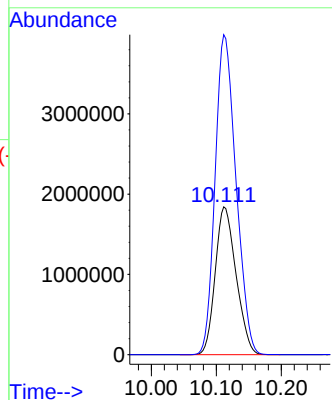
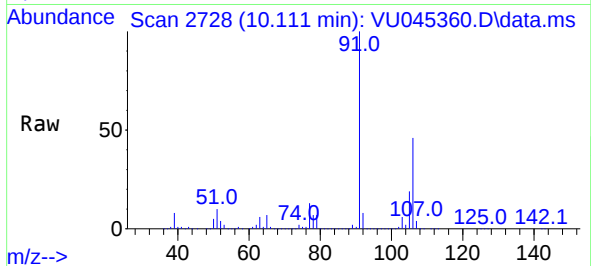




#69
o-Xylene
Concen: 735.700 ug/l
RT: 10.111 min Scan# 2728
Delta R.T. 0.006 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

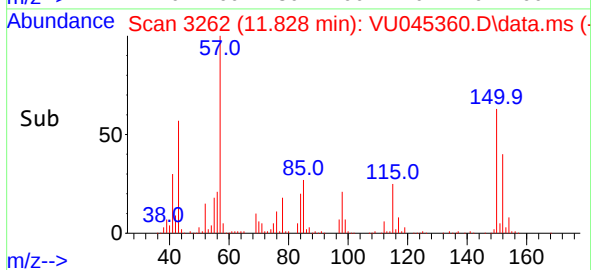
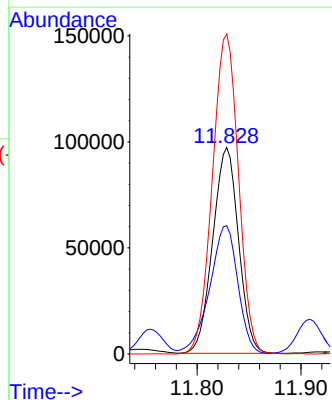
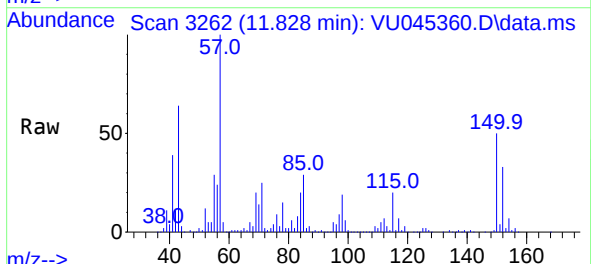
Instrument :
MSVOA_U
ClientSampled :
131

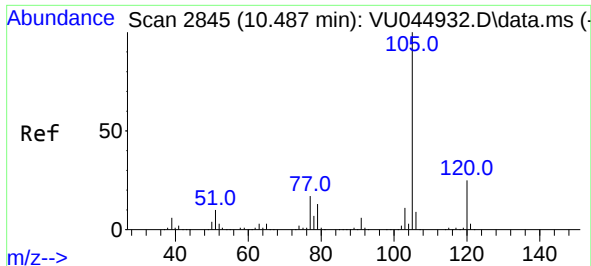
Tgt Ion:106 Resp: 4090416
Ion Ratio Lower Upper
106 100
91 217.3 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.828 min Scan# 3262
Delta R.T. 0.013 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:152 Resp: 167714
Ion Ratio Lower Upper
152 100
115 67.7 43.5 130.7
150 157.4 0.0 350.0

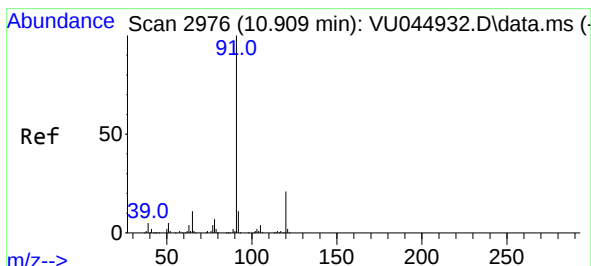
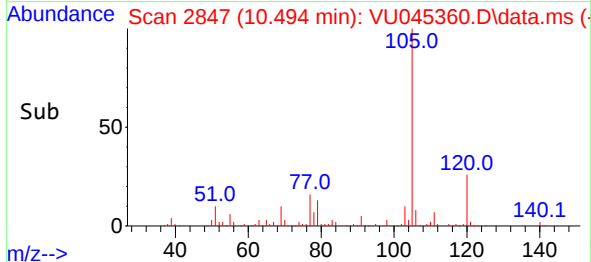
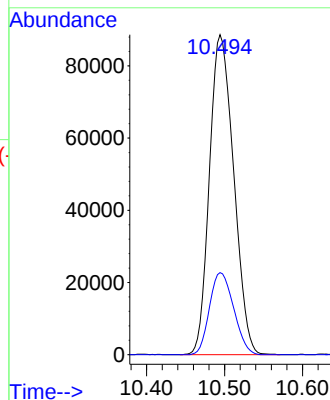
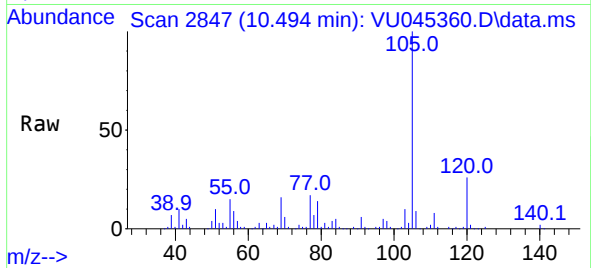




#73
Isopropylbenzene
Concen: 15.334 ug/l
RT: 10.494 min Scan# 2847
Delta R.T. 0.007 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

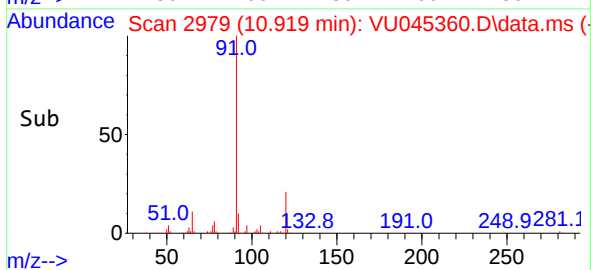
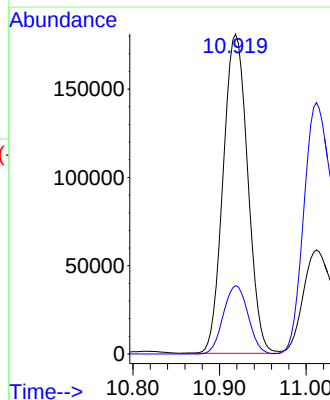
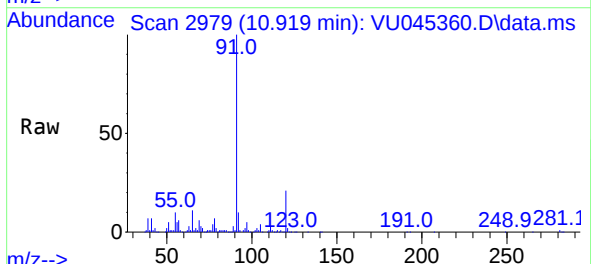
Instrument :
MSVOA_U
ClientSampled :
131

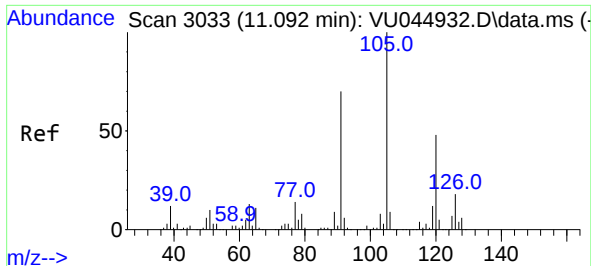
Tgt Ion:105 Resp: 191520
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#78
n-propylbenzene
Concen: 23.392 ug/l
RT: 10.919 min Scan# 2979
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion: 91 Resp: 356024
Ion Ratio Lower Upper
91 100
120 21.6 10.8 32.4

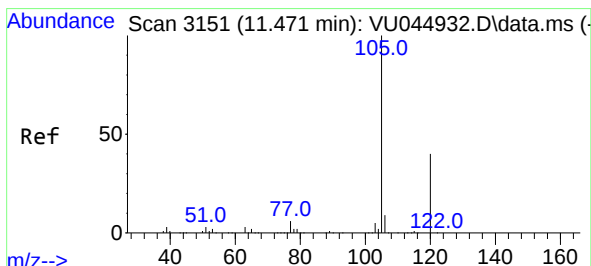
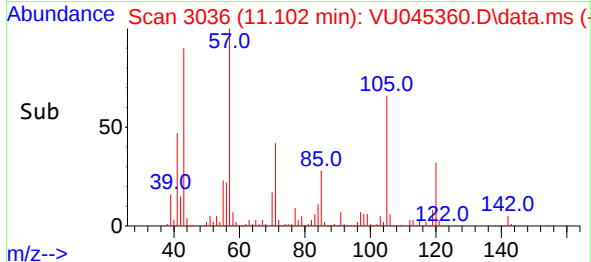
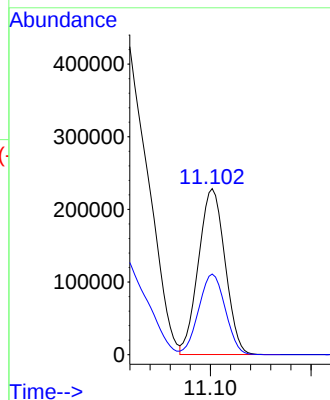
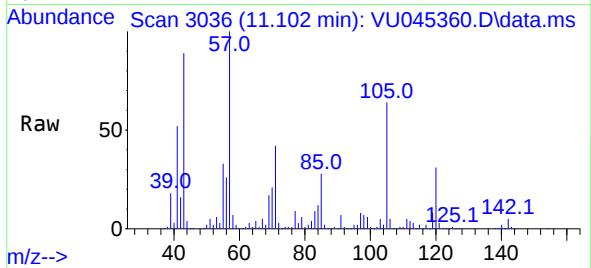




#80
1,3,5-Trimethylbenzene
Concen: 38.296 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

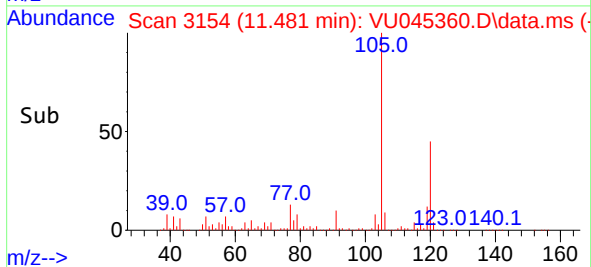
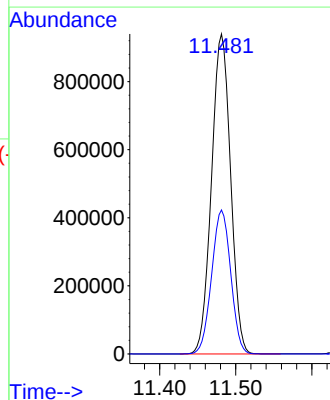
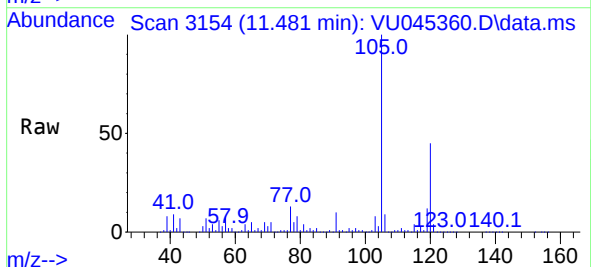
Instrument :
MSVOA_U
ClientSampled :
131

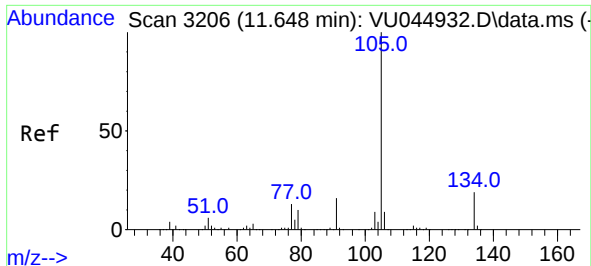
Tgt Ion:105 Resp: 419009
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 151.231 ug/l
RT: 11.481 min Scan# 3154
Delta R.T. 0.010 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:105 Resp: 1636997
Ion Ratio Lower Upper
105 100
120 45.0 22.4 67.3

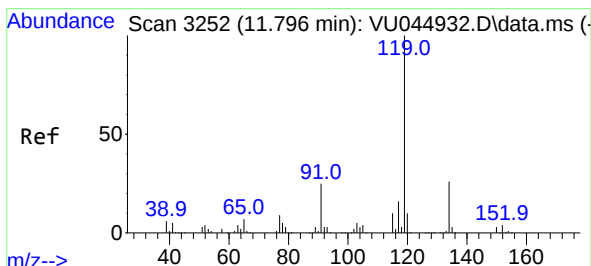
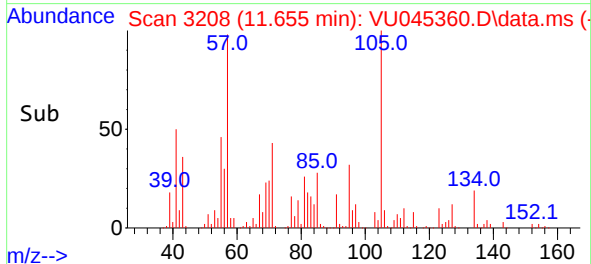
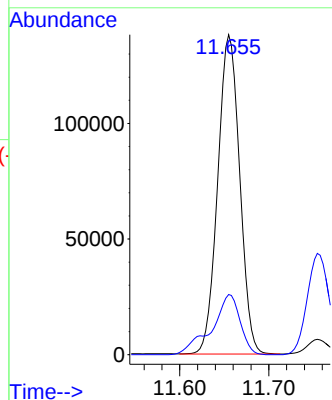
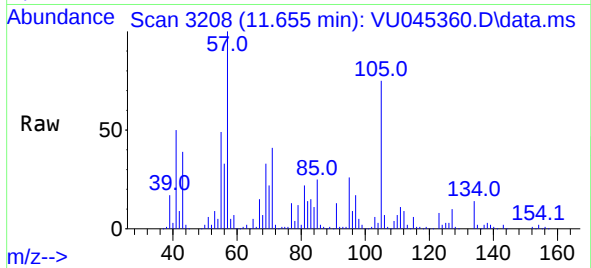




#85
 sec-Butylbenzene
 Concen: 17.252 ug/l
 RT: 11.655 min Scan# 3208
 Delta R.T. 0.007 min
 Lab File: VU045360.D
 Acq: 22 Oct 2021 13:25

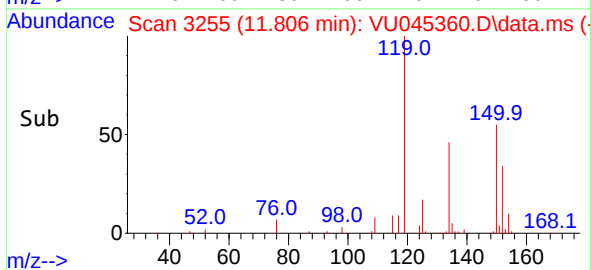
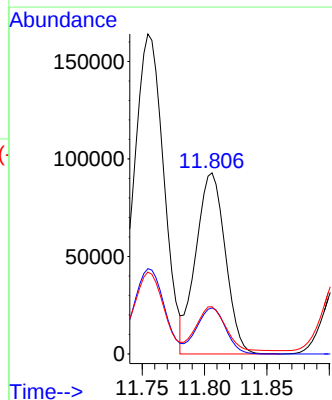
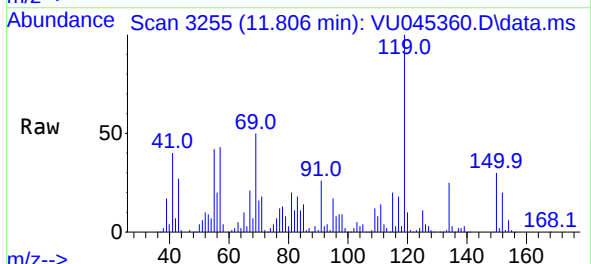
Instrument :
 MSVOA_U
 ClientSampled :
 131

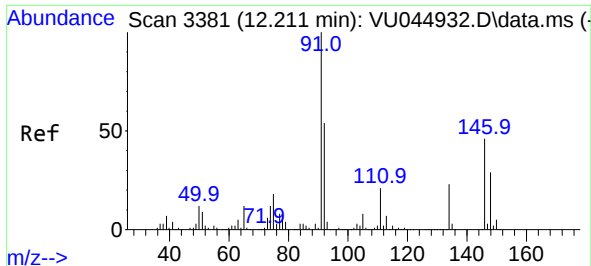
Tgt Ion:105 Resp: 236442
 Ion Ratio Lower Upper
 105 100
 134 24.4 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 13.856 ug/l
 RT: 11.806 min Scan# 3255
 Delta R.T. 0.010 min
 Lab File: VU045360.D
 Acq: 22 Oct 2021 13:25

Tgt Ion:119 Resp: 152751
 Ion Ratio Lower Upper
 119 100
 134 24.7 12.8 38.3
 91 23.9 12.2 36.6

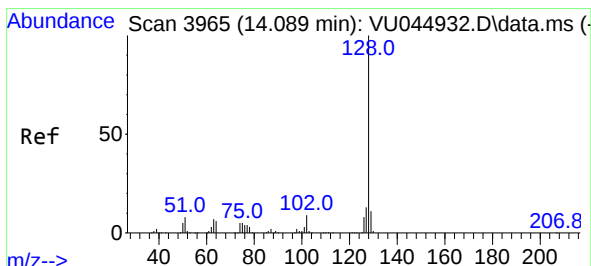
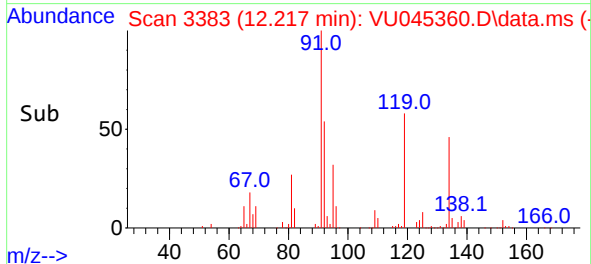
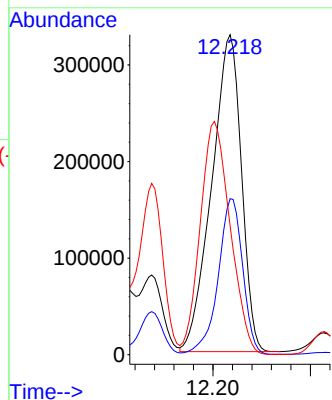
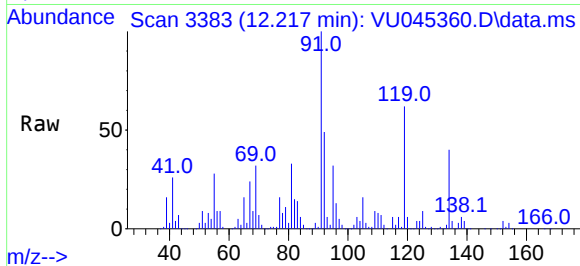




#89
n-Butylbenzene
Concen: 68.356 ug/l
RT: 12.217 min Scan# 3383
Delta R.T. 0.006 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Instrument :
MSVOA_U
ClientSampled :
131

Tgt Ion: 91 Resp: 694086
Ion Ratio Lower Upper
91 100
92 40.6 26.8 80.4
134 74.5 11.8 35.4#



#95
Naphthalene
Concen: 38.525 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.006 min
Lab File: VU045360.D
Acq: 22 Oct 2021 13:25

Tgt Ion:128 Resp: 476737
Ion Ratio Lower Upper
128 100
127 15.1 10.4 15.6
129 14.1 8.6 13.0#

