

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061521\
 Data File : VU044227.D
 Acq On : 15 Jun 2021 16:00
 Operator : SY/MD
 Sample : M2674-08 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TMR-DS-02-060921

Quant Time: Jun 15 16:15:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U060921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 05:11:37 2021
 Response via : Initial Calibration

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

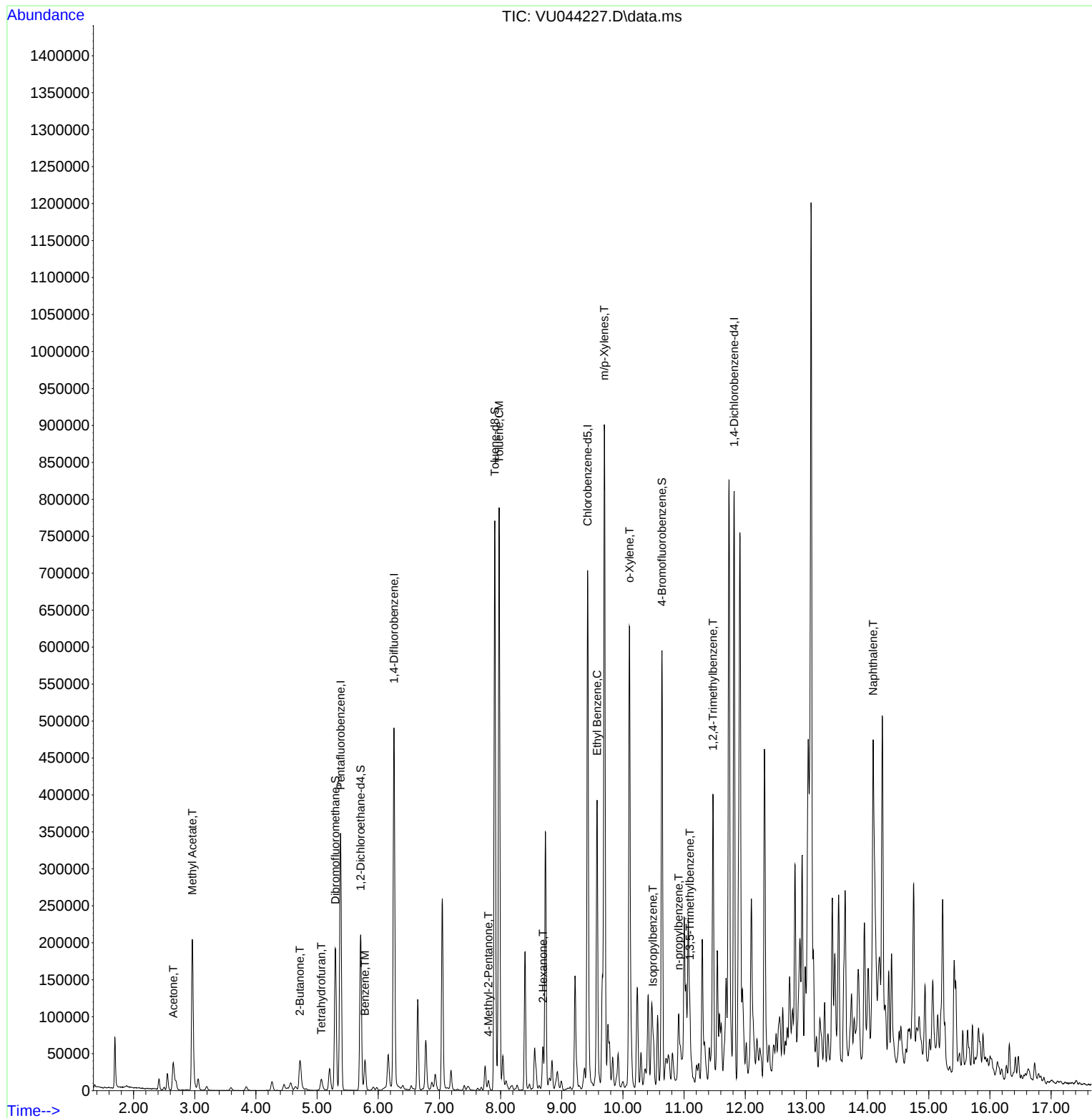
Internal Standards						
1) Pentafluorobenzene	5.385	168	243867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	402568	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	385162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	207852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.713	65	155650	40.136	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.280%	
35) Dibromofluoromethane	5.298	113	126742	45.259	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.520%	
50) Toluene-d8	7.906	98	505235	46.978	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.960%	
62) 4-Bromofluorobenzene	10.639	95	205089	47.585	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.160%	
Target Compounds					Qvalue	
16) Acetone	2.649	43	60211	28.170	ug/l	97
18) Methyl Acetate	2.961	43	271547	54.433	ug/l	97
25) 2-Butanone	4.719	43	65028	20.090	ug/l	95
29) Tetrahydrofuran	5.070	42	11463	6.515	ug/l	98
40) Benzene	5.784	78	38622	2.910	ug/l	100
51) 4-Methyl-2-Pentanone	7.800	43	8331	1.513	ug/l	93
52) Toluene	7.976	92	335199	42.608	ug/l	99
59) 2-Hexanone	8.693	43	35936	8.176	ug/l	98
67) Ethyl Benzene	9.578	91	262622	17.752	ug/l	98
68) m/p-Xylenes	9.697	106	259943	47.045	ug/l	97
69) o-Xylene	10.108	106	164180	31.338	ug/l	96
73) Isopropylbenzene	10.491	105	13858	0.996	ug/l	99
78) n-propylbenzene	10.912	91	52950	2.923	ug/l	98
80) 1,3,5-Trimethylbenzene	11.095	105	50958	4.115	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	190070	15.278	ug/l	100
95) Naphthalene	14.092	128	287810	21.418	ug/l	96

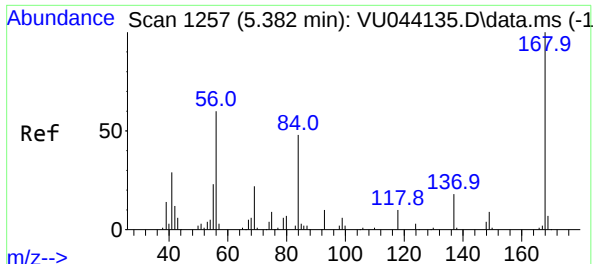
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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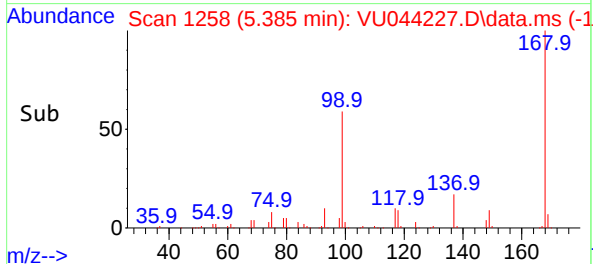
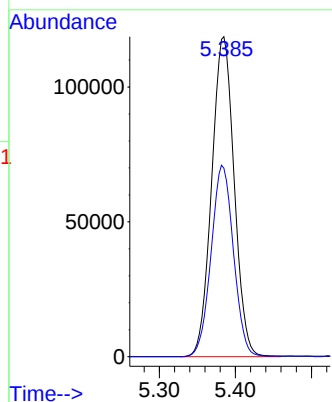
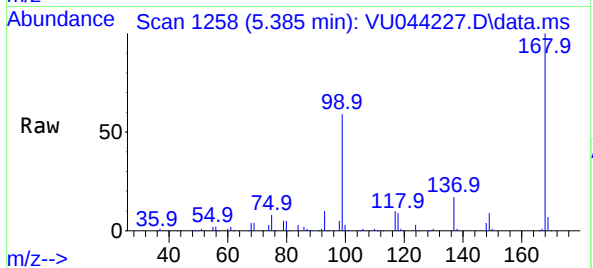




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.385 min Scan# 1258
Delta R.T. 0.003 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

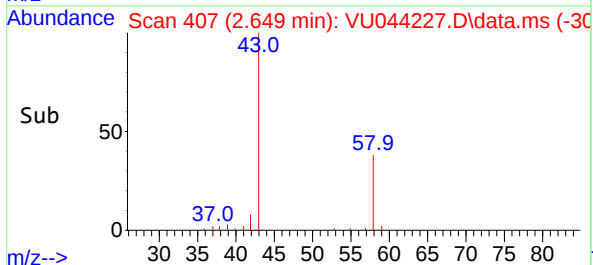
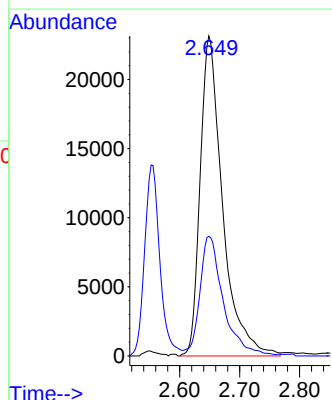
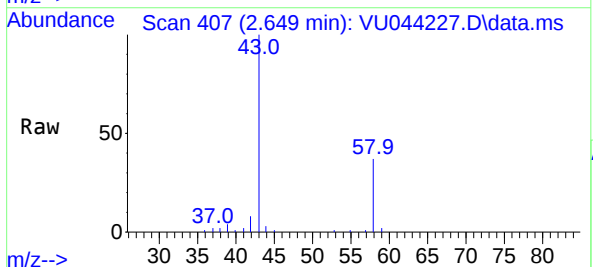
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

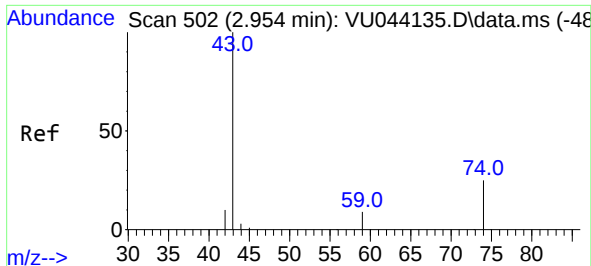
Tgt Ion:168 Resp: 243867
Ion Ratio Lower Upper
168 100
99 58.9 51.3 76.9



#16
Acetone
Concen: 28.170 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.016 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 60211
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

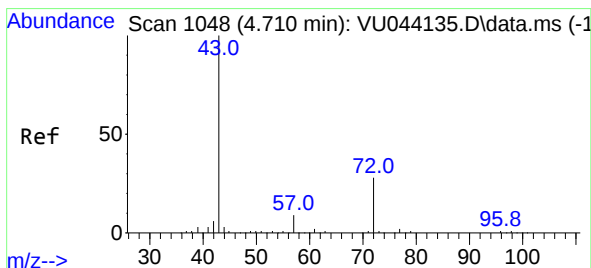
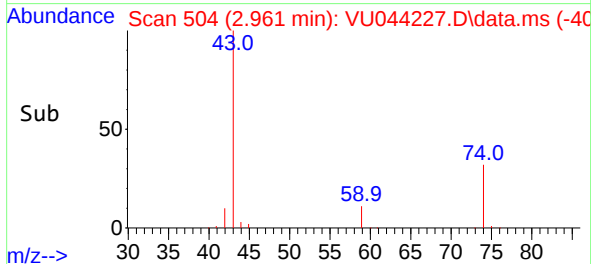
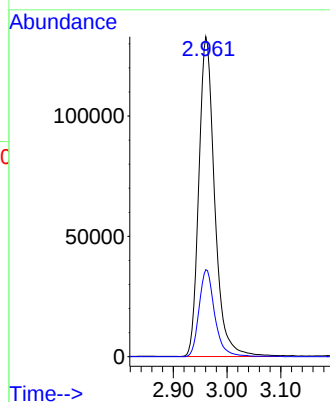
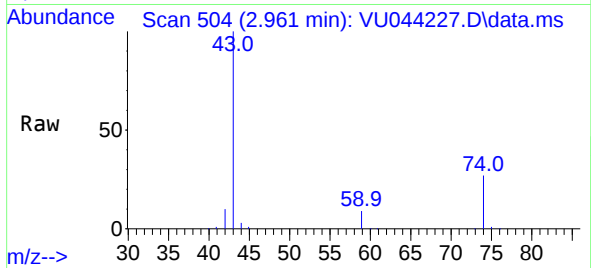




#18
Methyl Acetate
Concen: 54.433 ug/l
RT: 2.961 min Scan# 504
Delta R.T. 0.006 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

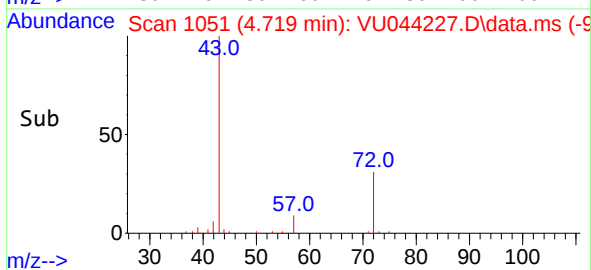
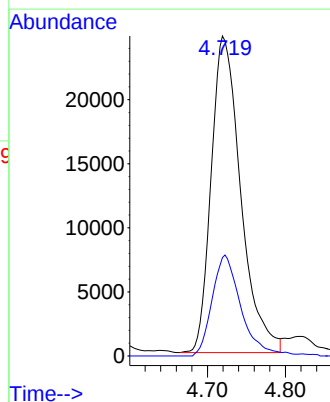
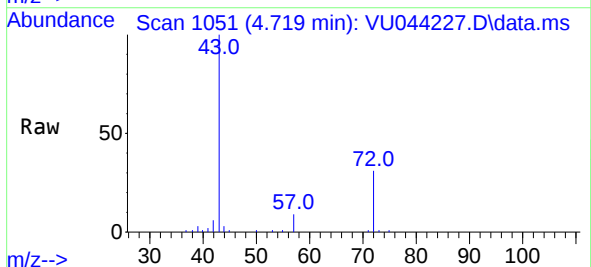
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

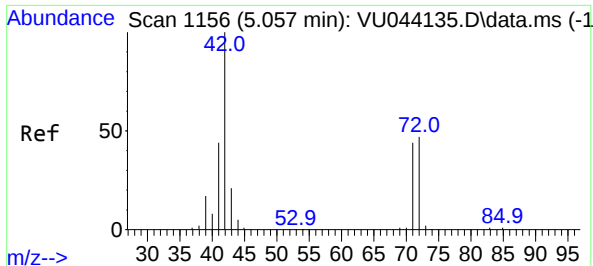
Tgt Ion: 43 Resp: 271547
Ion Ratio Lower Upper
43 100
74 26.9 20.3 30.5



#25
2-Butanone
Concen: 20.090 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.009 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 43 Resp: 65028
Ion Ratio Lower Upper
43 100
72 31.1 22.6 33.8





#29

Tetrahydrofuran

Concen: 6.515 ug/l

RT: 5.070 min Scan# 1160

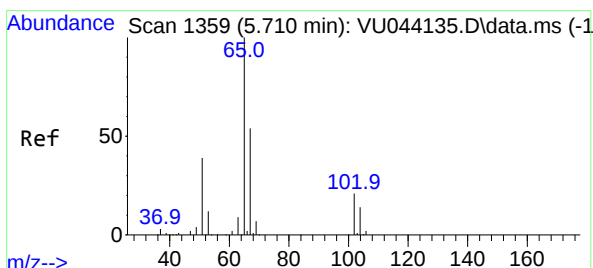
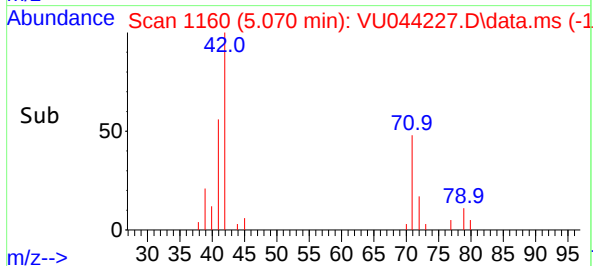
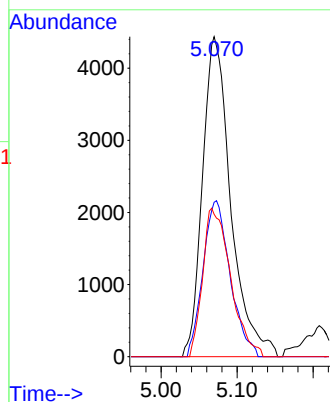
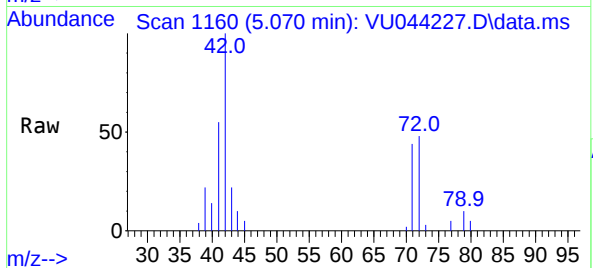
Delta R.T. 0.013 min

Lab File: VU044227.D

Acq: 15 Jun 2021 16:00

Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

Tgt Ion:	42	Resp:	11463
Ion	Ratio	Lower	Upper
42	100		
72	46.8	38.6	57.8
71	45.6	35.5	53.3



#33

1,2-Dichloroethane-d4

Concen: 40.136 ug/l

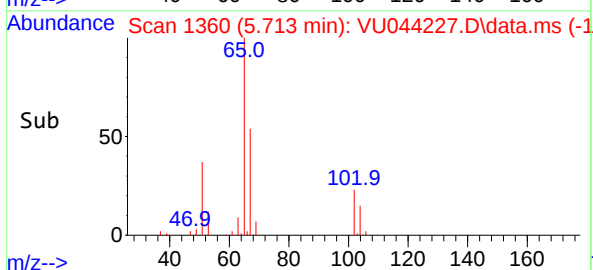
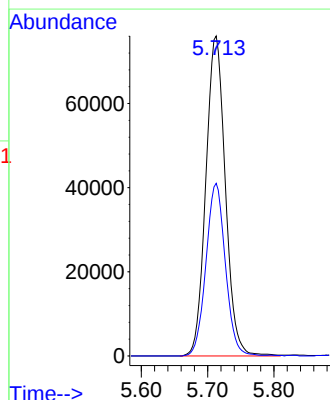
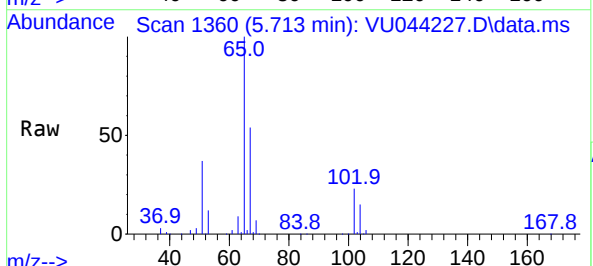
RT: 5.713 min Scan# 1360

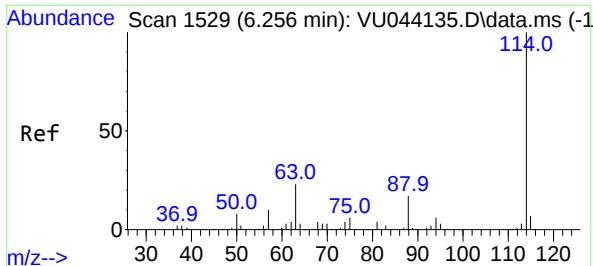
Delta R.T. 0.003 min

Lab File: VU044227.D

Acq: 15 Jun 2021 16:00

Tgt Ion:	65	Resp:	155650
Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	106.6

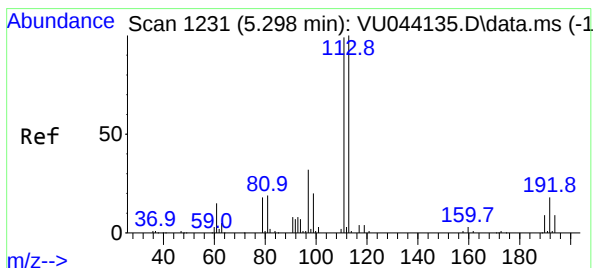
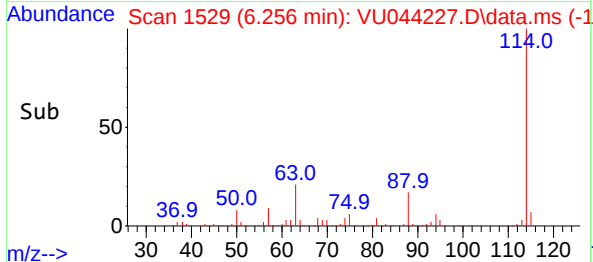
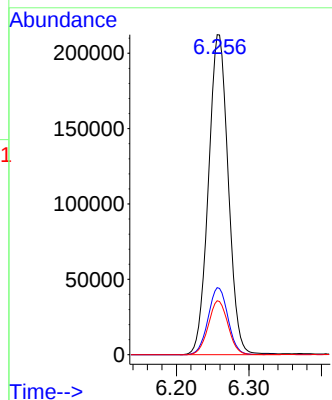
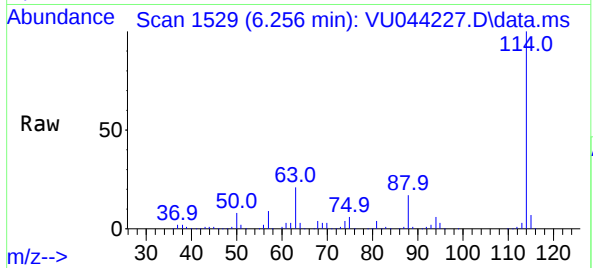




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.256 min Scan# 1529
Delta R.T. 0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

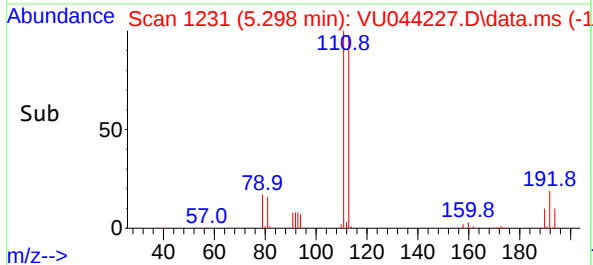
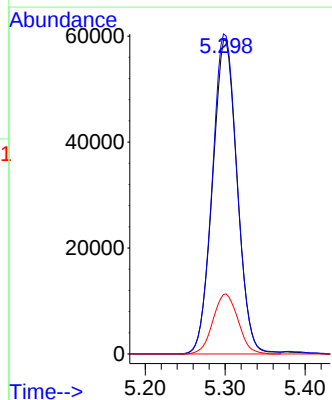
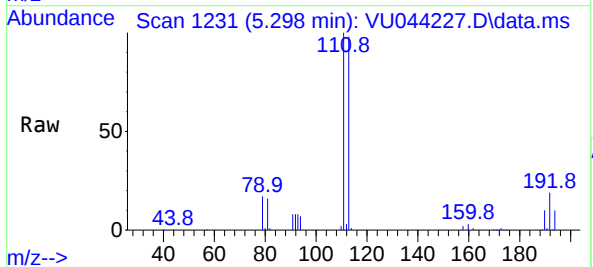
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

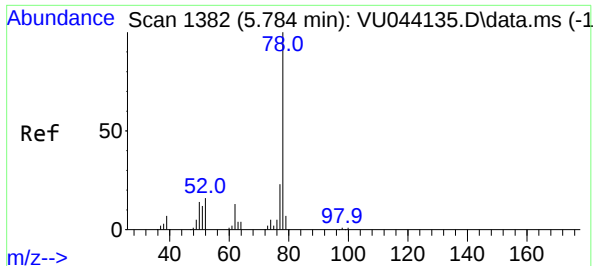
Tgt Ion:114 Resp: 402568
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.8
88 16.9 0.0 34.0



#35
Dibromofluoromethane
Concen: 45.259 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion:113 Resp: 126742
Ion Ratio Lower Upper
113 100
111 102.5 81.0 121.4
192 19.4 14.3 21.5

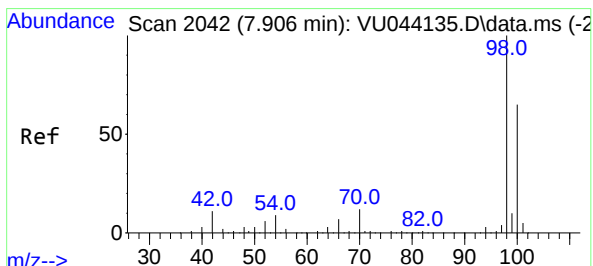
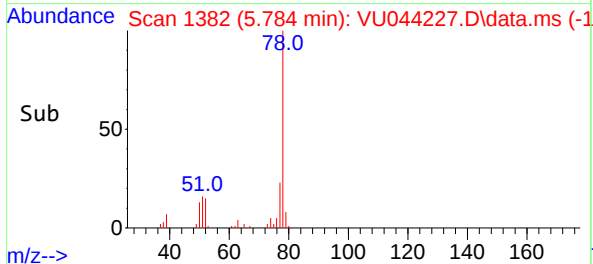
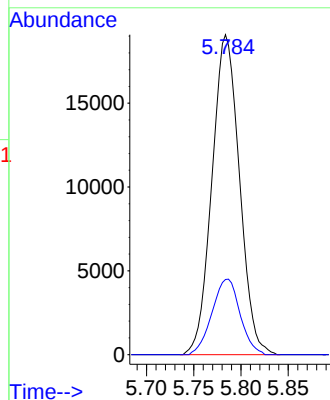
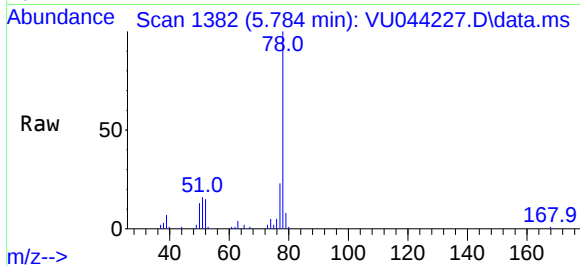




#40
Benzene
Concen: 2.910 ug/l
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

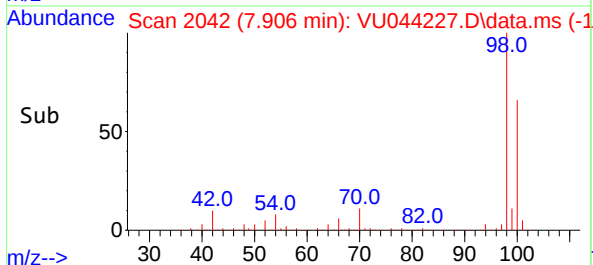
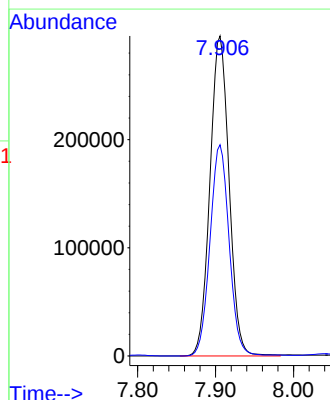
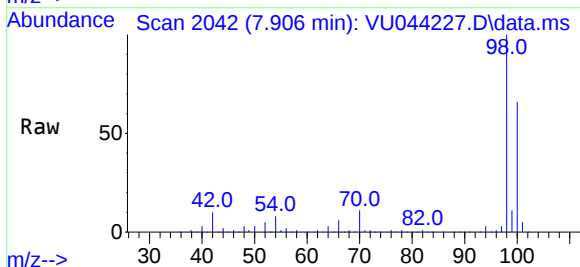
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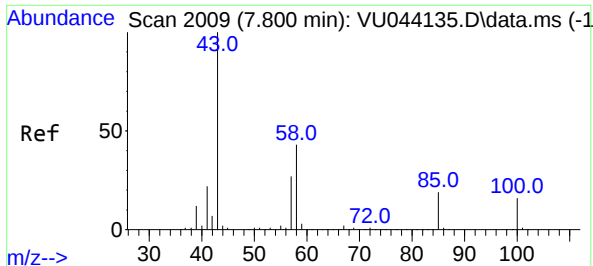
Tgt Ion: 78 Resp: 38622
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



#50
Toluene-d8
Concen: 46.978 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 98 Resp: 505235
Ion Ratio Lower Upper
98 100
100 66.1 52.2 78.4

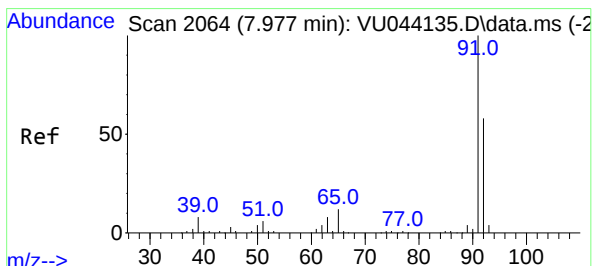
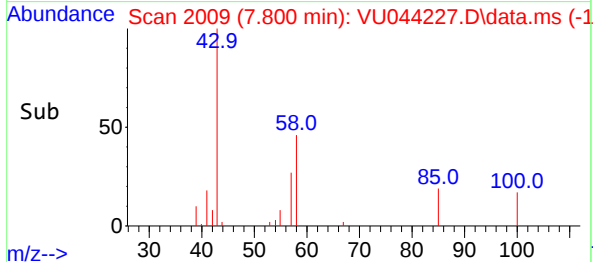
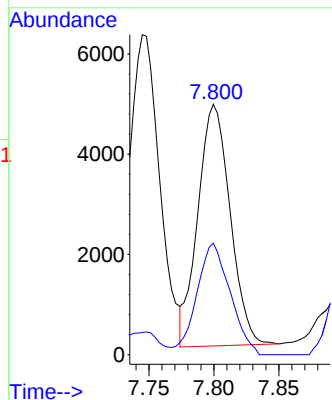
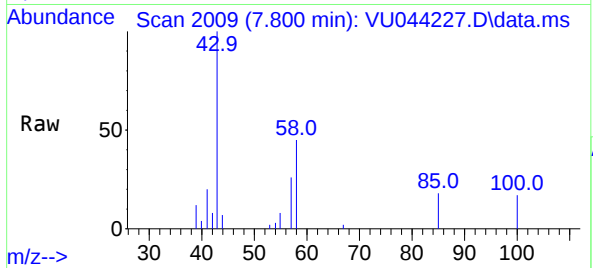




#51
4-Methyl-2-Pentanone
Concen: 1.513 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

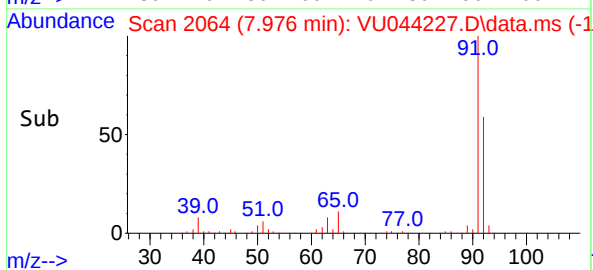
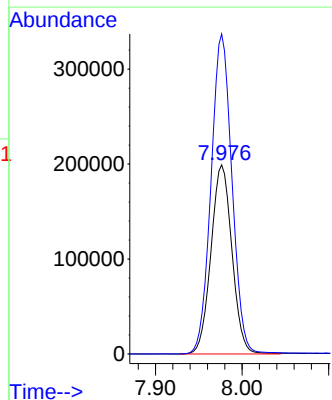
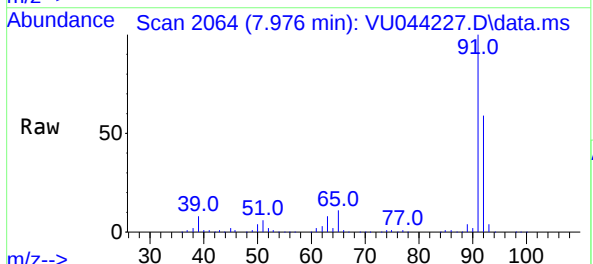
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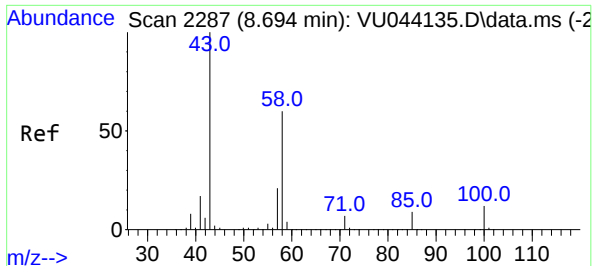
Tgt Ion: 43 Resp: 8331
Ion Ratio Lower Upper
43 100
58 47.7 34.5 51.7



#52
Toluene
Concen: 42.608 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.001 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 92 Resp: 335199
Ion Ratio Lower Upper
92 100
91 169.5 136.2 204.4

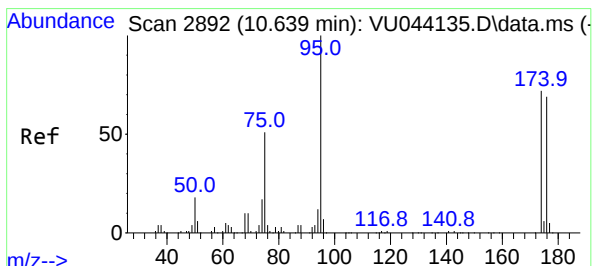
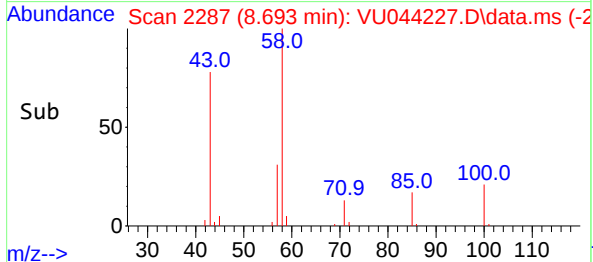
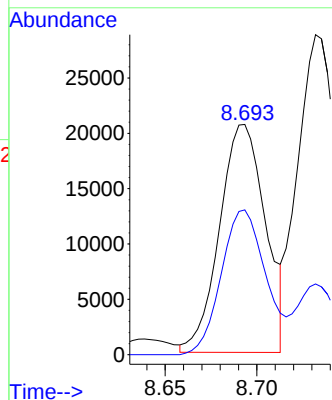
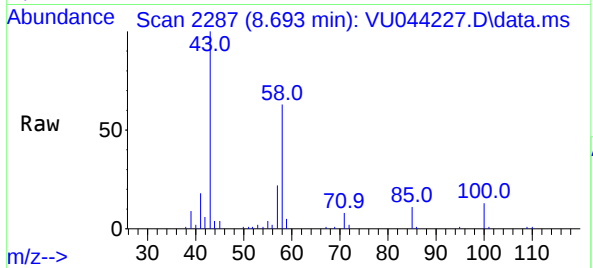




#59
2-Hexanone
Concen: 8.176 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.001 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

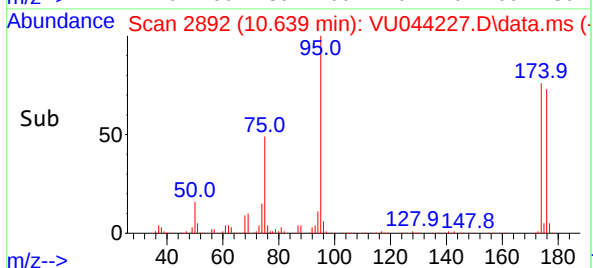
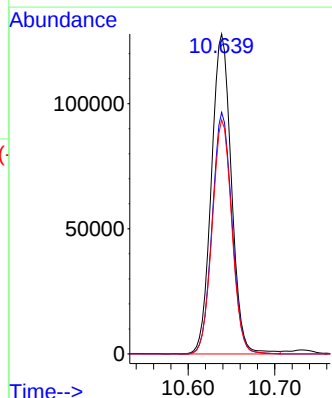
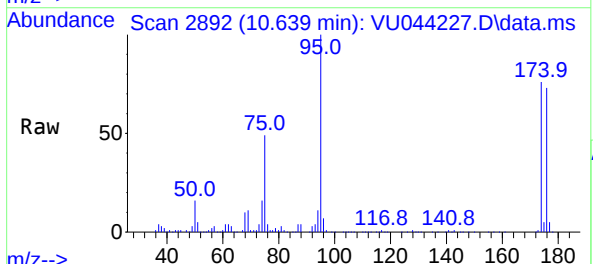
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

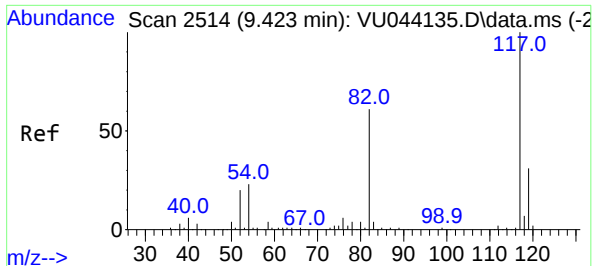
Tgt Ion: 43 Resp: 35936
Ion Ratio Lower Upper
43 100
58 61.7 30.0 90.1



#62
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 95 Resp: 205089
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.4
176 71.8 0.0 138.0

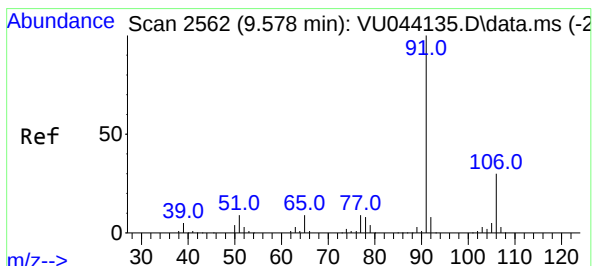
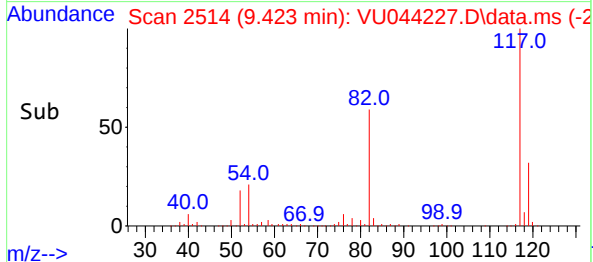
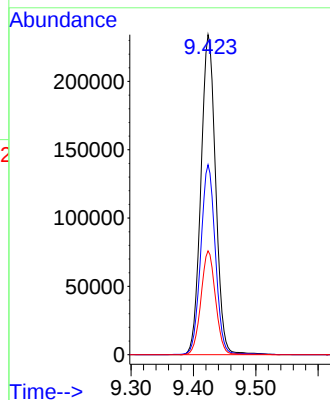
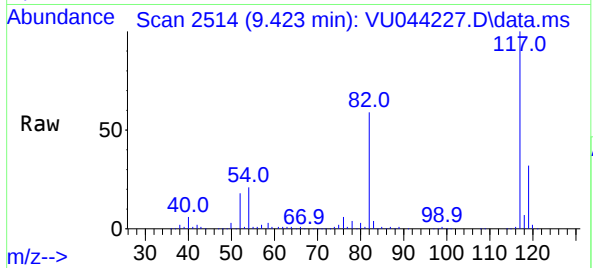




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

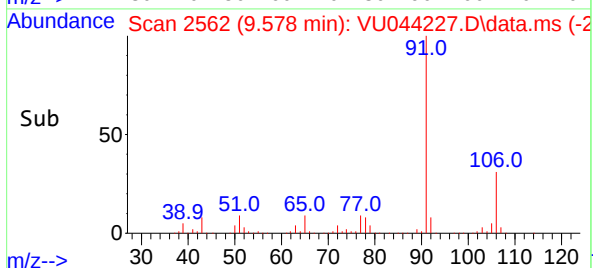
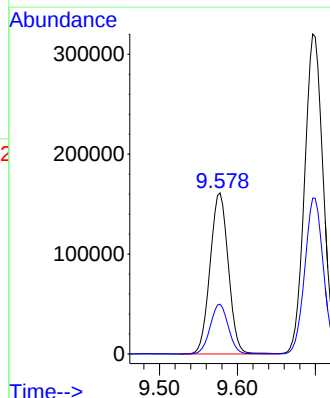
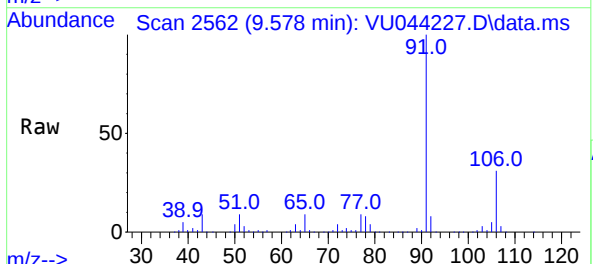
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

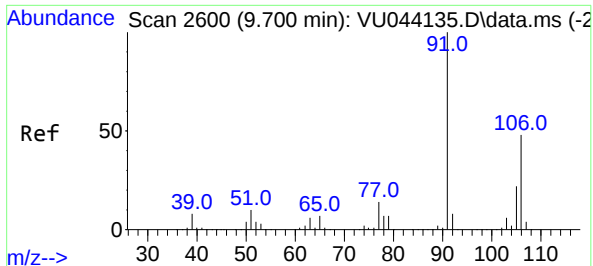
Tgt Ion:117 Resp: 385162
Ion Ratio Lower Upper
117 100
82 59.3 48.8 73.2
119 32.5 25.0 37.6



#67
Ethyl Benzene
Concen: 17.752 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion: 91 Resp: 262622
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9

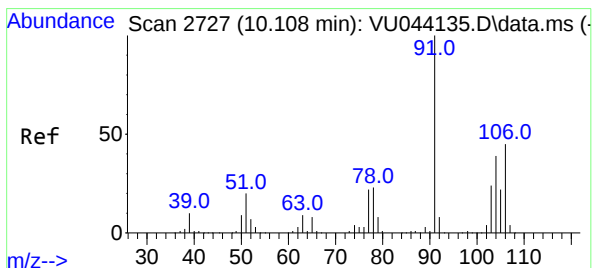
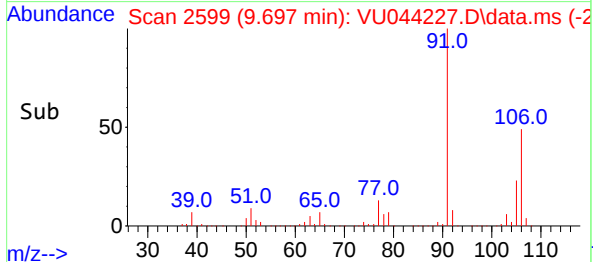
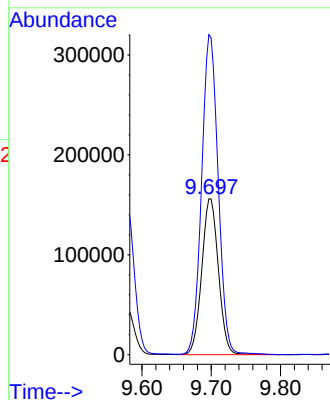
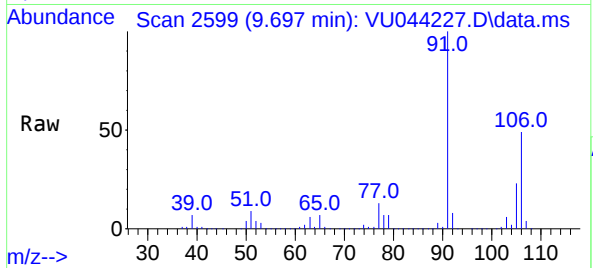




#68
m/p-Xylenes
Concen: 47.045 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

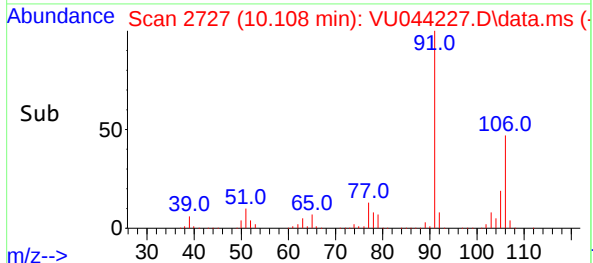
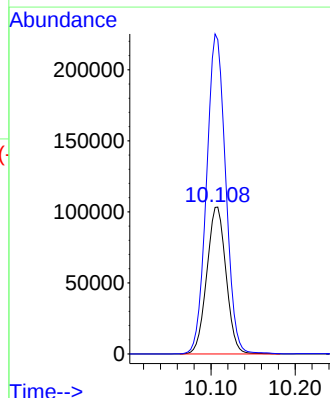
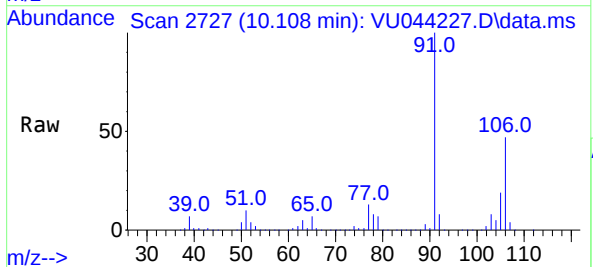
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

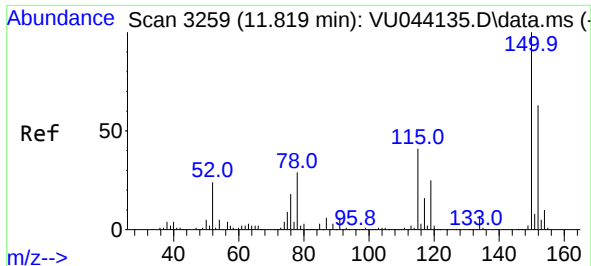
Tgt Ion:106 Resp: 259943
Ion Ratio Lower Upper
106 100
91 204.5 167.4 251.2



#69
o-Xylene
Concen: 31.338 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion:106 Resp: 164180
Ion Ratio Lower Upper
106 100
91 217.2 111.8 335.3

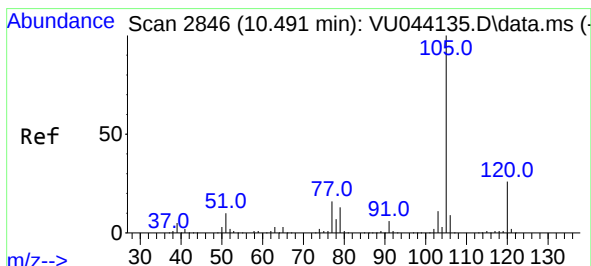
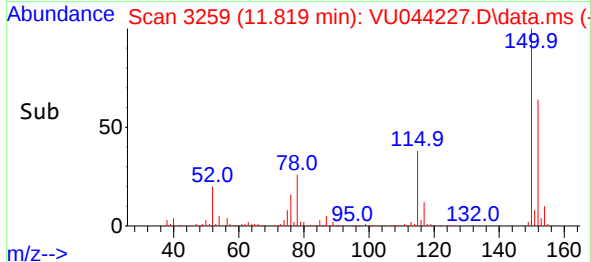
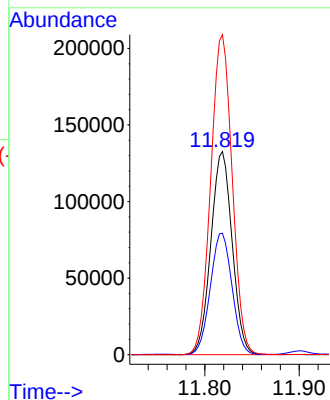
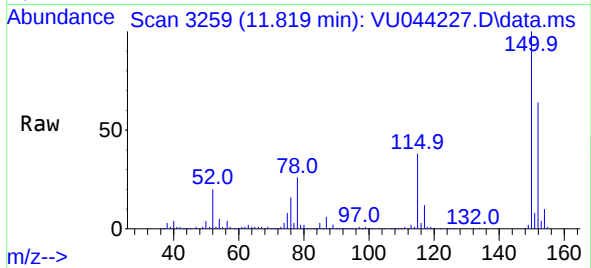




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

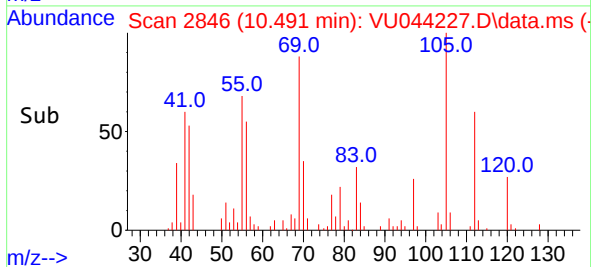
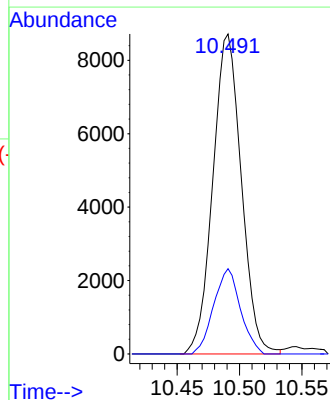
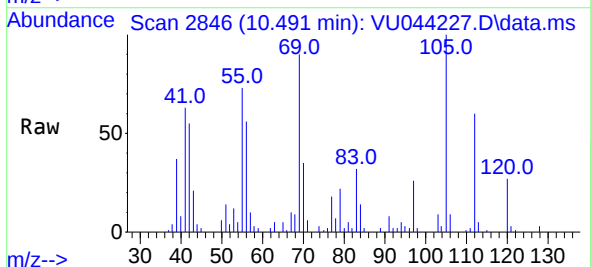
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

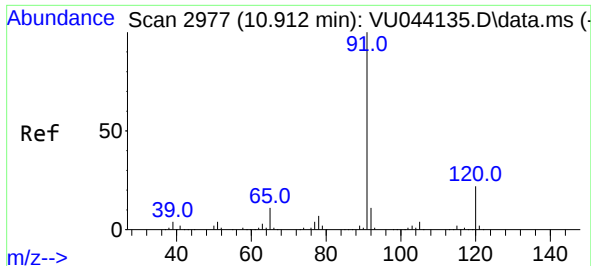
Tgt Ion:152 Resp: 207852
Ion Ratio Lower Upper
152 100
115 60.8 43.8 131.3
150 158.5 0.0 350.6



#73
Isopropylbenzene
Concen: 0.996 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion:105 Resp: 13858
Ion Ratio Lower Upper
105 100
120 25.0 12.8 38.4

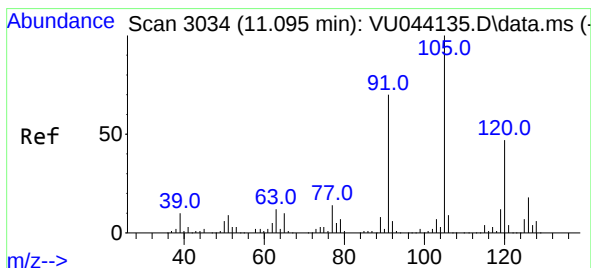
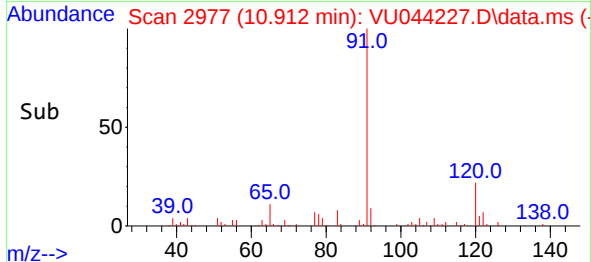
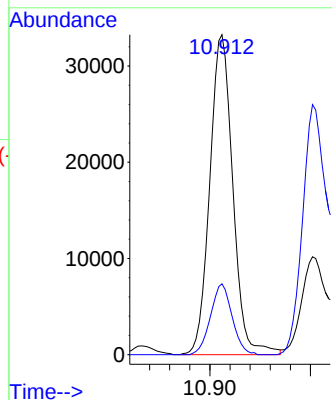
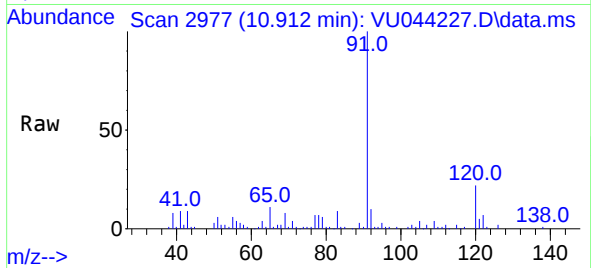




#78
n-propylbenzene
Concen: 2.923 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

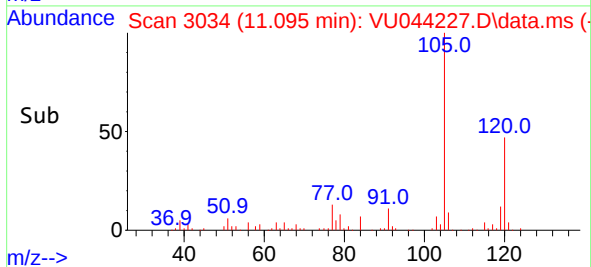
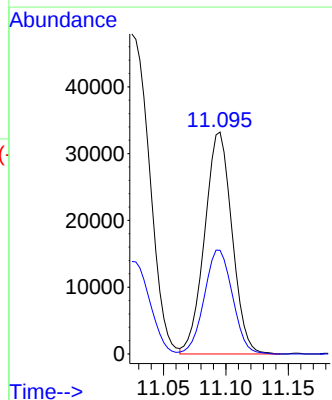
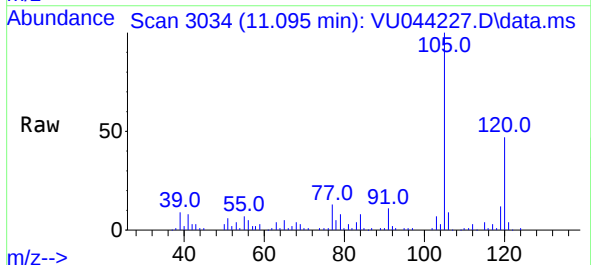
Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

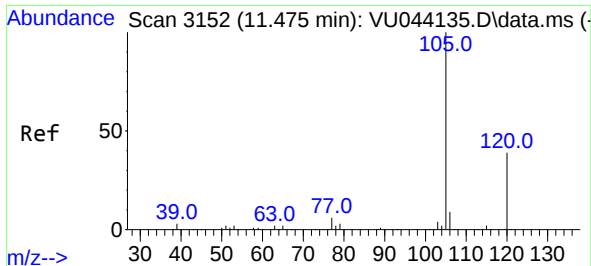
Tgt Ion: 91 Resp: 52950
Ion Ratio Lower Upper
91 100
120 20.8 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 4.115 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion:105 Resp: 50958
Ion Ratio Lower Upper
105 100
120 48.2 23.5 70.5

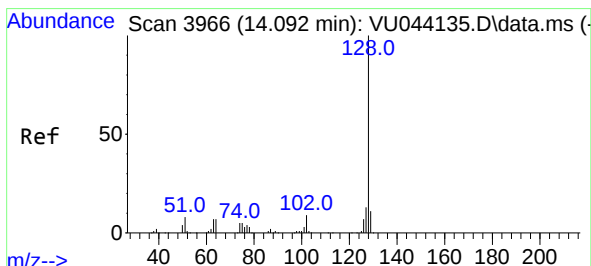
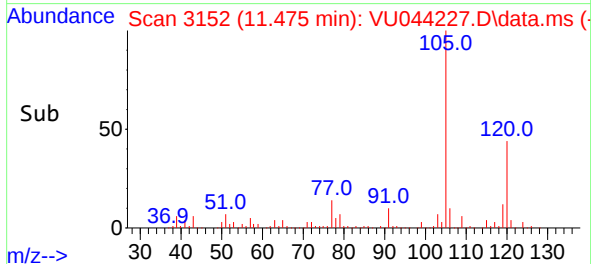
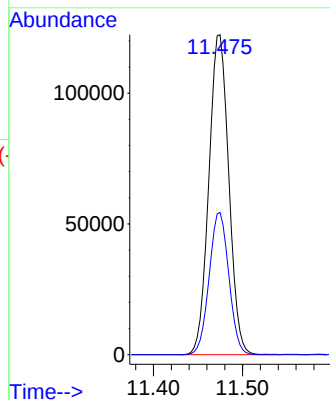
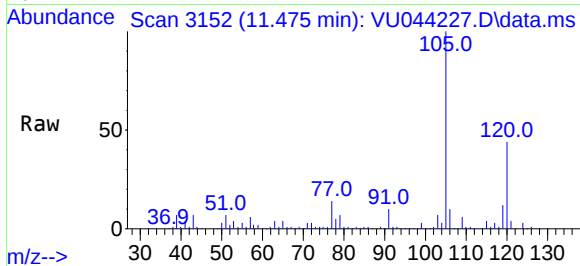




#84
1,2,4-Trimethylbenzene
Concen: 15.278 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Instrument :
MSVOA_U
ClientSampleId :
TMR-DS-02-060921

Tgt Ion:105 Resp: 190070
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.8



#95
Naphthalene
Concen: 21.418 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044227.D
Acq: 15 Jun 2021 16:00

Tgt Ion:128 Resp: 287810
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 12.8 8.6 13.0

