

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102221\
 Data File : VU045362.D
 Acq On : 22 Oct 2021 14:13
 Operator : SY/MD
 Sample : M4253-01DL 10X
 Misc : 1.15g/10mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 131DL

Quant Time: Oct 22 15:11:45 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)

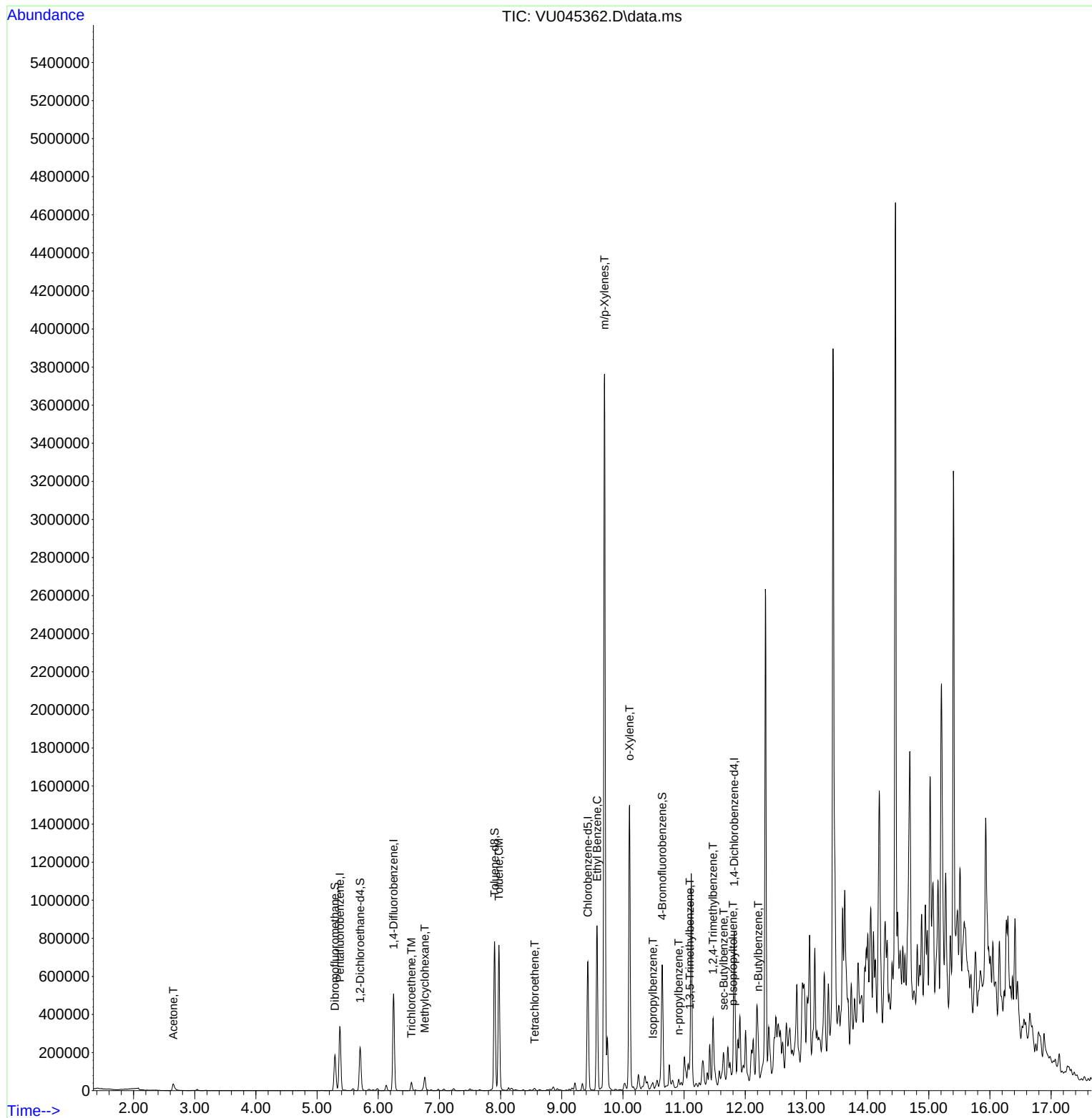
Internal Standards						
1) Pentafluorobenzene	5.372	168	227954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	421638	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.427	117	399927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	181319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	177425	46.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.520%
35) Dibromofluoromethane	5.292	113	128388	48.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.540%
50) Toluene-d8	7.902	98	529700	50.402	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	10.642	95	198798	45.818	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.640%
Target Compounds						
					Qvalue	
16) Acetone	2.649	43	61654	27.373	ug/l	96
39) Methylcyclohexane	6.761	83	29548	5.459	ug/l	95
44) Trichloroethene	6.542	130	14282	4.613	ug/l	97
52) Toluene	7.973	92	333396	40.563	ug/l	99
64) Tetrachloroethene	8.555	164	2225	0.852	ug/l	93
67) Ethyl Benzene	9.578	91	645672	41.847	ug/l	100
68) m/p-Xylenes	9.700	106	1100156	183.533	ug/l	99
69) o-Xylene	10.108	106	416098	69.942	ug/l	99
73) Isopropylbenzene	10.491	105	18816	1.394	ug/l	99
78) n-propylbenzene	10.912	91	33968	2.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.095	105	41131	3.477	ug/l	99
84) 1,2,4-Trimethylbenzene	11.475	105	164306	14.040	ug/l	100
85) sec-Butylbenzene	11.648	105	23325	1.574	ug/l	100
86) p-Isopropyltoluene	11.799	119	15140	1.270	ug/l	92
89) n-Butylbenzene	12.211	91	67834	6.179	ug/l #	56

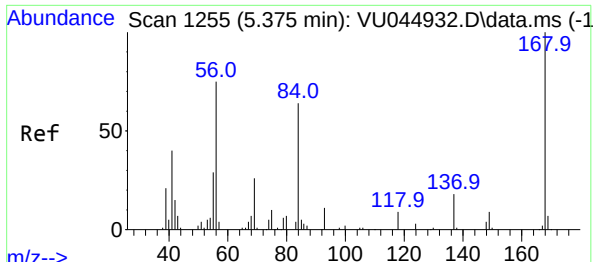
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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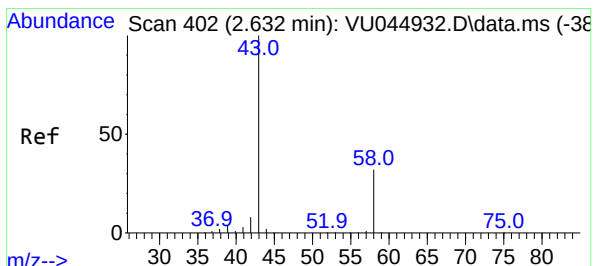
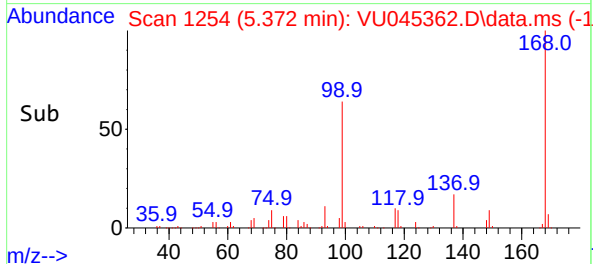
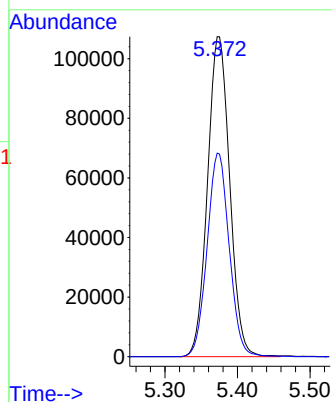
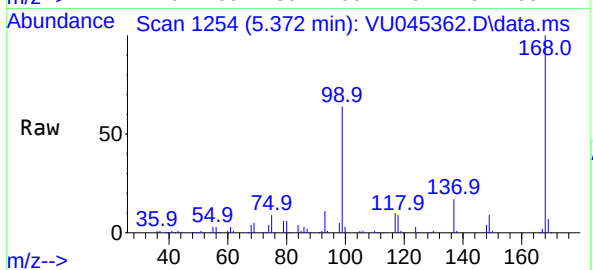




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 1254
Delta R.T. -0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

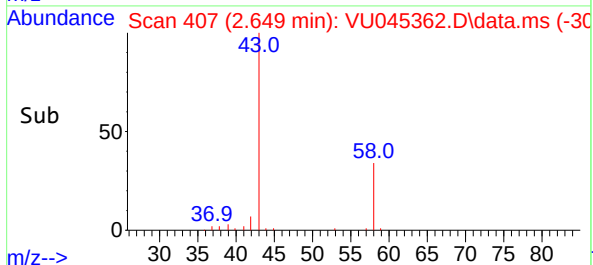
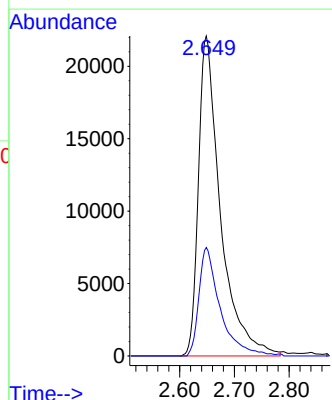
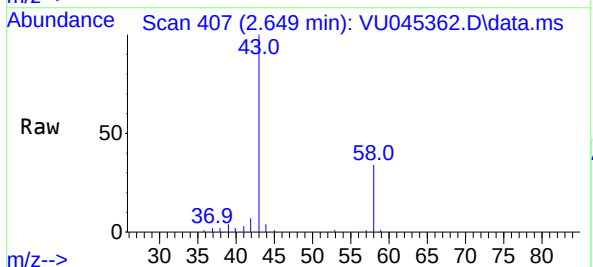
Instrument :
MSVOA_U
ClientSampleId :
131DL

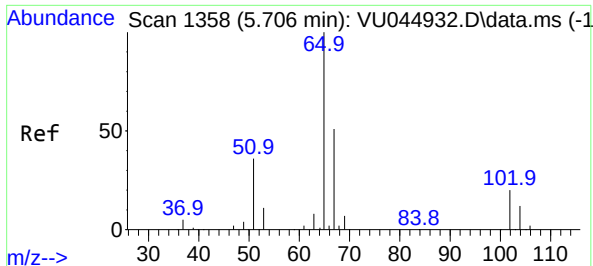
Tgt Ion:168 Resp: 227954
Ion Ratio Lower Upper
168 100
99 63.6 51.4 77.0



#16
Acetone
Concen: 27.373 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.017 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 43 Resp: 61654
Ion Ratio Lower Upper
43 100
58 33.9 25.2 37.8



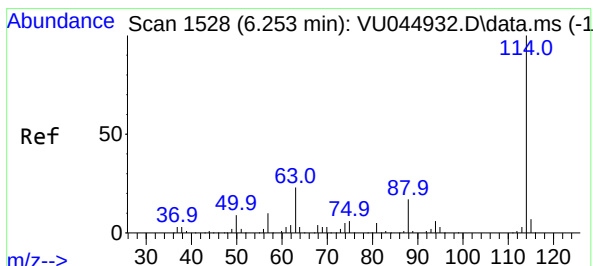
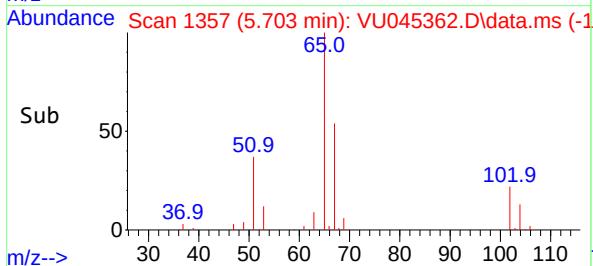
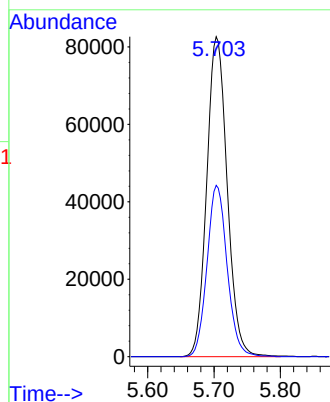
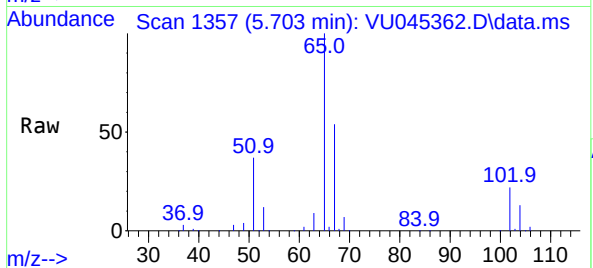


#33

1,2-Dichloroethane-d4
Concen: 46.757 ug/l
RT: 5.703 min Scan# 1357
Delta R.T. -0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Instrument :
MSVOA_U
ClientSampleId :
131DL

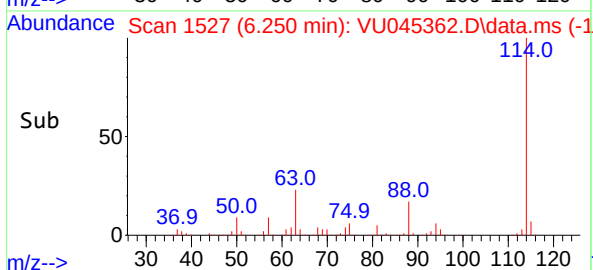
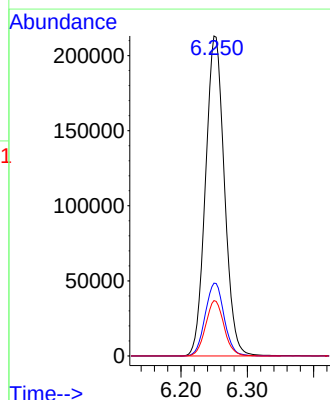
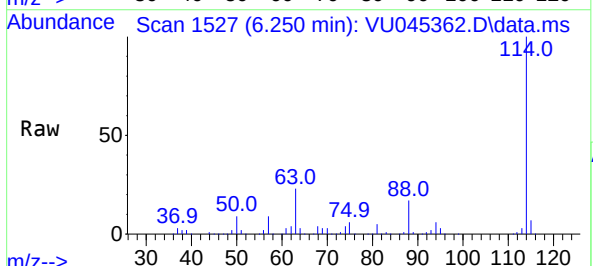
Tgt Ion: 65 Resp: 177425
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.8

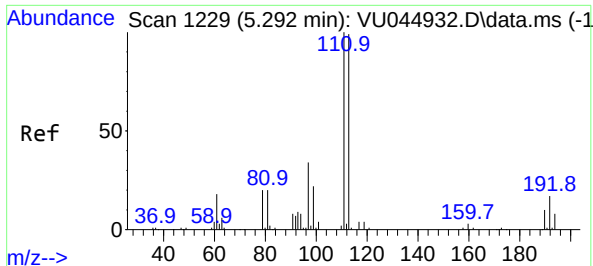


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 114 Resp: 421638
Ion Ratio Lower Upper
114 100
63 22.7 0.0 47.8
88 17.3 0.0 32.8



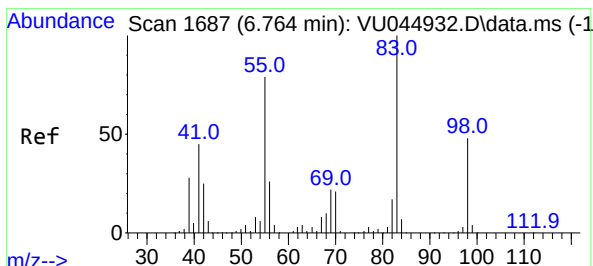
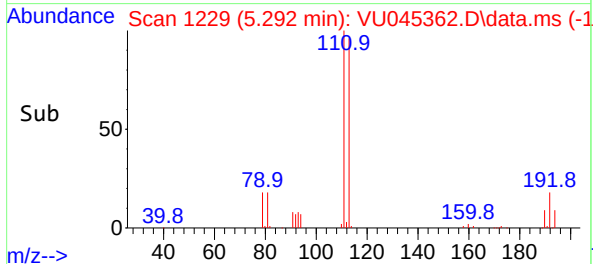
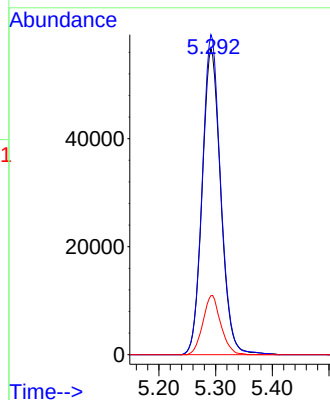
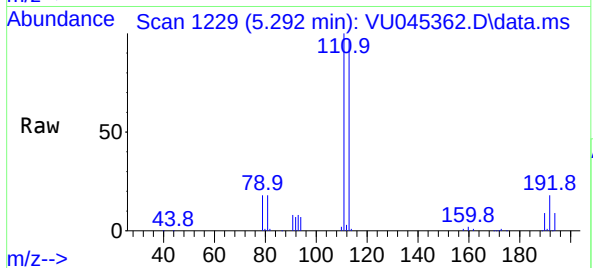


#35

Dibromofluoromethane
Concen: 48.269 ug/l
RT: 5.292 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Instrument :
MSVOA_U
ClientSampled :
131DL

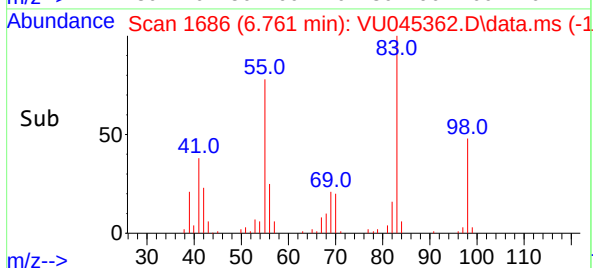
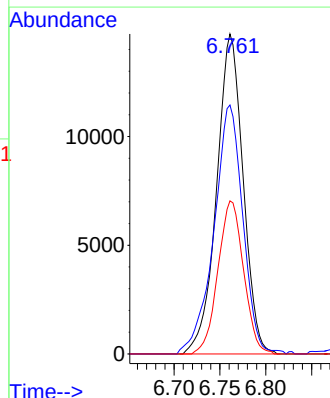
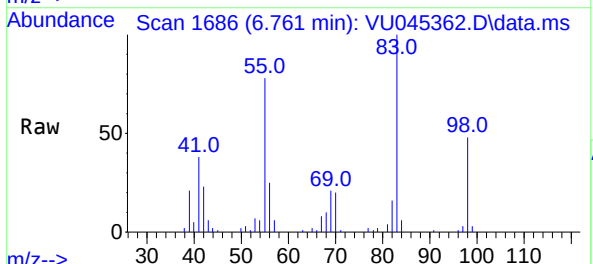
Tgt Ion:113 Resp: 128388
Ion Ratio Lower Upper
113 100
111 103.9 84.1 126.1
192 18.7 14.8 22.2

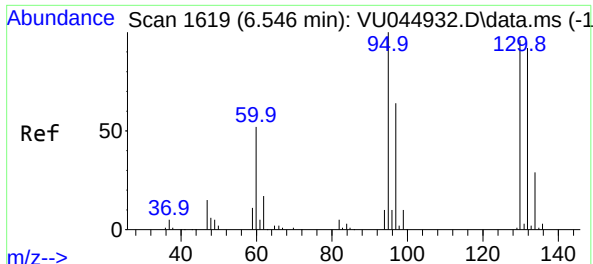


#39

Methylcyclohexane
Concen: 5.459 ug/l
RT: 6.761 min Scan# 1686
Delta R.T. -0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 83 Resp: 29548
Ion Ratio Lower Upper
83 100
55 76.8 66.2 99.4
98 47.9 37.5 56.3

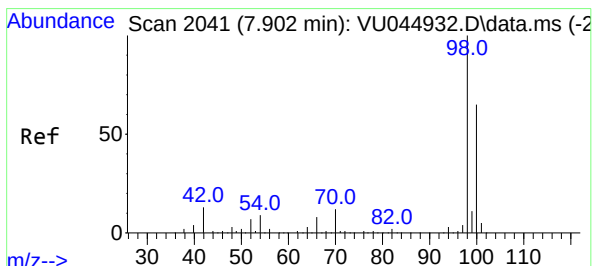
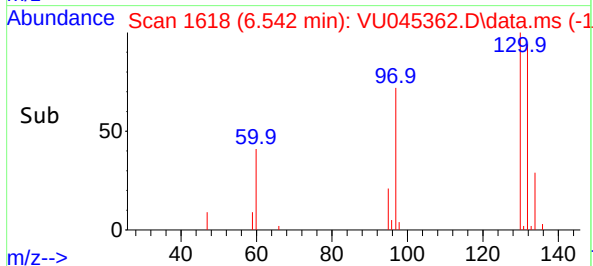
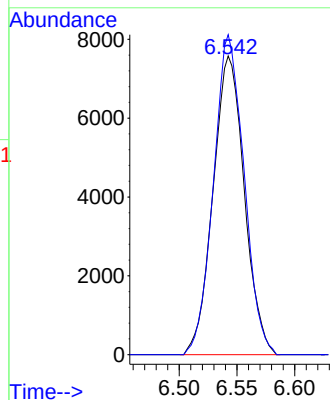
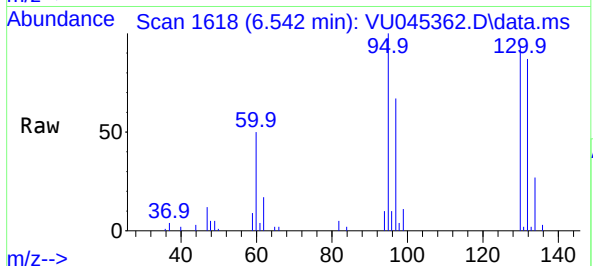




#44
Trichloroethene
Concen: 4.613 ug/l
RT: 6.542 min Scan# 1618
Delta R.T. -0.004 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

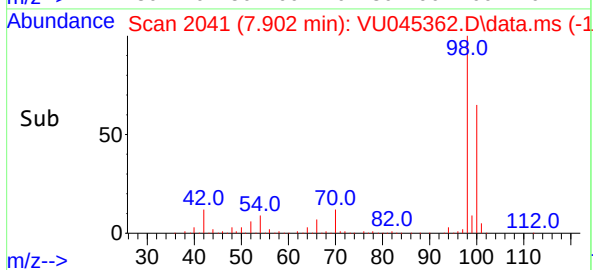
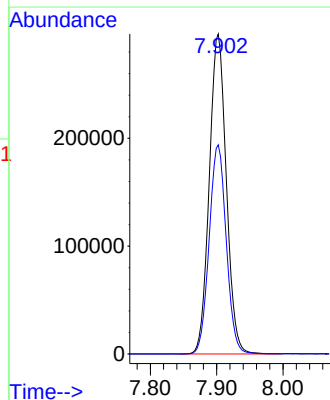
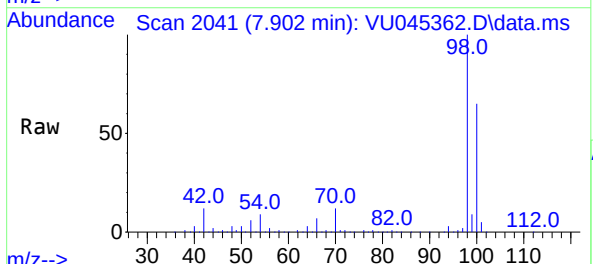
Instrument :
MSVOA_U
ClientSampled :
131DL

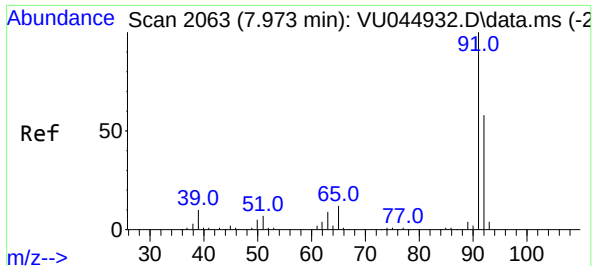
Tgt Ion:130 Resp: 14282
Ion Ratio Lower Upper
130 100
95 107.1 0.0 209.0



#50
Toluene-d8
Concen: 50.402 ug/l
RT: 7.902 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 98 Resp: 529700
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

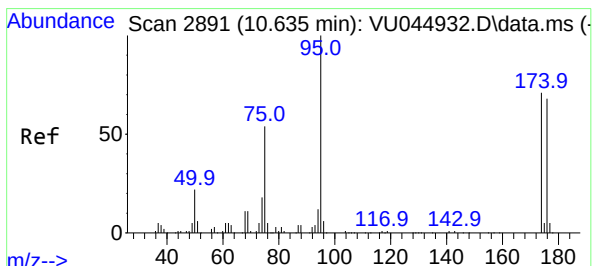
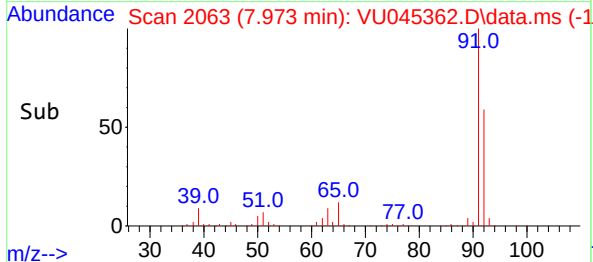
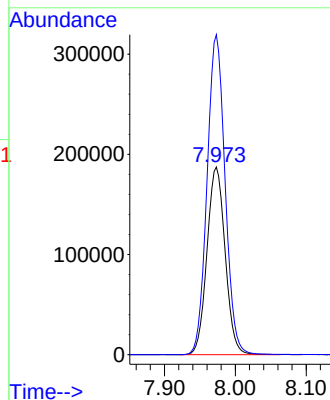
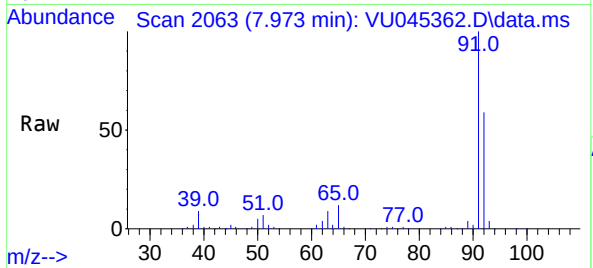




#52
Toluene
Concen: 40.563 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

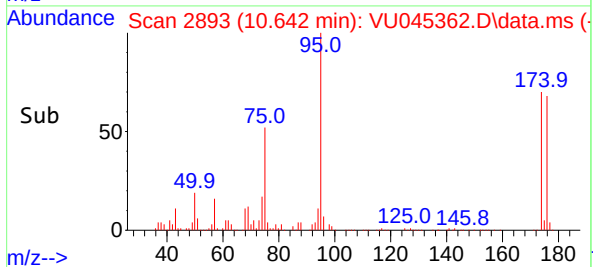
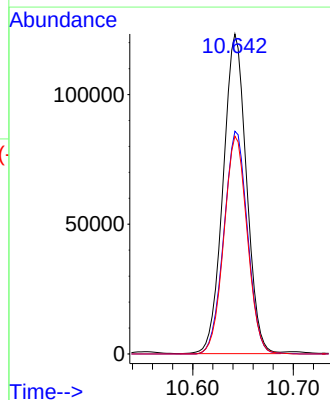
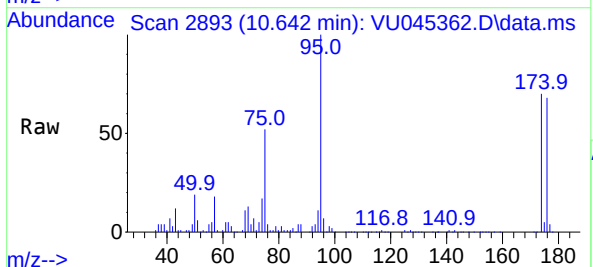
Instrument :
MSVOA_U
ClientSampled :
131DL

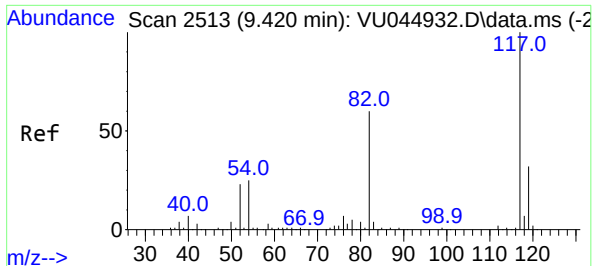
Tgt Ion: 92 Resp: 333396
Ion Ratio Lower Upper
92 100
91 169.2 136.9 205.3



#62
4-Bromofluorobenzene
Concen: 45.818 ug/l
RT: 10.642 min Scan# 2893
Delta R.T. 0.007 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 95 Resp: 198798
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.6
176 68.1 0.0 141.2



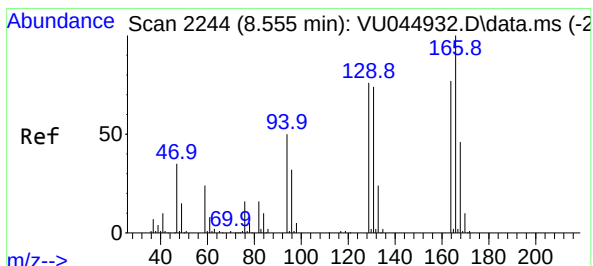
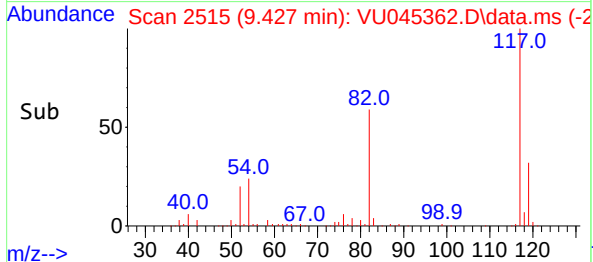
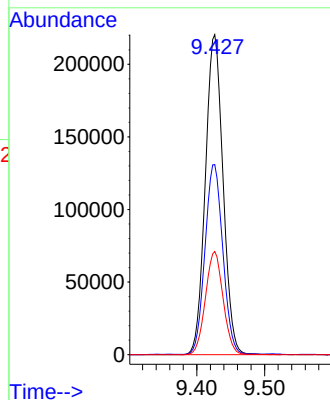
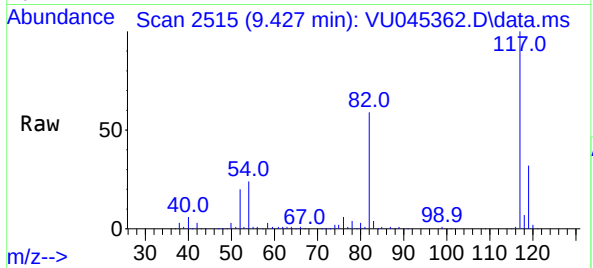


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.427 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Instrument :
MSVOA_U
ClientSampleId :
131DL

Tgt Ion:117 Resp: 399927

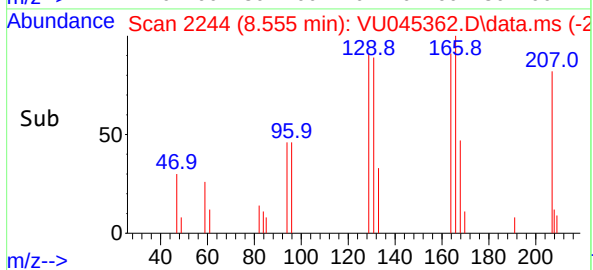
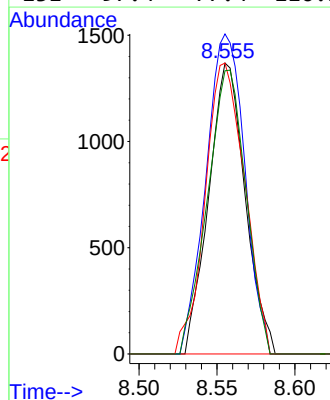
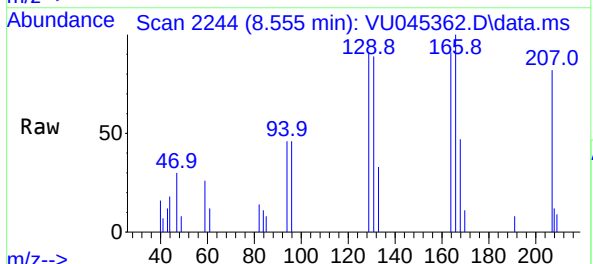
Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.8	71.8
119	32.3	25.8	38.6

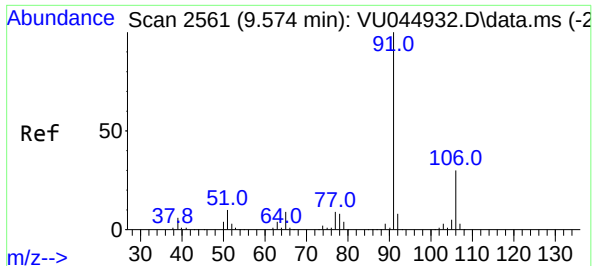


#64
Tetrachloroethene
Concen: 0.852 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion:164 Resp: 2225

Ion	Ratio	Lower	Upper
164	100		
166	110.0	102.8	154.2
129	100.0	79.4	119.2
131	97.4	77.4	116.2





#67

Ethyl Benzene

Concen: 41.847 ug/l

RT: 9.578 min Scan# 2562

Delta R.T. 0.004 min

Lab File: VU045362.D

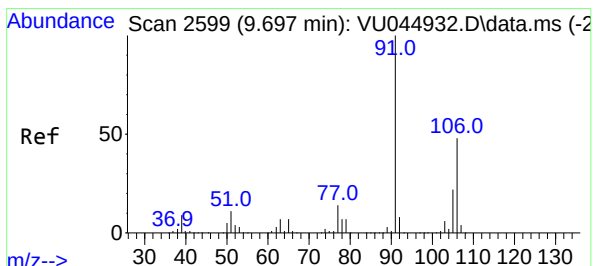
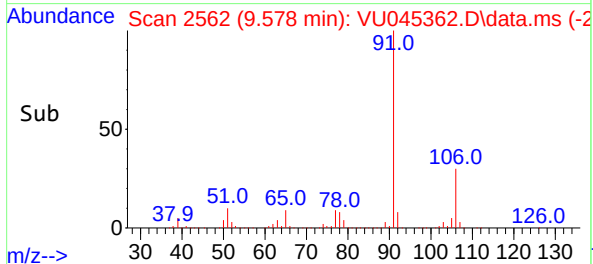
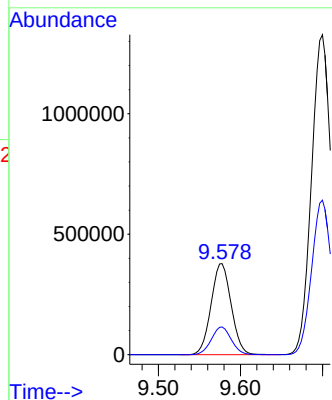
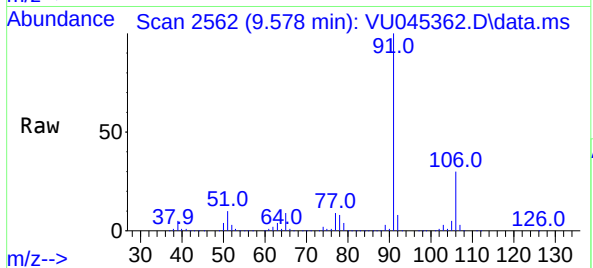
Acq: 22 Oct 2021 14:13

Tgt Ion: 91 Resp: 645672

Ion Ratio Lower Upper

91 100

106 30.3 24.3 36.5



#68

m/p-Xylenes

Concen: 183.533 ug/l

RT: 9.700 min Scan# 2600

Delta R.T. 0.003 min

Lab File: VU045362.D

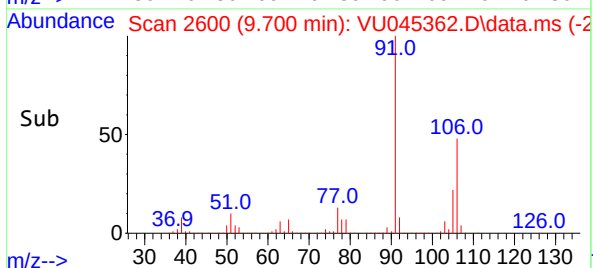
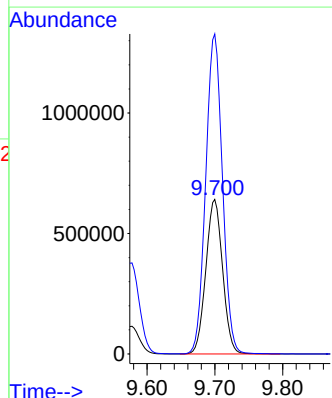
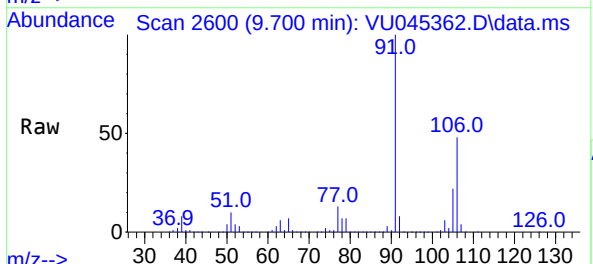
Acq: 22 Oct 2021 14:13

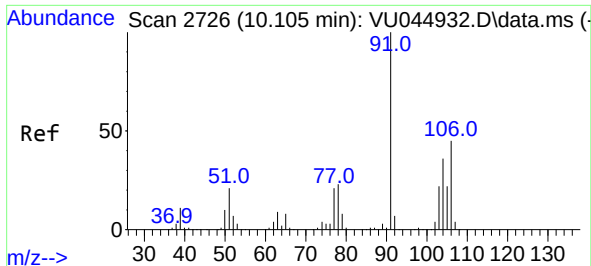
Tgt Ion:106 Resp: 1100156

Ion Ratio Lower Upper

106 100

91 206.7 164.2 246.2

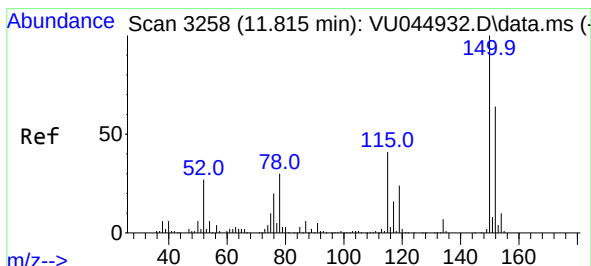
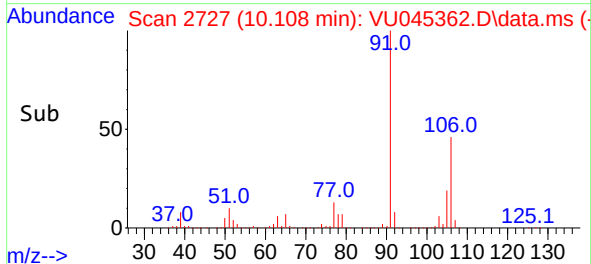
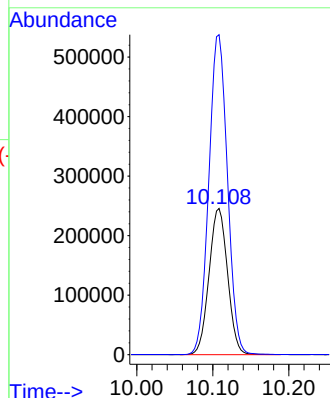
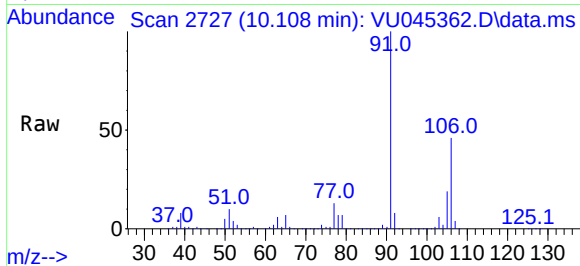




#69
o-Xylene
Concen: 69.942 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

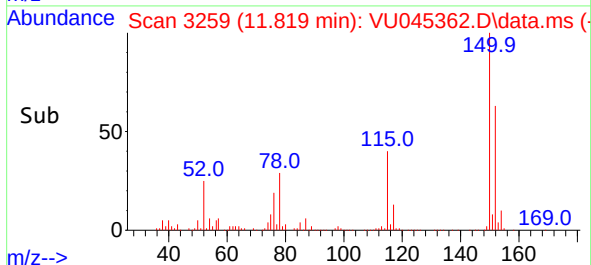
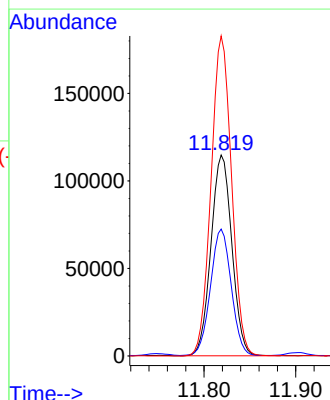
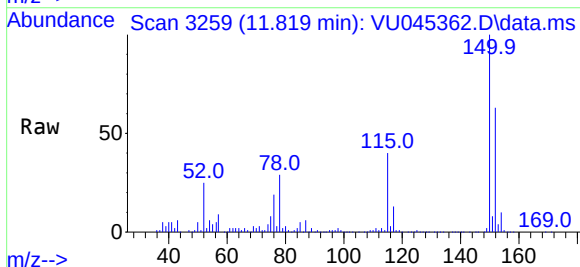
Instrument :
MSVOA_U
ClientSampleId :
131DL

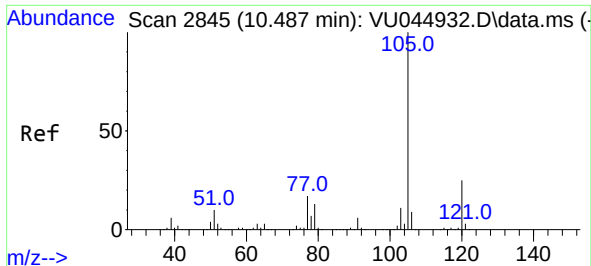
Tgt Ion:106 Resp: 416098
Ion Ratio Lower Upper
106 100
91 219.6 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. 0.004 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion:152 Resp: 181319
Ion Ratio Lower Upper
152 100
115 62.4 43.5 130.7
150 156.4 0.0 350.0

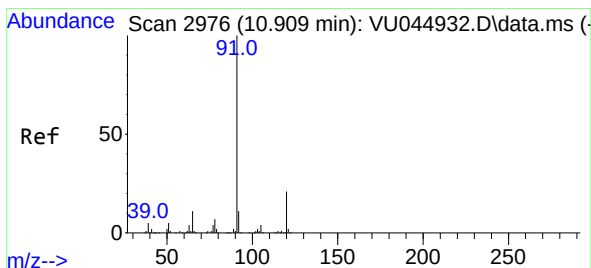
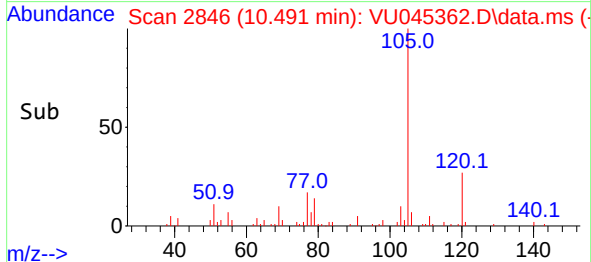
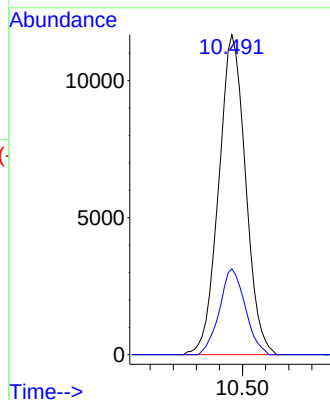
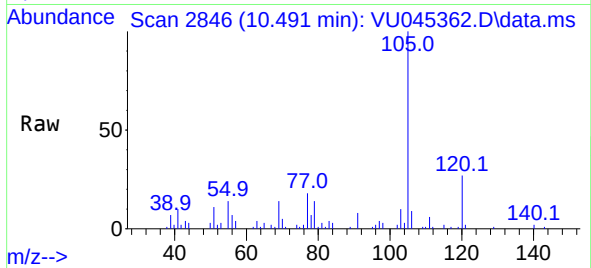




#73
Isopropylbenzene
Concen: 1.394 ug/l
RT: 10.491 min Scan# 2846
Delta R.T. 0.004 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

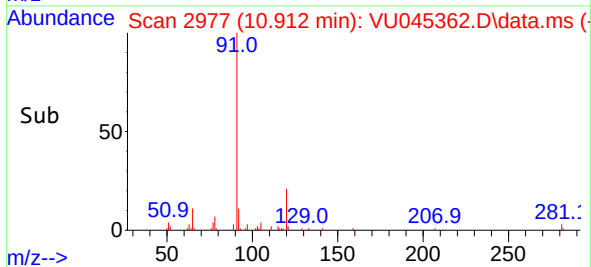
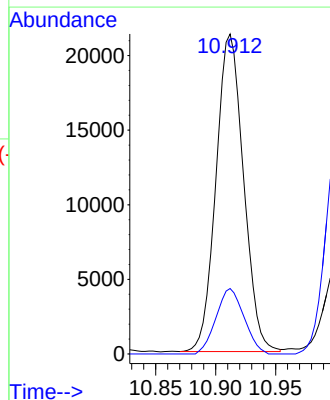
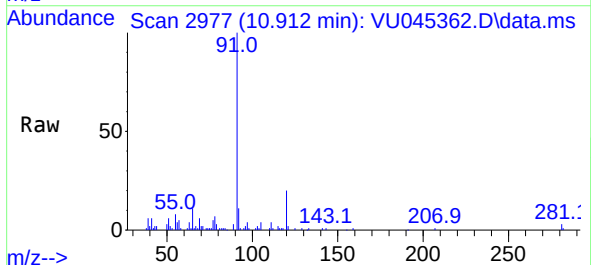
Instrument :
MSVOA_U
ClientSampled :
131DL

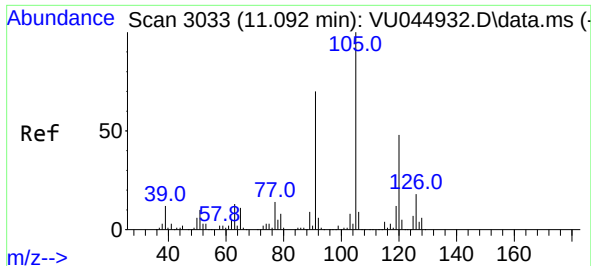
Tgt Ion:105 Resp: 18816
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.3



#78
n-propylbenzene
Concen: 2.064 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. 0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion: 91 Resp: 33968
Ion Ratio Lower Upper
91 100
120 20.9 10.8 32.4

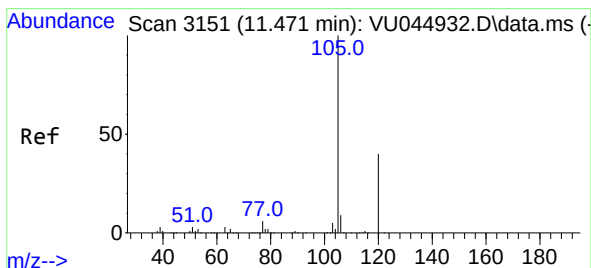
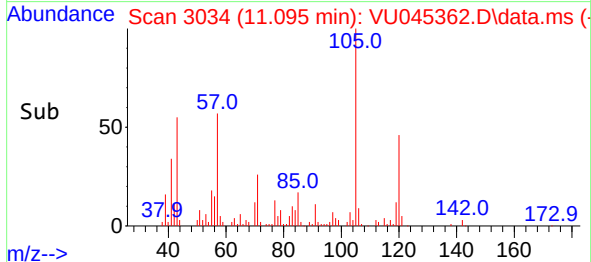
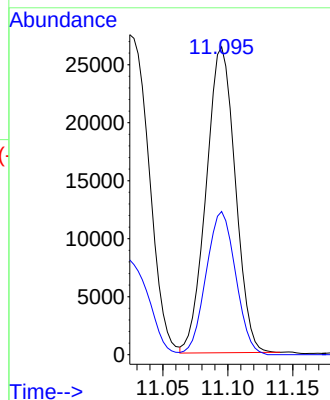
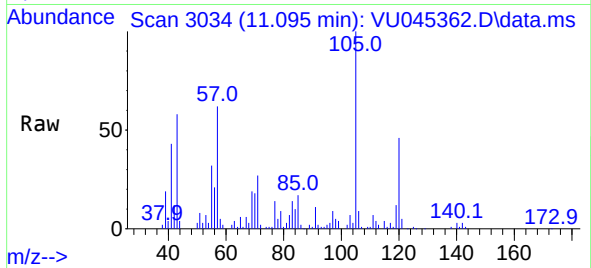




#80
1,3,5-Trimethylbenzene
Concen: 3.477 ug/l
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

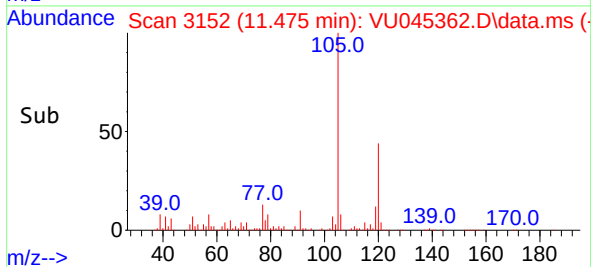
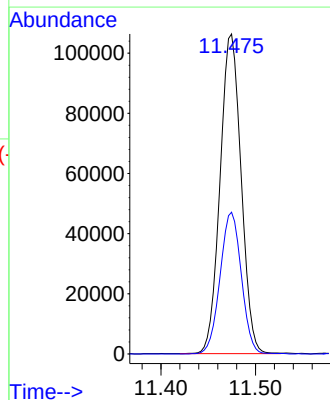
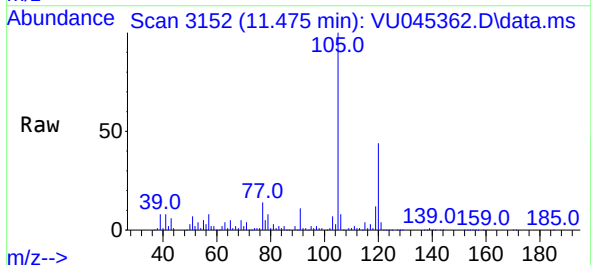
Instrument :
MSVOA_U
ClientSampled :
131DL

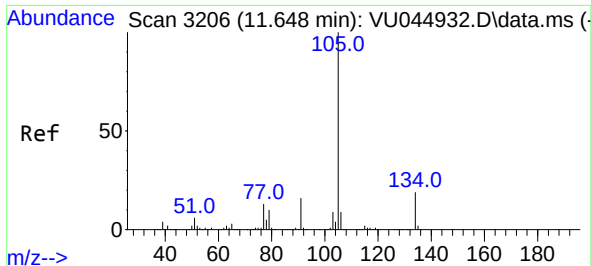
Tgt Ion:105 Resp: 41131
Ion Ratio Lower Upper
105 100
120 47.4 24.1 72.2



#84
1,2,4-Trimethylbenzene
Concen: 14.040 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045362.D
Acq: 22 Oct 2021 14:13

Tgt Ion:105 Resp: 164306
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.3

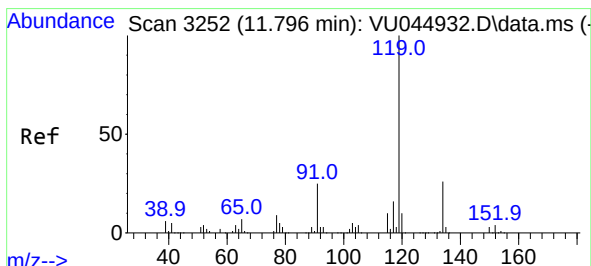
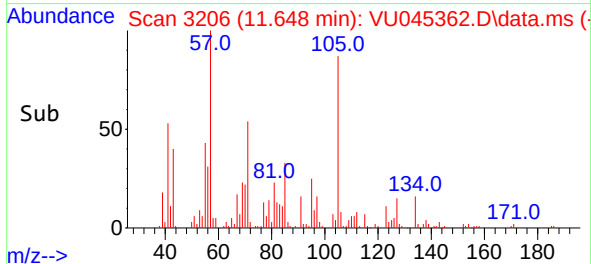
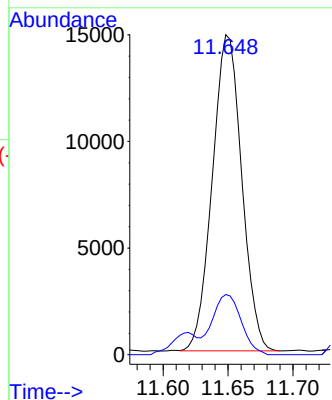
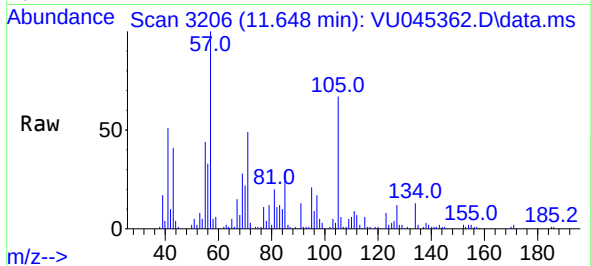




#85
 sec-Butylbenzene
 Concen: 1.574 ug/l
 RT: 11.648 min Scan# 3206
 Delta R.T. 0.000 min
 Lab File: VU045362.D
 Acq: 22 Oct 2021 14:13

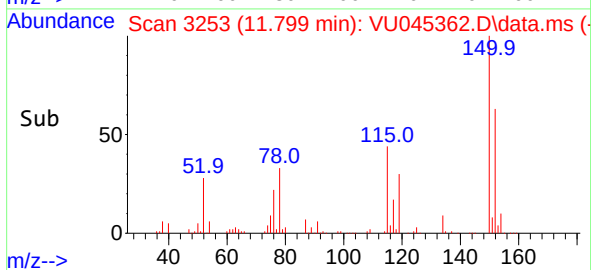
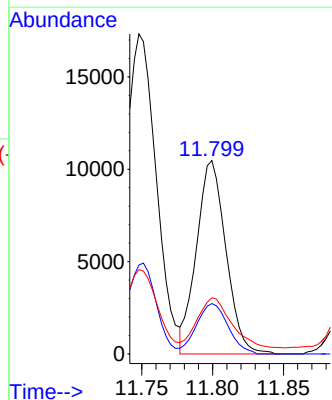
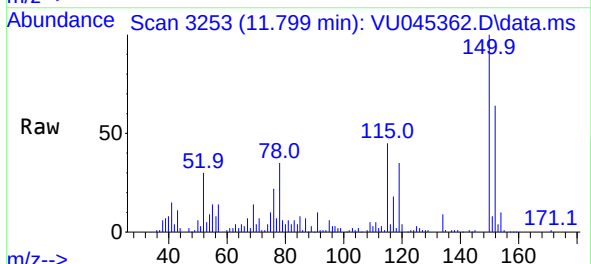
Instrument :
 MSVOA_U
 ClientSampled :
 131DL

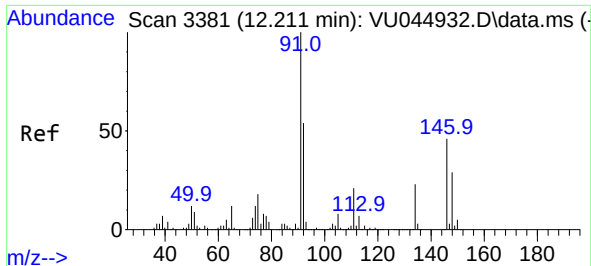
Tgt Ion:105 Resp: 23325
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 1.270 ug/l
 RT: 11.799 min Scan# 3253
 Delta R.T. 0.003 min
 Lab File: VU045362.D
 Acq: 22 Oct 2021 14:13

Tgt Ion:119 Resp: 15140
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.8 38.3
 91 29.4 12.2 36.6





#89
 n-Butylbenzene
 Concen: 6.179 ug/l
 RT: 12.211 min Scan# 3381
 Delta R.T. -0.000 min
 Lab File: VU045362.D
 Acq: 22 Oct 2021 14:13

Instrument :
 MSVOA_U
 ClientSampleId :
 131DL

Tgt Ion: 91 Resp: 67834
 Ion Ratio Lower Upper
 91 100
 92 41.7 26.8 80.4
 134 75.5 11.8 35.4#

