

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093021\
 Data File : VU045053.D
 Acq On : 30 Sep 2021 17:37
 Operator : SY/MD
 Sample : M3926-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-1-MW-5R-0921

Quant Time: Oct 01 05:40:53 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	5.379	168	190137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	345450	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	320757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	158339	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.707	65	160352	50.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.32%
35) Dibromofluoromethane	5.295	113	110737	50.82	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.64%
50) Toluene-d8	7.903	98	439029	50.99	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.98%
62) 4-Bromofluorobenzene	10.636	95	163598	46.02	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.04%

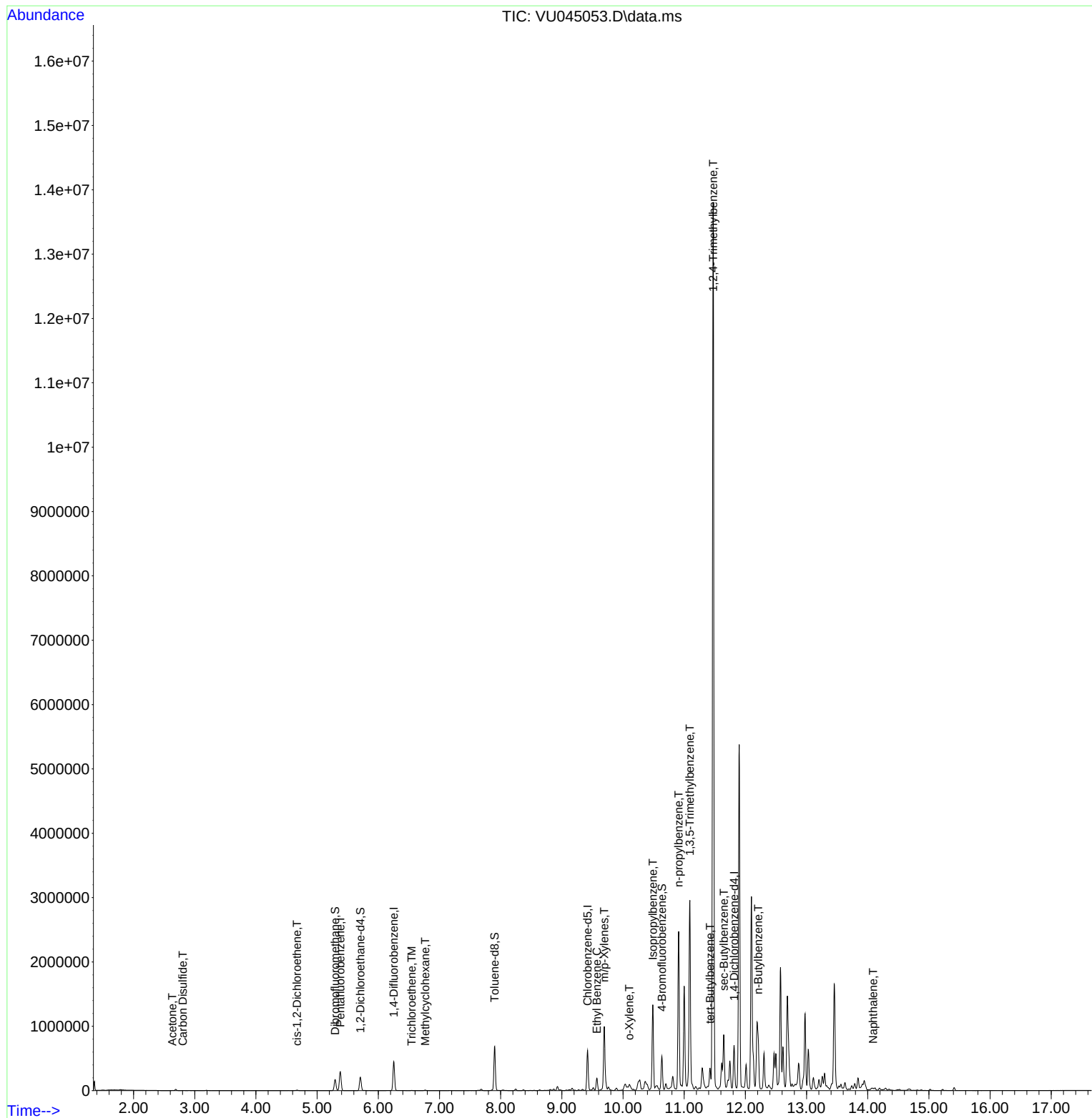
Target Compounds					Qvalue
16) Acetone	2.636	43	3316	1.77	ug/l 97
17) Carbon Disulfide	2.803	76	4365	0.66	ug/l 99
27) cis-1,2-Dichloroethene	4.671	96	4030	1.38	ug/l 89
39) Methylcyclohexane	6.768	83	3712	0.84	ug/l 98
44) Trichloroethene	6.546	130	1150	0.45	ug/l 97
67) Ethyl Benzene	9.571	91	117098	9.46	ug/l 96
68) m/p-Xylenes	9.694	106	247824	51.55	ug/l 97
69) o-Xylene	10.102	106	20568	4.31	ug/l 100
73) Isopropylbenzene	10.488	105	829925	70.38	ug/l 100
78) n-propylbenzene	10.909	91	1858608	129.35	ug/l 99
80) 1,3,5-Trimethylbenzene	11.092	105	1525341	147.67	ug/l 100
83) tert-Butylbenzene	11.423	119	102938	10.25	ug/l 87
84) 1,2,4-Trimethylbenzene	11.475	105	7269833	711.38	ug/l 100
85) sec-Butylbenzene	11.649	105	520726	40.24	ug/l 99
89) n-Butylbenzene	12.211	91	412505	43.03	ug/l # 73
95) Naphthalene	14.089	128	23482	2.01	ug/l # 90

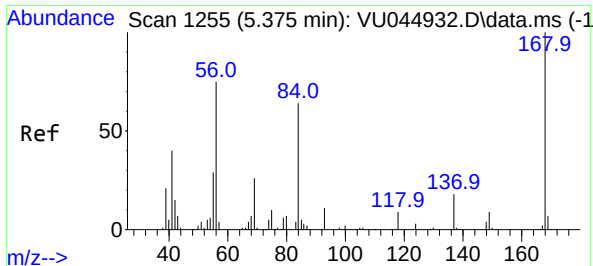
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 28 12:32:13 2021
Response via : Initial Calibration

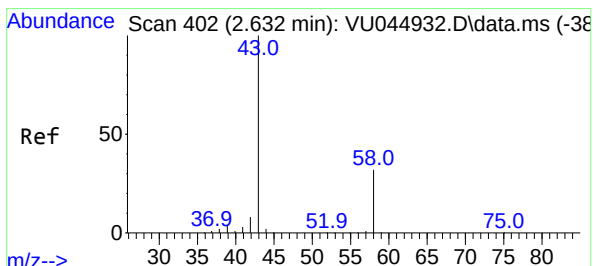
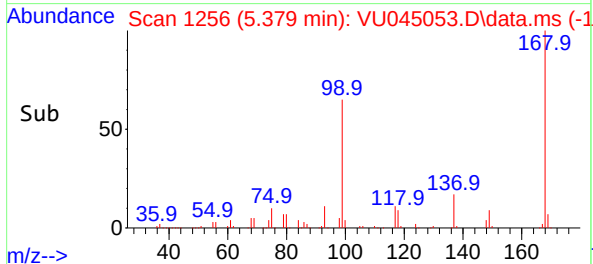
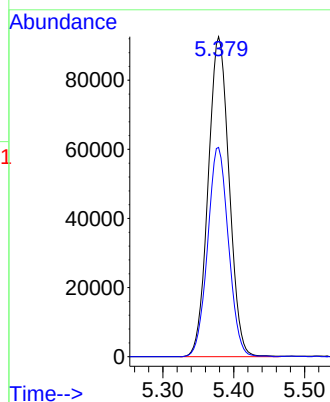
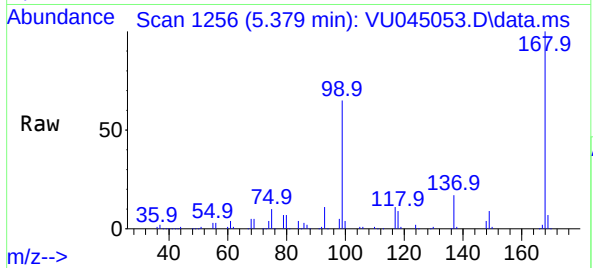




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.379 min Scan# 1256
Delta R.T. 0.004 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

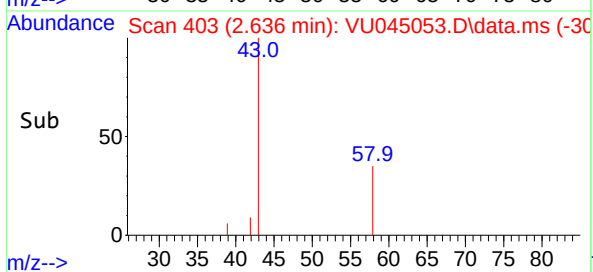
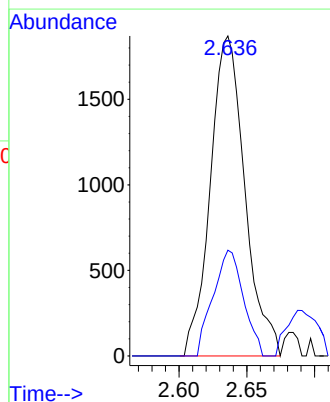
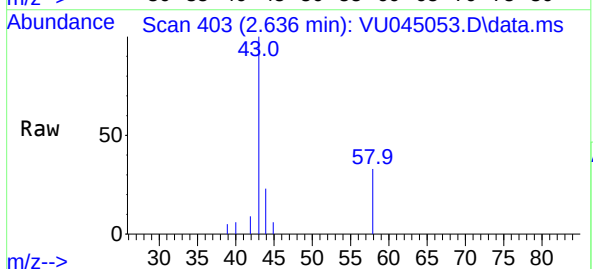
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

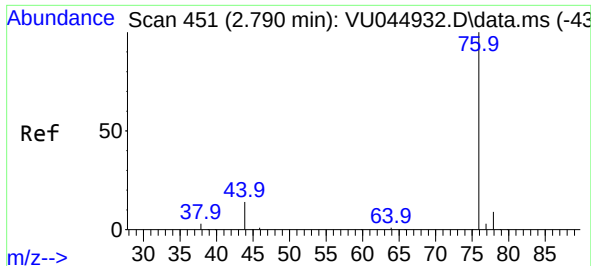
Tgt Ion:168 Resp: 190137
Ion Ratio Lower Upper
168 100
99 65.4 51.4 77.0



#16
Acetone
Concen: 1.77 ug/l
RT: 2.636 min Scan# 403
Delta R.T. 0.004 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 43 Resp: 3316
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8

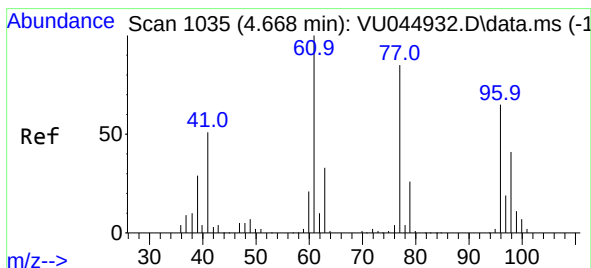
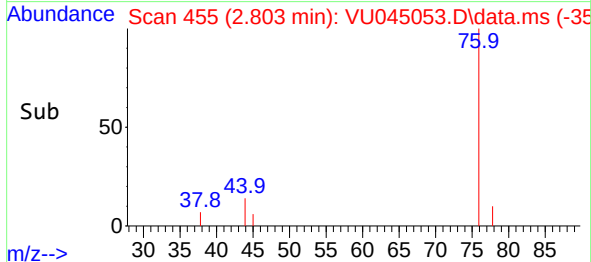
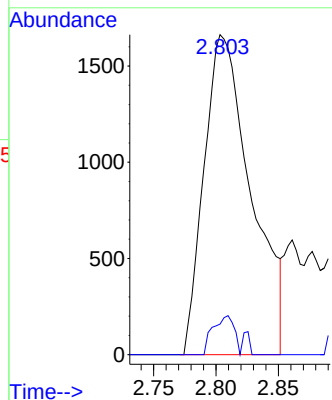
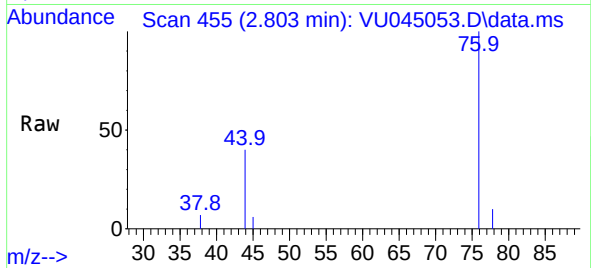




#17
Carbon Disulfide
Concen: 0.66 ug/l
RT: 2.803 min Scan# 455
Delta R.T. 0.013 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

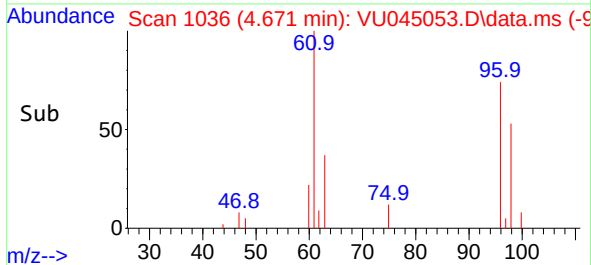
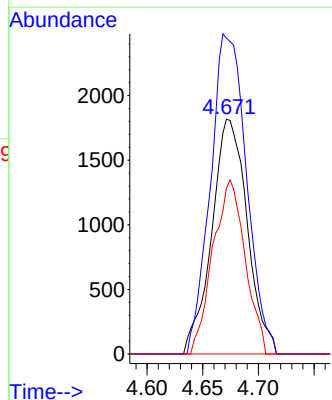
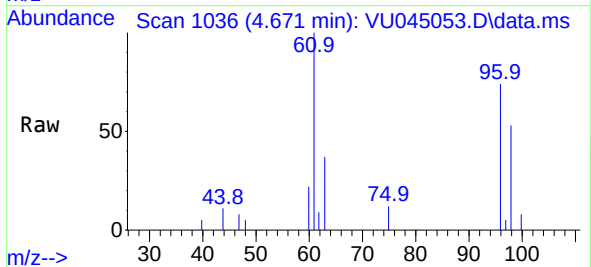
Instrument :
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ClientSampleId :
EP-1-MW-5R-0921

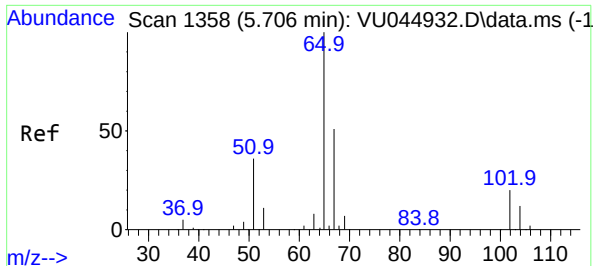
Tgt Ion: 76 Resp: 4365
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#27
cis-1,2-Dichloroethene
Concen: 1.38 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 96 Resp: 4030
Ion Ratio Lower Upper
96 100
61 138.5 0.0 313.4
98 67.2 0.0 127.0



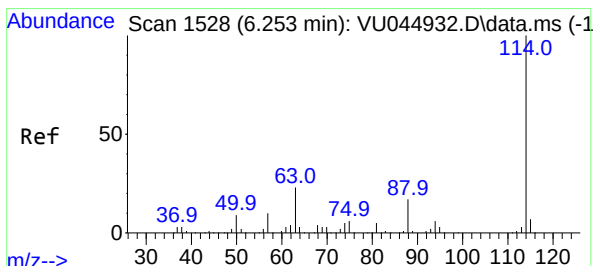
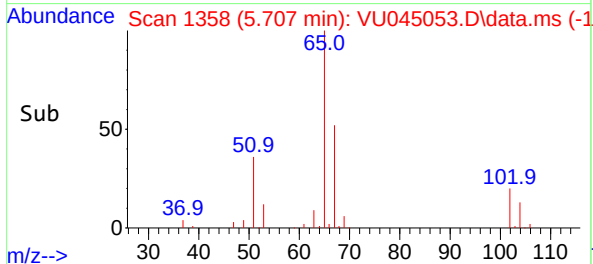
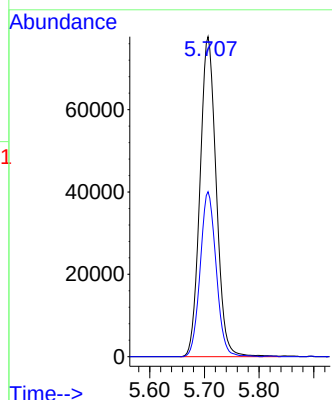
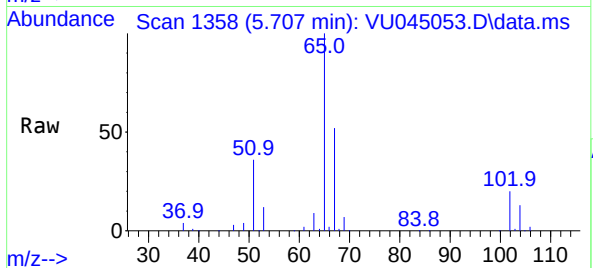


#33

1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 5.707 min Scan# 1358
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

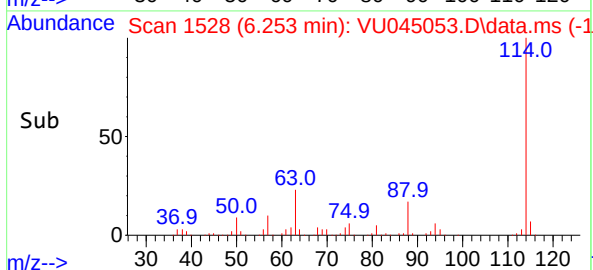
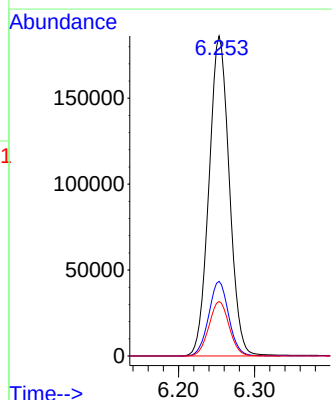
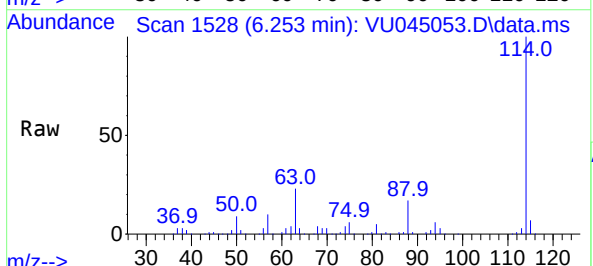
Tgt Ion: 65 Resp: 160352
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.8

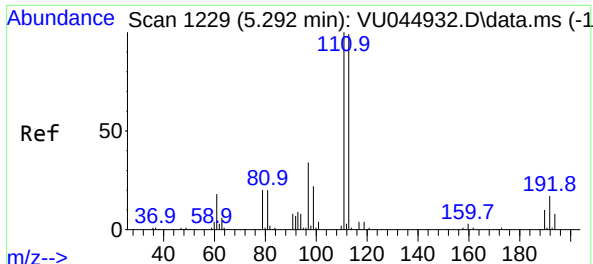


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.253 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 114 Resp: 345450
Ion Ratio Lower Upper
114 100
63 23.3 0.0 47.8
88 17.0 0.0 32.8

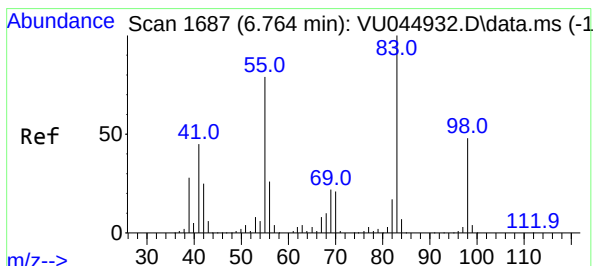
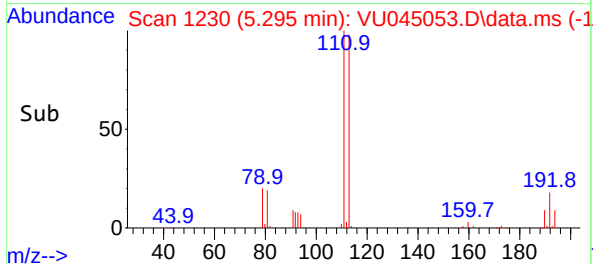
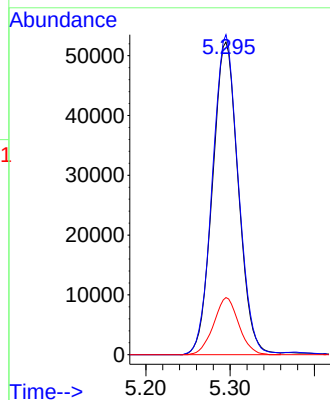
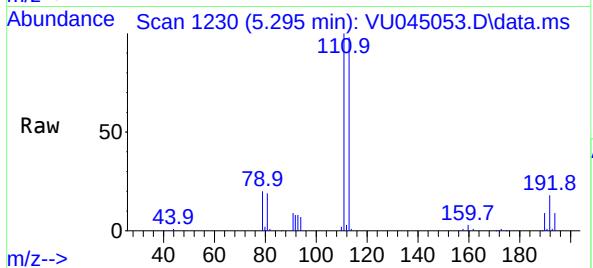




#35
Dibromofluoromethane
Concen: 50.82 ug/l
RT: 5.295 min Scan# 1230
Delta R.T. 0.003 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

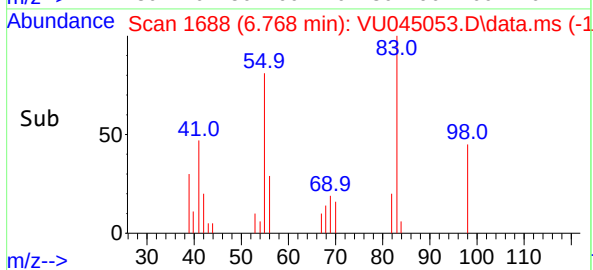
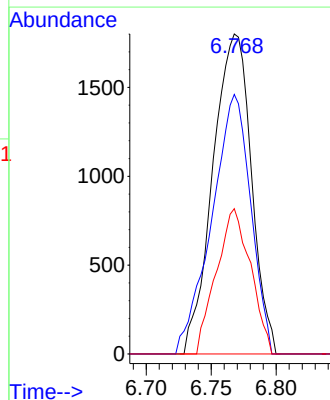
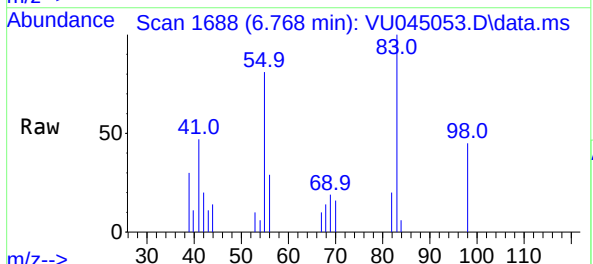
Instrument :
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ClientSampleId :
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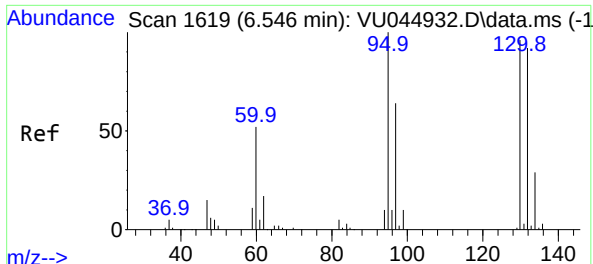
Tgt Ion:113 Resp: 110737
Ion Ratio Lower Upper
113 100
111 102.6 84.1 126.1
192 17.8 14.8 22.2



#39
Methylcyclohexane
Concen: 0.84 ug/l
RT: 6.768 min Scan# 1688
Delta R.T. 0.004 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 83 Resp: 3712
Ion Ratio Lower Upper
83 100
55 81.1 66.2 99.4
98 45.4 37.5 56.3

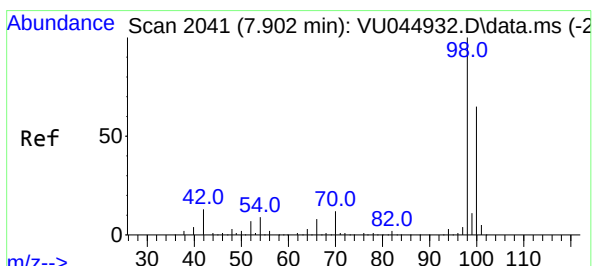
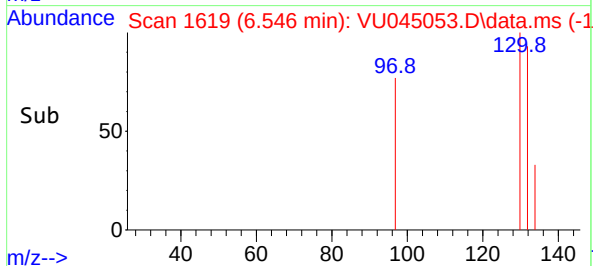
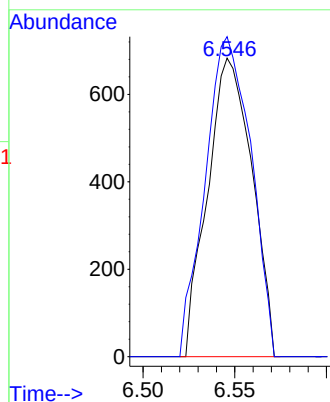
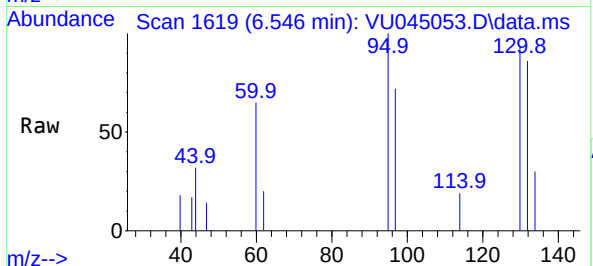




#44
Trichloroethene
Concen: 0.45 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

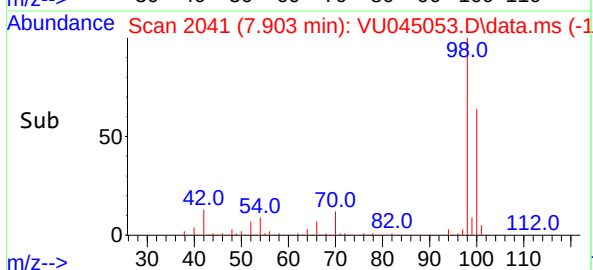
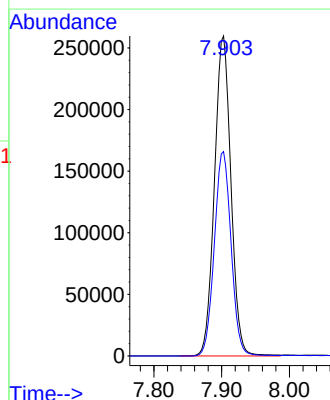
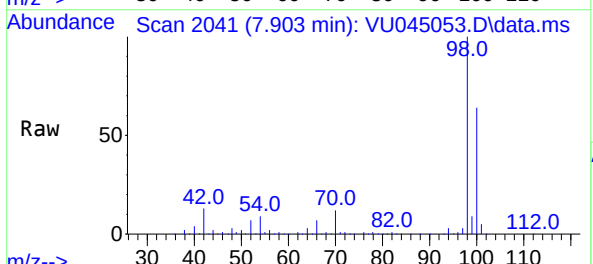
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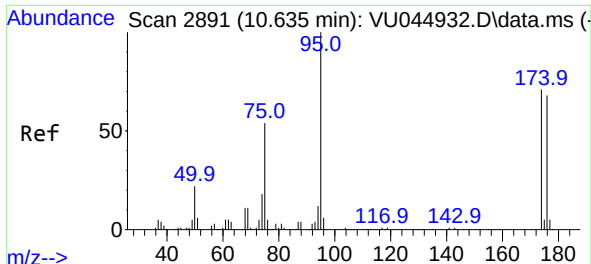
Tgt Ion:130 Resp: 1150
Ion Ratio Lower Upper
130 100
95 107.2 0.0 209.0



#50
Toluene-d8
Concen: 50.99 ug/l
RT: 7.903 min Scan# 2041
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 98 Resp: 439029
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

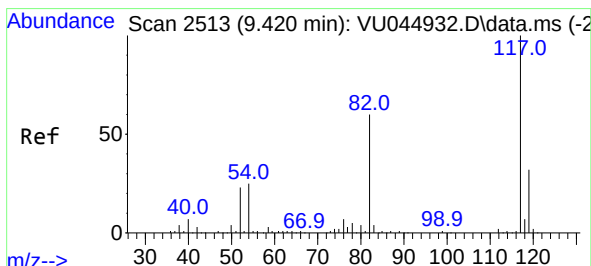
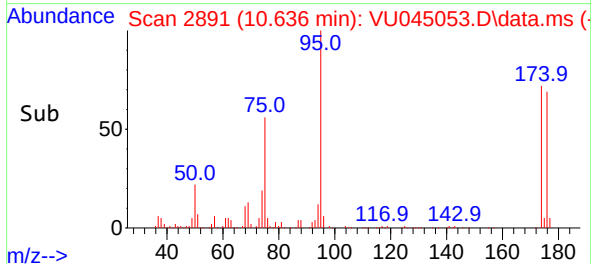
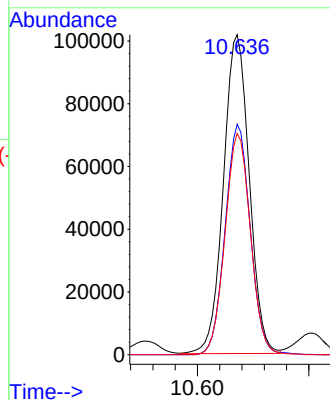
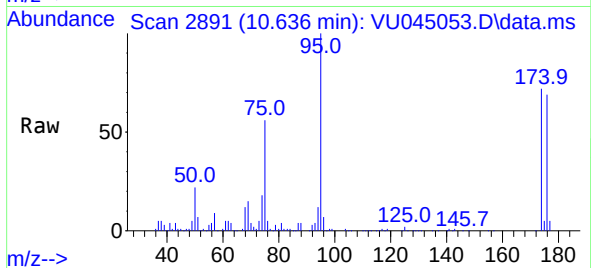




#62
4-Bromofluorobenzene
Concen: 46.02 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

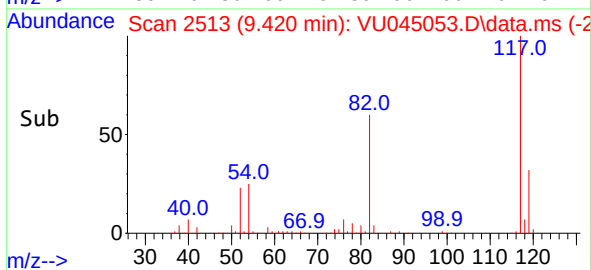
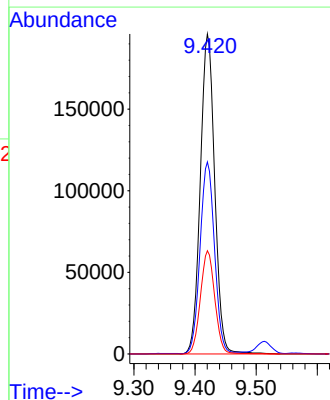
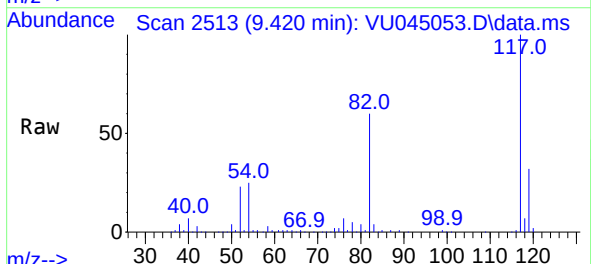
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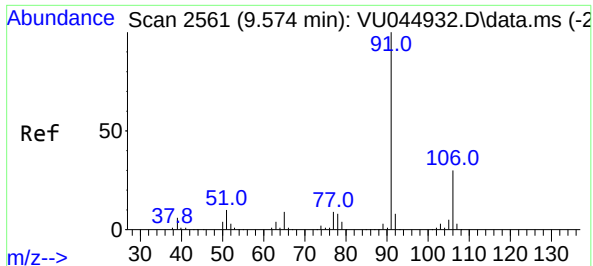
Tgt Ion: 95 Resp: 163598
Ion Ratio Lower Upper
95 100
174 70.4 0.0 146.6
176 68.2 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.420 min Scan# 2513
Delta R.T. 0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 117 Resp: 320757
Ion Ratio Lower Upper
117 100
82 59.9 47.8 71.8
119 32.2 25.8 38.6





#67

Ethyl Benzene

Concen: 9.46 ug/l

RT: 9.571 min Scan# 2560

Delta R.T. -0.003 min

Lab File: VU045053.D

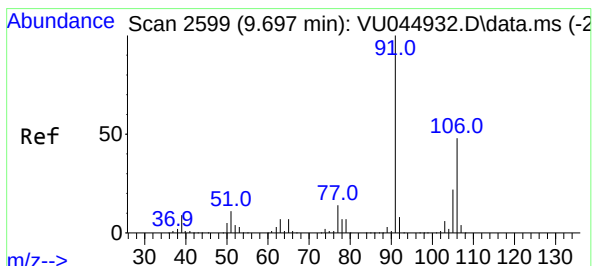
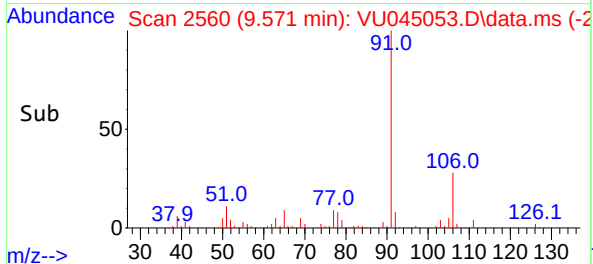
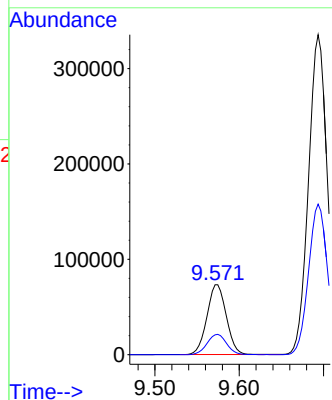
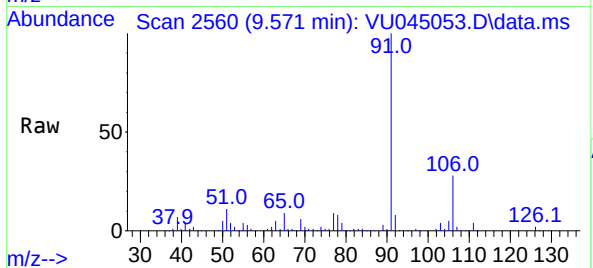
Acq: 30 Sep 2021 17:37

Tgt Ion: 91 Resp: 117098

Ion Ratio Lower Upper

91 100

106 28.5 24.3 36.5



#68

m/p-Xylenes

Concen: 51.55 ug/l

RT: 9.694 min Scan# 2598

Delta R.T. -0.003 min

Lab File: VU045053.D

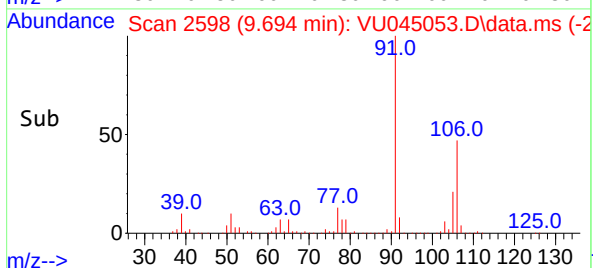
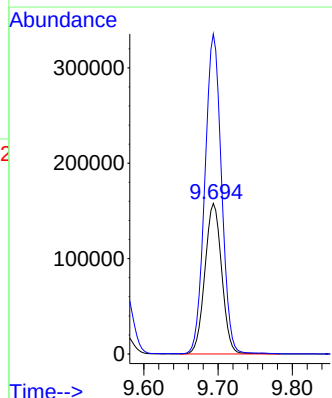
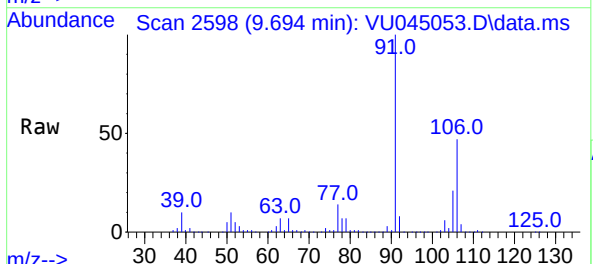
Acq: 30 Sep 2021 17:37

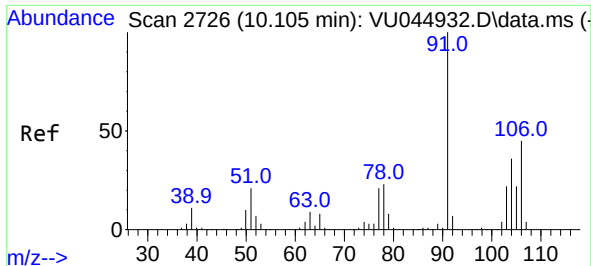
Tgt Ion: 106 Resp: 247824

Ion Ratio Lower Upper

106 100

91 209.5 164.2 246.2

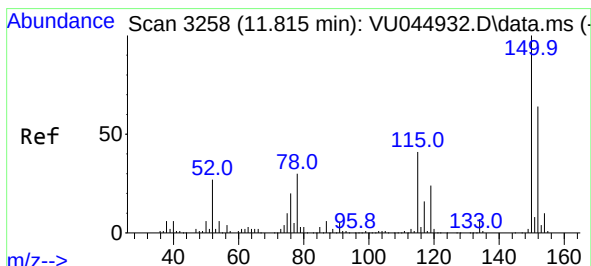
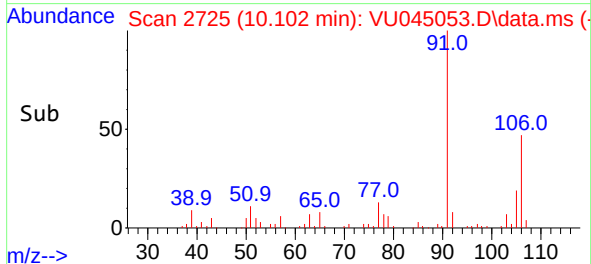
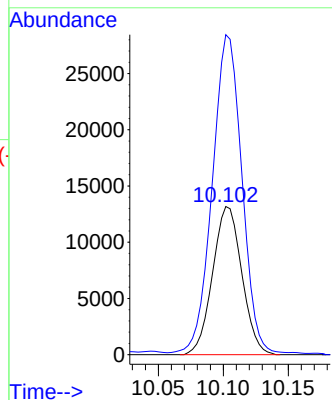
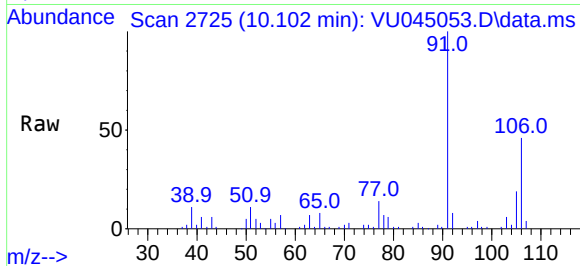




#69
o-Xylene
Concen: 4.31 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

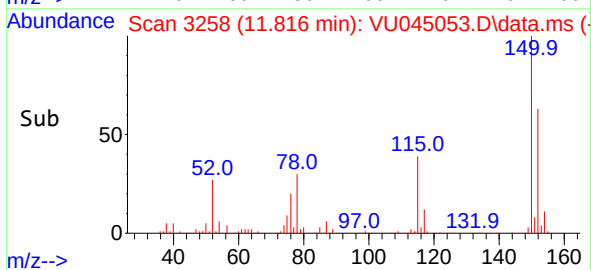
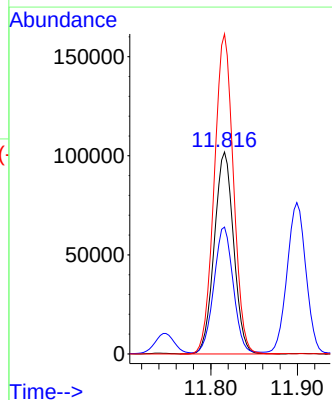
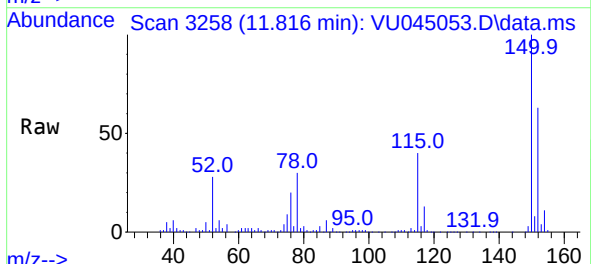
Instrument :
MSVOA_U
ClientSampleId :
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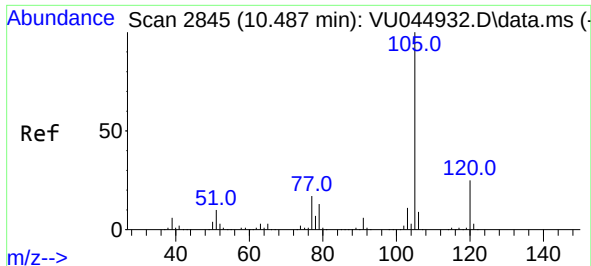
Tgt Ion:106 Resp: 20568
Ion Ratio Lower Upper
106 100
91 217.8 108.9 326.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion:152 Resp: 158339
Ion Ratio Lower Upper
152 100
115 62.3 43.5 130.7
150 157.0 0.0 350.0

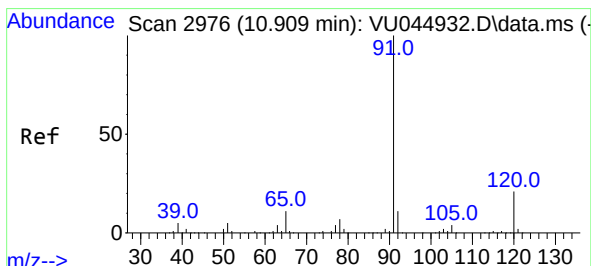
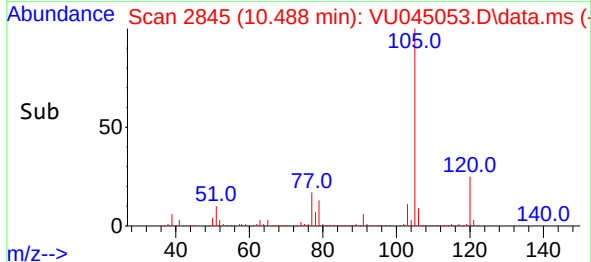
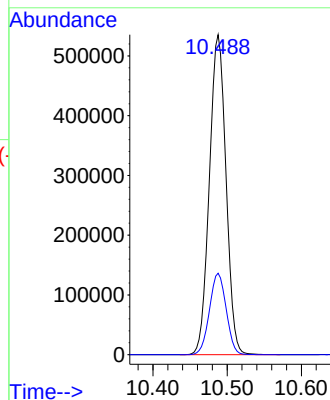
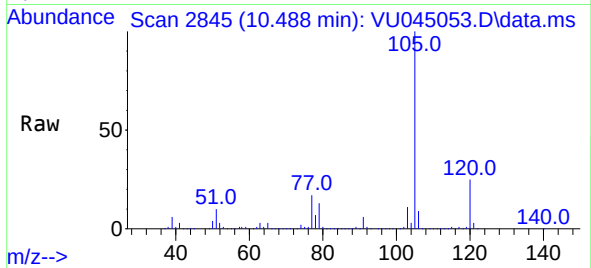




#73
Isopropylbenzene
Concen: 70.38 ug/l
RT: 10.488 min Scan# 2845
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

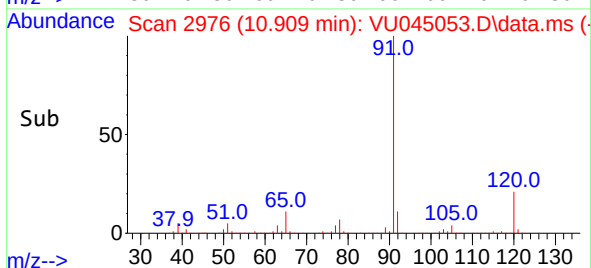
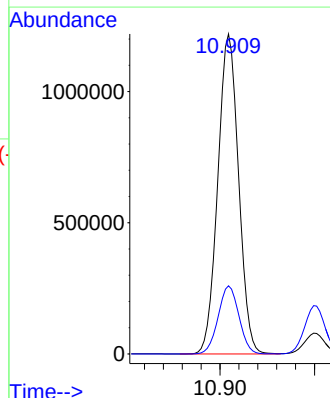
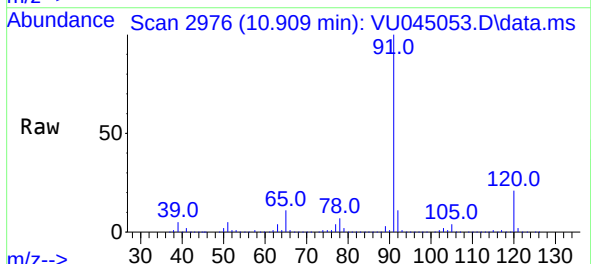
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

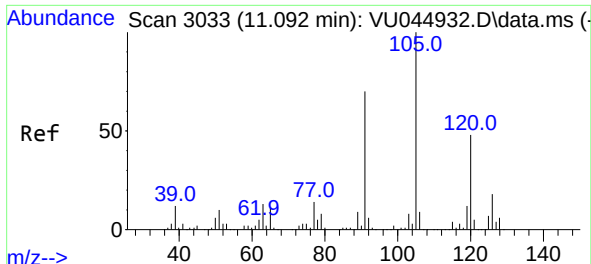
Tgt Ion:105 Resp: 829925
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#78
n-propylbenzene
Concen: 129.35 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. -0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion: 91 Resp: 1858608
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.4

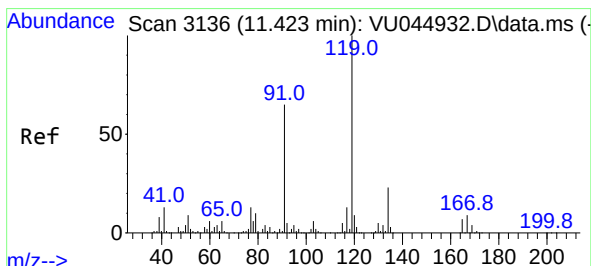
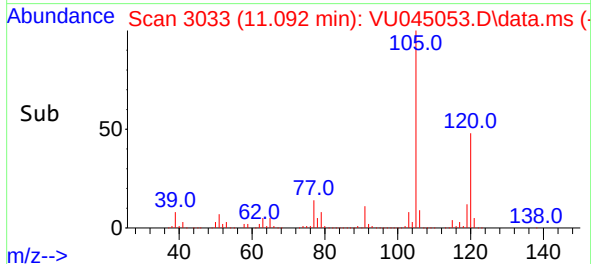
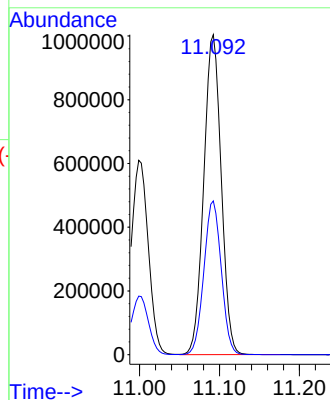
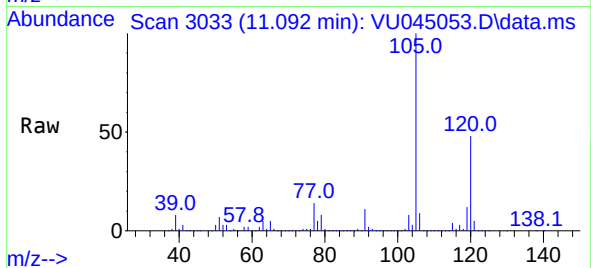




#80
1,3,5-Trimethylbenzene
Concen: 147.67 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

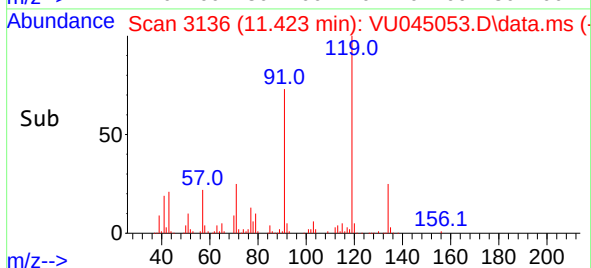
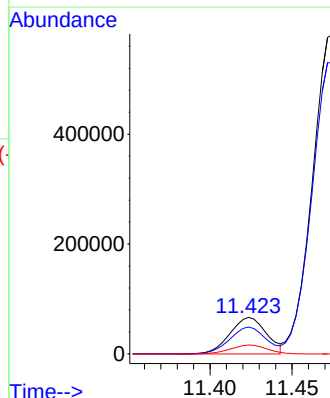
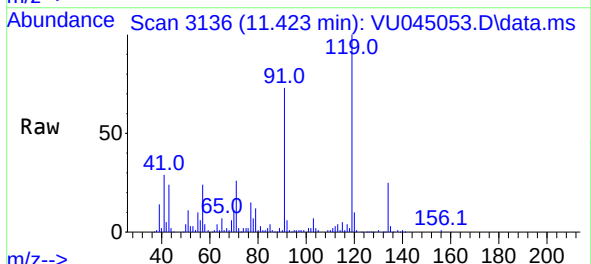
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

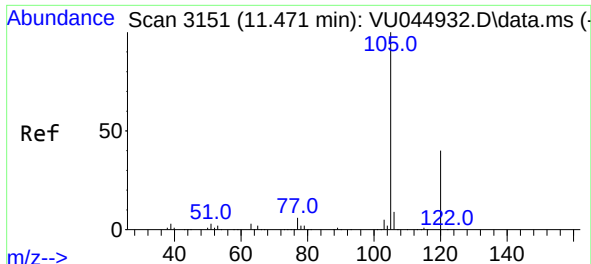
Tgt Ion:105 Resp: 1525341
Ion Ratio Lower Upper
105 100
120 47.8 24.1 72.2



#83
tert-Butylbenzene
Concen: 10.25 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion:119 Resp: 102938
Ion Ratio Lower Upper
119 100
91 73.1 30.4 91.2
134 24.8 11.5 34.5

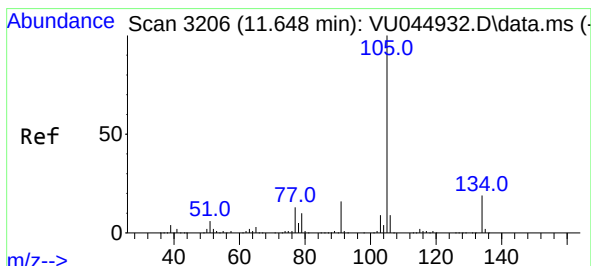
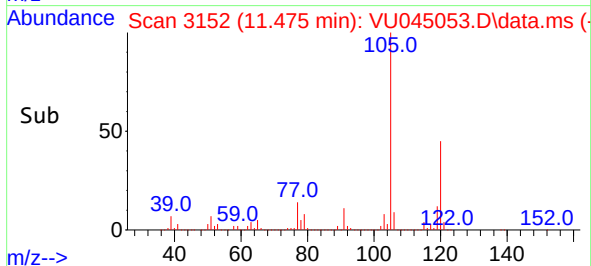
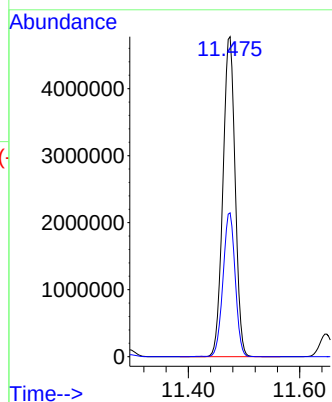
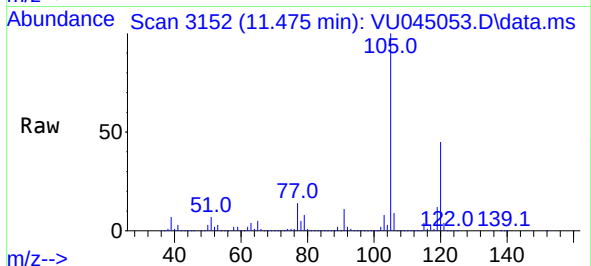




#84
1,2,4-Trimethylbenzene
Concen: 711.38 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. 0.004 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

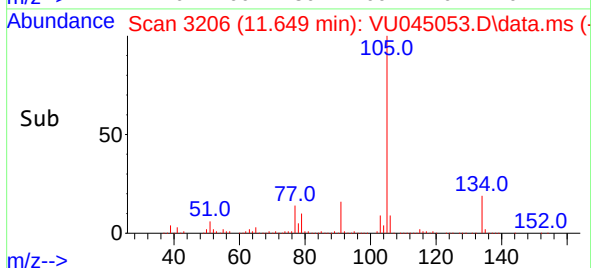
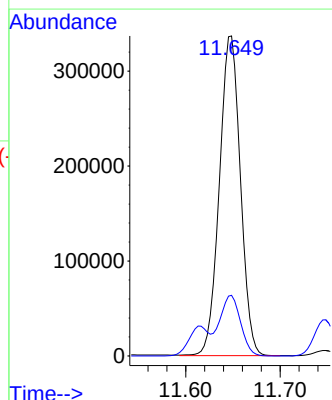
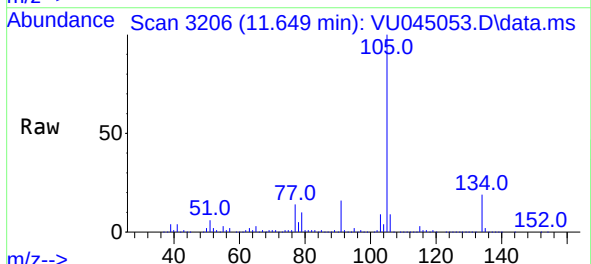
Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

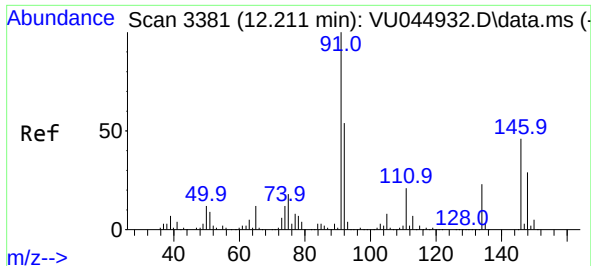
Tgt Ion:105 Resp: 7269833
Ion Ratio Lower Upper
105 100
120 44.8 22.4 67.3



#85
sec-Butylbenzene
Concen: 40.24 ug/l
RT: 11.649 min Scan# 3206
Delta R.T. 0.001 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion:105 Resp: 520726
Ion Ratio Lower Upper
105 100
134 19.0 9.3 28.0

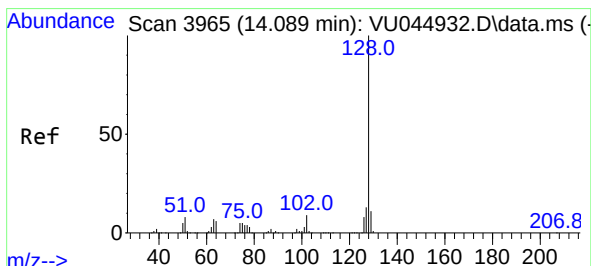
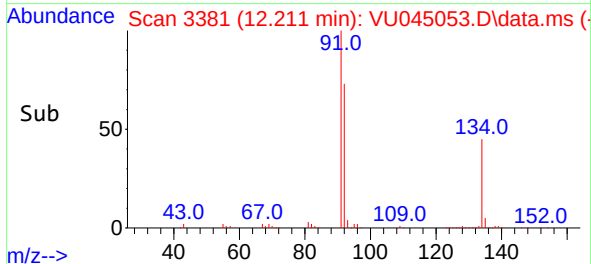
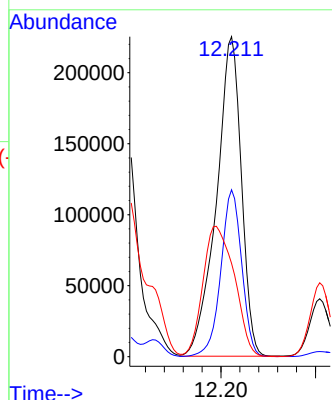
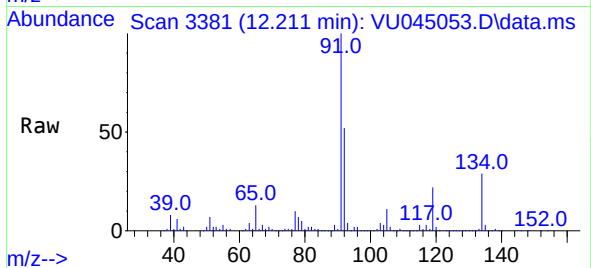




#89
n-Butylbenzene
Concen: 43.03 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Instrument :
MSVOA_U
ClientSampleId :
EP-1-MW-5R-0921

Tgt Ion: 91 Resp: 412505
Ion Ratio Lower Upper
91 100
92 43.8 26.8 80.4
134 51.5 11.8 35.4#



#95
Naphthalene
Concen: 2.01 ug/l
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045053.D
Acq: 30 Sep 2021 17:37

Tgt Ion:128 Resp: 23482
Ion Ratio Lower Upper
128 100
127 15.5 10.4 15.6
129 5.6 8.6 13.0#

