

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042882.D
 Acq On : 01 Apr 2021 18:01
 Operator : SY/MD
 Sample : M1847-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR20MS

Quant Time: Apr 02 05:19:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR040121WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 02 05:16:37 2021
 Response via : Initial Calibration

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

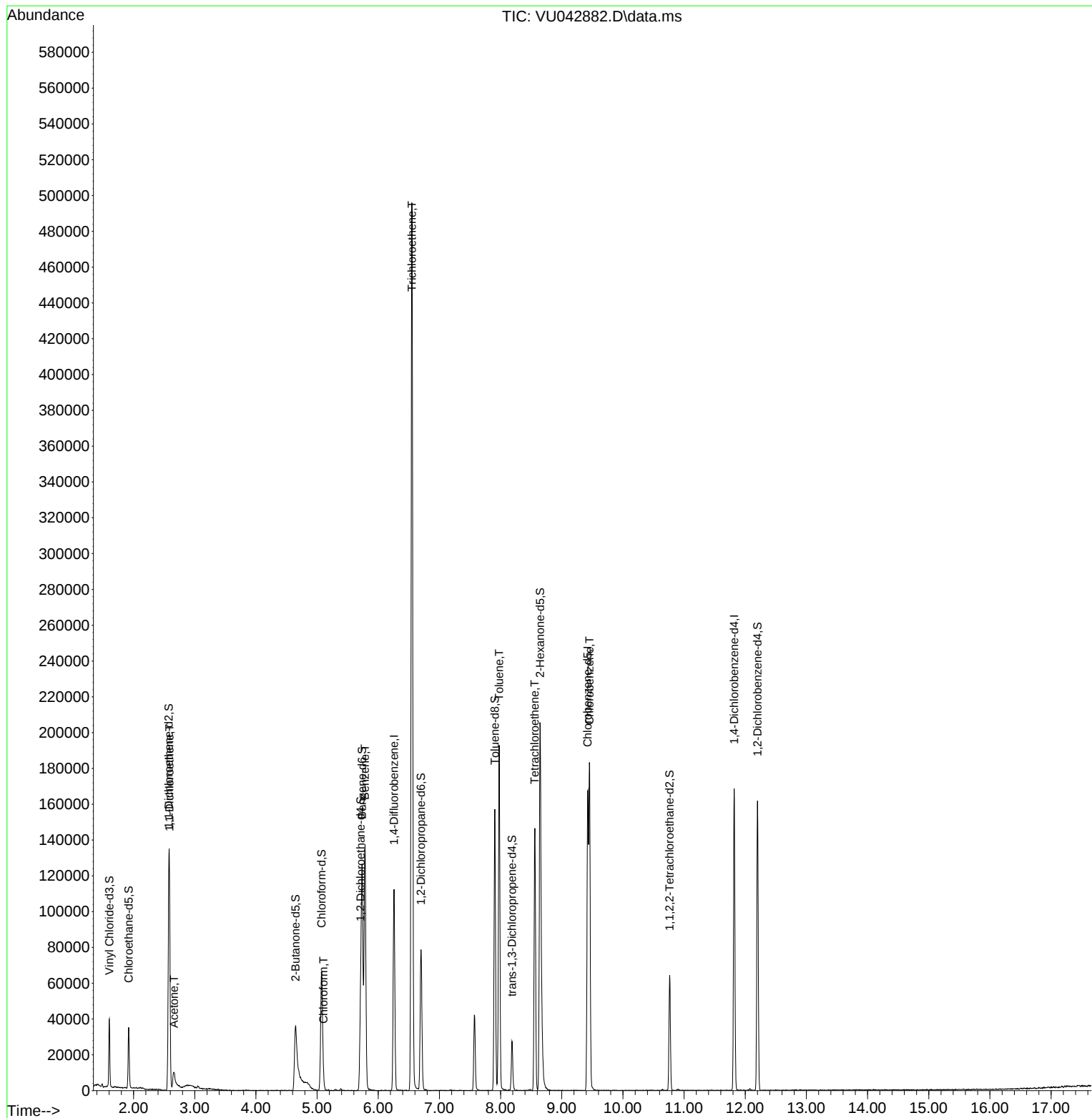
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	85359	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	81983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	41829	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25566	4.81	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 96.20%			
7) Chloroethane-d5	1.919	69	23196	5.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.20%			
11) 1,1-Dichloroethene-d2	2.575	63	61638	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 98.00%			
20) 2-Butanone-d5	4.649	46	79989	37.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.42%			
24) Chloroform-d	5.073	84	57817	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.00%			
26) 1,2-Dichloroethane-d4	5.713	65	36490	4.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.20%			
32) Benzene-d6	5.735	84	104969	4.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.00%			
36) 1,2-Dichloropropane-d6	6.700	67	34049	4.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 98.00%			
41) Toluene-d8	7.906	98	95535	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloroprop...	8.185	79	14397	4.64	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.80%			
46) 2-Hexanone-d5	8.645	63	81969	51.89	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 103.78%			
57) 1,1,2,2-Tetrachloroeth...	10.764	84	29969	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.201	152	40035	5.10	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.00%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.587	96	27167	4.90	ug/L	83
13) Acetone	2.661	43	20710	16.09	ug/L	93
25) Chloroform	5.105	83	5485	0.44	ug/L	97
33) Benzene	5.784	78	118109	4.96	ug/L	100
34) Trichloroethene	6.549	95	159047	24.86	ug/L	98
42) Toluene	7.976	91	128532	4.91	ug/L	98
47) Tetrachloroethene	8.558	164	31634	6.05	ug/L	99
51) Chlorobenzene	9.455	112	85294	5.11	ug/L	100

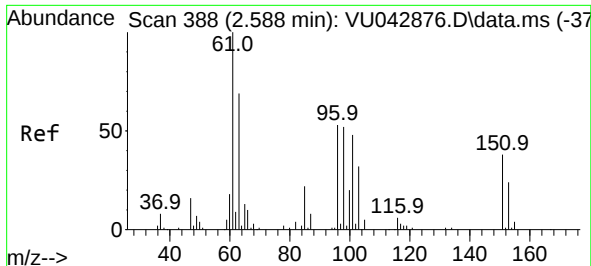
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 02 05:16:37 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.90 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

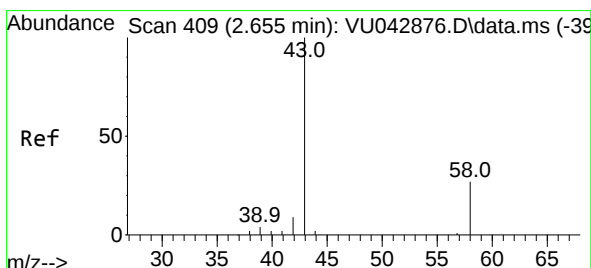
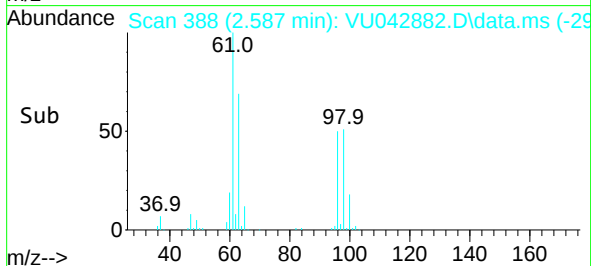
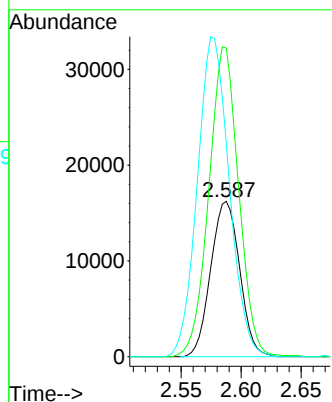
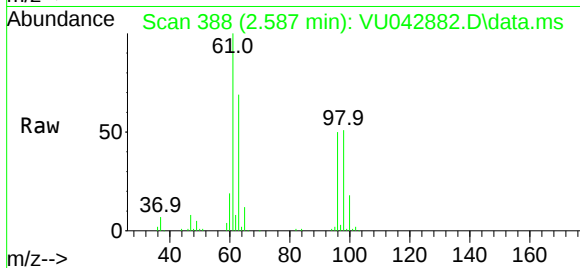
Lab File: VU042882.D

Acq: 01 Apr 2021 18:01

Tgt Ion: 96 Resp: 27167

Ion	Ratio	Lower	Upper
96	100		
61	198.7	126.2	234.4
63	137.5	77.8	144.4

Instrument :
MSVOA_U
ClientSampleId :
YAR20MS



#13

Acetone

Concen: 16.09 ug/L

RT: 2.661 min Scan# 411

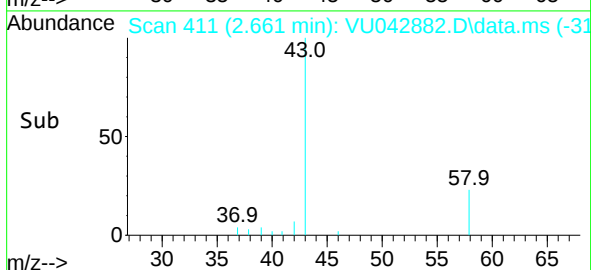
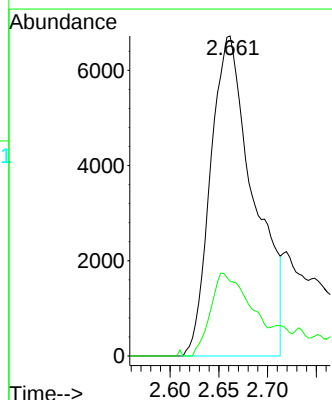
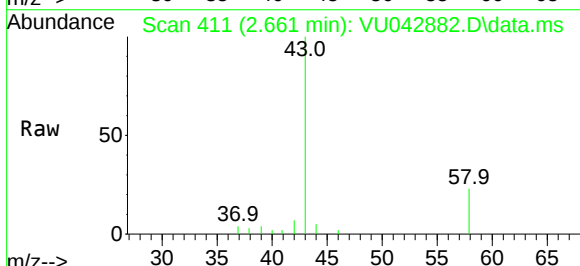
Delta R.T. 0.006 min

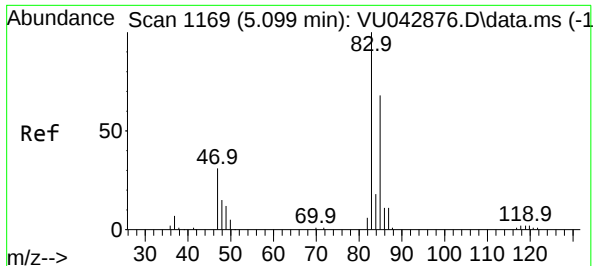
Lab File: VU042882.D

Acq: 01 Apr 2021 18:01

Tgt Ion: 43 Resp: 20710

Ion	Ratio	Lower	Upper
43	100		
58	24.4	0.0	55.8





#25

Chloroform

Concen: 0.44 ug/L

RT: 5.105 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VU042882.D

Acq: 01 Apr 2021 18:01

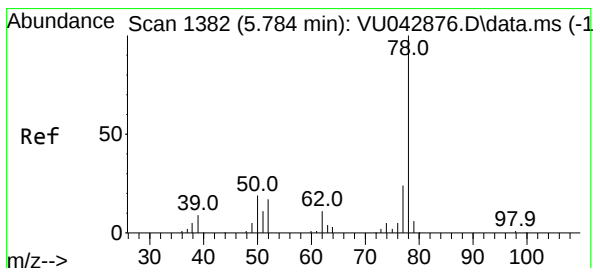
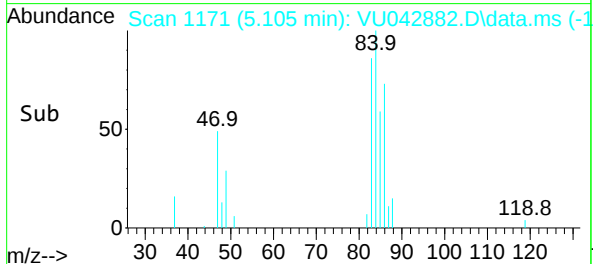
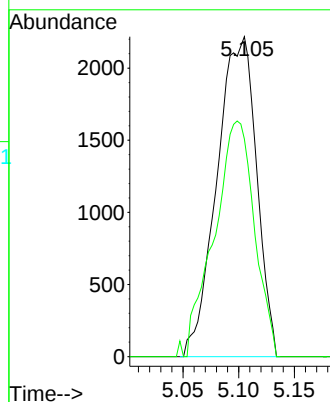
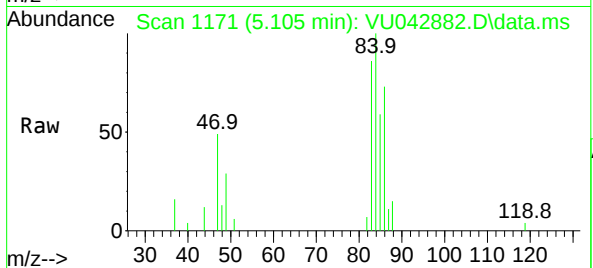
Instrument :
MSVOA_U
ClientSampled :
YAR20MS

Tgt Ion: 83 Resp: 5485

Ion Ratio Lower Upper

83 100

85 68.0 45.7 84.9



#33

Benzene

Concen: 4.96 ug/L

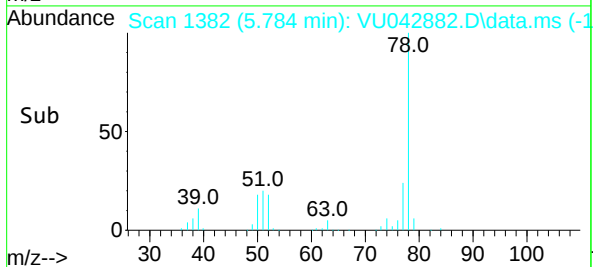
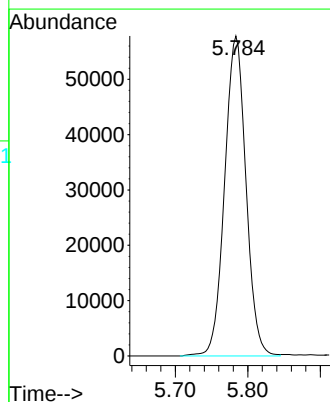
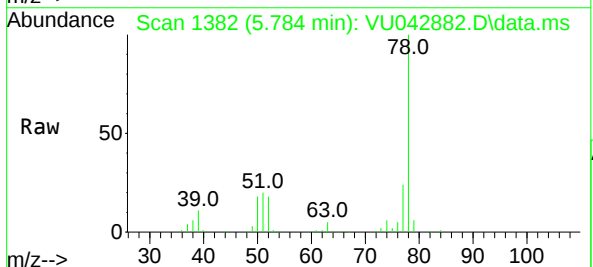
RT: 5.784 min Scan# 1382

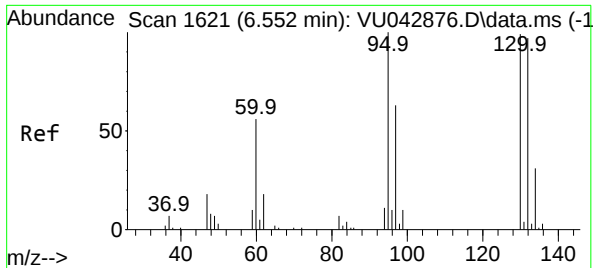
Delta R.T. -0.000 min

Lab File: VU042882.D

Acq: 01 Apr 2021 18:01

Tgt Ion: 78 Resp: 118109



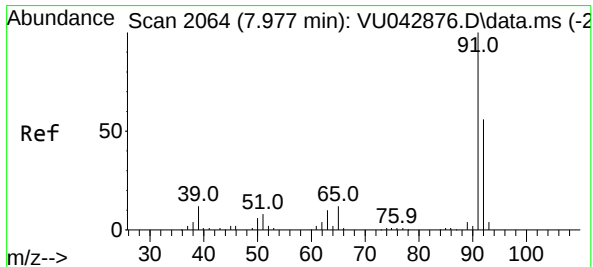
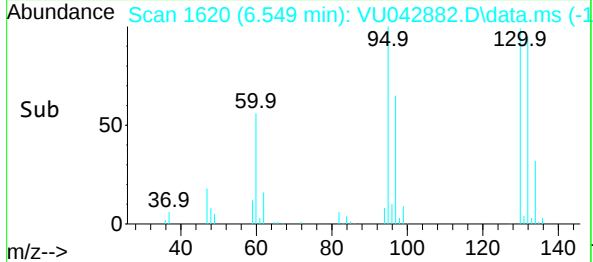
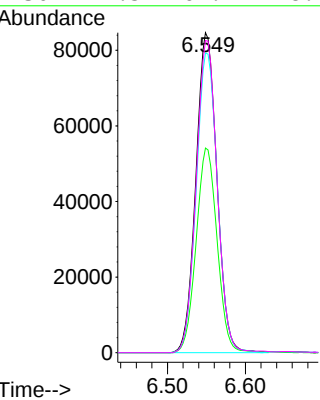
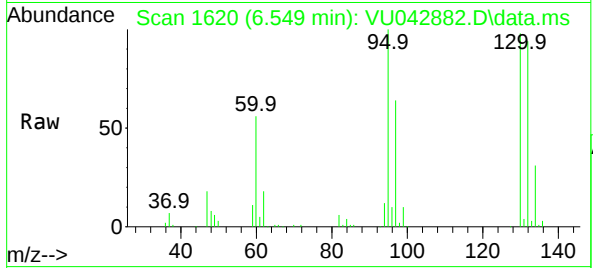


#34
Trichloroethene
Concen: 24.86 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042882.D
Acq: 01 Apr 2021 18:01

Instrument :
MSVOA_U
ClientSampleId :
YAR20MS

Tgt Ion: 95 Resp: 159047

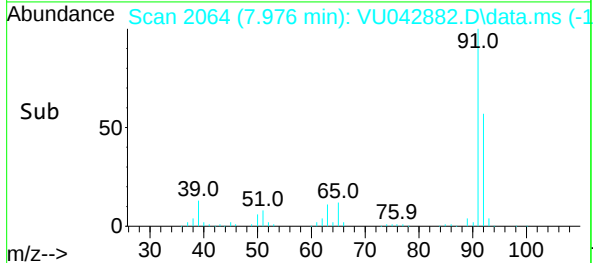
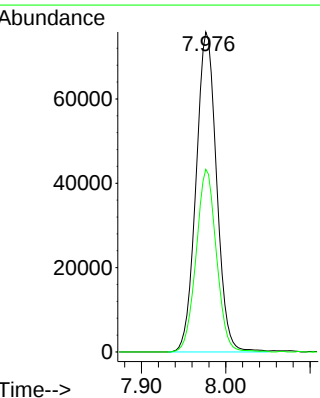
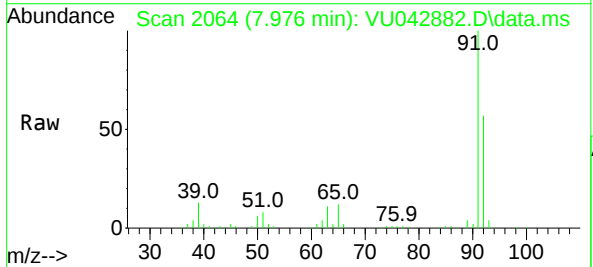
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.4	82.4
132	93.6	68.0	126.4
130	97.5	69.2	128.4

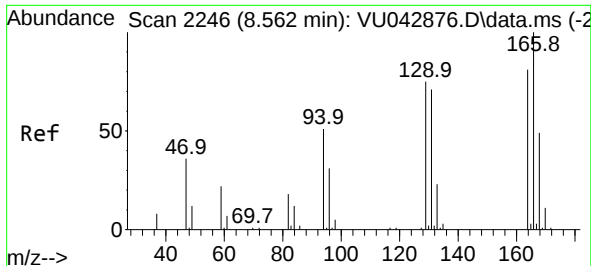


#42
Toluene
Concen: 4.91 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042882.D
Acq: 01 Apr 2021 18:01

Tgt Ion: 91 Resp: 128532

Ion	Ratio	Lower	Upper
91	100		
92	57.0	41.2	76.6

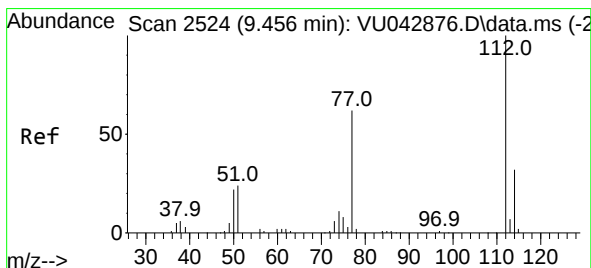
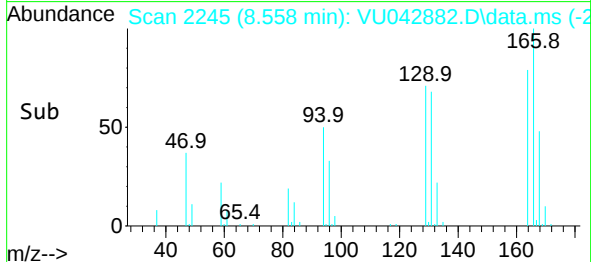
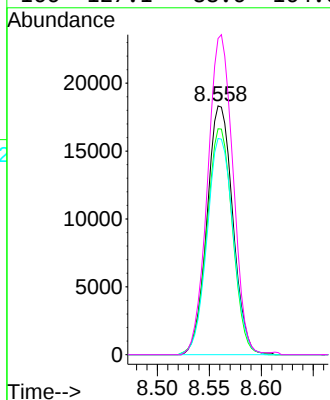
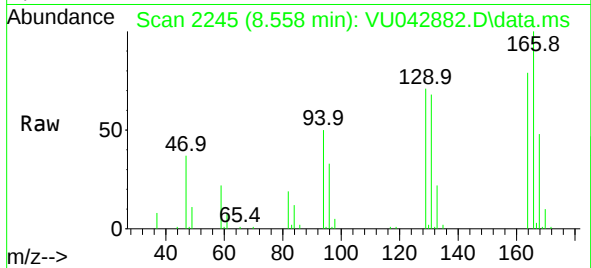




#47
Tetrachloroethene
Concen: 6.05 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU042882.D
Acq: 01 Apr 2021 18:01

Instrument :
MSVOA_U
ClientSampleId :
YAR20MS

Tgt Ion:164 Resp: 31634
Ion Ratio Lower Upper
164 100
129 90.8 64.3 119.5
131 86.9 62.2 115.6
166 127.1 88.6 164.6



#51
Chlorobenzene
Concen: 5.11 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042882.D
Acq: 01 Apr 2021 18:01

Tgt Ion:112 Resp: 85294
Ion Ratio Lower Upper
112 100
114 31.8 22.0 41.0
77 62.2 49.8 74.6

