

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040121\
 Data File : VU042883.D
 Acq On : 01 Apr 2021 18:25
 Operator : SY/MD
 Sample : M1847-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAR20MSD

Quant Time: Apr 02 05:19:38 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)

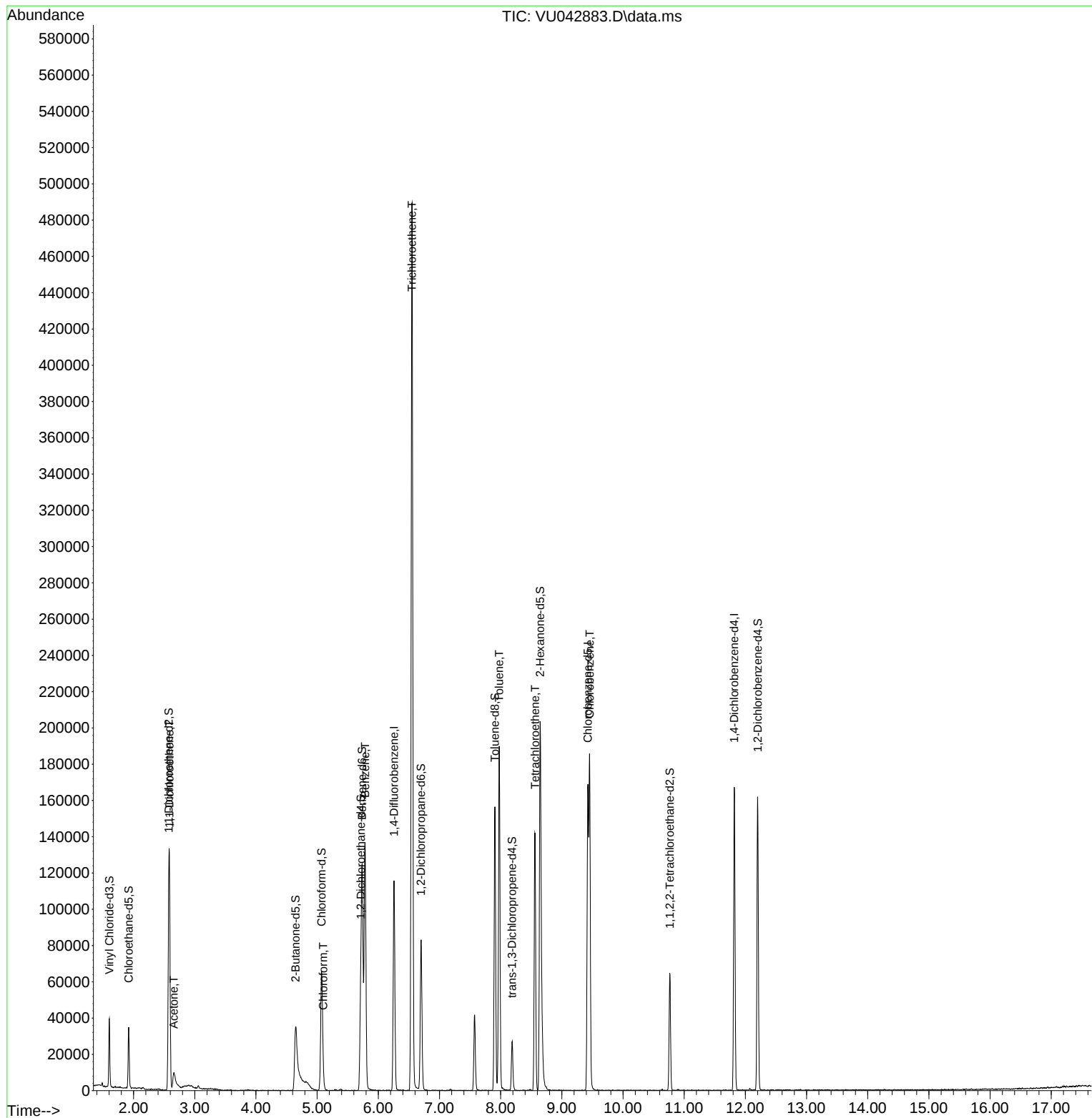
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	86371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	85718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	41279	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25375	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.919	69	22254	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.575	63	61268	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.20%
20) 2-Butanone-d5	4.649	46	90609	41.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.32%
24) Chloroform-d	5.073	84	56864	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.713	65	36782	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.735	84	102477	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.700	67	35215	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.906	98	96569	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloroprop...	8.185	79	14381	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.645	63	81108	49.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.22%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	30071	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	40041	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	26831	4.78	ug/L	85
13) Acetone	2.655	43	22179	17.03	ug/L	92
25) Chloroform	5.099	83	5210	0.41	ug/L	91
33) Benzene	5.784	78	120719	4.85	ug/L	100
34) Trichloroethene	6.549	95	155779	23.28	ug/L	97
42) Toluene	7.976	91	131364	4.80	ug/L	96
47) Tetrachloroethene	8.562	164	29367	5.37	ug/L	93
51) Chlorobenzene	9.455	112	85872	4.92	ug/L	99

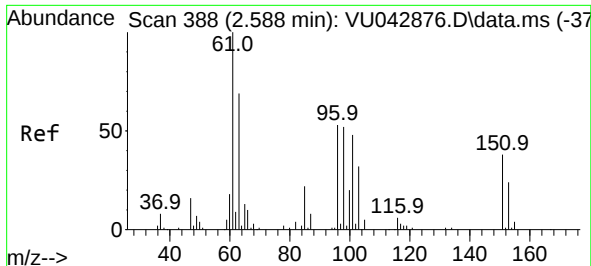
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.78 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

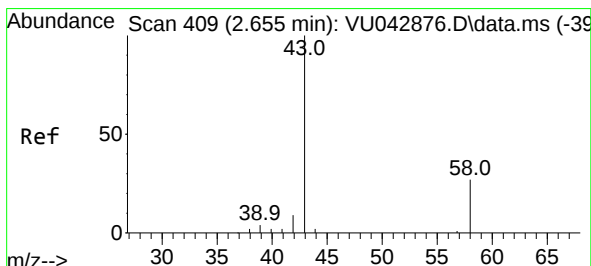
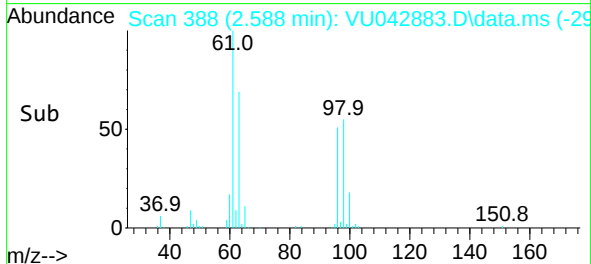
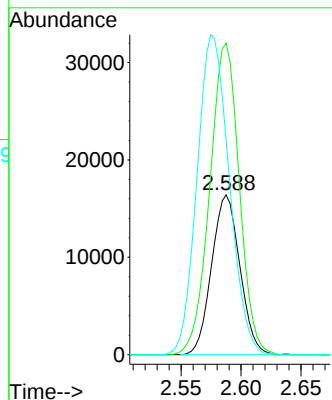
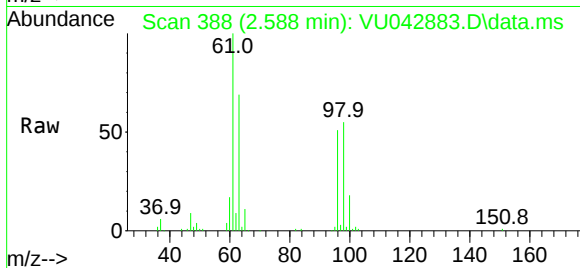
Lab File: VU042883.D

Acq: 01 Apr 2021 18:25

Tgt Ion: 96 Resp: 26831

Ion	Ratio	Lower	Upper
96	100		
61	194.9	126.2	234.4
63	134.2	77.8	144.4

Instrument :
MSVOA_U
ClientSampleId :
YAR20MSD



#13

Acetone

Concen: 17.03 ug/L

RT: 2.655 min Scan# 409

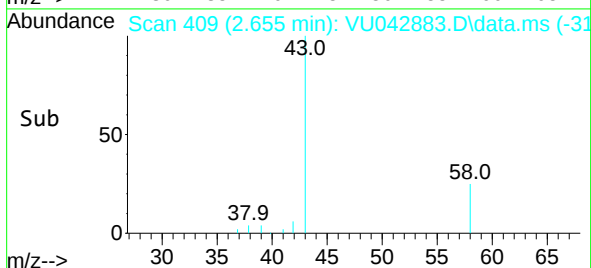
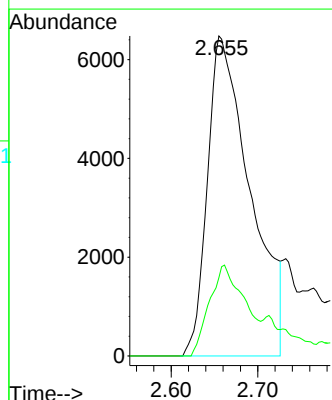
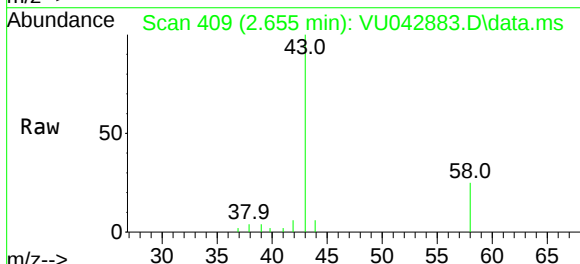
Delta R.T. -0.000 min

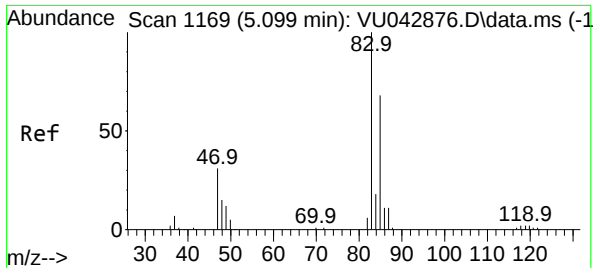
Lab File: VU042883.D

Acq: 01 Apr 2021 18:25

Tgt Ion: 43 Resp: 22179

Ion	Ratio	Lower	Upper
43	100		
58	23.7	0.0	55.8

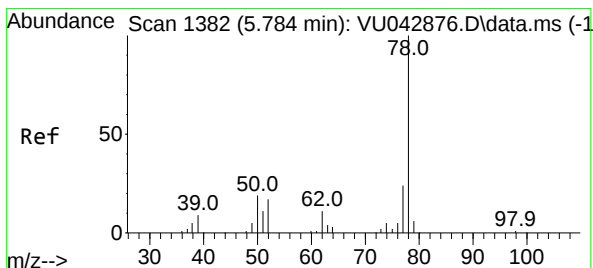
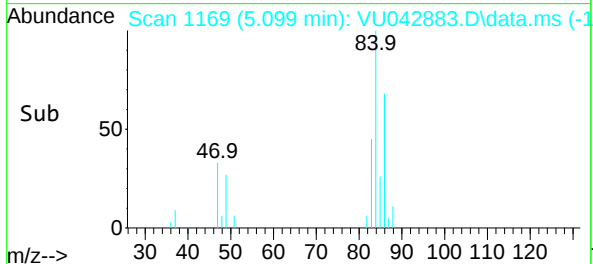
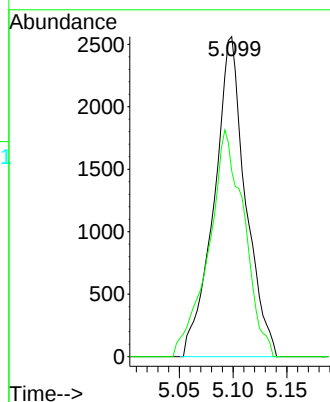
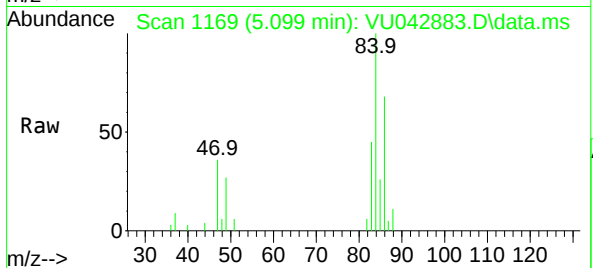




#25
Chloroform
Concen: 0.41 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

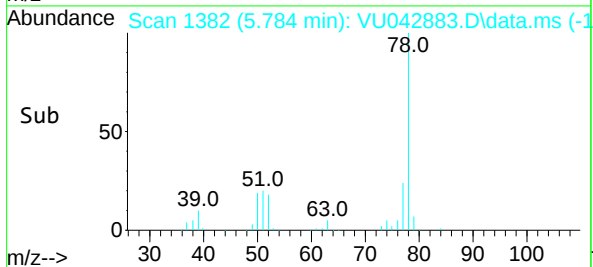
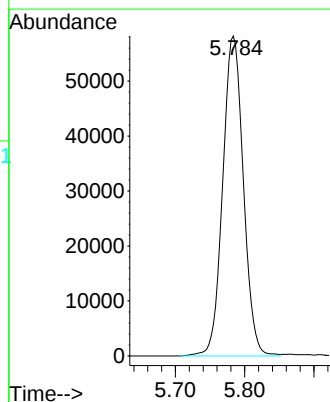
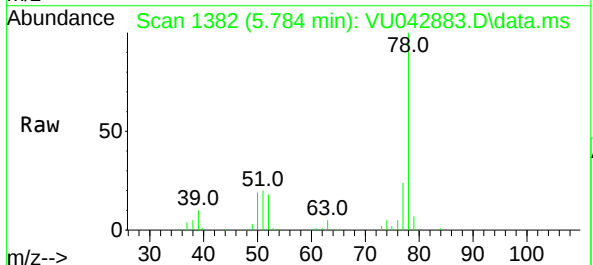
Instrument :
MSVOA_U
ClientSampleId :
YAR20MSD

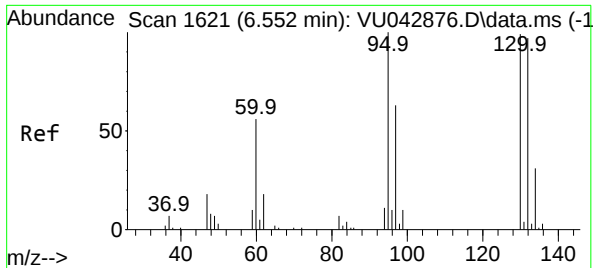
Tgt Ion: 83 Resp: 5210
Ion Ratio Lower Upper
83 100
85 58.0 45.7 84.9



#33
Benzene
Concen: 4.85 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

Tgt Ion: 78 Resp: 120719



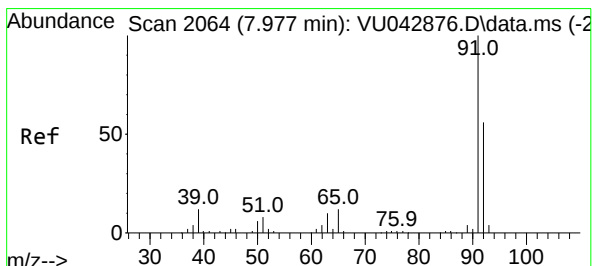
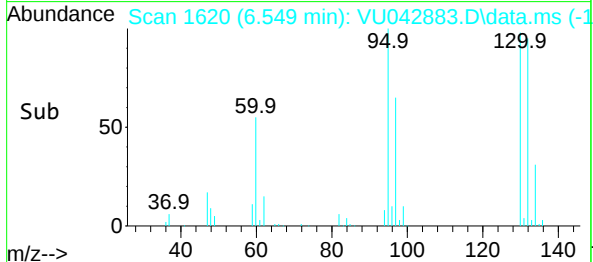
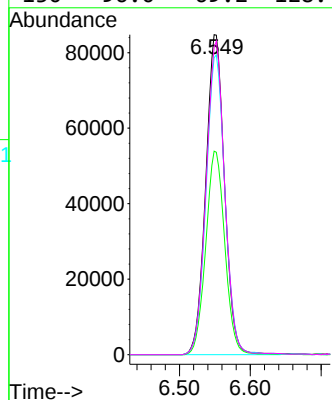
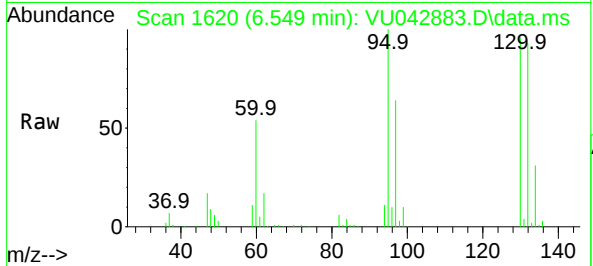


#34
Trichloroethene
Concen: 23.28 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

Instrument :
MSVOA_U
ClientSampleId :
YAR20MSD

Tgt Ion: 95 Resp: 155779

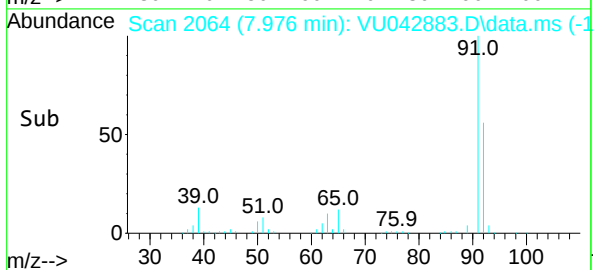
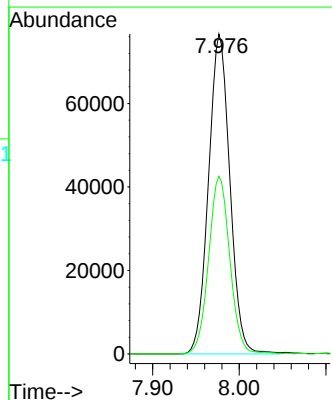
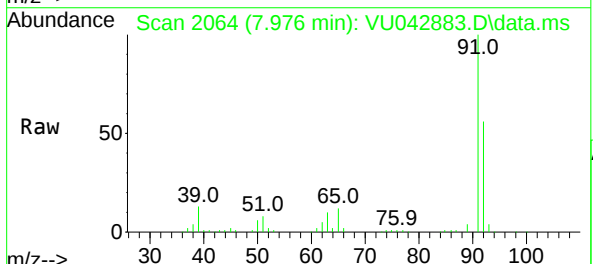
Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.4	82.4
132	92.8	68.0	126.4
130	96.0	69.2	128.4

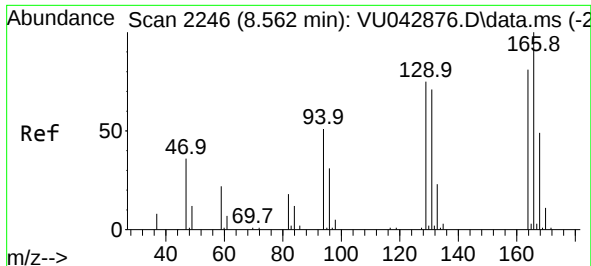


#42
Toluene
Concen: 4.80 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

Tgt Ion: 91 Resp: 131364

Ion	Ratio	Lower	Upper
91	100		
92	55.6	41.2	76.6

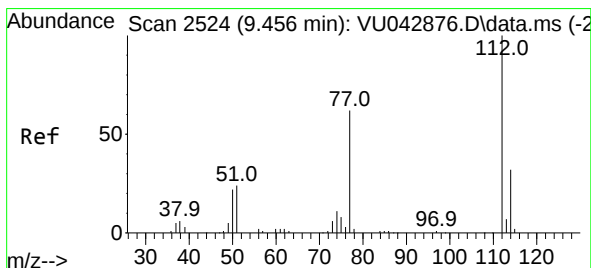
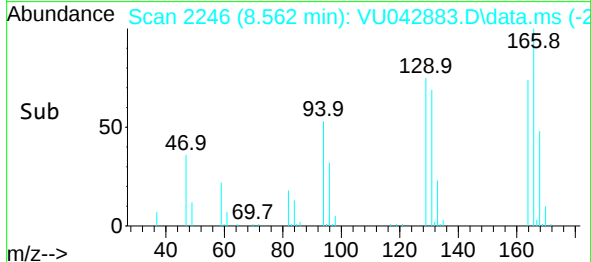
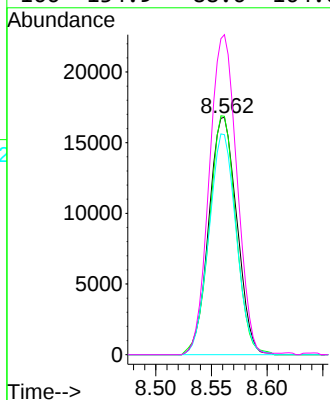
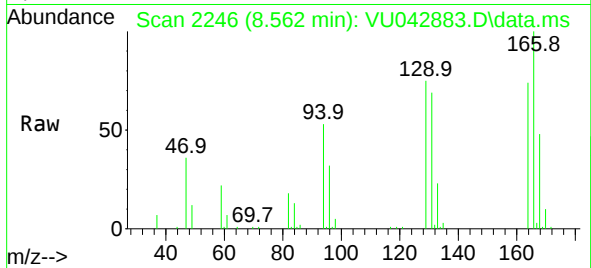




#47
Tetrachloroethene
Concen: 5.37 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

Instrument :
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ClientSampleId :
YAR20MSD

Tgt Ion:164	Resp:	29367
Ion	Ratio	Lower Upper
164	100	
129	100.5	64.3 119.5
131	92.7	62.2 115.6
166	134.9	88.6 164.6



#51
Chlorobenzene
Concen: 4.92 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU042883.D
Acq: 01 Apr 2021 18:25

Tgt Ion:112	Resp:	85872
Ion	Ratio	Lower Upper
112	100	
114	31.3	22.0 41.0
77	61.7	49.8 74.6

