

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121420\
 Data File : VU041619.D
 Acq On : 14 Dec 2020 18:37
 Operator : SY/MD
 Sample : L5027-17MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J7MS

Manual Integrations
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12/16/2020 8:56:39 AM

Quant Time: Dec 15 01:54:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 15 00:46:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	101069	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	93245	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30281	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	29619	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.58	63	74192	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.66	46	146039	64.34	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.68%
24) Chloroform-d	5.08	84	76403	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.72	65	46213	6.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.40%
32) Benzene-d6	5.74	84	151584	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
36) 1,2-Dichloropropane-d6	6.70	67	51014	6.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.80%
41) Toluene-d8	7.90	98	131175	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
43) trans-1,3-Dichloropropene-	8.19	79	20340	5.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.00%
46) 2-Hexanone-d5	8.64	63	118234	57.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49955	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	49808	7.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	141.80%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	42175	6.151	ug/L	89
13) Acetone	2.68	43	6799m	4.709	ug/L	
21) 2-Butanone	4.75	43	6425m	2.732	ug/L	
33) Benzene	5.79	78	183515	6.154	ug/L	100
34) Trichloroethene	6.55	95	46860	6.253	ug/L	96
42) Toluene	7.97	91	186551	6.059	ug/L	99
47) Tetrachloroethene	8.56	164	4915	0.937	ug/L	92
51) Chlorobenzene	9.45	112	120029	6.272	ug/L	97

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

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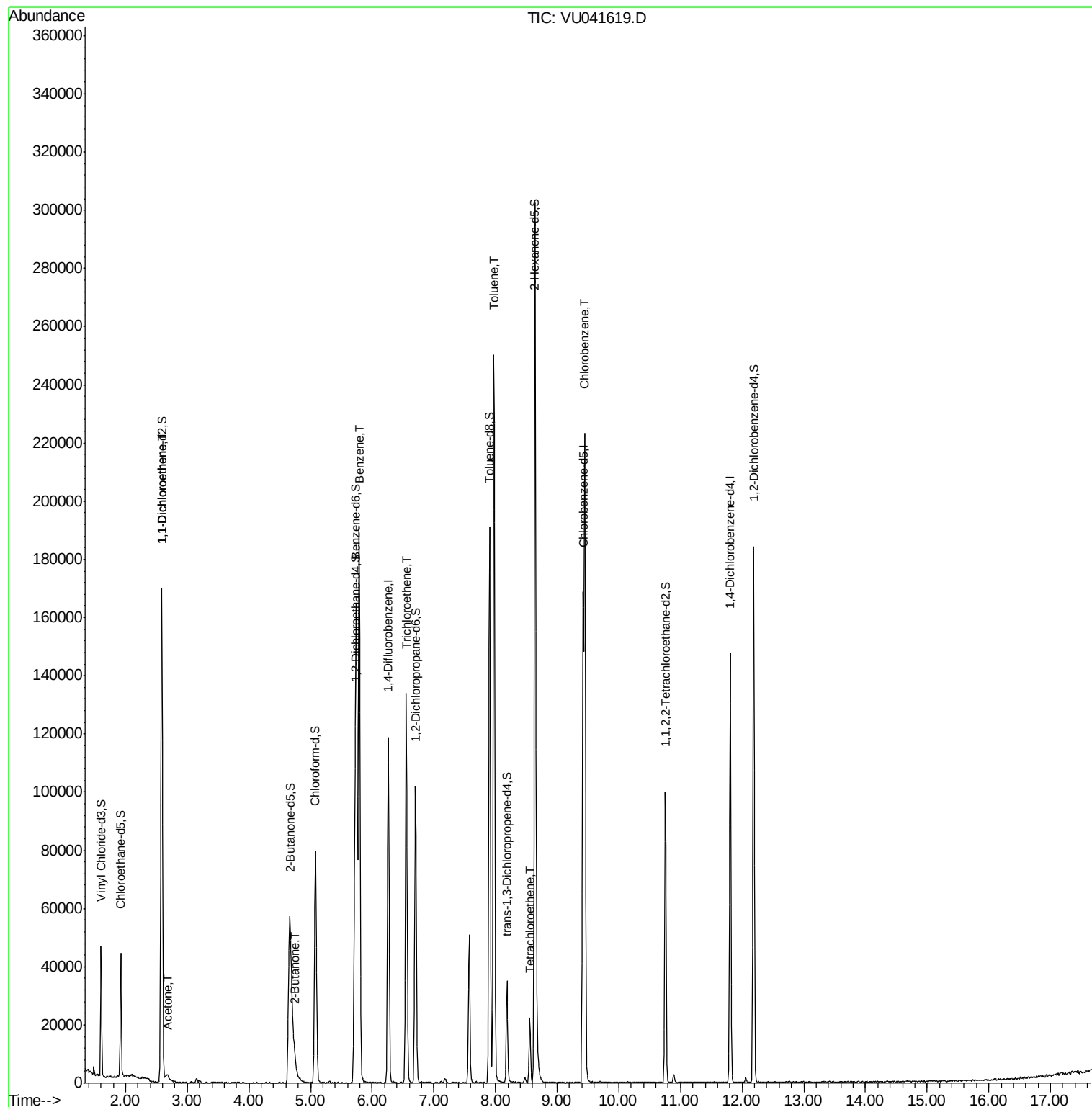
Instrument :
MSVOA_U
ClientSampleId :
GB1J7MS

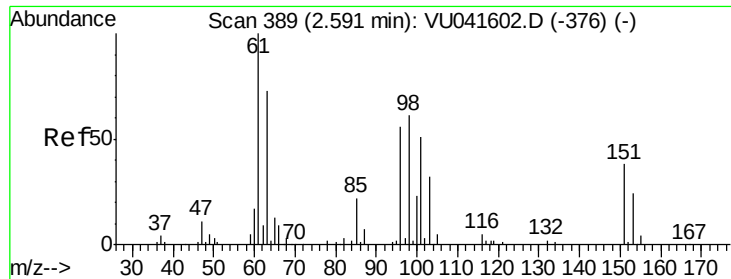
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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.151 ug/L

RT: 2.59 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU041619.D

Acq: 14 Dec 2020 18:37

Instrument :

MSVOA_U

ClientSampled :

GB1J7MS

Tot Ion: 96 Resp: 42175

Ion Ratio Lower Upper

96 100

61 157.6 123.8 230.0

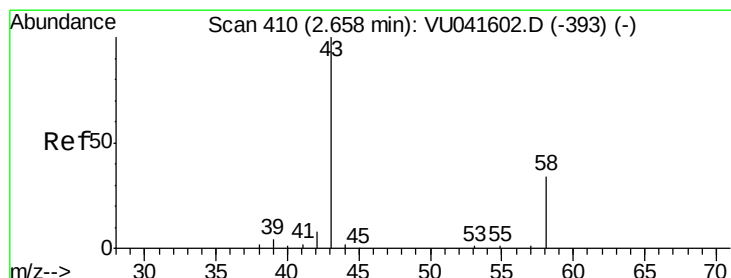
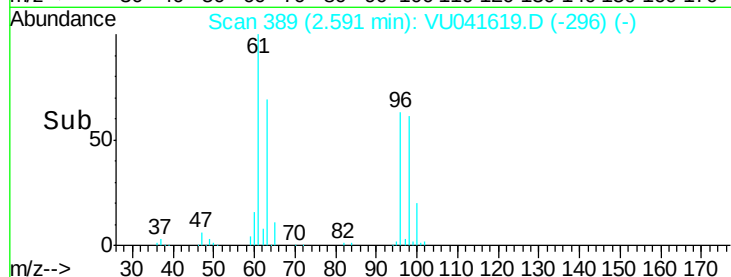
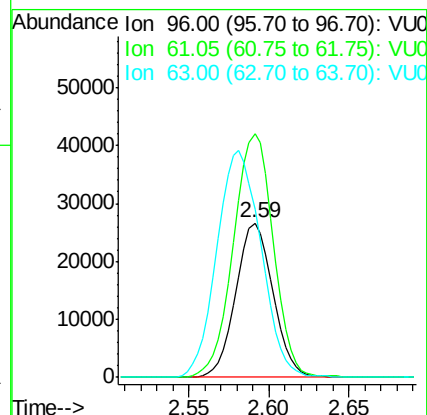
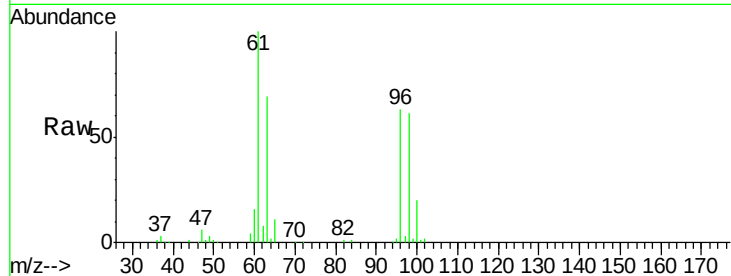
63 108.4 81.0 150.4

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#13

Acetone

Concen: 4.709 ug/L m

RT: 2.68 min Scan# 418

Delta R.T. 0.03 min

Lab File: VU041619.D

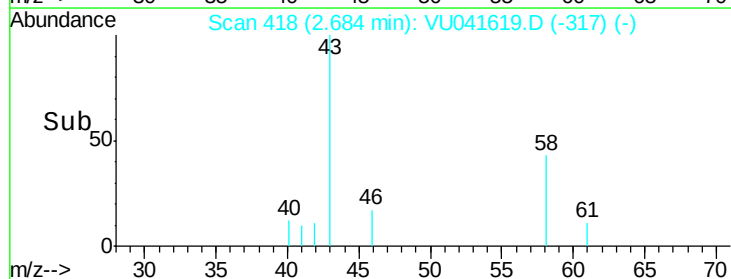
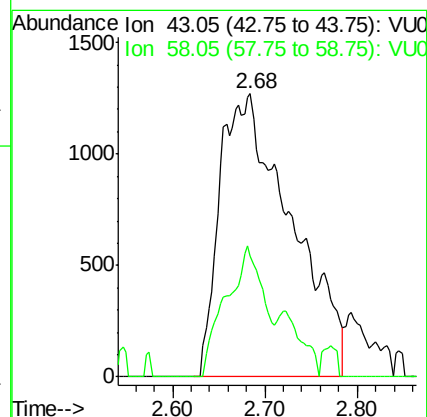
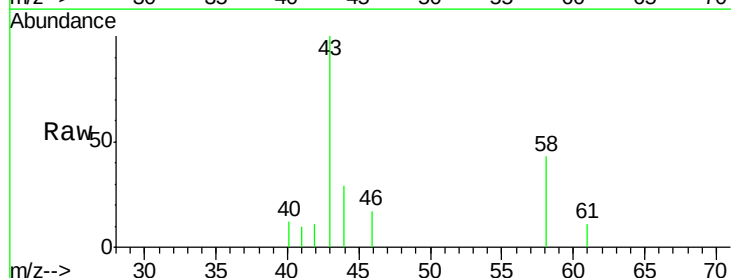
Acq: 14 Dec 2020 18:37

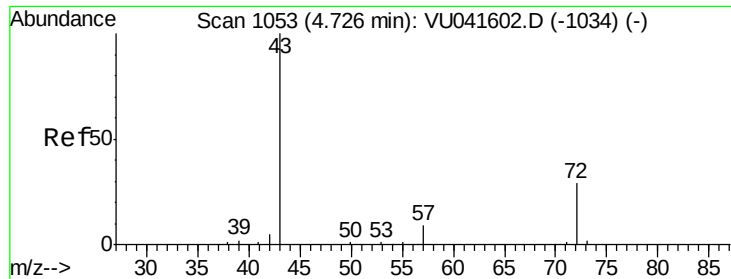
Tgt Ion: 43 Resp: 6799

Ion Ratio Lower Upper

43 100

58 2.1 0.0 73.2





#21

2-Butanone

Concen: 2.732 ug/L m

RT: 4.75 min Scan# 1060

Delta R.T. 0.02 min

Lab File: VU041619.D

Acq: 14 Dec 2020 18:37

Instrument :

MSVOA_U

ClientSampleId :

GB1J7MS

Tot Ion: 43 Resp: 6425

Ion Ratio Lower Upper

43 100

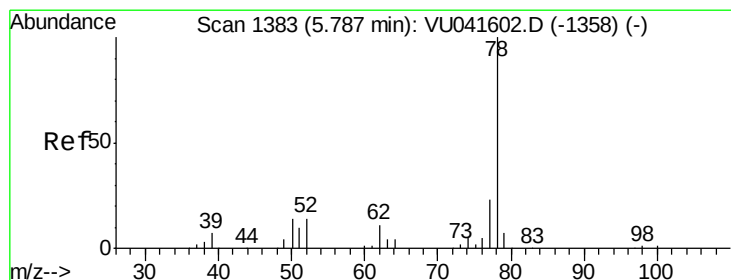
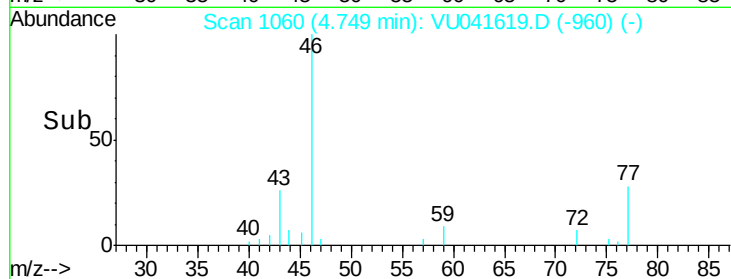
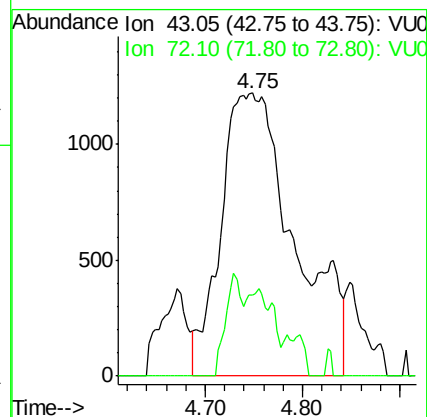
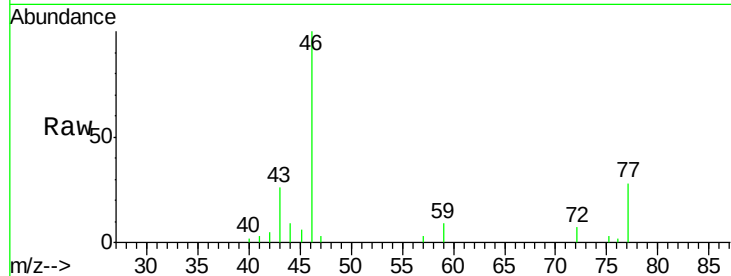
72 7.9 14.6 44.0#

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#33

Benzene

Concen: 6.154 ug/L

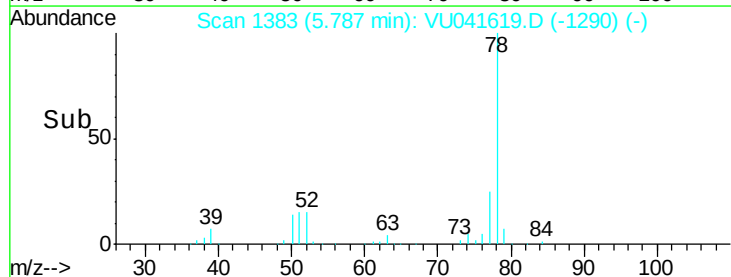
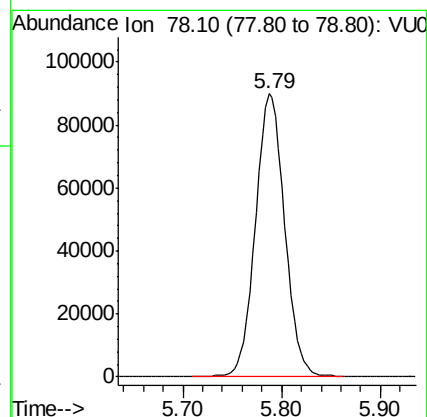
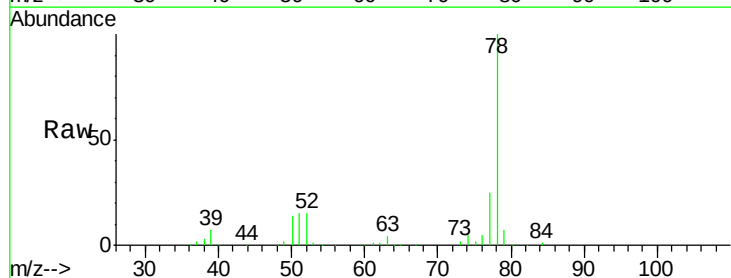
RT: 5.79 min Scan# 1383

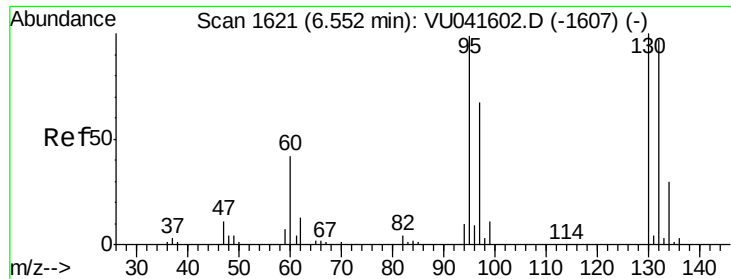
Delta R.T. 0.00 min

Lab File: VU041619.D

Acq: 14 Dec 2020 18:37

Tgt Ion: 78 Resp: 183515





#34
 Trichloroethene
 Concen: 6.253 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU041619.D
 Acq: 14 Dec 2020 18:37

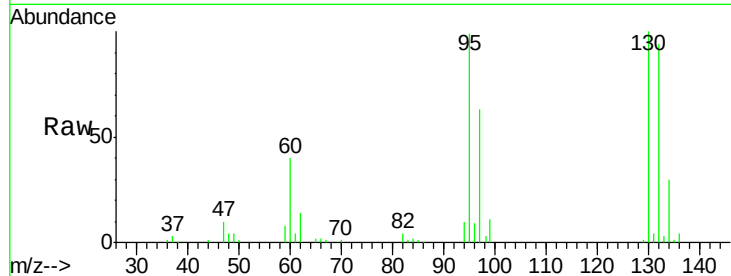
Instrument :
 MSVOA_U
 ClientSampleId :
 GB1J7MS

Tot Ion	95	Resp:	46860
Ion	Ratio	Lower	Upper
95	100		
97	64.0	43.9	81.5
132	95.5	63.1	117.3
130	101.1	67.4	125.2

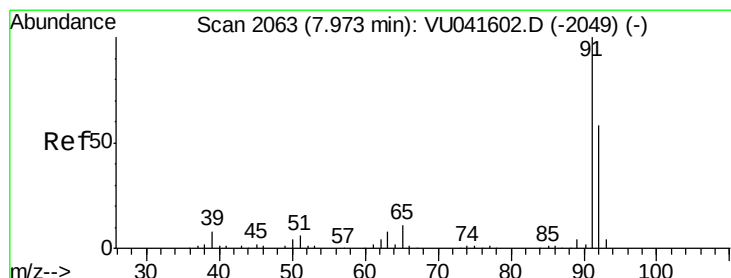
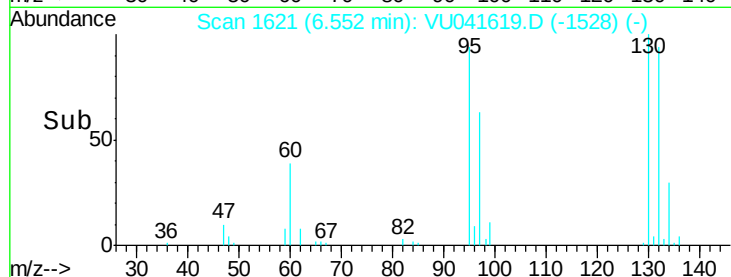
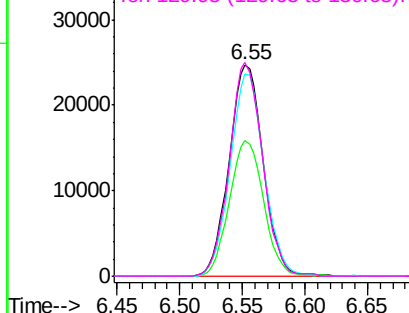
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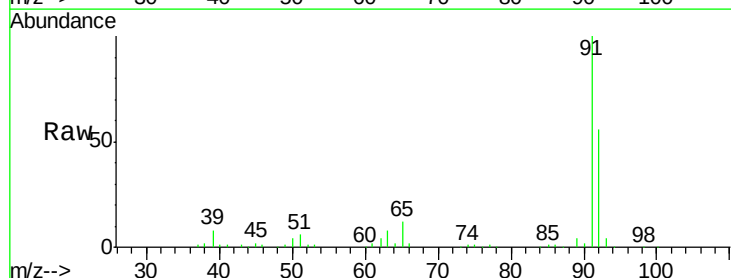


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

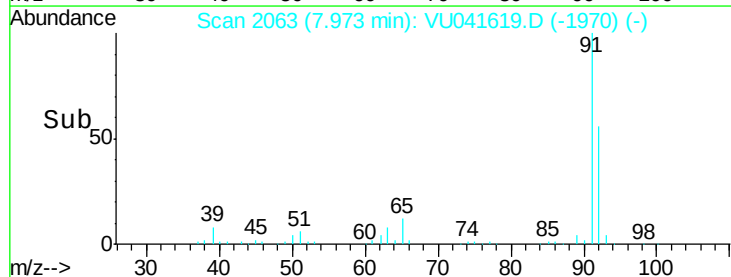
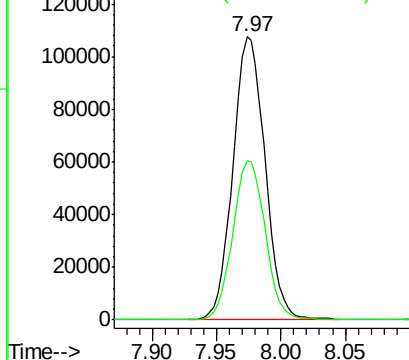


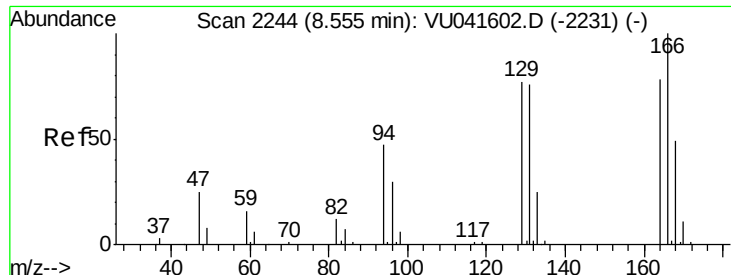
#42
 Toluene
 Concen: 6.059 ug/L
 RT: 7.97 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VU041619.D
 Acq: 14 Dec 2020 18:37

Tgt Ion	91	Resp:	186551
Ion	Ratio	Lower	Upper
91	100		
92	56.2	40.0	74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47
Tetrachloroethene
Concen: 0.937 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041619.D
Acq: 14 Dec 2020 18:37

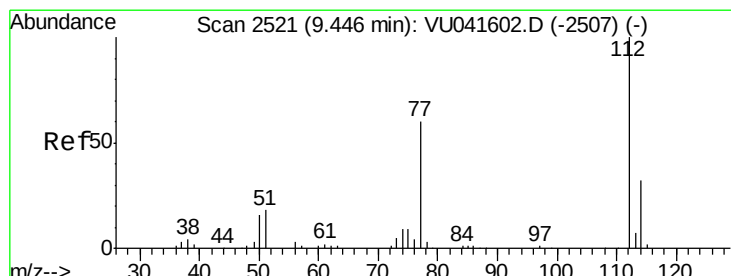
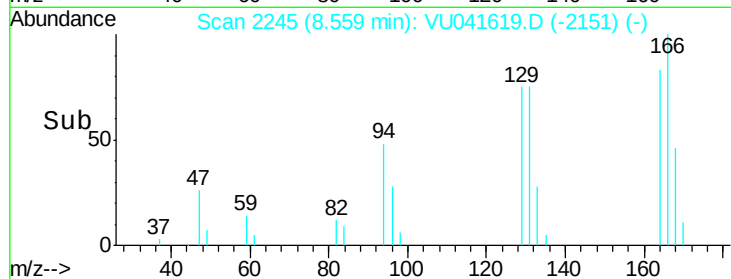
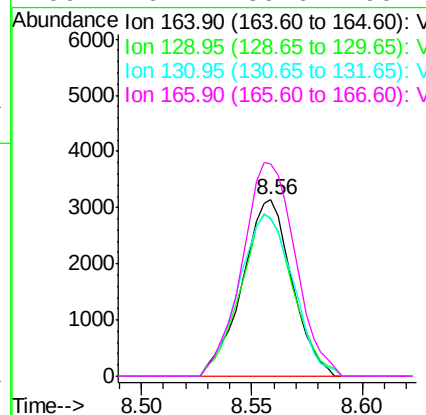
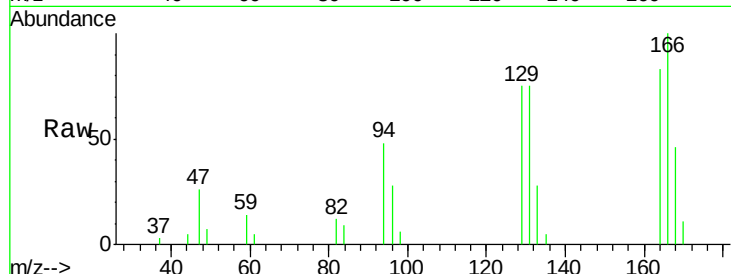
Instrument :
MSVOA_U
ClientSampleId :
GB1J7MS

Tot Ion:	164	Resp:	4915
Ion	Ratio	Lower	Upper
164	100		
129	89.8	72.2	134.0
131	90.3	66.9	124.3
166	120.4	89.6	166.4

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#51
Chlorobenzene
Concen: 6.272 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041619.D
Acq: 14 Dec 2020 18:37

Tgt Ion:	112	Resp:	120029
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.7	42.3
77	57.9	49.1	73.7

