

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122220\
 Data File : VU041738.D
 Acq On : 22 Dec 2020 13:50
 Operator : SY/MD
 Sample : L5185-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S0

Manual Integrations
 APPROVED

MMDadoda
 12/23/2020 11:32:25 AM

Quant Time: Dec 23 04:50:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 23 04:05:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	144243	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	139551	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60554	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	31948	2.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.60%
7) Chloroethane-d5	1.92	69	38164	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.58	63	54309	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.65	46	149354	46.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	5.08	84	81334	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.72	65	46382	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.74	84	158079	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.70	67	53047	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.90	98	133210	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.19	79	20756	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	8.64	63	134465	43.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	50758	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	52555	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds					Ovalue
3) Chloromethane	1.52	50	911	0.077 ug/L	86
13) Acetone	2.66	43	2624m	1.274 ug/L	
34) Trichloroethene	6.55	95	566687	50.529 ug/L	96
47) Tetrachloroethene	8.56	164	14392	1.833 ug/L	96

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

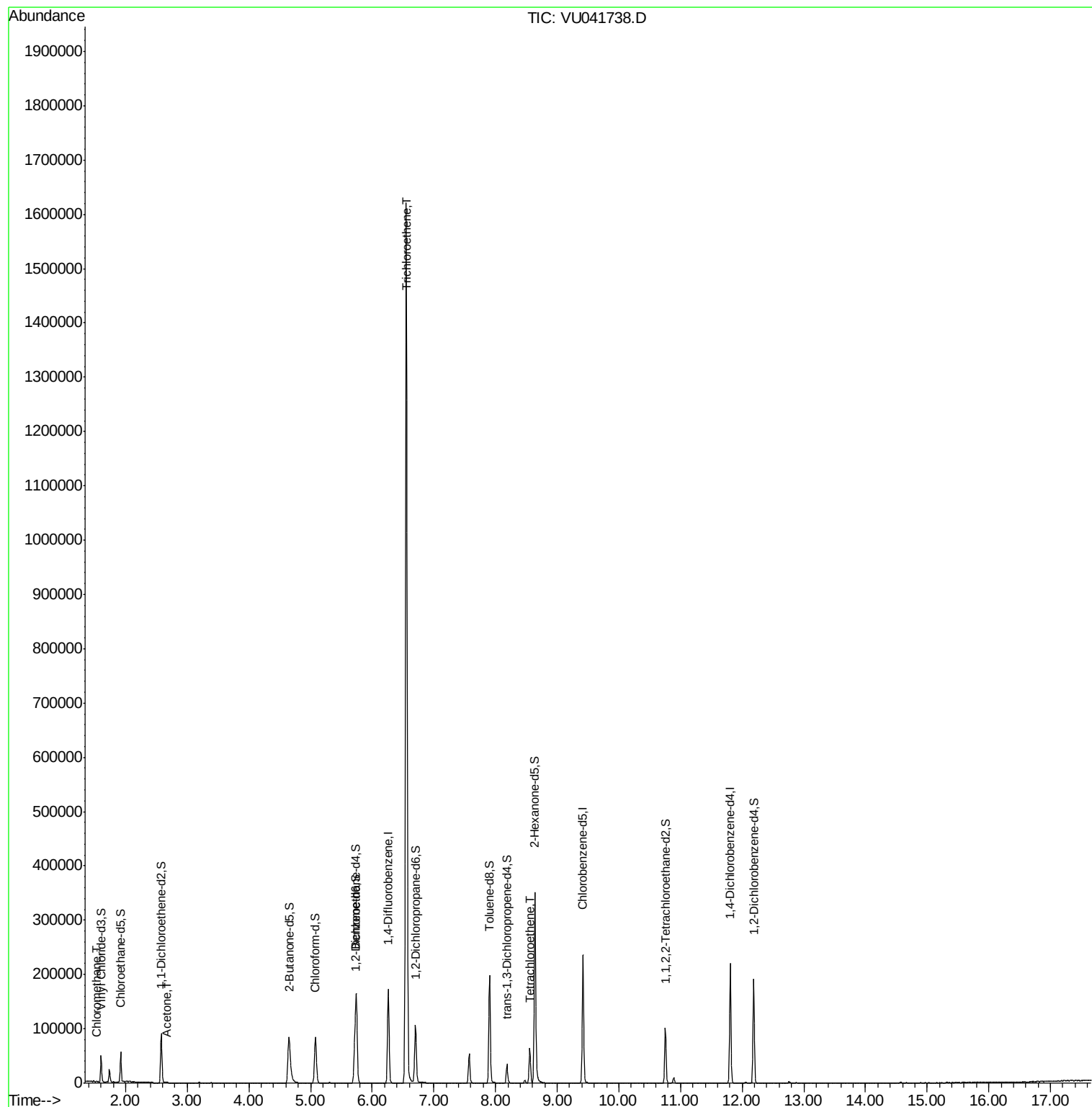
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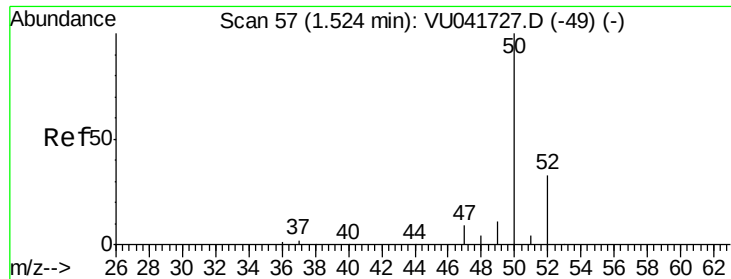
Instrument :
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Quant Title : TRACE VOA SOM01.0
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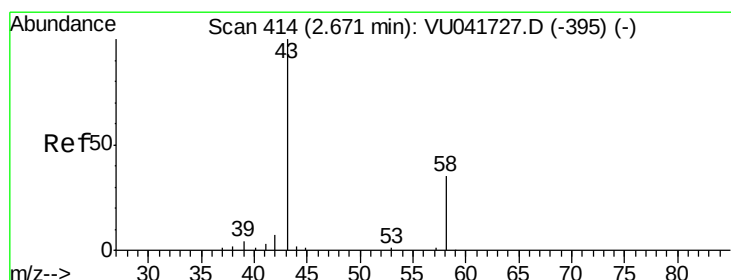
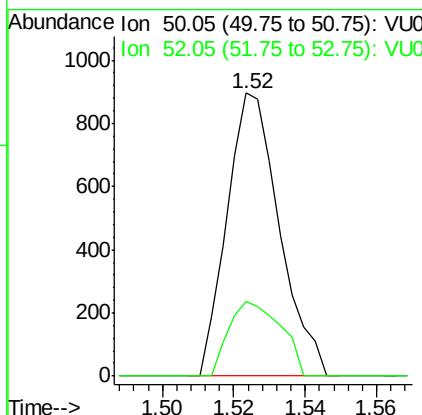
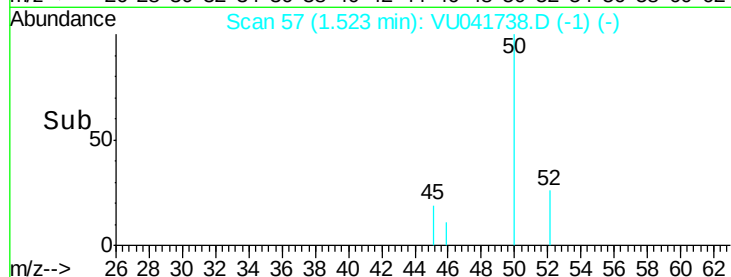
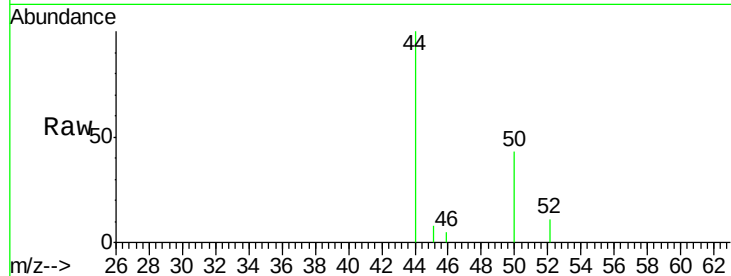
#3
 Chloromethane
 Concen: 0.077 ug/L
 RT: 1.52 min Scan# 57
 Delta R.T. -0.00 min
 Lab File: VU041738.D
 Acq: 22 Dec 2020 13:50

Instrument :
 MSVOA_U
 ClientSampleId :
 BG4S0

Tot Ion	Ratio	Lower	Upper
50	100		
52	26.5	24.1	44.8

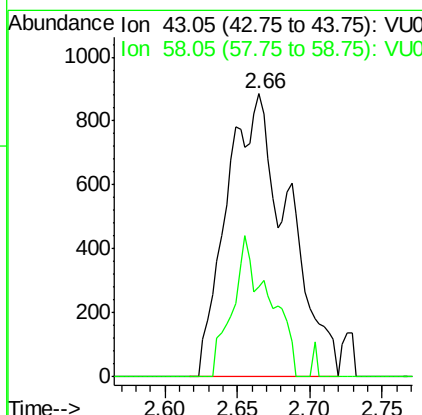
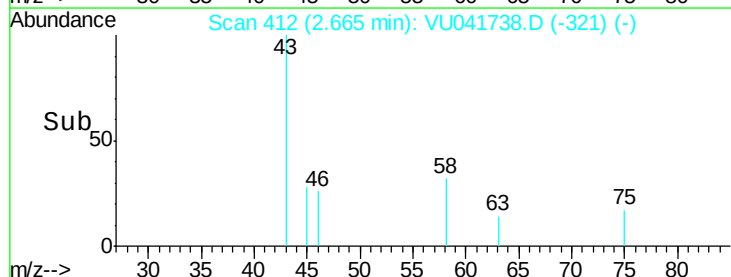
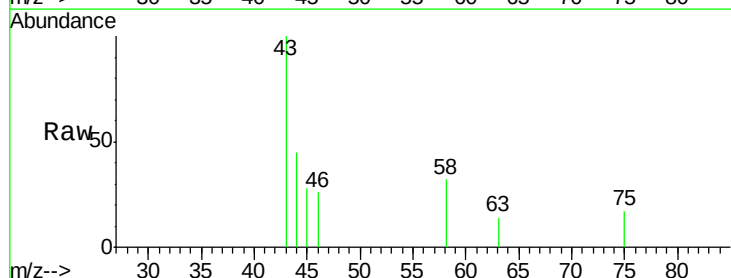
Manual Integrations
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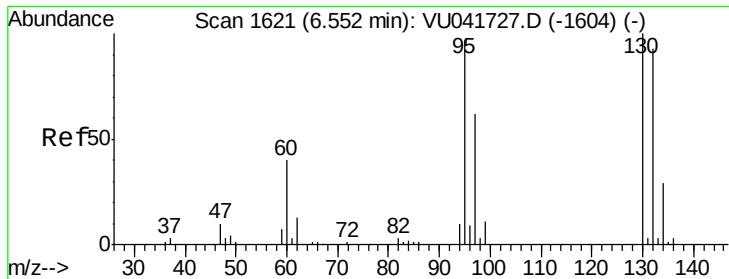
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#13
 Acetone
 Concen: 1.274 ug/L m
 RT: 2.66 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: VU041738.D
 Acq: 22 Dec 2020 13:50

Tgt Ion	Ratio	Lower	Upper
43	100		
58	0.0	0.0	73.2





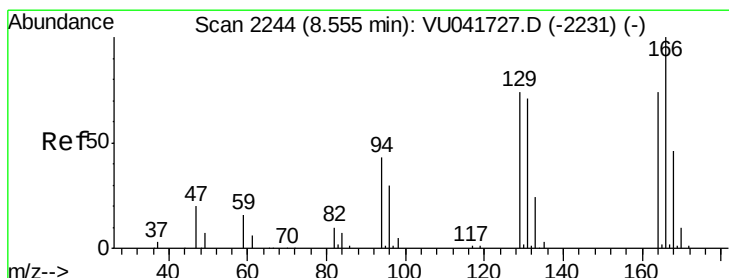
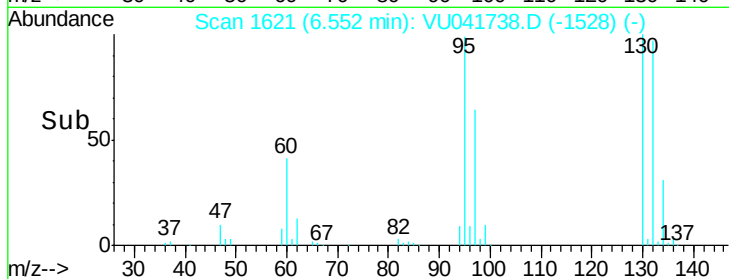
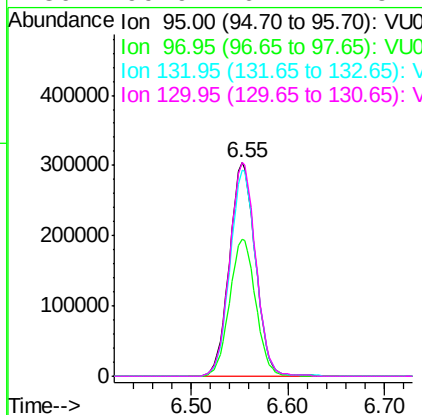
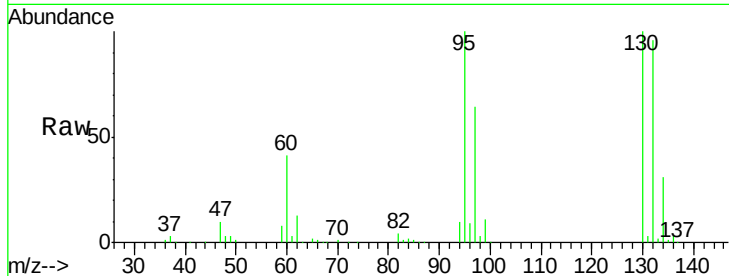
#34
 Trichloroethene
 Concen: 50.529 ug/L
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU041738.D
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Tot Ion	95	Resp	56687
Ion	Ratio	Lower	Upper
95	100		
97	64.2	43.9	81.5
132	96.4	63.1	117.3
130	99.9	67.4	125.2

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#47
 Tetrachloroethene
 Concen: 1.833 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041738.D
 Acq: 22 Dec 2020 13:50

Tgt Ion	164	Resp	14392
Ion	Ratio	Lower	Upper
164	100		
129	93.4	72.2	134.0
131	97.6	66.9	124.3
166	128.5	89.6	166.4

