

Data File : VU031722.D
 Acq On : 02 May 2019 19:12
 Operator : JC/SP
 Sample : K2661-10 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 Client Sampled :
 C0B30

Quant Time: May 03 07:29:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	961877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	886961	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	365916	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	394437	49.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.00%
7) Chloroethane-d5	1.68	69	298691	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.02%
11) 1,1-Dichloroethene-d2	2.27	63	567358	35.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.78%
21) 2-Butanone-d5	4.19	46	713552	97.83	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.83%
24) Chloroform-d	4.64	84	620033	42.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.10%
26) 1,2-Dichloroethane-d4	5.31	65	414238	43.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.02%
32) Benzene-d6	5.33	84	1329500	48.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.62%
36) 1,2-Dichloropropane-d6	6.32	67	455022	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.98%
41) Toluene-d8	7.56	98	1128311	47.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.12%
43) trans-1,3-Dichloropropene-	7.85	79	191363	46.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.04%
47) 2-Hexanone-d5	8.31	63	466797	112.55	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.55%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	569127	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	361379	46.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.92%

Target Compounds

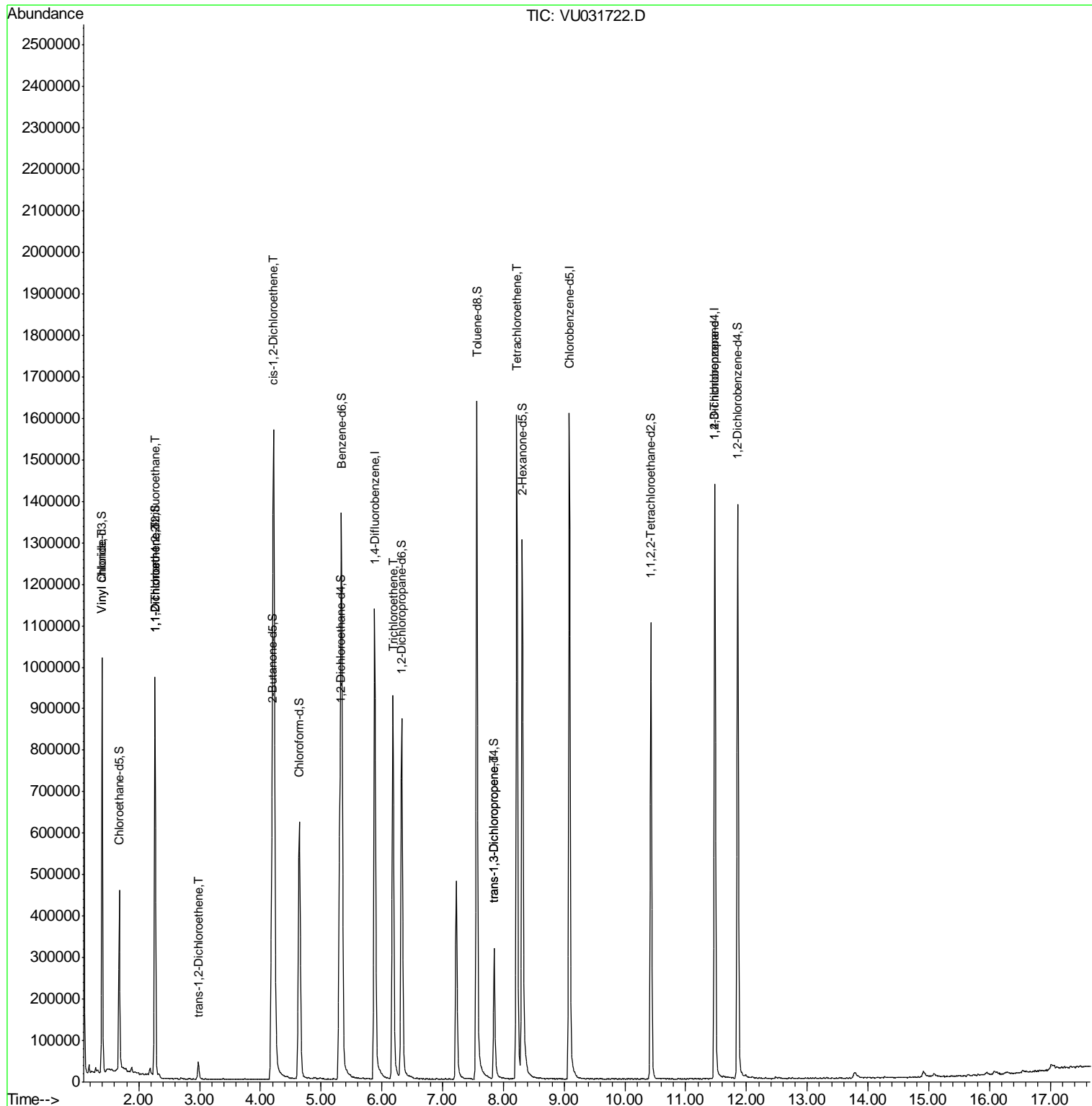
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.40	62	332636	27.802	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	4482	0.581	ug/L #	22
12) 1,1-Dichloroethene	2.28	96	9802	1.306	ug/L #	1
17) trans-1,2-Dichloroethene	2.98	96	15822	2.023	ug/L	94
20) cis-1,2-Dichloroethene	4.22	96	782626	93.301	ug/L	97
34) Trichloroethene	6.18	95	344068	43.527	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	6685	0.603	ug/L #	81
46) Tetrachloroethene	8.22	164	360319	66.862	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	48460	4.415	ug/L	95

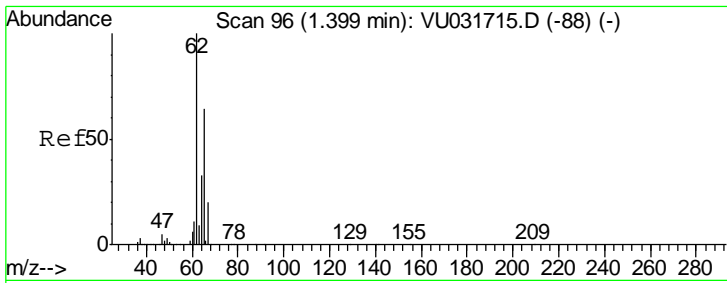
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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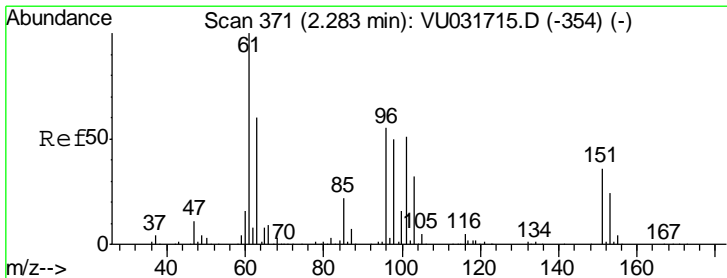
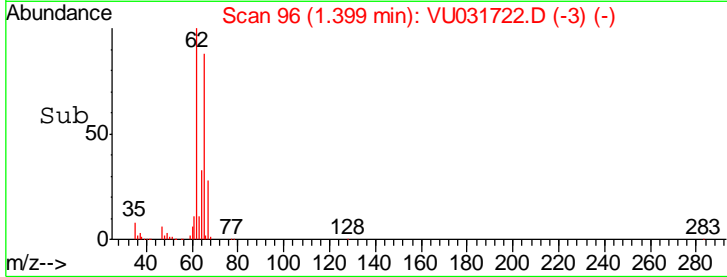
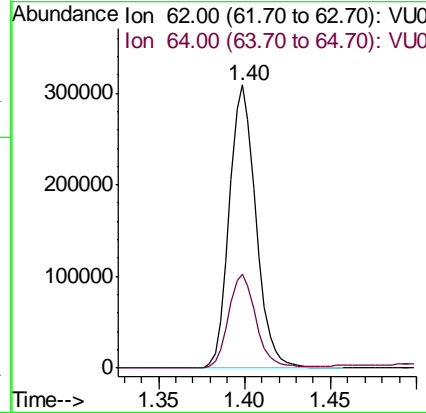
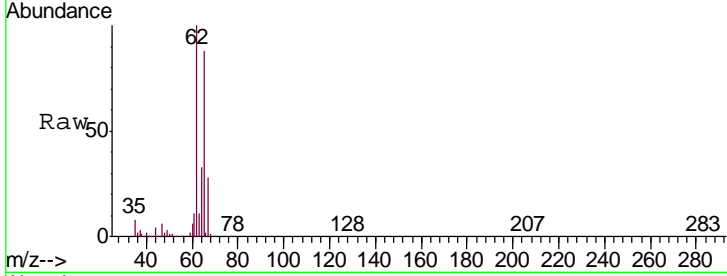




#5
 Vinyl chloride
 Concen: 27.802 ug/L
 RT: 1.40 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: VU031722.D
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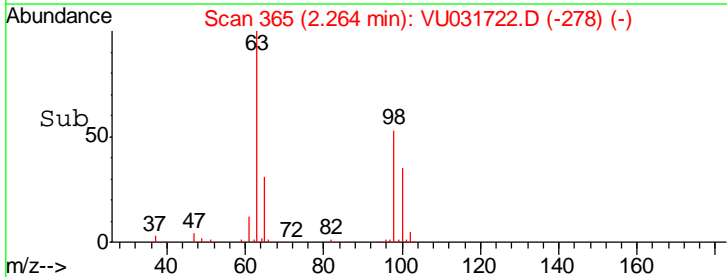
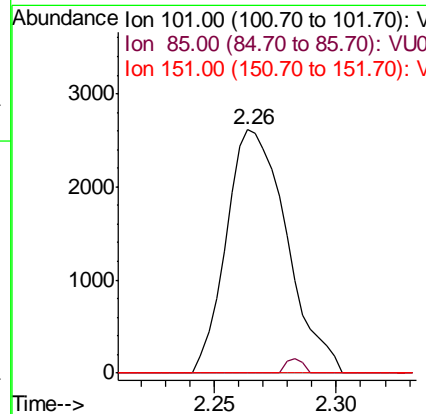
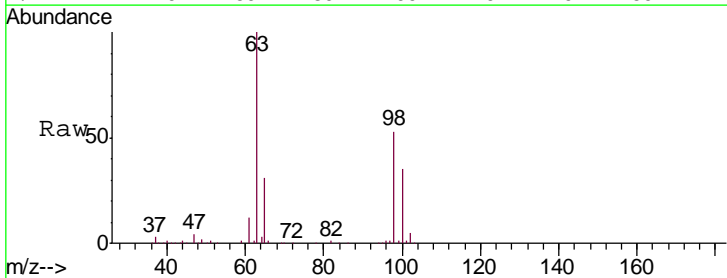
Instrument :
 MSVOA_U
 ClientSampled :
 C0B30

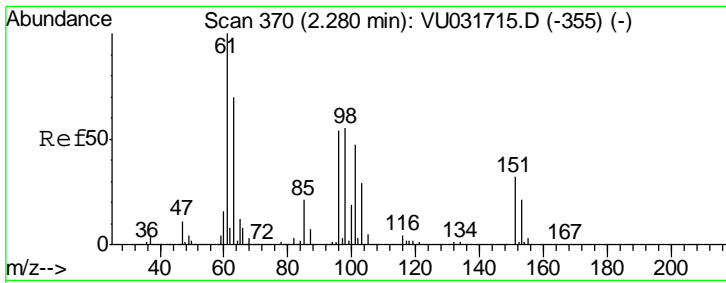
Tgt Ion	Resp	Lower	Upper
62	100		
64	33.3	23.1	42.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.581 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.02 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

Tgt Ion	Resp	Lower	Upper
101	100		
85	1.7	36.1	54.1#
151	0.0	56.1	84.1#

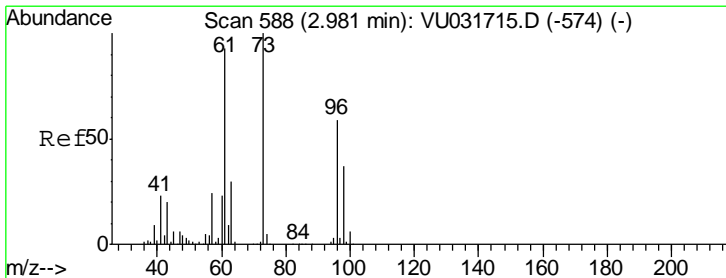
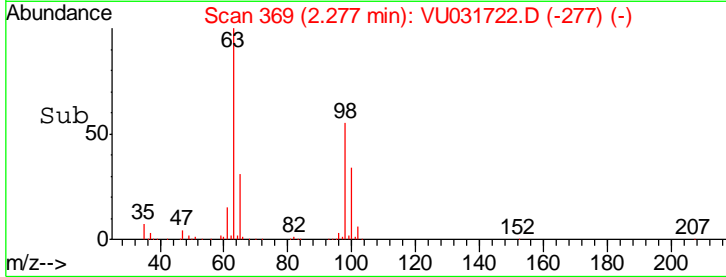
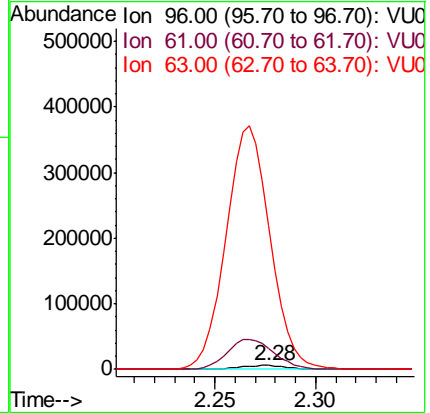
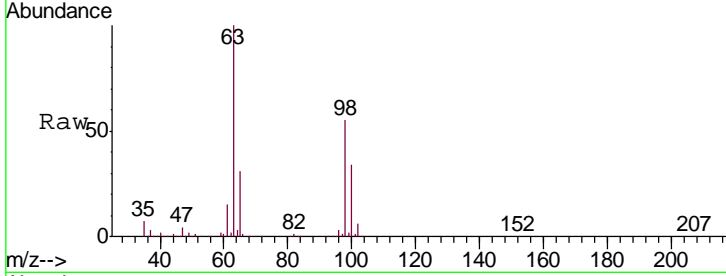




#12
 1,1-Dichloroethene
 Concen: 1.306 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

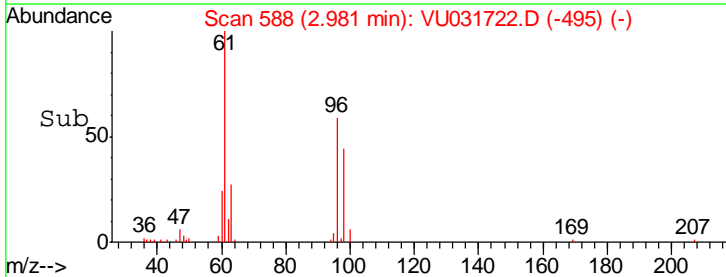
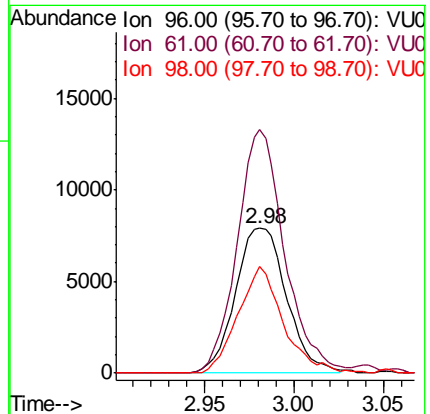
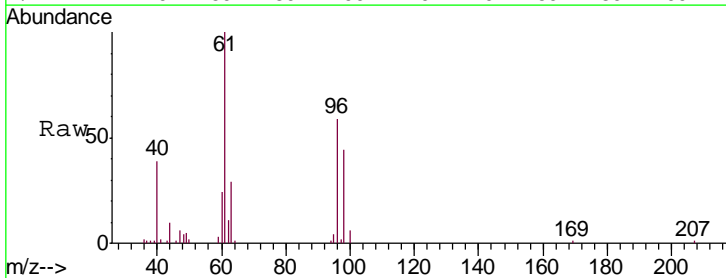
Instrument :
 MSVOA_U
 ClientSampled :
 C0B30

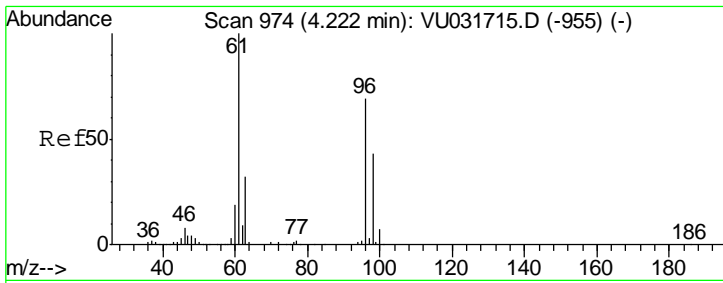
Tgt Ion: 96 Resp: 9802
 Ion Ratio Lower Upper
 96 100
 61 566.9 135.0 250.6#
 63 3869.6 103.5 192.3#



#17
 trans-1,2-Dichloroethene
 Concen: 2.023 ug/L
 RT: 2.98 min Scan# 588
 Delta R.T. 0.00 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

Tgt Ion: 96 Resp: 15822
 Ion Ratio Lower Upper
 96 100
 61 168.5 114.5 212.7
 98 74.2 45.4 84.2

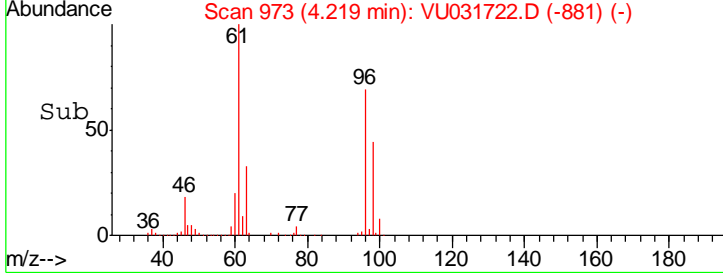
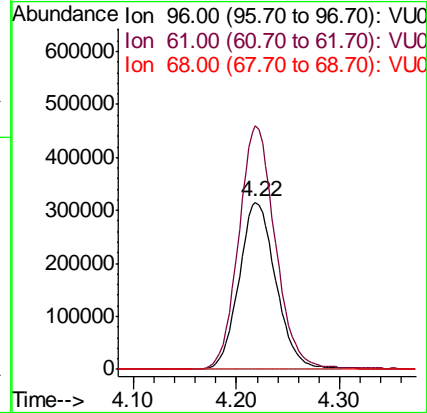
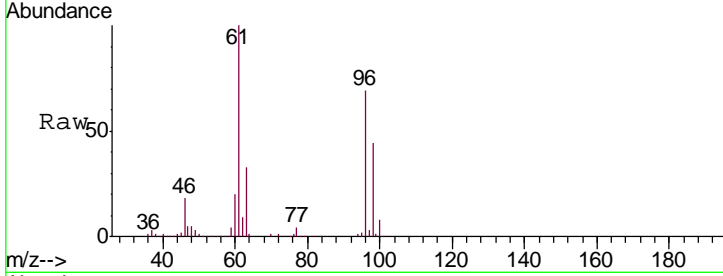




#20
 cis-1,2-Dichloroethene
 Concen: 93.301 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

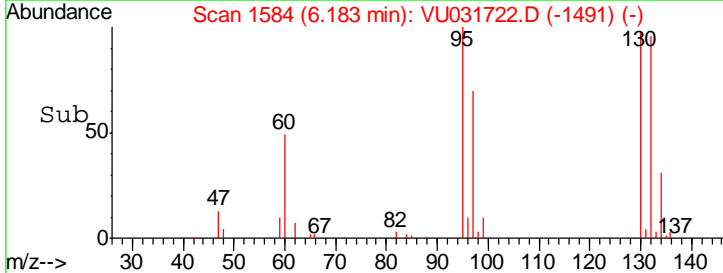
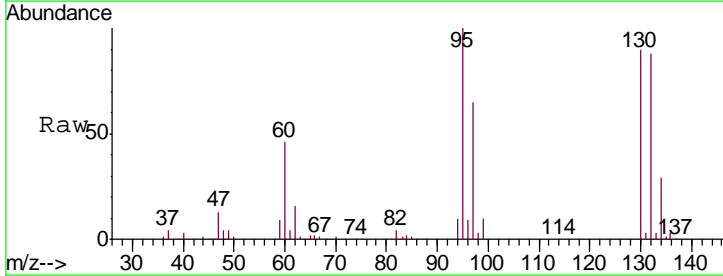
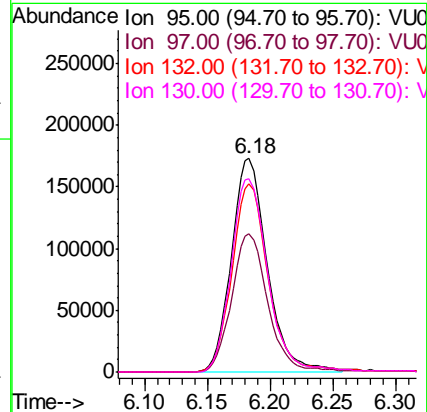
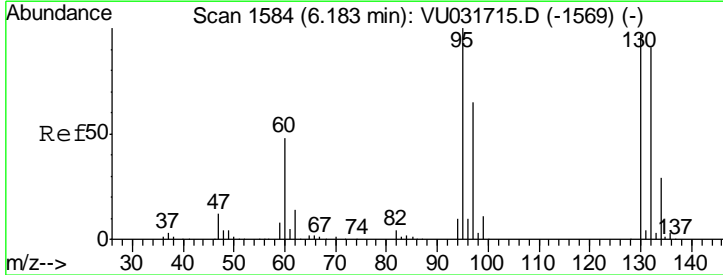
Instrument :
 MSVOA_U
 ClientSampleId :
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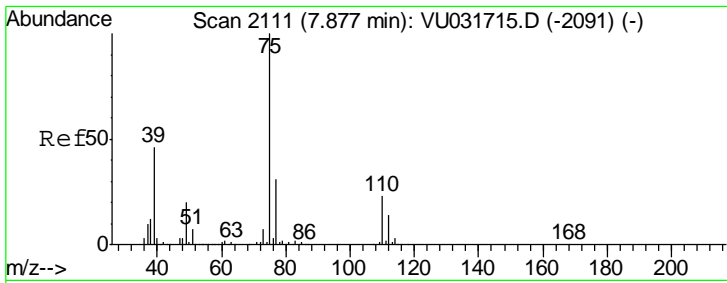
Tgt Ion	Resp	Lower	Upper
96	782626		
61	145.5	99.5	184.7
68	0.0	0.0	0.0



#34
 Trichloroethene
 Concen: 43.527 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031722.D
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Tgt Ion	Resp	Lower	Upper
95	344068		
97	64.7	44.8	83.2
132	87.9	63.1	117.1
130	90.5	66.5	123.5

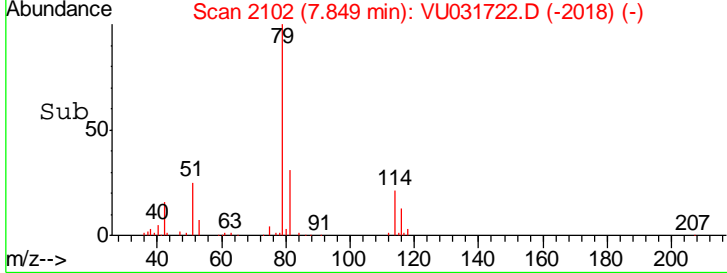
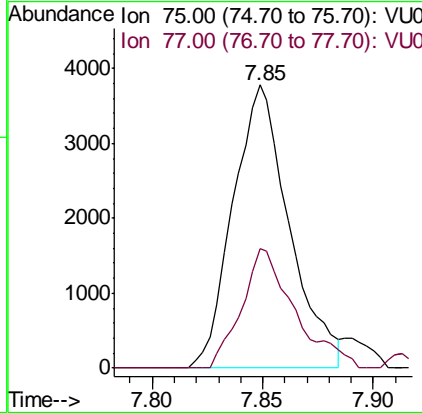
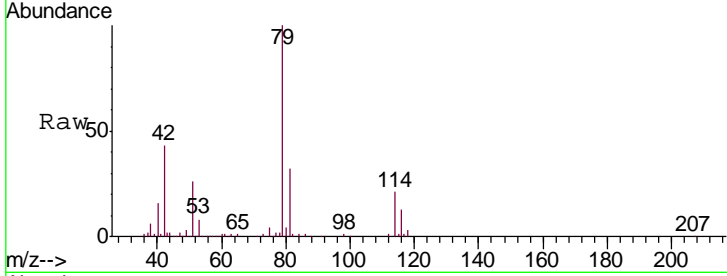




#44
 trans-1,3-Dichloropropene
 Concen: 0.603 ug/L
 RT: 7.85 min Scan# 2102
 Delta R.T. -0.03 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

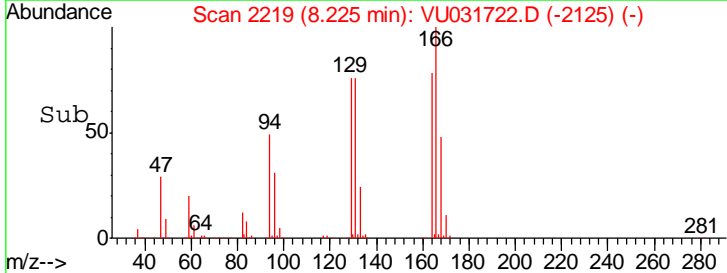
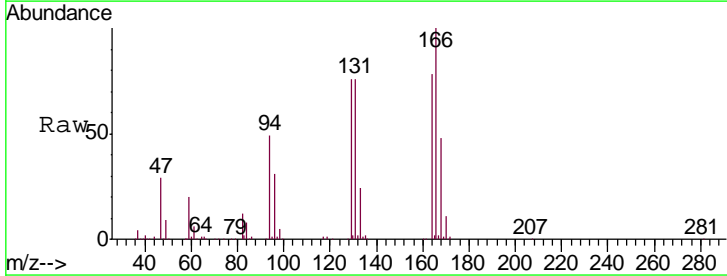
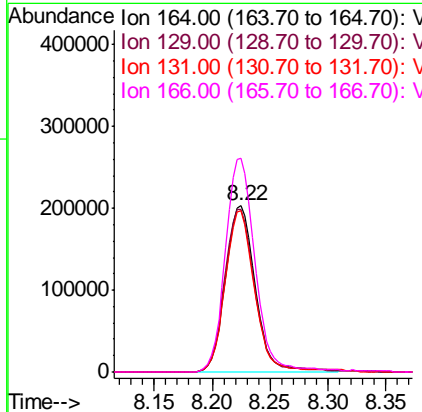
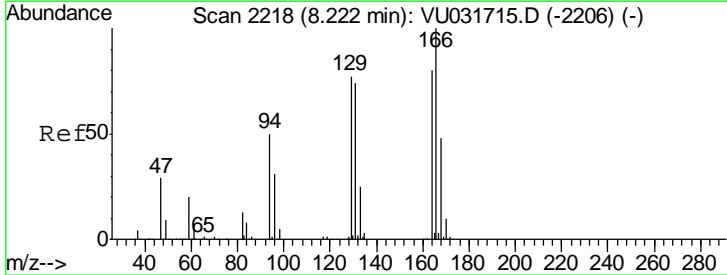
Instrument : MSVOA_U
 ClientSampled : C0B30

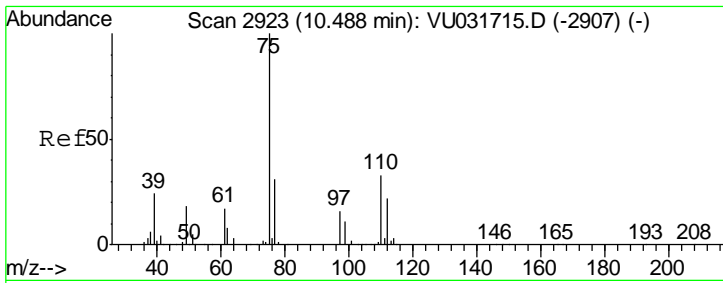
Tgt Ion: 75 Resp: 6685
 Ion Ratio Lower Upper
 75 100
 77 42.3 22.1 41.1#



#46
 Tetrachloroethene
 Concen: 66.862 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

Tgt Ion: 164 Resp: 360319
 Ion Ratio Lower Upper
 164 100
 129 98.0 71.5 132.9
 131 97.2 69.0 128.2
 166 128.6 93.7 173.9





#59
 1,2,3-Trichloropropane
 Concen: 4.415 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031722.D
 Acq: 02 May 2019 19:12

Instrument : MSVOA_U
 ClientSampled : C0B30

Tgt Ion: 75 Resp: 48460

Ion	Ratio	Lower	Upper
75	100		
77	35.4	25.9	38.9

