

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026554.D
 Acq On : 05 Sep 2018 20:05
 Operator : MD/SY
 Sample : J4694-11
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE29

Quant Time: Sep 06 07:25:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 06 05:59:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	162071	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	68253	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37631	35.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.78%
7) Chloroethane-d5	1.68	69	37125	39.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.27	63	55416	23.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	46.94%#
21) 2-Butanone-d5	4.18	46	82231	101.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.03%
24) Chloroform-d	4.65	84	85950	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.31	65	60234	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
32) Benzene-d6	5.34	84	170546	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
36) 1,2-Dichloropropane-d6	6.33	67	61250	47.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.46%
41) Toluene-d8	7.57	98	152291	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	15398	26.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.56%#
47) 2-Hexanone-d5	8.31	63	55502	94.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85457	45.20	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	60252	48.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.32%

Target Compounds

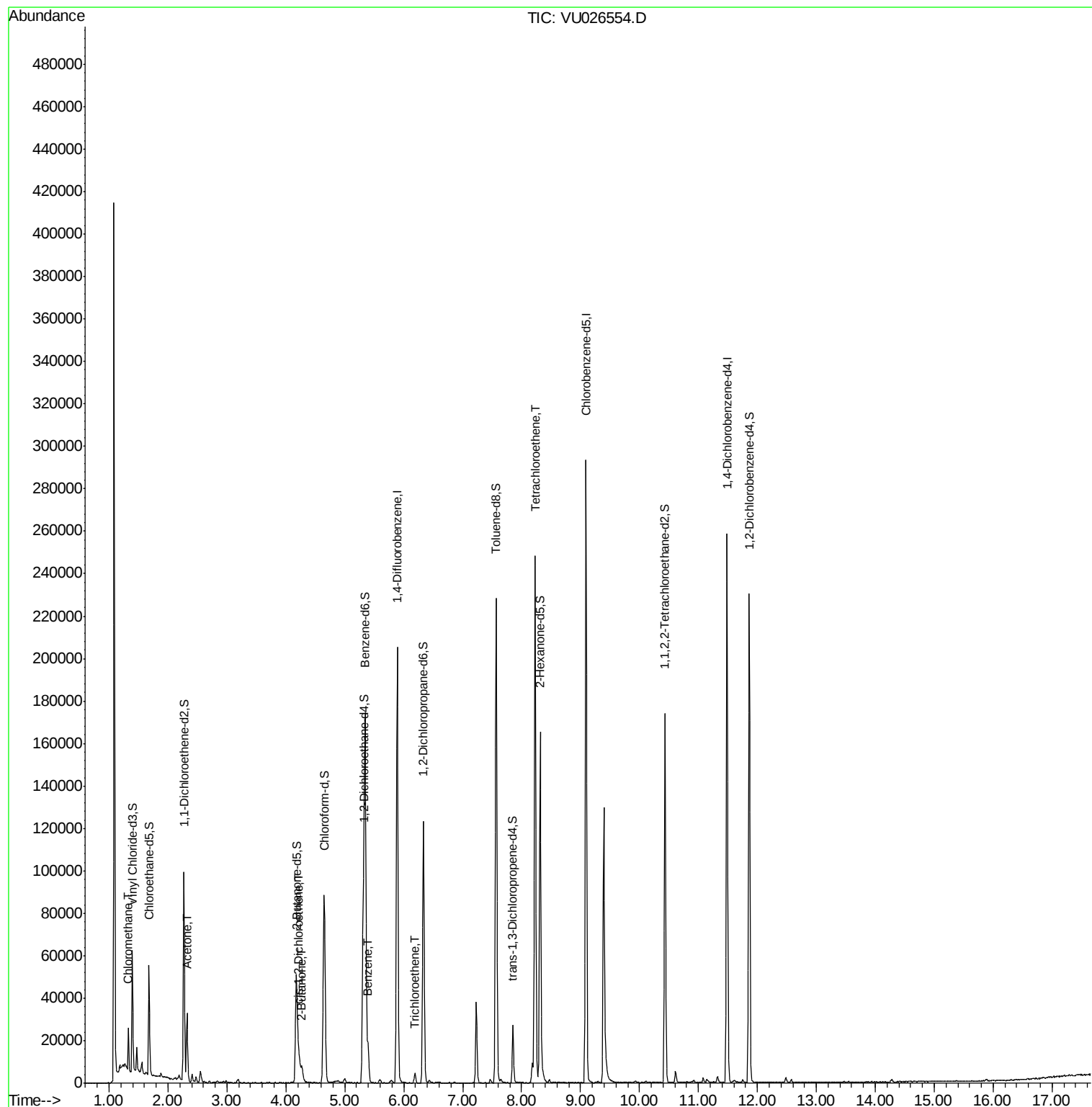
						Ovalue
3) Chloromethane	1.33	50	12910	7.92	ug/L	99
13) Acetone	2.32	43	33825	48.00	ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	4507	3.68	ug/L	98
22) 2-Butanone	4.27	43	11906	12.57	ug/L	100
33) Benzene	5.39	78	17315	3.73	ug/L	100
34) Trichloroethene	6.19	95	1792	1.54	ug/L	92
46) Tetrachloroethene	8.23	164	55027	57.75	ug/L	98

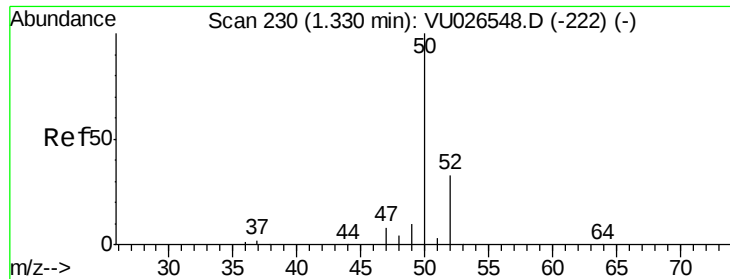
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 7.92 ug/L

RT: 1.33 min Scan# 229

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

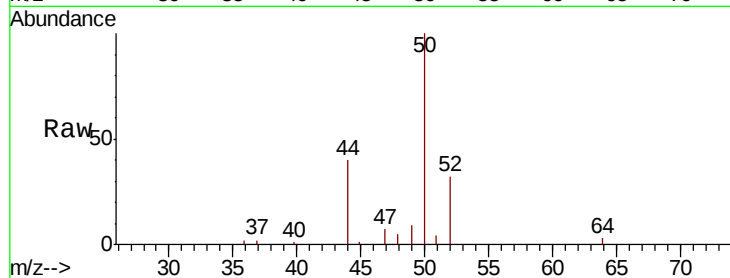
BEE29

Tot Ion: 50 Resp: 12910

Ion Ratio Lower Upper

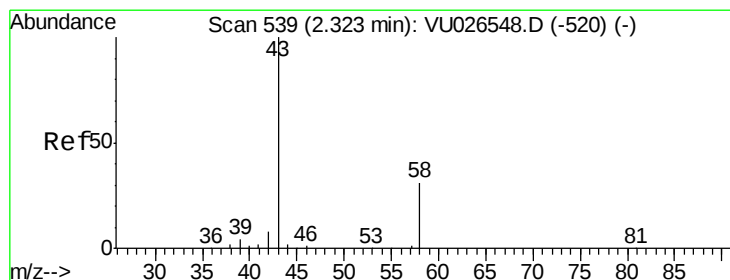
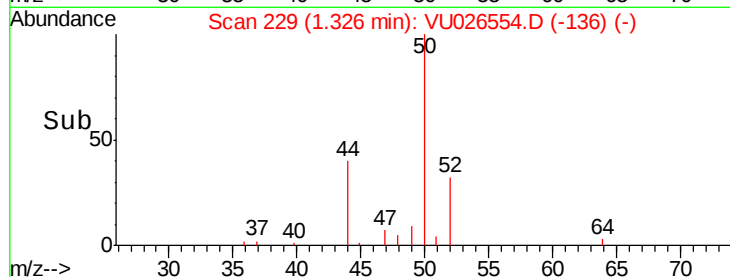
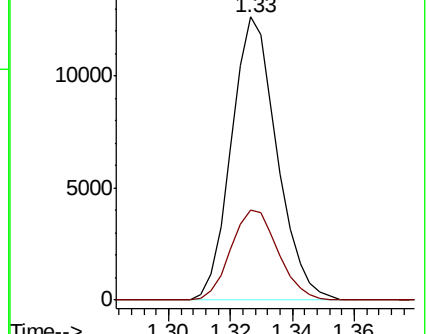
50 100

52 32.0 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#13

Acetone

Concen: 48.00 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026554.D

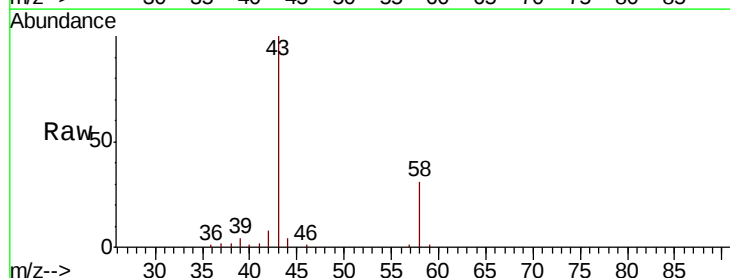
Acq: 05 Sep 2018 20:05

Tgt Ion: 43 Resp: 33825

Ion Ratio Lower Upper

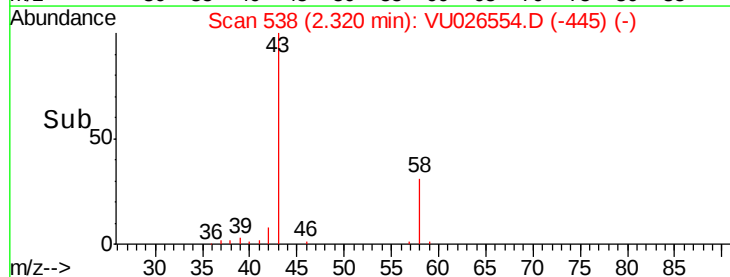
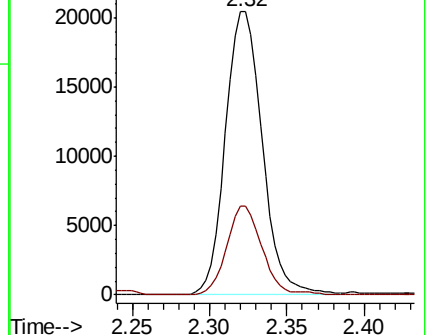
43 100

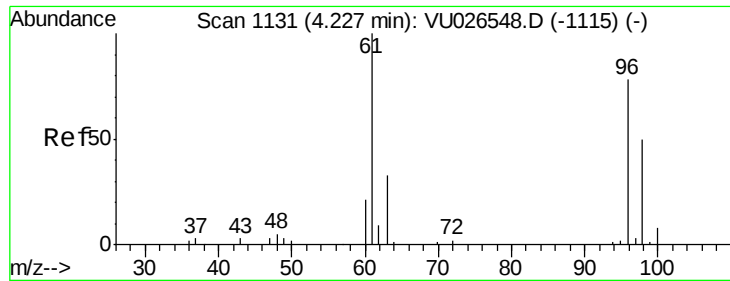
58 29.7 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

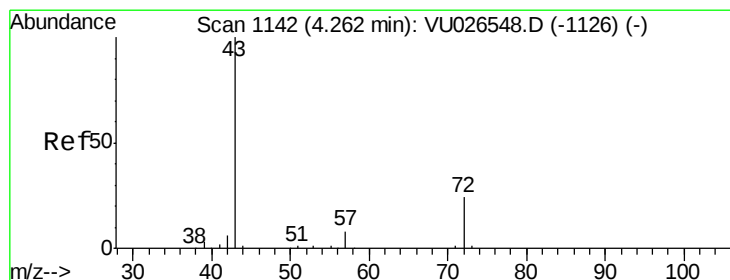
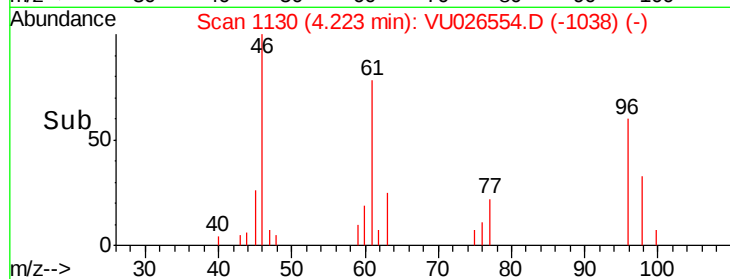
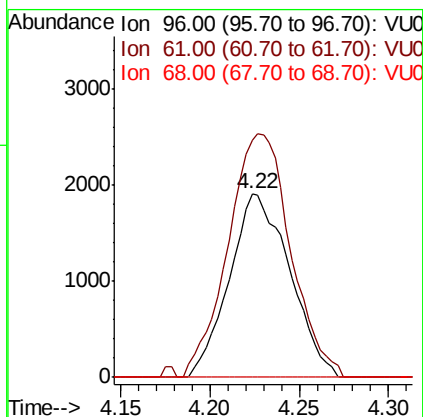
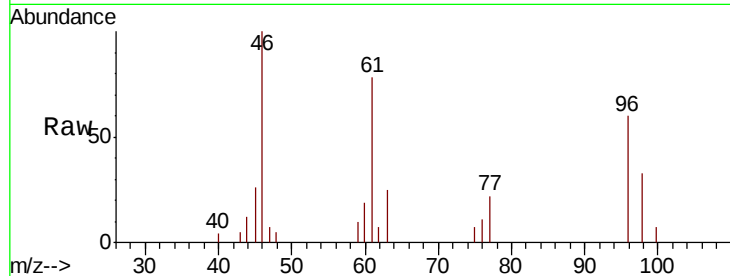




#20
 cis-1,2-Dichloroethene
 Concen: 3.68 ug/L
 RT: 4.22 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: VU026554.D
 Acq: 05 Sep 2018 20:05

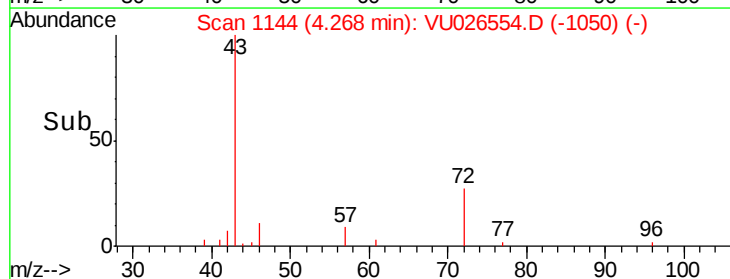
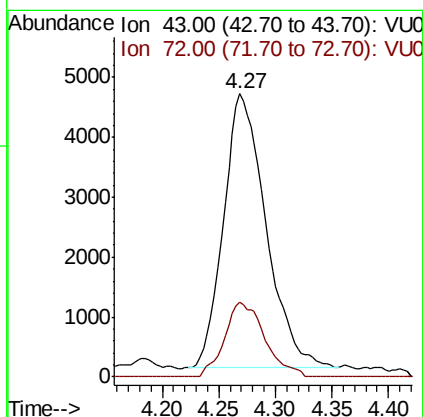
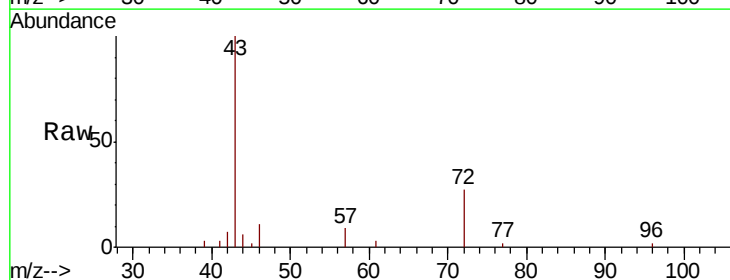
Instrument :
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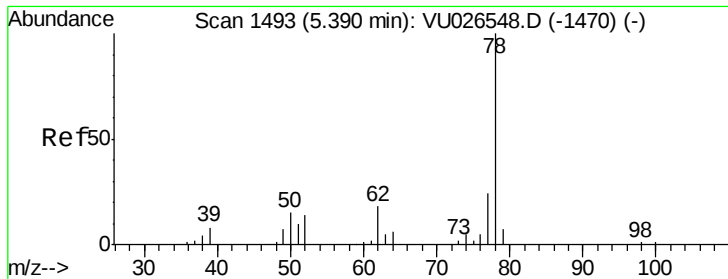
Tot Ion: 96 Resp: 4507
 Ion Ratio Lower Upper
 96 100
 61 128.9 91.6 170.2
 68 0.0 0.0 0.0



#22
 2-Butanone
 Concen: 12.57 ug/L
 RT: 4.27 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VU026554.D
 Acq: 05 Sep 2018 20:05

Tgt Ion: 43 Resp: 11906
 Ion Ratio Lower Upper
 43 100
 72 26.0 13.0 38.9





#33

Benzene

Concen: 3.73 ug/L

RT: 5.39 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

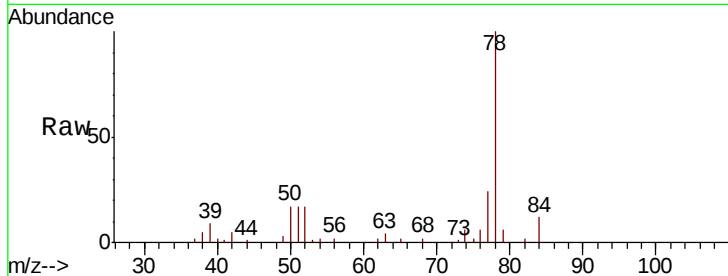
Instrument :

MSVOA_U

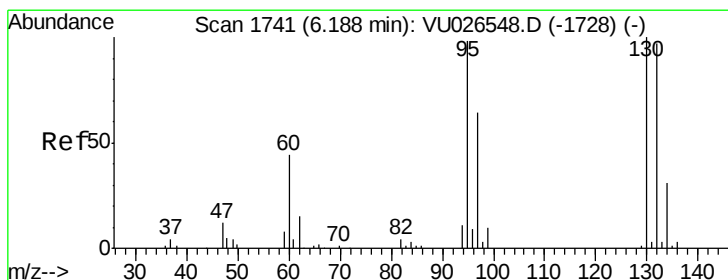
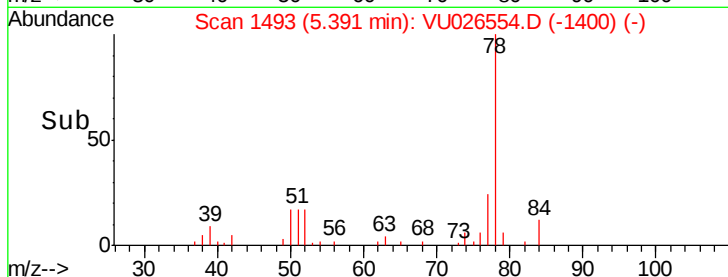
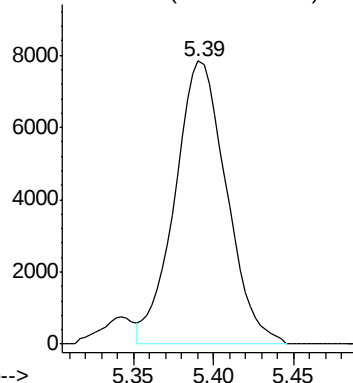
ClientSampled :

BEE29

Tgt Ion: 78 Resp: 17315



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 1.54 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Tgt Ion: 95 Resp: 1792

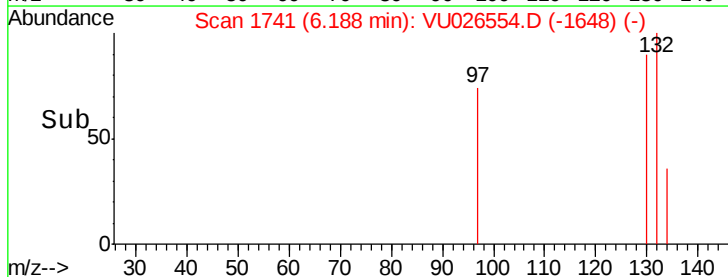
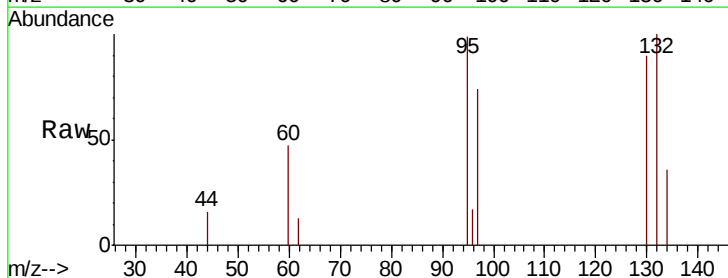
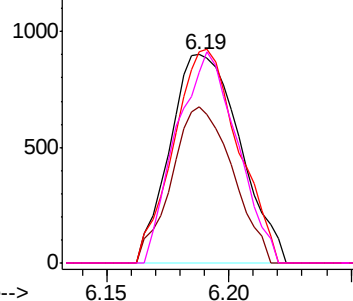
Ion	Ratio	Lower	Upper
95	100		
97	74.6	45.1	83.7
132	101.1	67.5	125.3
130	91.4	69.3	128.7

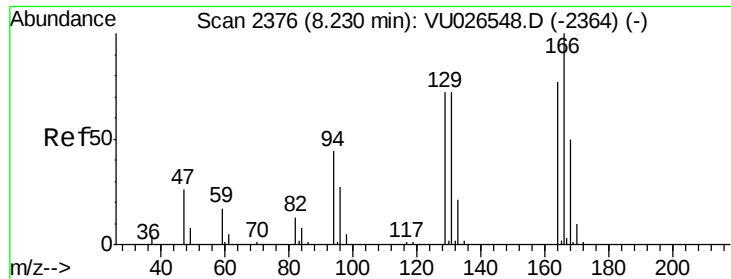
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 57.75 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026554.D

Acq: 05 Sep 2018 20:05

Instrument :

MSVOA_U

ClientSampleId :

BEE29

Tot Ion:164 Resp: 55027

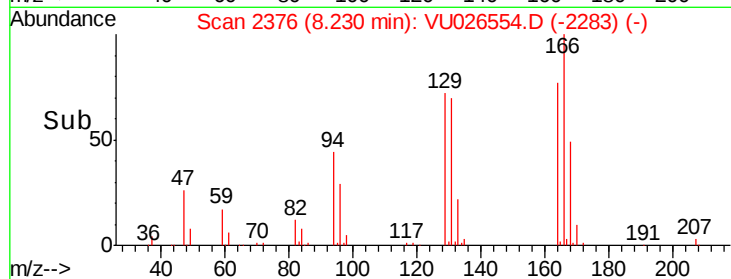
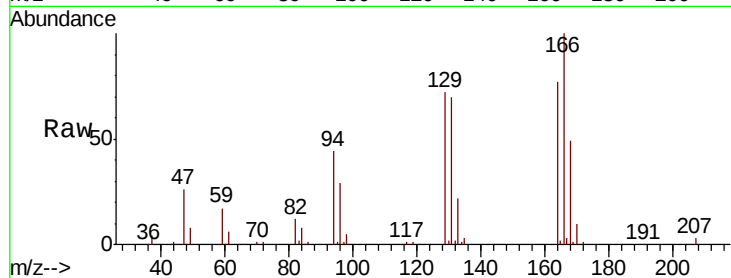
Ion Ratio Lower Upper

164 100

129 92.9 67.3 125.1

131 90.5 65.3 121.3

166 129.2 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

