

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090518\
 Data File : VU026553.D
 Acq On : 05 Sep 2018 19:42
 Operator : MD/SY
 Sample : J4694-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE28

Quant Time: Sep 06 07:20:25 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	168359	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156736	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	65682	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	39318	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.38%
7) Chloroethane-d5	1.68	69	38266	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.24%
11) 1,1-Dichloroethene-d2	2.27	63	60791	25.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.76%#
21) 2-Butanone-d5	4.18	46	83194	102.76	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.76%
24) Chloroform-d	4.65	84	88402	44.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.74%
26) 1,2-Dichloroethane-d4	5.31	65	60488	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
32) Benzene-d6	5.34	84	172340	47.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.42%
36) 1,2-Dichloropropane-d6	6.33	67	61450	49.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.04%
41) Toluene-d8	7.57	98	152412	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.85	79	15595	27.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.04%#
47) 2-Hexanone-d5	8.31	63	56936	100.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.03%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85894	46.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	60987	51.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.36%

Target Compounds

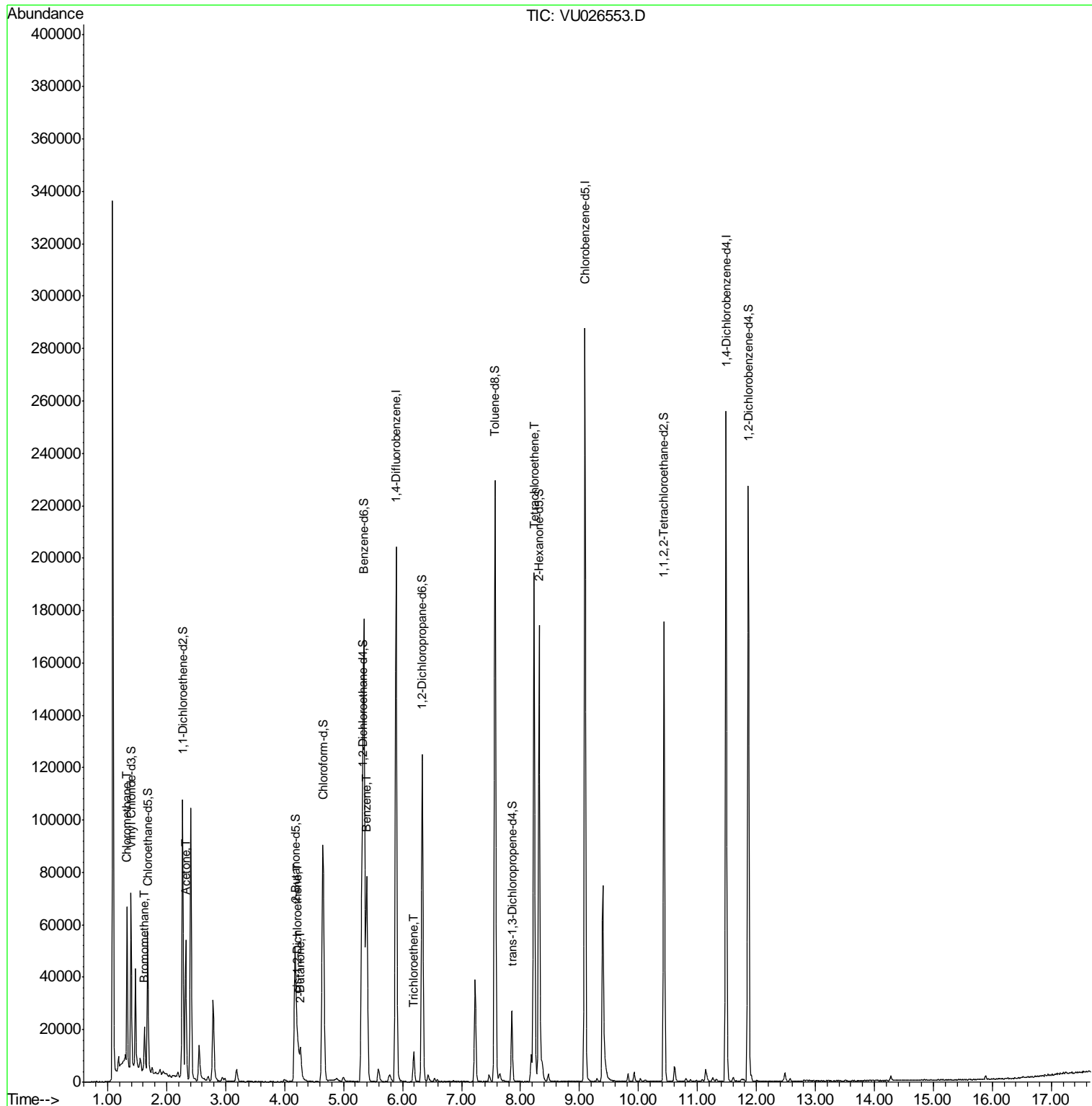
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.33	50	39982	24.67	ug/L	100
6) Bromomethane	1.63	94	7745	7.43	ug/L	98
13) Acetone	2.32	43	54753	78.10	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	5581	4.58	ug/L	95
22) 2-Butanone	4.27	43	19107	20.28	ug/L	97
33) Benzene	5.39	78	74340	16.54	ug/L	100
34) Trichloroethene	6.19	95	3896	3.46	ug/L	96
46) Tetrachloroethene	8.23	164	43754	47.48	ug/L	96

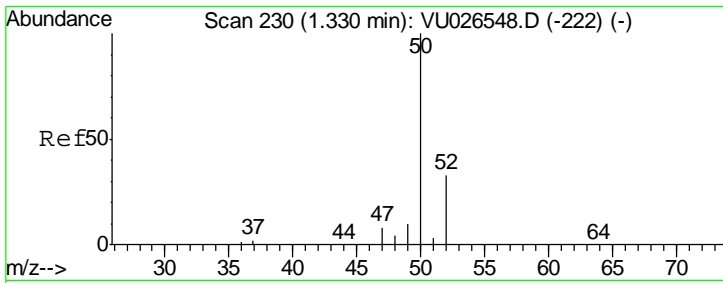
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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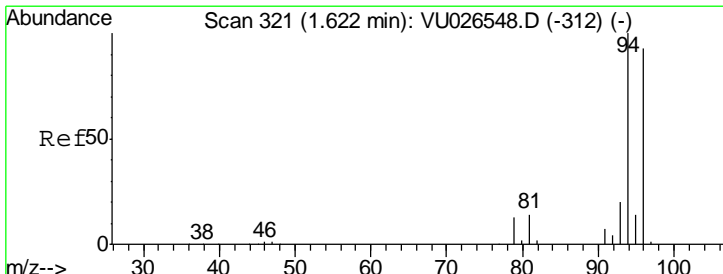
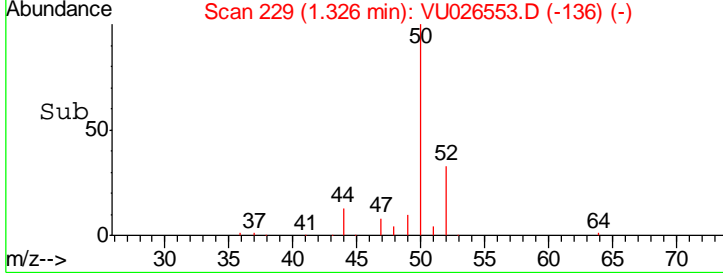
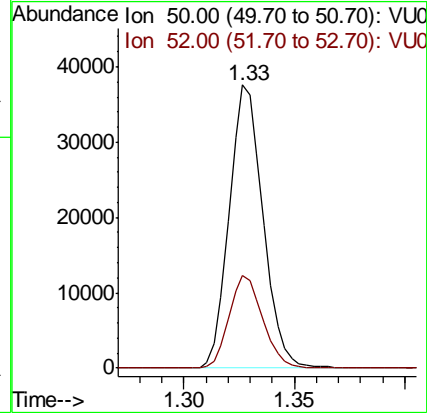
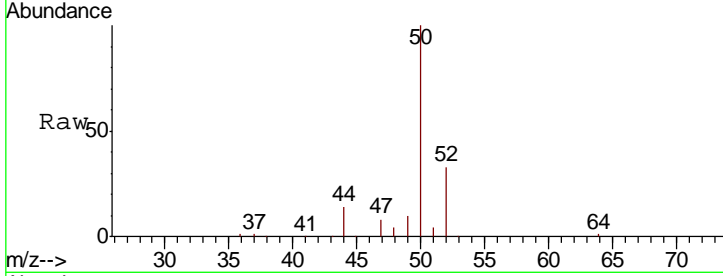




#3
 Chloromethane
 Concen: 24.67 ug/L
 RT: 1.33 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

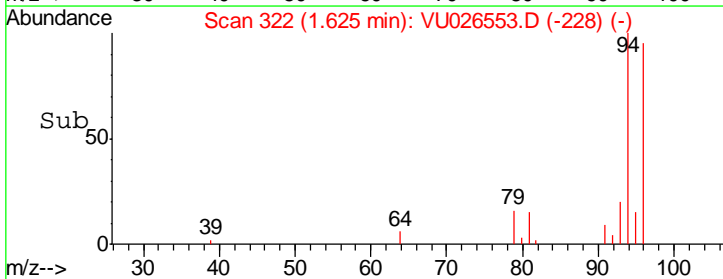
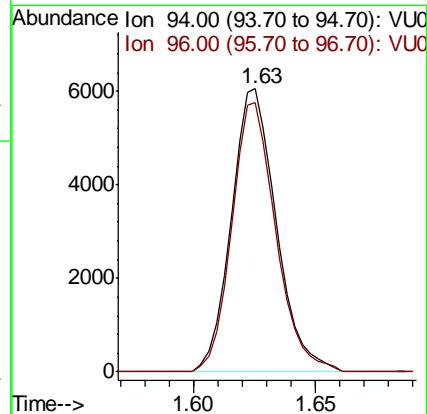
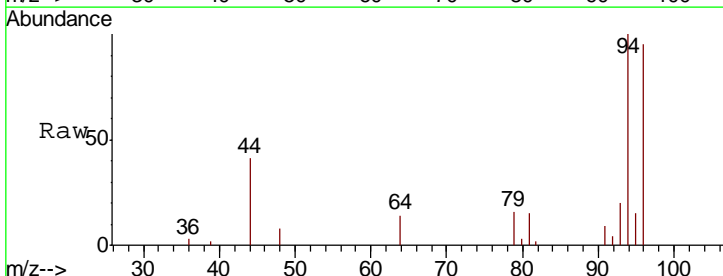
Instrument : MSVOA_U
 ClientSampled : BEE28

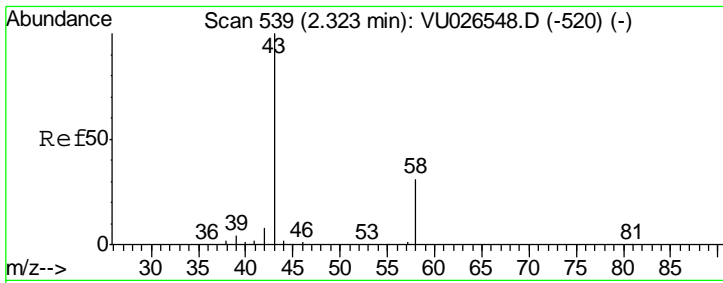
Tgt Ion	Resp	Lower	Upper
50	39982		
52	32.8	23.0	42.6



#6
 Bromomethane
 Concen: 7.43 ug/L
 RT: 1.63 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

Tgt Ion	Resp	Lower	Upper
94	7745		
96	95.3	65.3	121.3

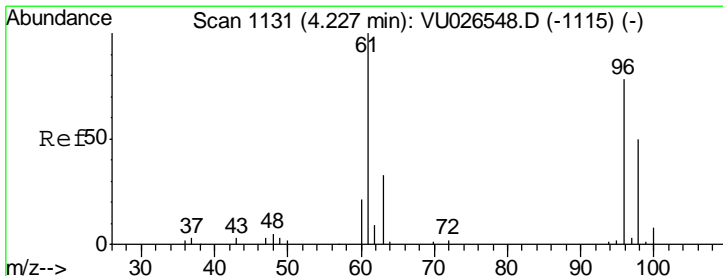
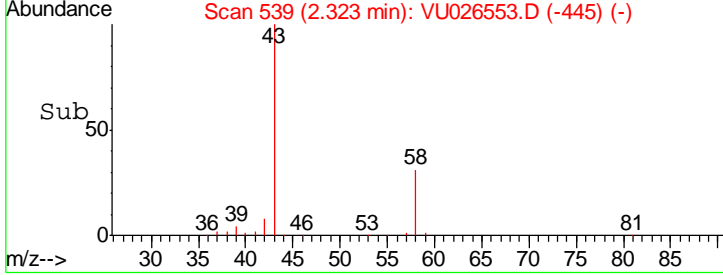
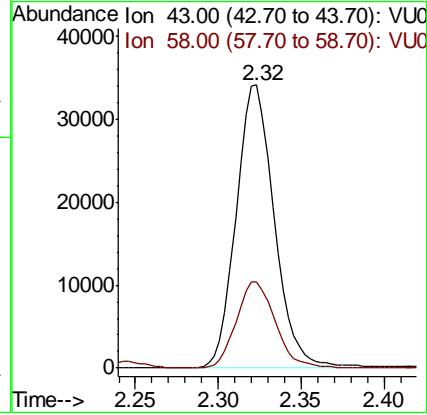
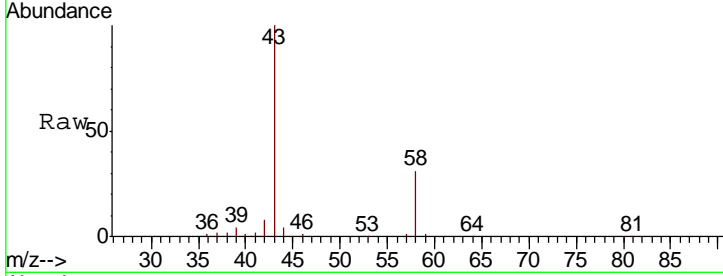




#13
 Acetone
 Concen: 78.10 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

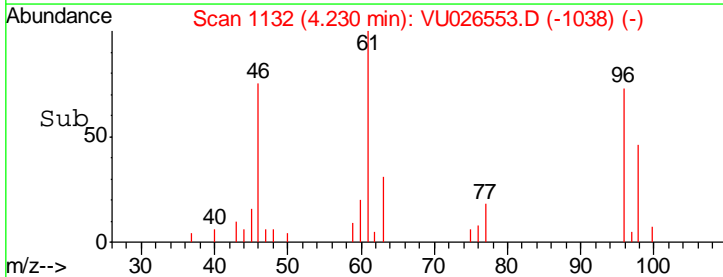
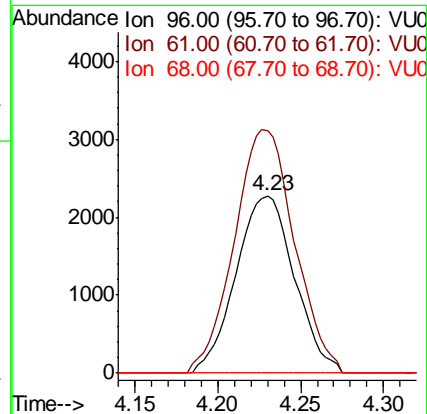
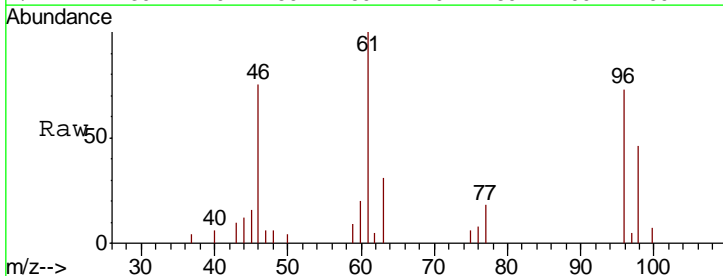
Instrument :
 MSVOA_U
 ClientSampled :
 BEE28

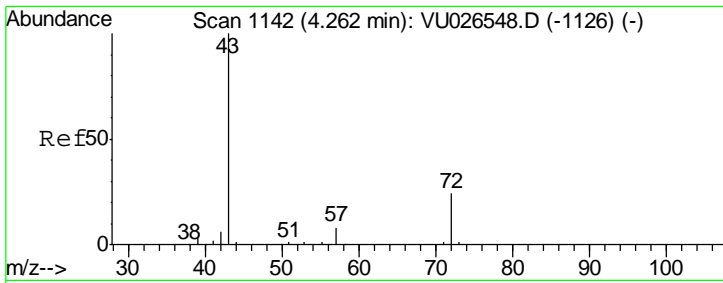
Tgt Ion	Resp	Lower	Upper
43	54753		
58	31.1	0.0	61.2



#20
 cis-1,2-Dichloroethene
 Concen: 4.58 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

Tgt Ion	Resp	Lower	Upper
96	5581		
61	136.7	91.6	170.2
68	0.0	0.0	0.0

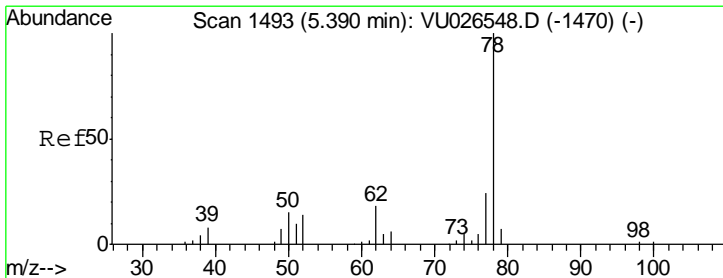
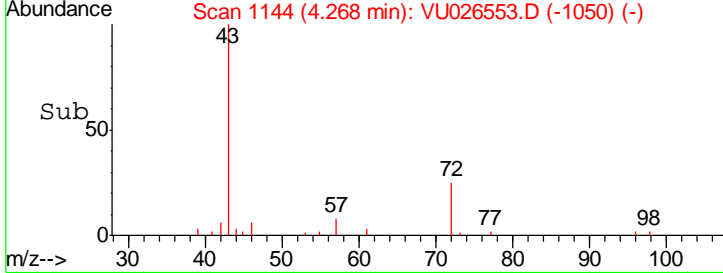
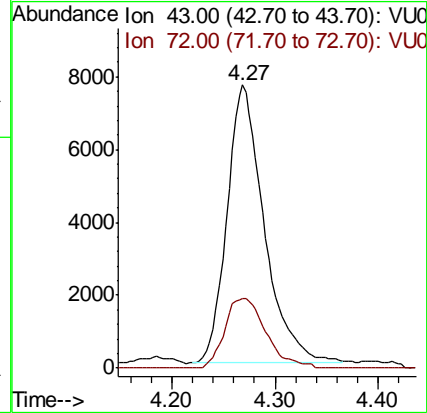
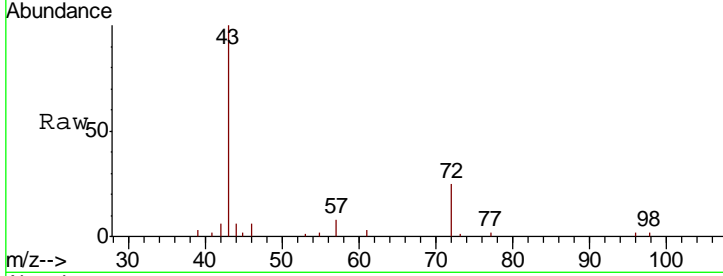




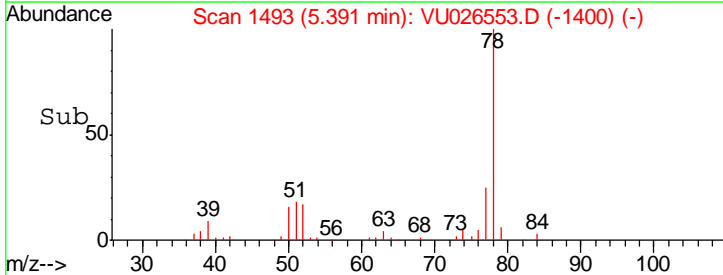
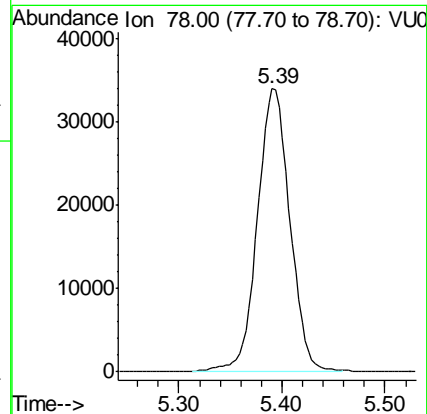
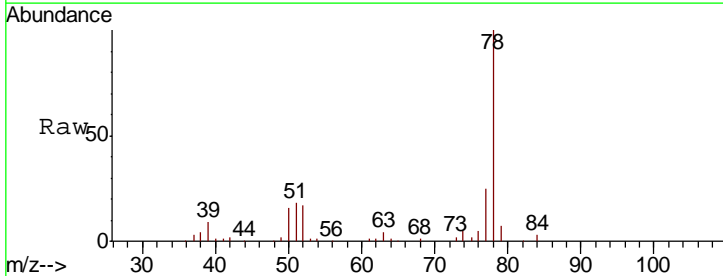
#22
 2-Butanone
 Concen: 20.28 ug/L
 RT: 4.27 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

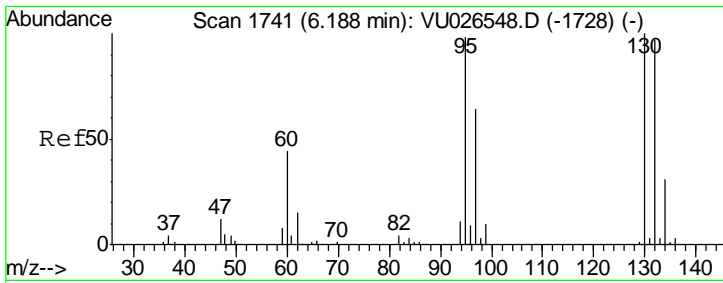
Instrument :
 MSVOA_U
 ClientSampled :
 BEE28

Tgt Ion: 43 Resp: 19107
 Ion Ratio Lower Upper
 43 100
 72 27.6 13.0 38.9



#33
 Benzene
 Concen: 16.54 ug/L
 RT: 5.39 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42
 Tgt Ion: 78 Resp: 74340

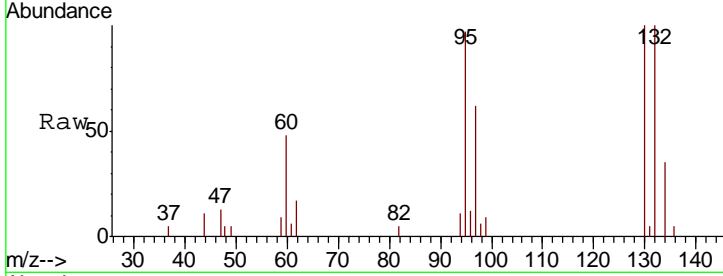




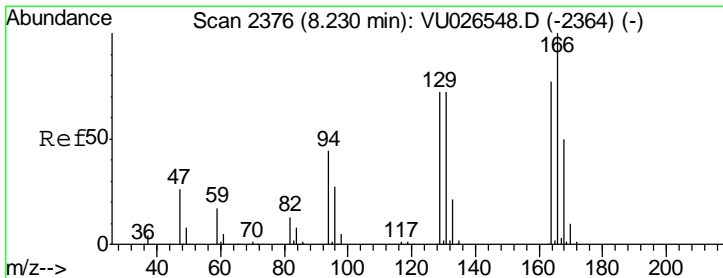
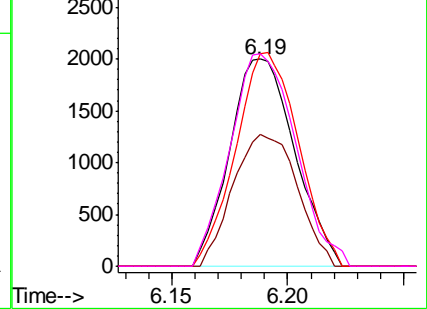
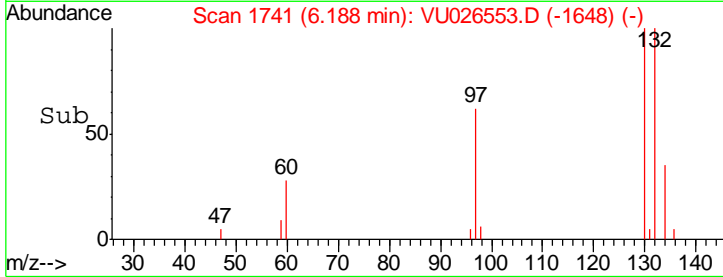
#34
 Trichloroethene
 Concen: 3.46 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

Instrument :
 MSVOA_U
 ClientSampled :
 BEE28

Tgt Ion	Resp	Lower	Upper
95	3896		
97	63.5	45.1	83.7
132	102.7	67.5	125.3
130	102.4	69.3	128.7

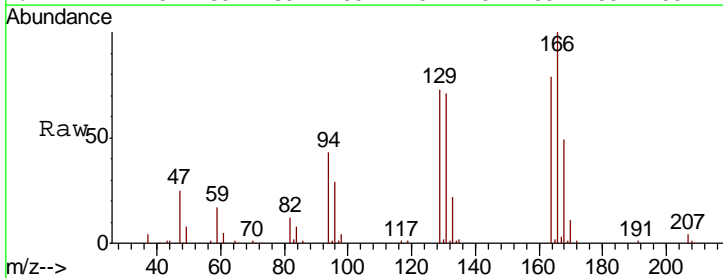


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V



#46
 Tetrachloroethene
 Concen: 47.48 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026553.D
 Acq: 05 Sep 2018 19:42

Tgt Ion	Resp	Lower	Upper
164	43754		
129	91.8	67.3	125.1
131	89.8	65.3	121.3
166	126.5	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

