

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072618\
 Data File : VU025650.D
 Acq On : 26 Jul 2018 15:00
 Operator : MD/SY
 Sample : J4148-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX0

Quant Time: Jul 27 02:04:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 27 02:03:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	300430	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	286528	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	148445	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	73956	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.24%
7) Chloroethane-d5	1.68	69	63257	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.27	63	111787	31.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.62%
21) 2-Butanone-d5	4.18	46	136057	102.75	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.75%
24) Chloroform-d	4.65	84	167789	43.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.84%
26) 1,2-Dichloroethane-d4	5.31	65	117857	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.35	84	323167	43.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.96%
36) 1,2-Dichloropropane-d6	6.34	67	107718	45.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.98%
41) Toluene-d8	7.57	98	301294	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.85	79	51130	42.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.54%
47) 2-Hexanone-d5	8.31	63	95236	96.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	148316	44.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	131912	43.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.70%

Target Compounds

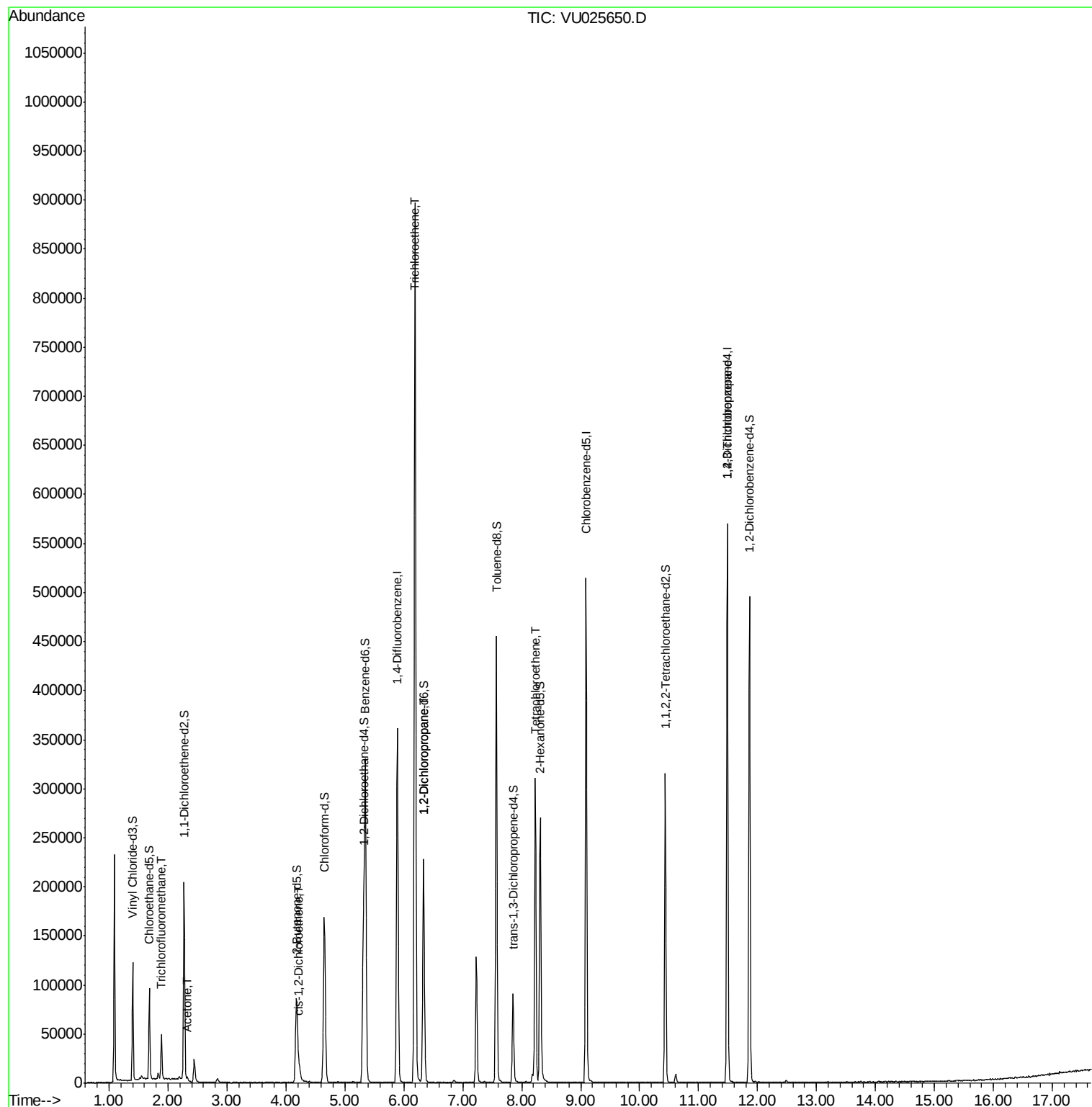
					Qvalue
9) Trichlorofluoromethane	1.89	101	26477	7.930 ug/L	99
13) Acetone	2.32	43	3072	1.977 ug/L	92
20) cis-1,2-Dichloroethene	4.23	96	5191	2.356 ug/L	100
34) Trichloroethene	6.19	95	305757	139.971 ug/L	95
37) 1,2-Dichloropropane	6.34	63	12304	5.469 ug/L #	88
46) Tetrachloroethene	8.23	164	70502	37.229 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	16519	6.251 ug/L #	86

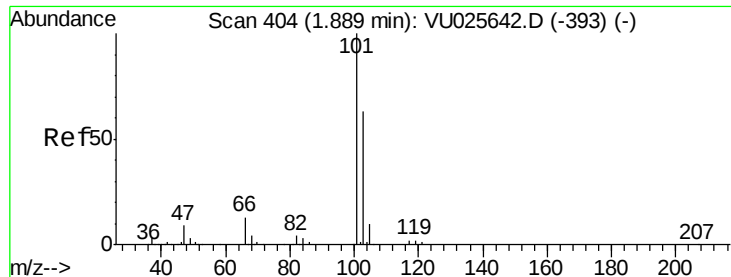
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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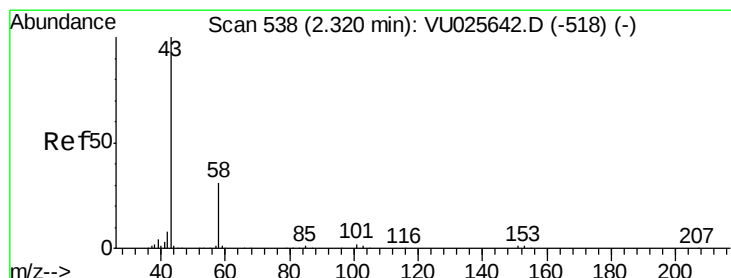
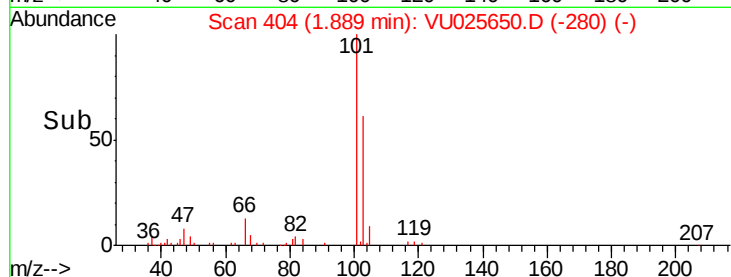
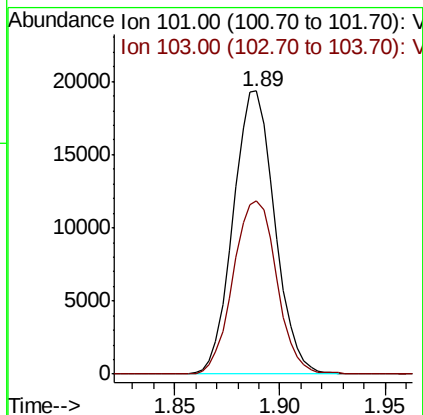
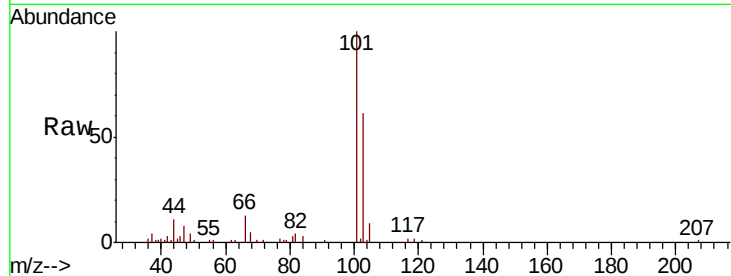


#9

Trichlorofluoromethane
 Concen: 7.930 ug/L
 RT: 1.89 min Scan# 404
 Delta R.T. -0.00 min
 Lab File: VU025650.D
 Acq: 26 Jul 2018 15:00

Instrument :
 MSVOA_U
 ClientSampleId :
 C0SX0

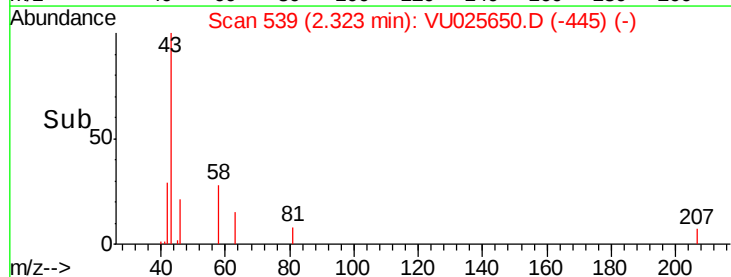
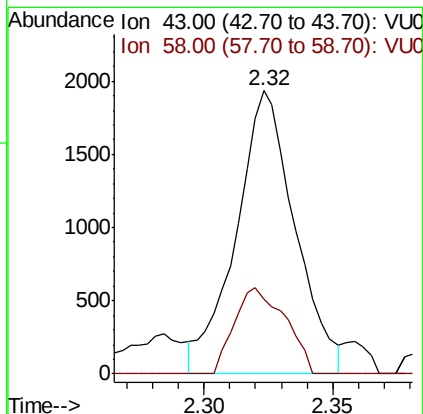
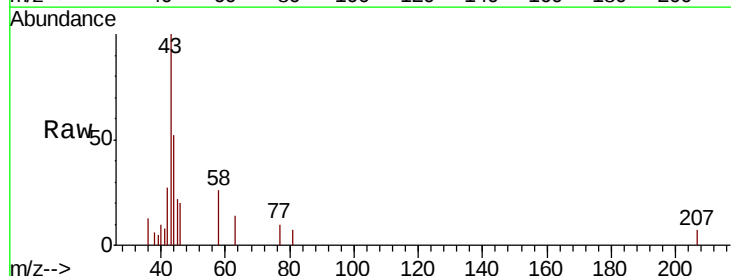
Tgt Ion:101 Resp: 26477
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.0 78.0

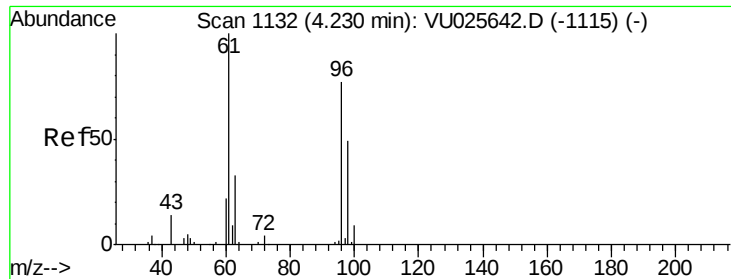


#13

Acetone
 Concen: 1.977 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU025650.D
 Acq: 26 Jul 2018 15:00

Tgt Ion: 43 Resp: 3072
 Ion Ratio Lower Upper
 43 100
 58 26.3 0.0 61.2





#20

cis-1,2-Dichloroethene

Concen: 2.356 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025650.D

Acq: 26 Jul 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

C0SX0

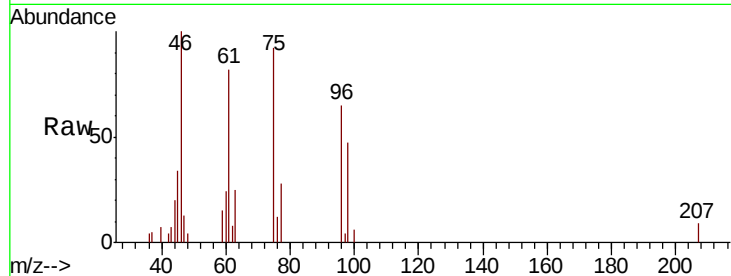
Tgt Ion: 96 Resp: 5191

Ion Ratio Lower Upper

96 100

61 125.0 87.4 162.2

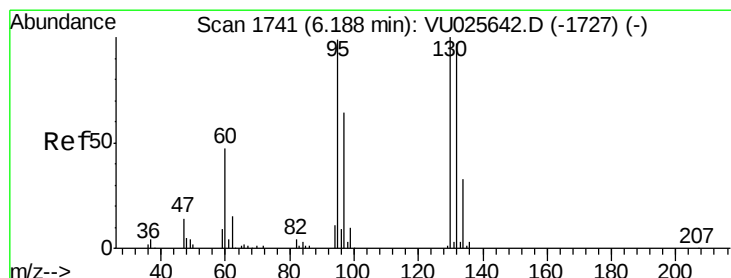
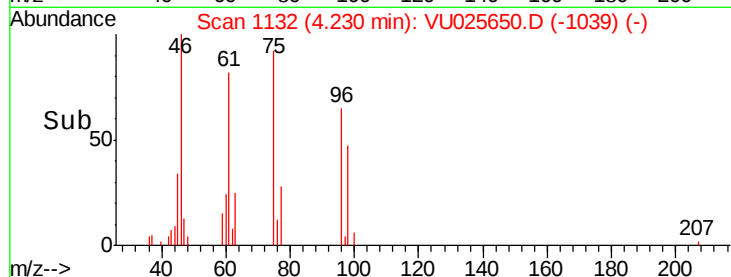
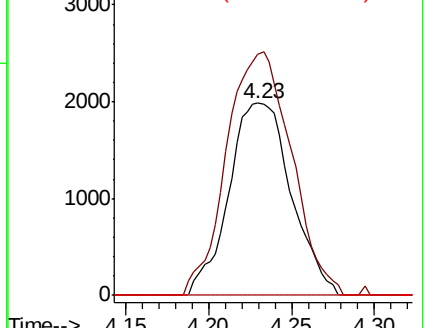
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 139.971 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025650.D

Acq: 26 Jul 2018 15:00

Tgt Ion: 95 Resp: 305757

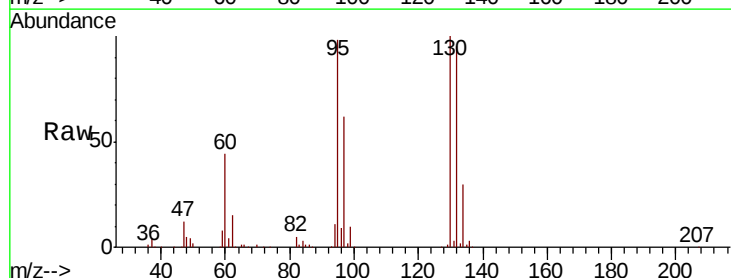
Ion Ratio Lower Upper

95 100

97 63.2 45.9 85.3

132 96.5 72.2 134.2

130 101.6 74.9 139.1

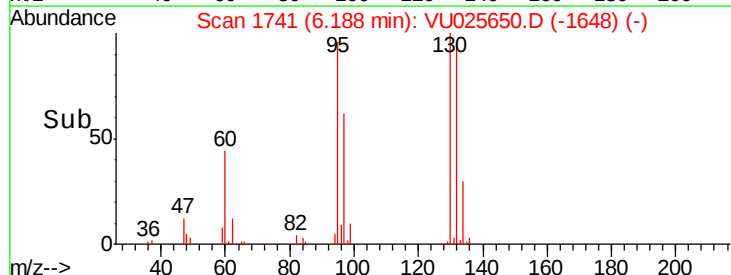
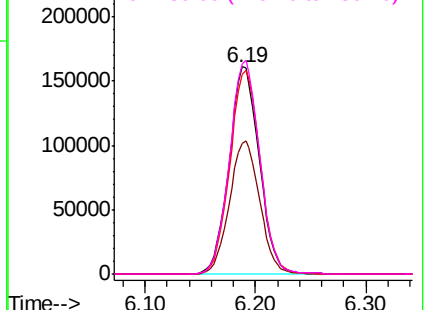


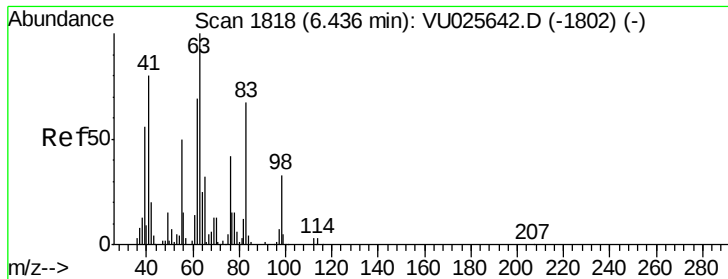
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

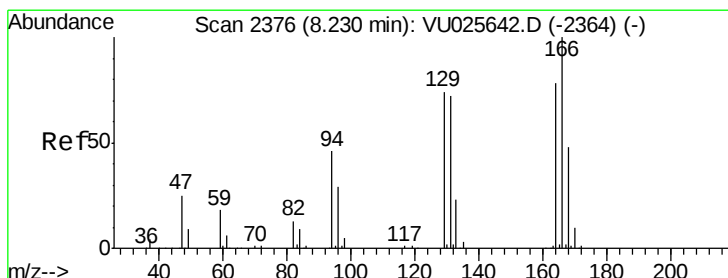
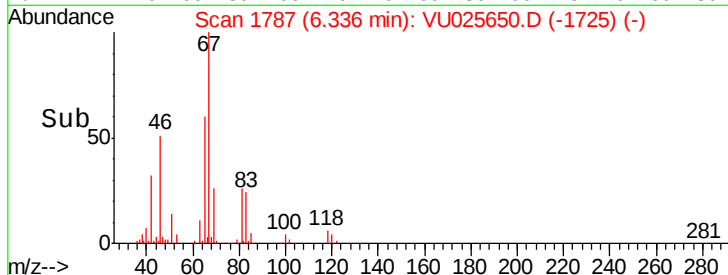
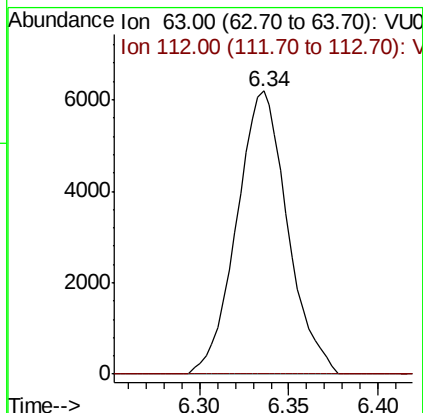
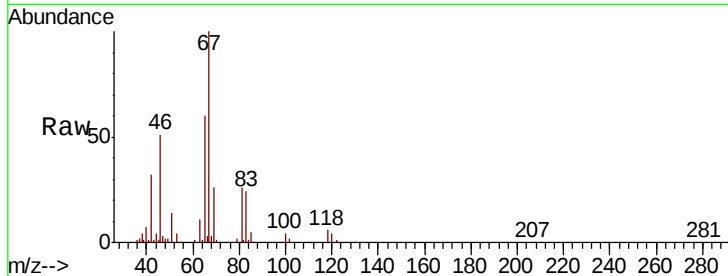




#37
 1,2-Dichloropropane
 Concen: 5.469 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU025650.D
 Acq: 26 Jul 2018 15:00

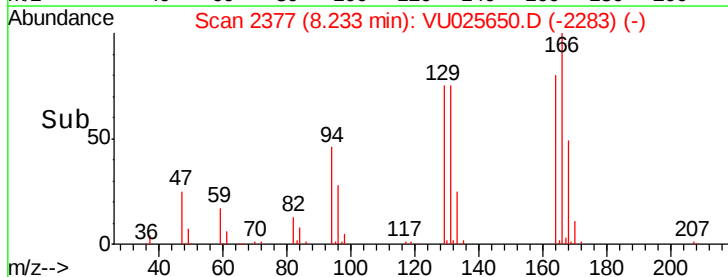
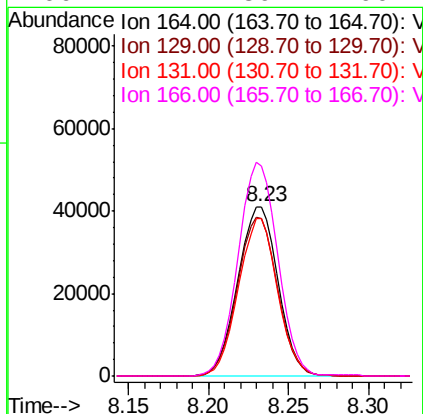
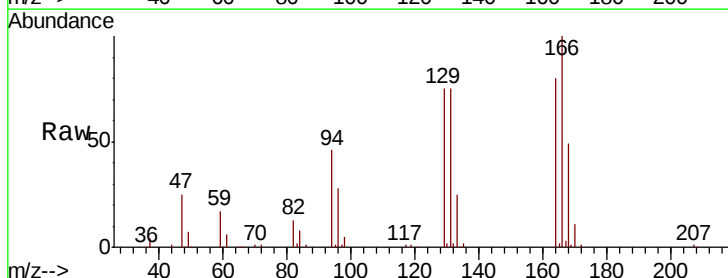
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 MSVOA_U
 ClientSampleId :
 C0SX0

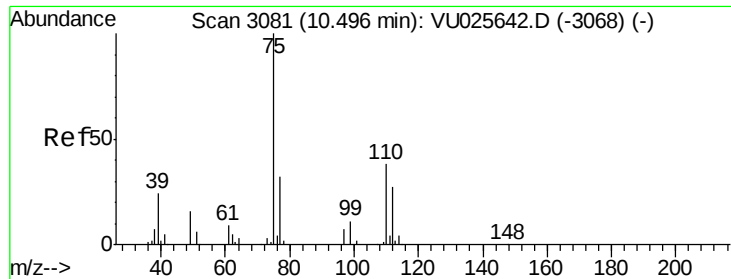
Tgt Ion: 63 Resp: 12304
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.3 4.9#



#46
 Tetrachloroethene
 Concen: 37.229 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU025650.D
 Acq: 26 Jul 2018 15:00

Tgt Ion: 164 Resp: 70502
 Ion Ratio Lower Upper
 164 100
 129 93.0 65.1 120.9
 131 93.3 62.8 116.6
 166 124.4 89.7 166.7





#59

1,2,3-Trichloropropane

Concen: 6.251 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025650.D

Acq: 26 Jul 2018 15:00

Instrument :

MSVOA_U

ClientSampleId :

C0SX0

Tgt Ion: 75 Resp: 16519

Ion Ratio Lower Upper

75 100

77 40.0 25.8 38.8#

