

Data File : VU026512.D
Acq On : 31 Aug 2018 20:04
Operator : MD/SY
Sample : J4691-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE04

Quant Time: Sep 01 01:06:16 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	146683	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137064	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	60100	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38080	41.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.80%
7) Chloroethane-d5	1.68	69	37165	45.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.56%
11) 1,1-Dichloroethene-d2	2.27	63	56963	27.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.66%#
21) 2-Butanone-d5	4.18	46	72489	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.65	84	78884	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.92%
26) 1,2-Dichloroethane-d4	5.31	65	55664	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.42%
32) Benzene-d6	5.35	84	158219	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
36) 1,2-Dichloropropane-d6	6.33	67	55911	51.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.04%
41) Toluene-d8	7.57	98	141506	46.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.85	79	24041	48.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.02%
47) 2-Hexanone-d5	8.31	63	52700	105.88	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79134	49.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	58982	54.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.18%

Target Compounds

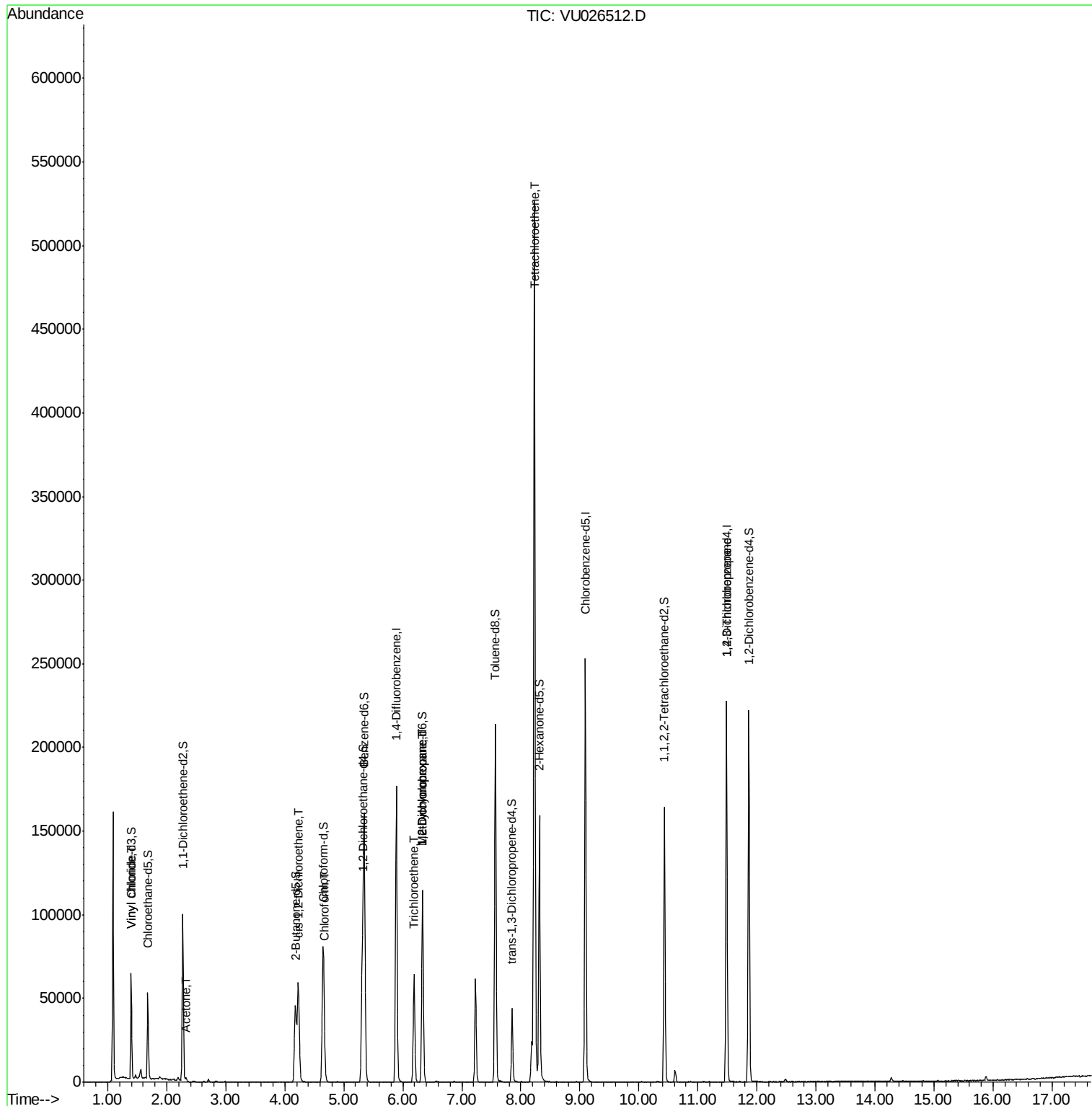
					Qvalue	
5) Vinyl chloride	1.40	62	2895	1.891	ug/L #	67
13) Acetone	2.32	43	2146	3.514	ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	31954	30.119	ug/L	95
25) Chloroform	4.67	83	4429	2.331	ug/L	89
34) Trichloroethene	6.19	95	22274	22.599	ug/L	98
35) Methylcyclohexane	6.33	83	12564	8.164	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5803	5.334	ug/L #	88
46) Tetrachloroethene	8.23	164	116108	144.085	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	6722	4.952	ug/L #	84

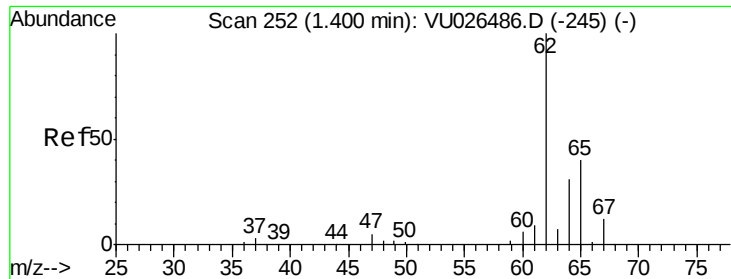
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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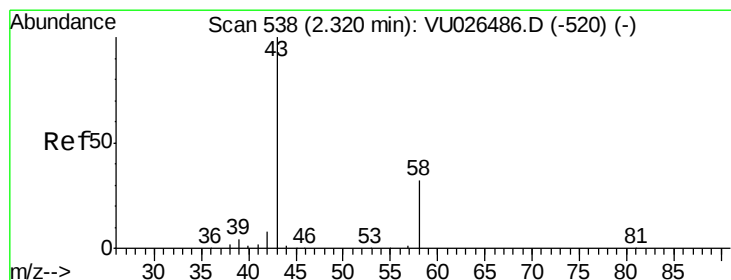
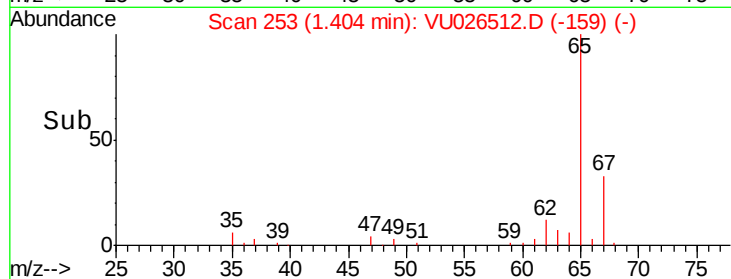
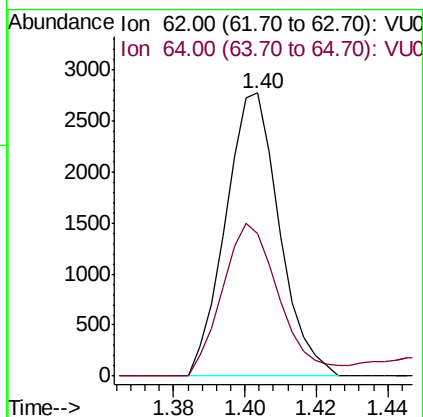
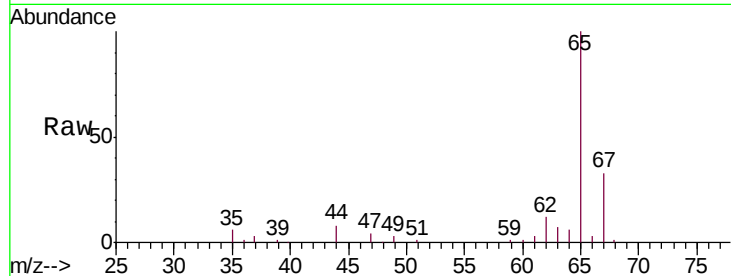




#5
 Vinyl chloride
 Concen: 1.891 ug/L
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU026512.D
 Acq: 31 Aug 2018 20:04

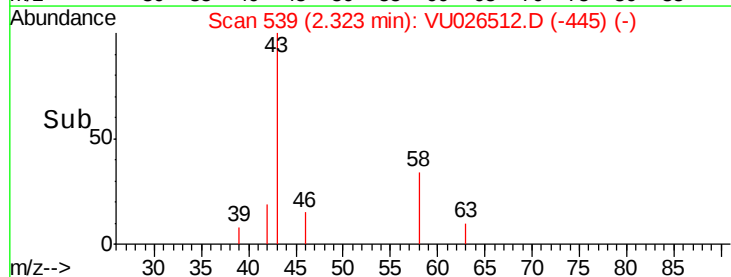
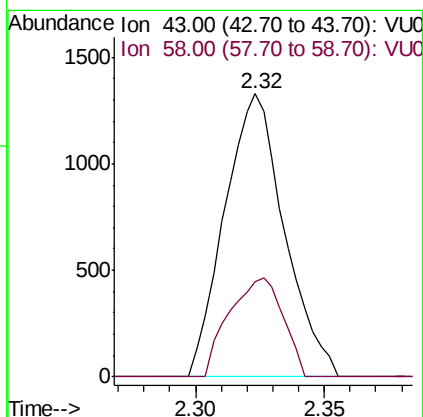
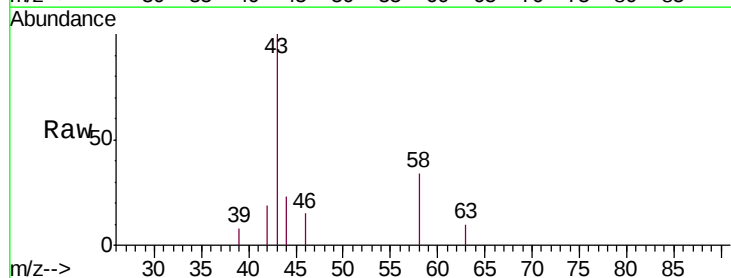
Instrument :
 MSVOA_U
 ClientSampled :
 BEE04

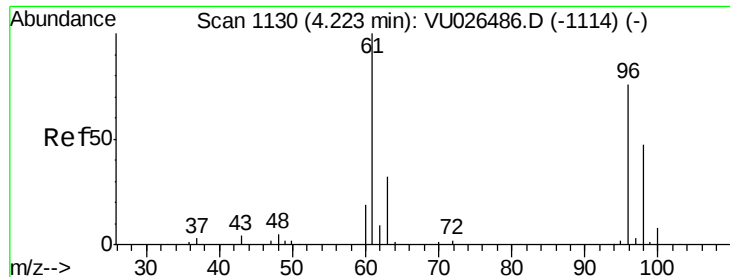
Tgt Ion: 62 Resp: 2895
 Ion Ratio Lower Upper
 62 100
 64 50.6 22.4 41.6#



#13
 Acetone
 Concen: 3.514 ug/L
 RT: 2.32 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: VU026512.D
 Acq: 31 Aug 2018 20:04

Tgt Ion: 43 Resp: 2146
 Ion Ratio Lower Upper
 43 100
 58 31.5 0.0 61.2





#20

cis-1,2-Dichloroethene

Concen: 30.119 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

BEE04

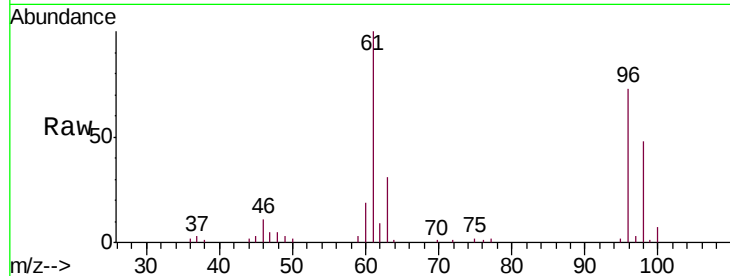
Tgt Ion: 96 Resp: 31954

Ion Ratio Lower Upper

96 100

61 136.5 91.6 170.2

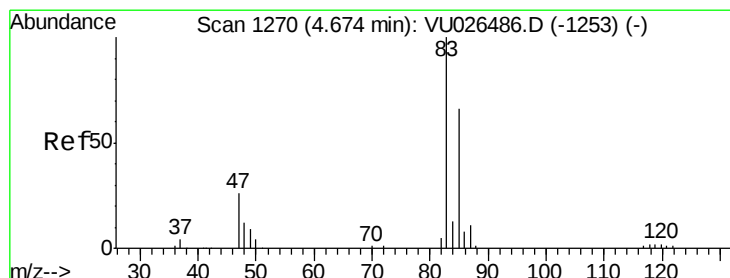
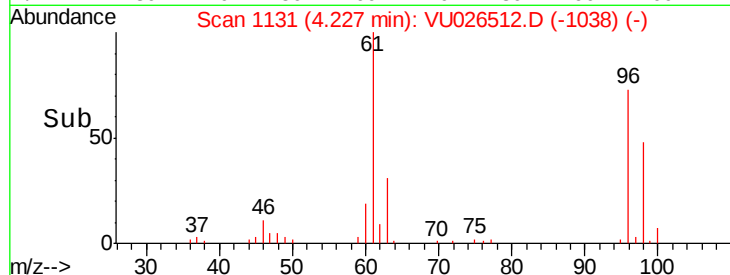
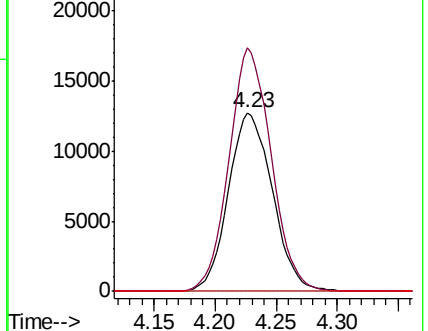
68 0.0 0.0 0.0



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



#25

Chloroform

Concen: 2.331 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026512.D

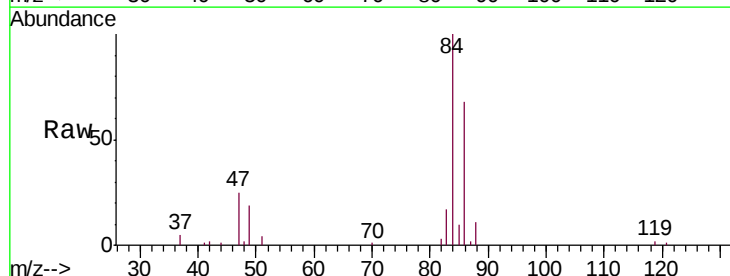
Acq: 31 Aug 2018 20:04

Tgt Ion: 83 Resp: 4429

Ion Ratio Lower Upper

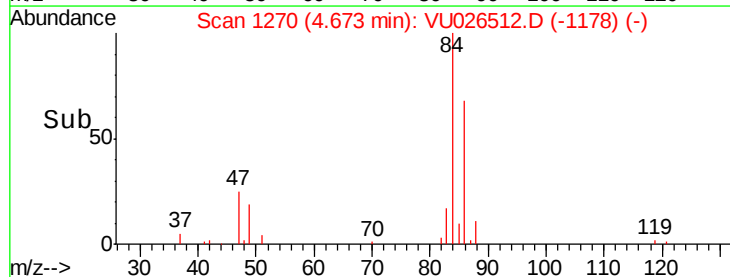
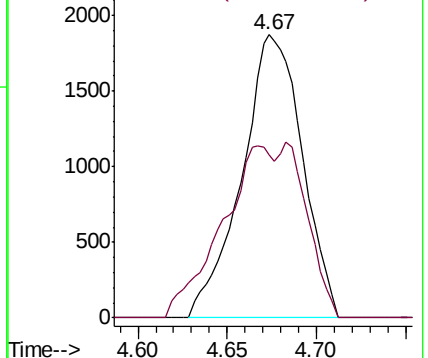
83 100

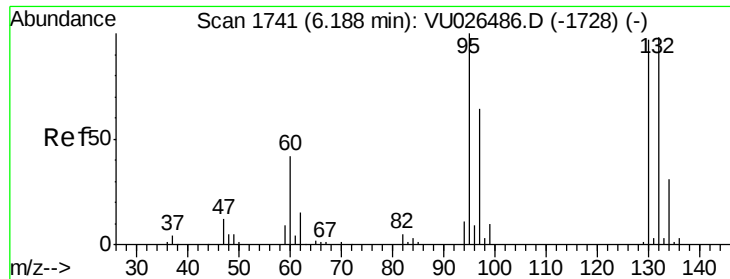
85 57.6 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 22.599 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

BEE04

Tgt Ion: 95 Resp: 22274

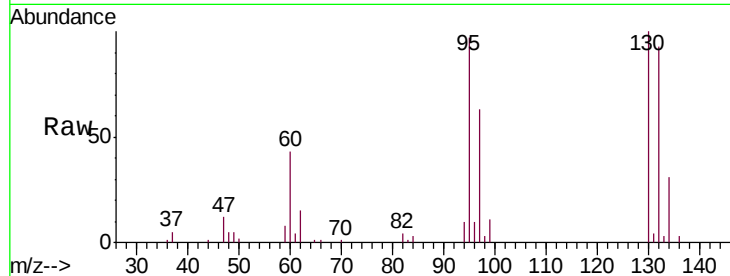
Ion Ratio Lower Upper

95 100

97 65.3 45.1 83.7

132 96.1 67.5 125.3

130 103.2 69.3 128.7

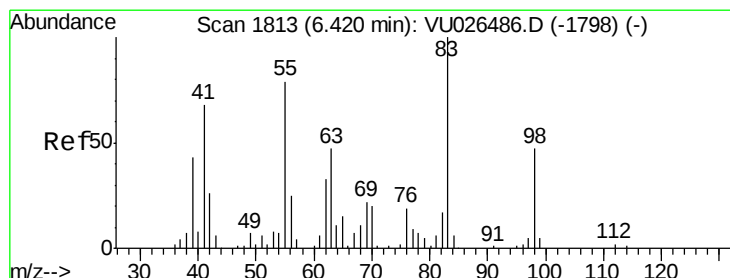
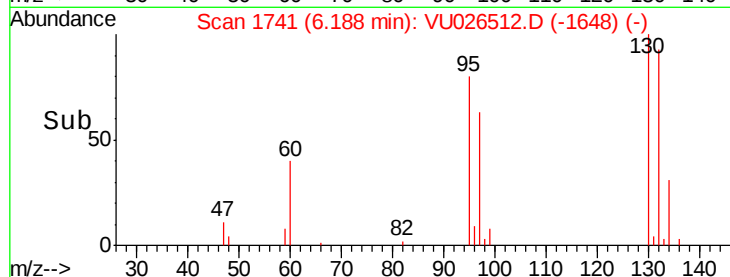
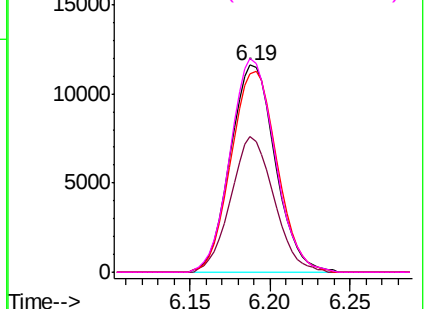


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 8.164 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

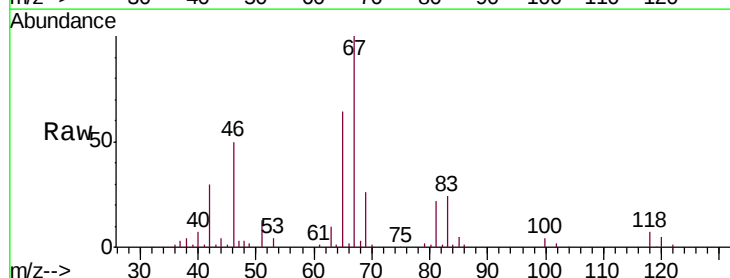
Tgt Ion: 83 Resp: 12564

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

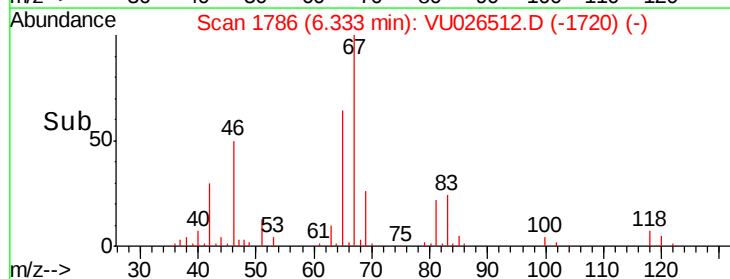
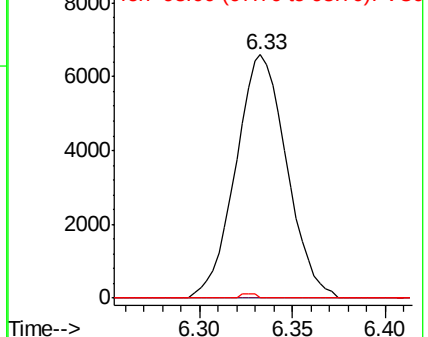
98 0.5 36.7 55.1#

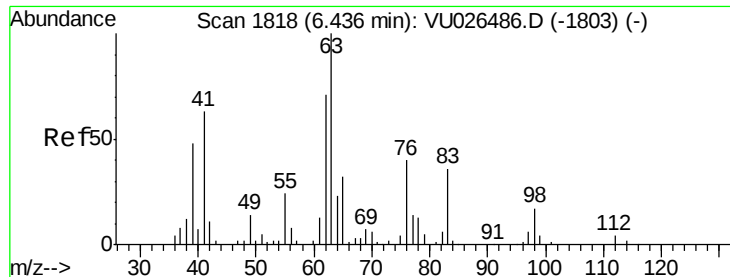


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

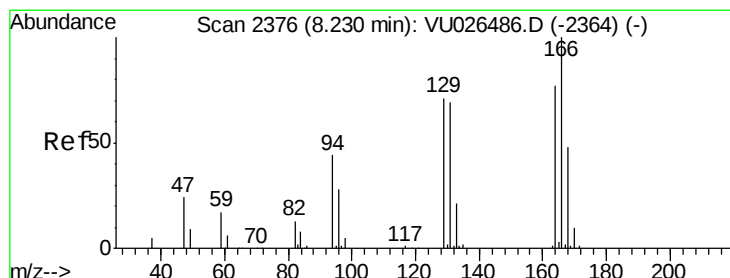
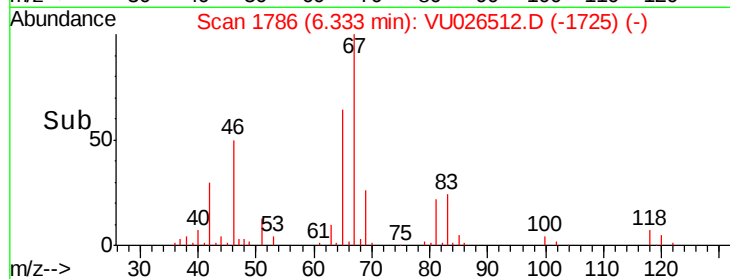
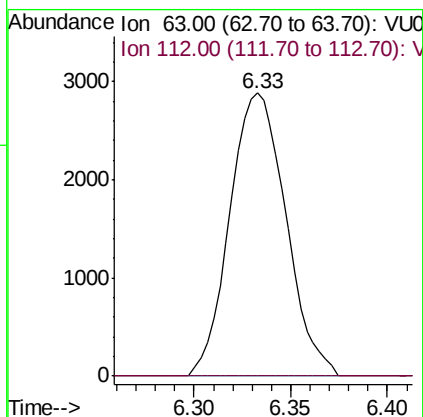
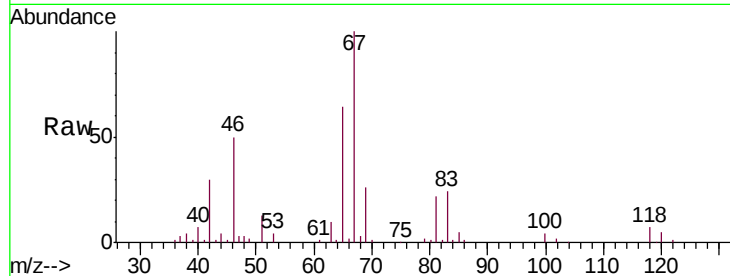




#37
 1,2-Dichloropropane
 Concen: 5.334 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026512.D
 Acq: 31 Aug 2018 20:04

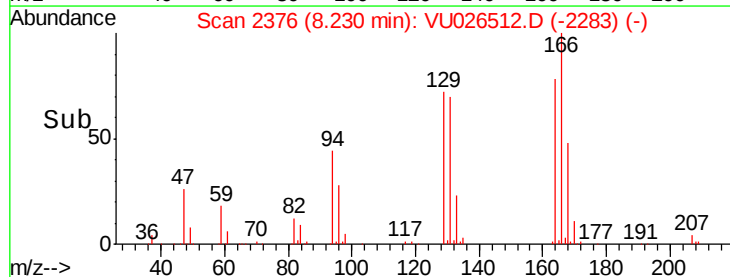
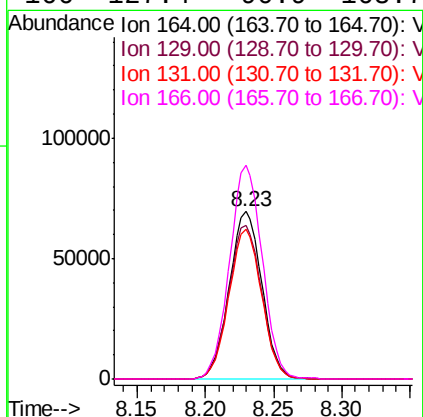
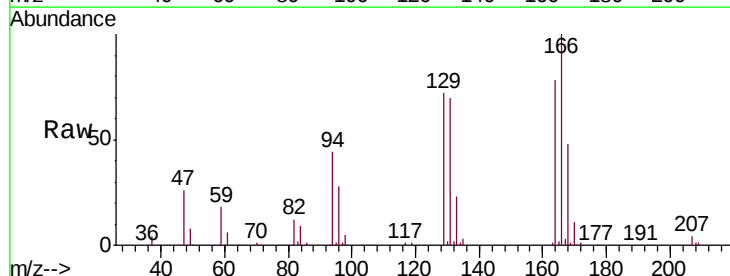
Instrument :
 MSVOA_U
 ClientSampleId :
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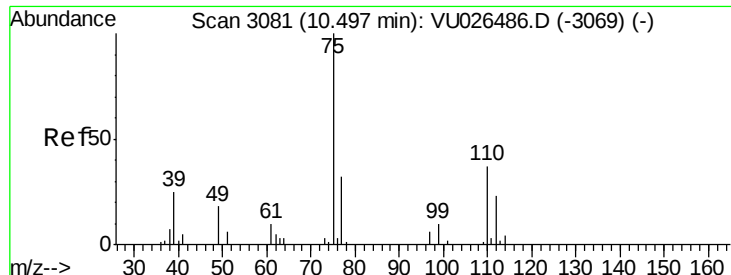
Tgt Ion: 63 Resp: 5803
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 144.085 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026512.D
 Acq: 31 Aug 2018 20:04

Tgt Ion: 164 Resp: 116108
 Ion Ratio Lower Upper
 164 100
 129 91.8 67.3 125.1
 131 89.3 65.3 121.3
 166 127.4 90.9 168.7





#59

1,2,3-Trichloropropane

Concen: 4.952 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026512.D

Acq: 31 Aug 2018 20:04

Instrument :

MSVOA_U

ClientSampleId :

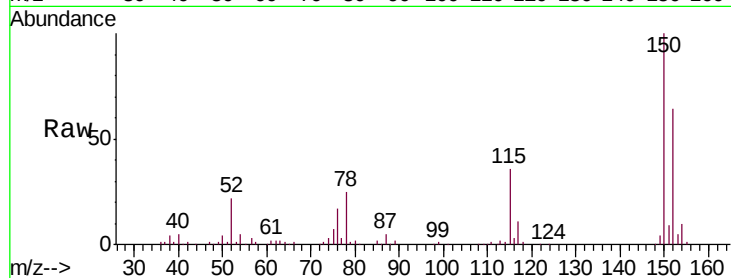
BEE04

Tgt Ion: 75 Resp: 6722

Ion Ratio Lower Upper

75 100

77 40.1 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

