

Data File : VU026534.D
Acq On : 05 Sep 2018 10:40
Operator : MD/SY
Sample : J4694-20DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE40DL

Quant Time: Sep 06 04:38:30 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161030	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150883	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62214	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37300	37.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.78%
7) Chloroethane-d5	1.68	69	37047	41.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.22%
11) 1,1-Dichloroethene-d2	2.27	63	59985	26.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.40%#
21) 2-Butanone-d5	4.18	46	77165	99.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.65%
24) Chloroform-d	4.65	84	81928	43.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.96%
26) 1,2-Dichloroethane-d4	5.31	65	58032	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	162545	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
36) 1,2-Dichloropropane-d6	6.33	67	58691	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.57	98	143064	42.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.24%
43) trans-1,3-Dichloropropene-	7.85	79	17740	32.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.04%
47) 2-Hexanone-d5	8.31	63	53748	98.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84114	47.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.58%
64) 1,2-Dichlorobenzene-d4	11.86	152	57896	51.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.58%

Target Compounds

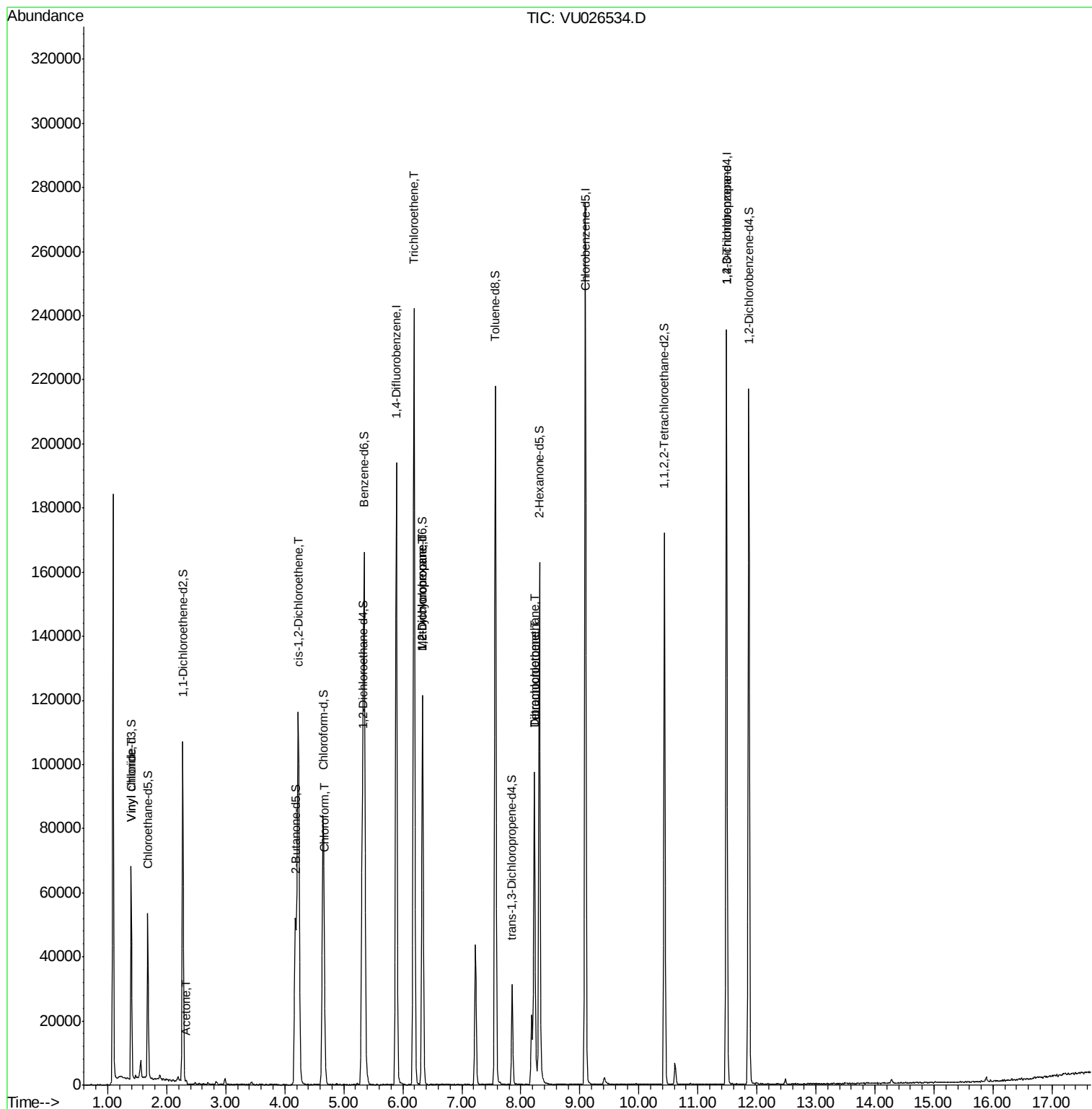
						Qvalue
5) Vinyl chloride	1.40	62	5245	3.121	ug/L	87
13) Acetone	2.32	43	925	1.380	ug/L	75
20) cis-1,2-Dichloroethene	4.23	96	64318	55.224	ug/L	100
25) Chloroform	4.67	83	5220	2.502	ug/L	97
34) Trichloroethene	6.19	95	83125	76.613	ug/L	97
35) Methylcyclohexane	6.33	83	13269	7.832	ug/L #	18
37) 1,2-Dichloropropane	6.34	63	6244	5.214	ug/L #	88
46) Tetrachloroethene	8.23	164	21553	24.297	ug/L	95
49) Dibromochloromethane	8.23	129	19107	15.458	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	7093	4.747	ug/L #	88

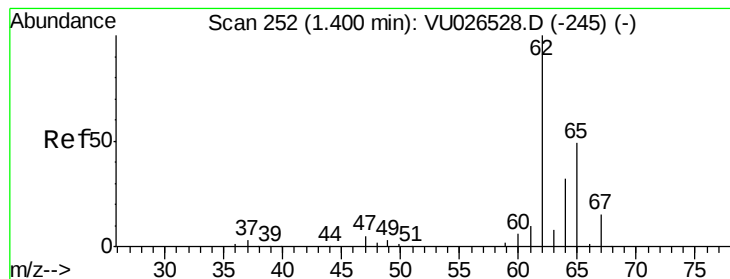
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.121 ug/L

RT: 1.40 min Scan# 252

Delta R.T. 0.00 min

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Acq: 05 Sep 2018 10:40

Instrument :

MSVOA_U

ClientSampleId :

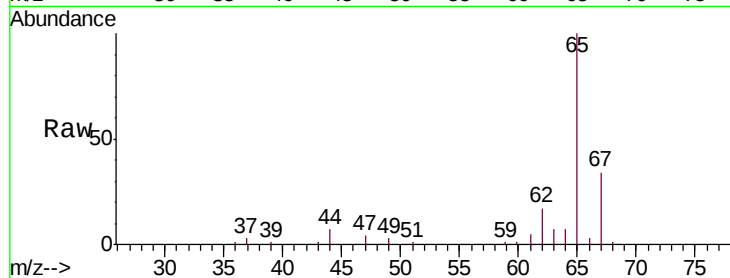
BEE40DL

Tgt Ion: 62 Resp: 5245

Ion Ratio Lower Upper

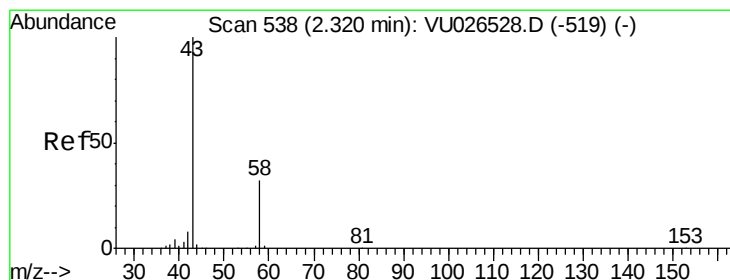
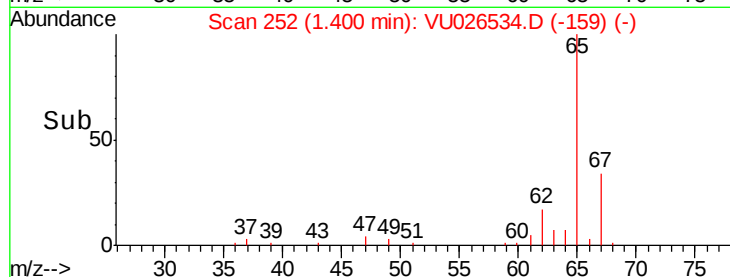
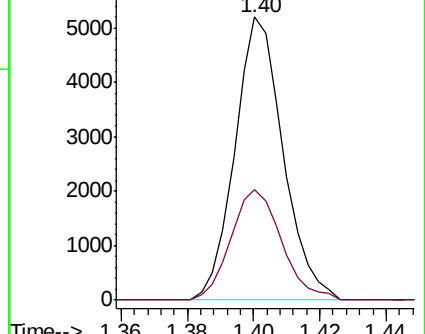
62 100

64 39.1 22.4 41.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0



#13

Acetone

Concen: 1.380 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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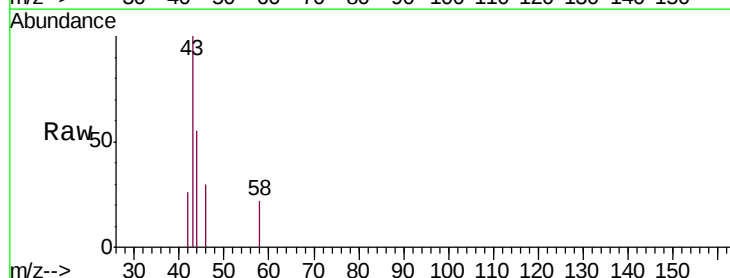
Acq: 05 Sep 2018 10:40

Tgt Ion: 43 Resp: 925

Ion Ratio Lower Upper

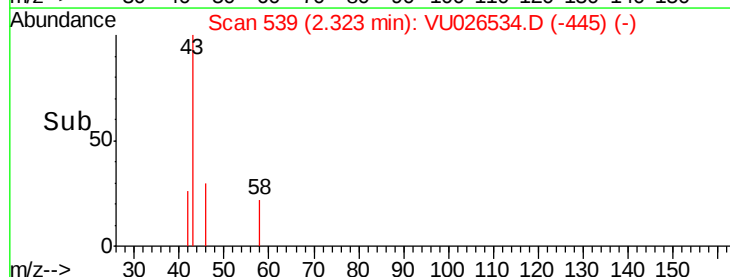
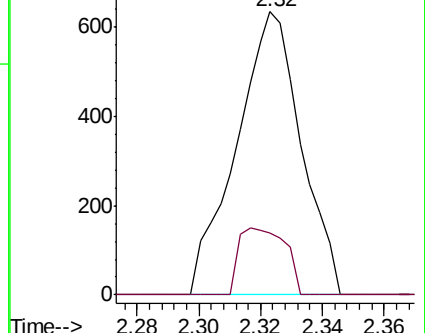
43 100

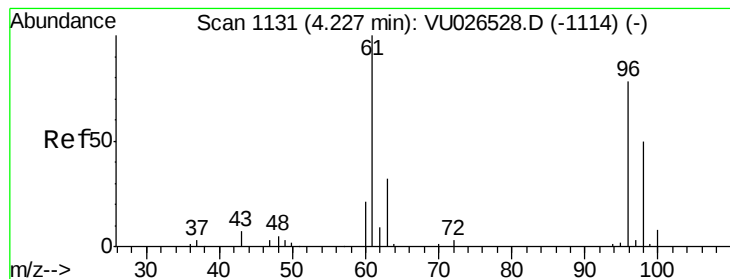
58 16.8 0.0 61.2



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: 55.224 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

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BEE40DL

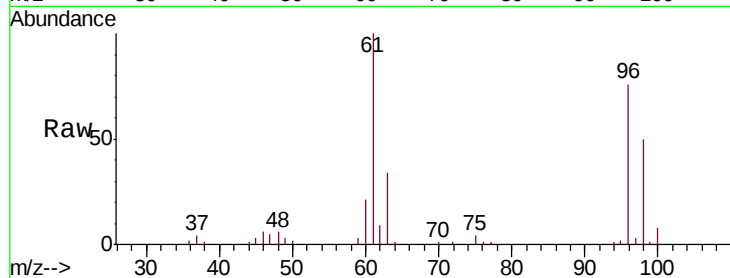
Tgt Ion: 96 Resp: 64318

Ion Ratio Lower Upper

96 100

61 131.0 91.6 170.2

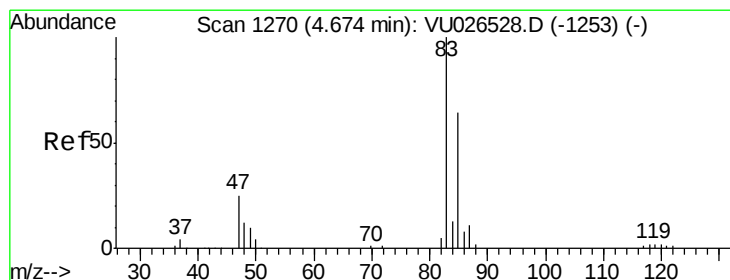
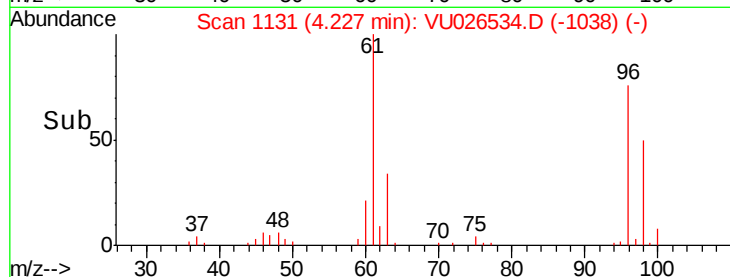
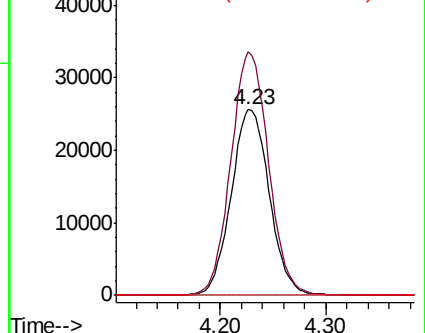
68 0.0 0.0 0.0



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: 2.502 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VU026534.D

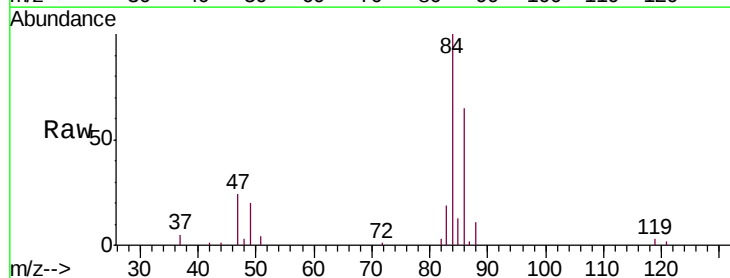
Acq: 05 Sep 2018 10:40

Tgt Ion: 83 Resp: 5220

Ion Ratio Lower Upper

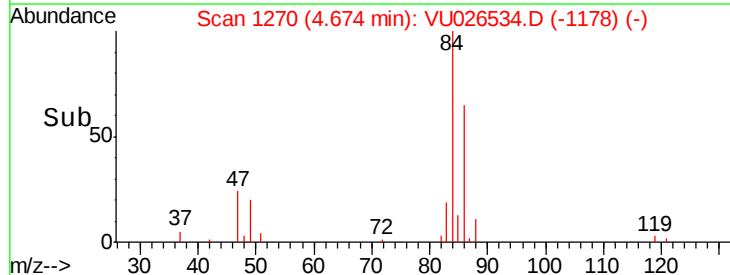
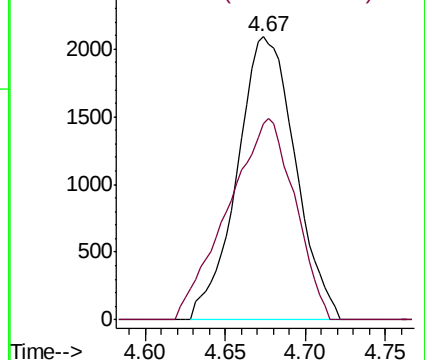
83 100

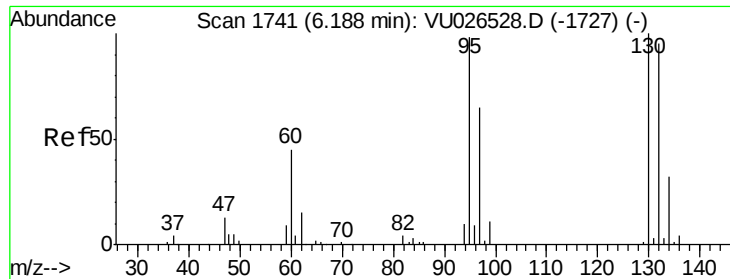
85 69.2 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 76.613 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

Instrument :

MSVOA_U

ClientSampleId :

BEE40DL

Tgt Ion: 95 Resp: 83125

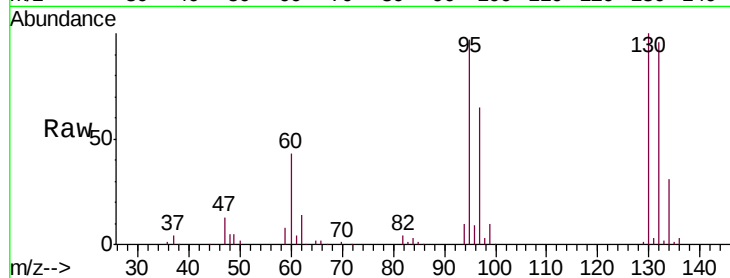
Ion Ratio Lower Upper

95 100

97 66.7 45.1 83.7

132 98.3 67.5 125.3

130 102.7 69.3 128.7

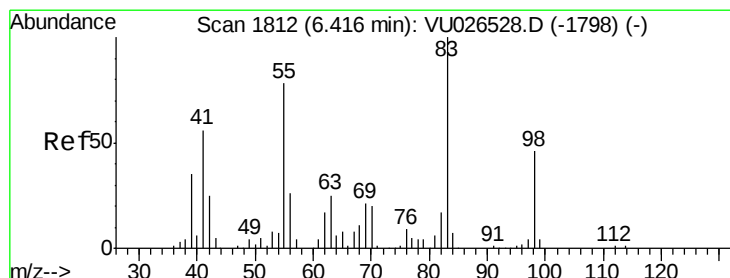
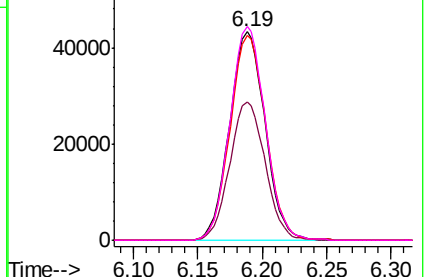
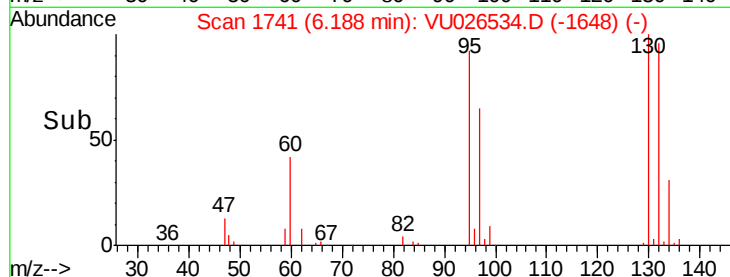


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 7.832 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026534.D

Acq: 05 Sep 2018 10:40

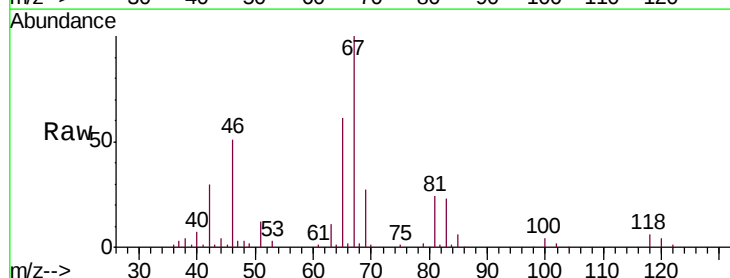
Tgt Ion: 83 Resp: 13269

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

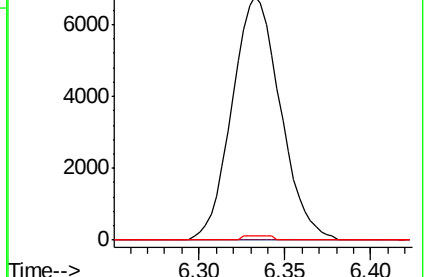
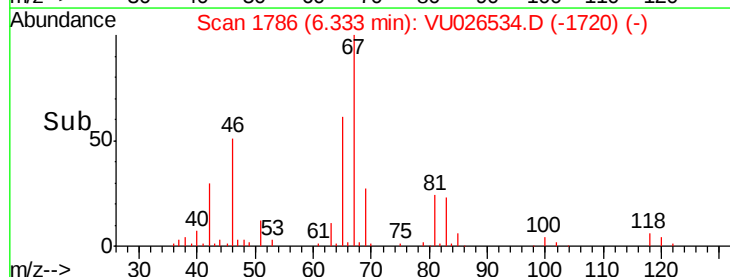
98 0.6 36.7 55.1#

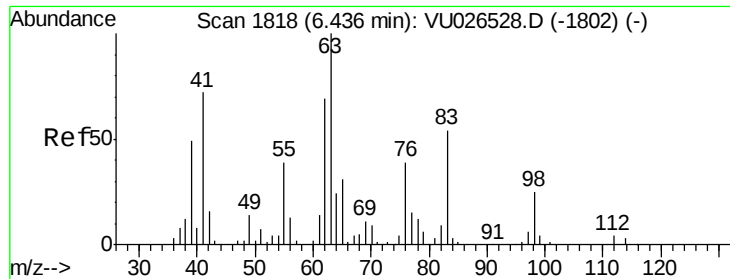


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

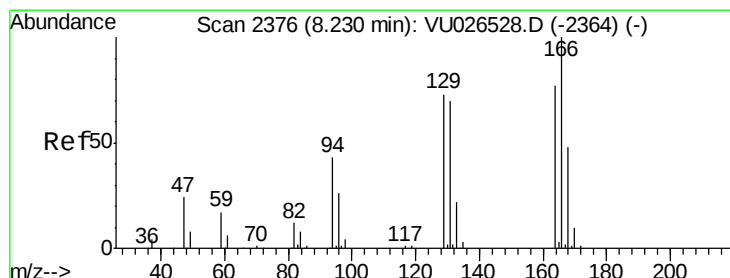
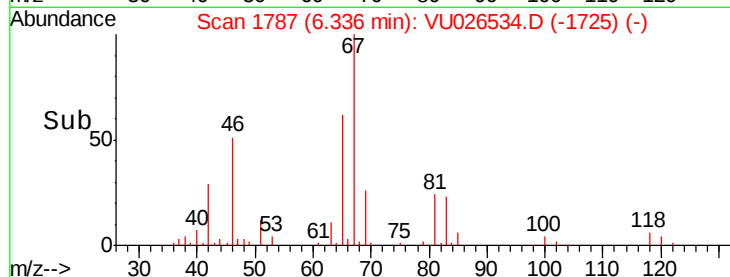
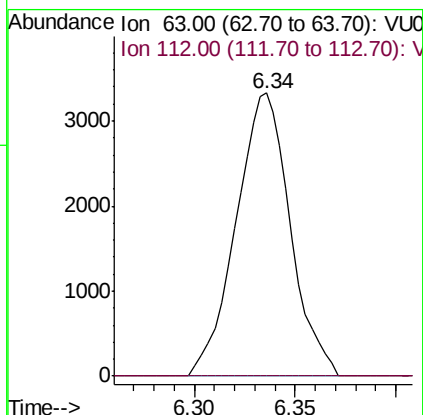
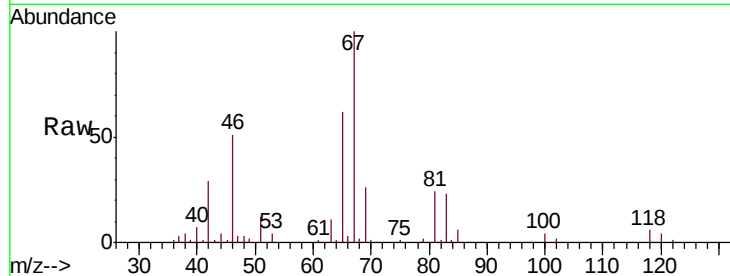




#37
 1,2-Dichloropropane
 Concen: 5.214 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026534.D
 Acq: 05 Sep 2018 10:40

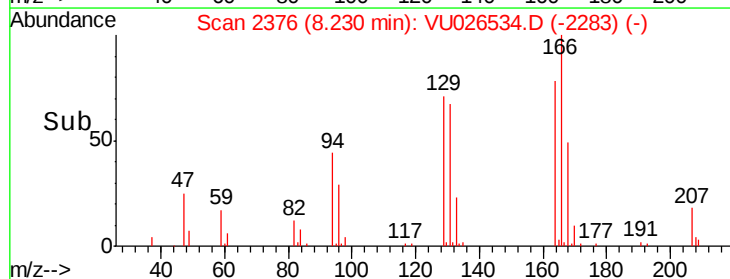
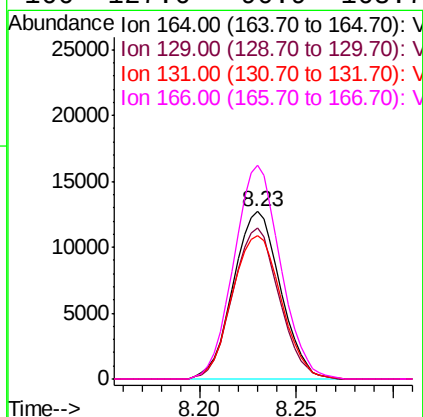
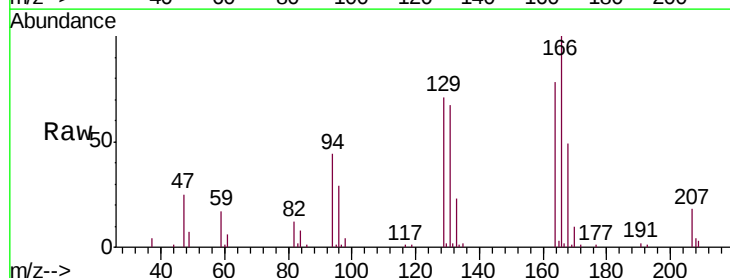
Instrument :
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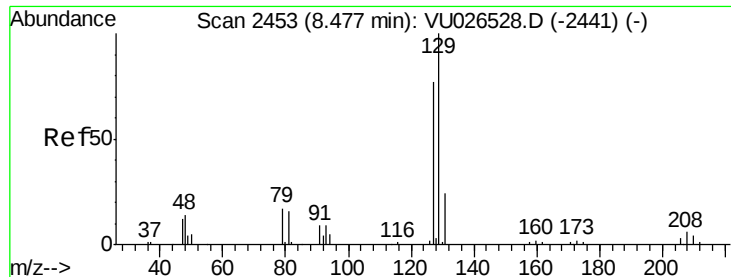
Tgt Ion: 63 Resp: 6244
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 24.297 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026534.D
 Acq: 05 Sep 2018 10:40

Tgt Ion: 164 Resp: 21553
 Ion Ratio Lower Upper
 164 100
 129 90.1 67.3 125.1
 131 85.4 65.3 121.3
 166 127.6 90.9 168.7

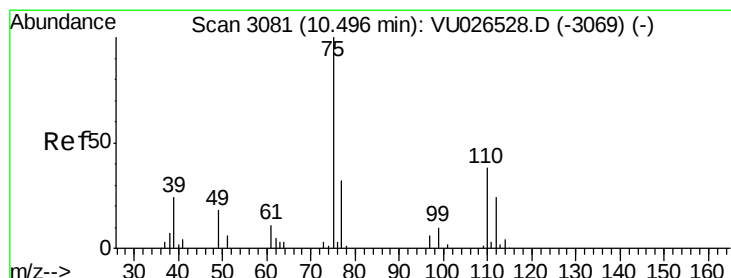
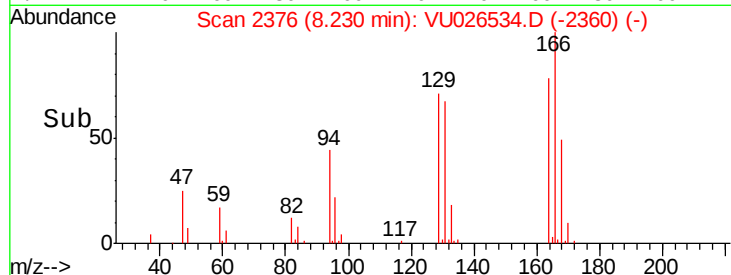
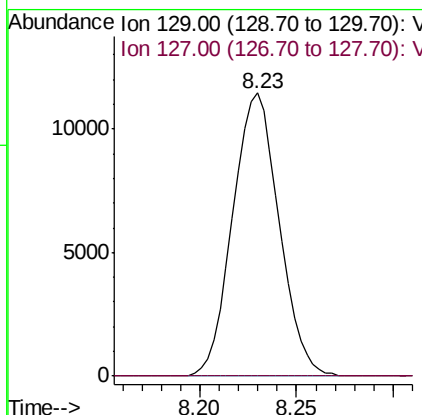
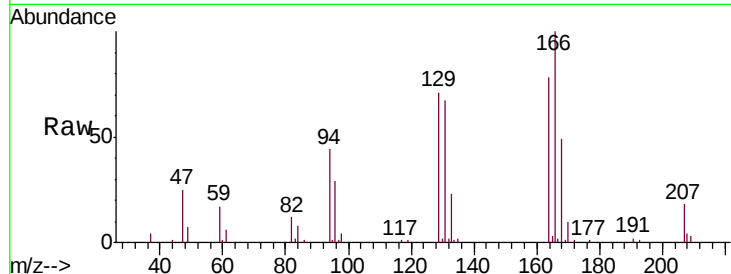




#49
 Dibromochloromethane
 Concen: 15.458 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026534.D
 Acq: 05 Sep 2018 10:40

Instrument :
 MSVOA_U
 ClientSampleId :
 BEE40DL

Tgt Ion:129 Resp: 19107
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.747 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026534.D
 Acq: 05 Sep 2018 10:40

Tgt Ion: 75 Resp: 7093
 Ion Ratio Lower Upper
 75 100
 77 37.7 25.0 37.6#

