

Data File : VU026507.D
Acq On : 31 Aug 2018 18:08
Operator : MD/SY
Sample : J4691-10DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE07DL

Quant Time: Sep 01 01:05:35 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	145980	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137019	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	58498	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37463	41.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.84%
7) Chloroethane-d5	1.68	69	36780	45.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.06%
11) 1,1-Dichloroethene-d2	2.27	63	61738	30.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.62%
21) 2-Butanone-d5	4.18	46	71497	101.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.85%
24) Chloroform-d	4.65	84	71053	41.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.18%
26) 1,2-Dichloroethane-d4	5.31	65	55521	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
32) Benzene-d6	5.35	84	157957	50.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.04%
36) 1,2-Dichloropropane-d6	6.33	67	55532	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.38%
41) Toluene-d8	7.57	98	141312	46.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.70%
43) trans-1,3-Dichloropropene-	7.85	79	23990	48.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.84%
47) 2-Hexanone-d5	8.31	63	52443	105.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79534	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	58662	55.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.54%

Target Compounds

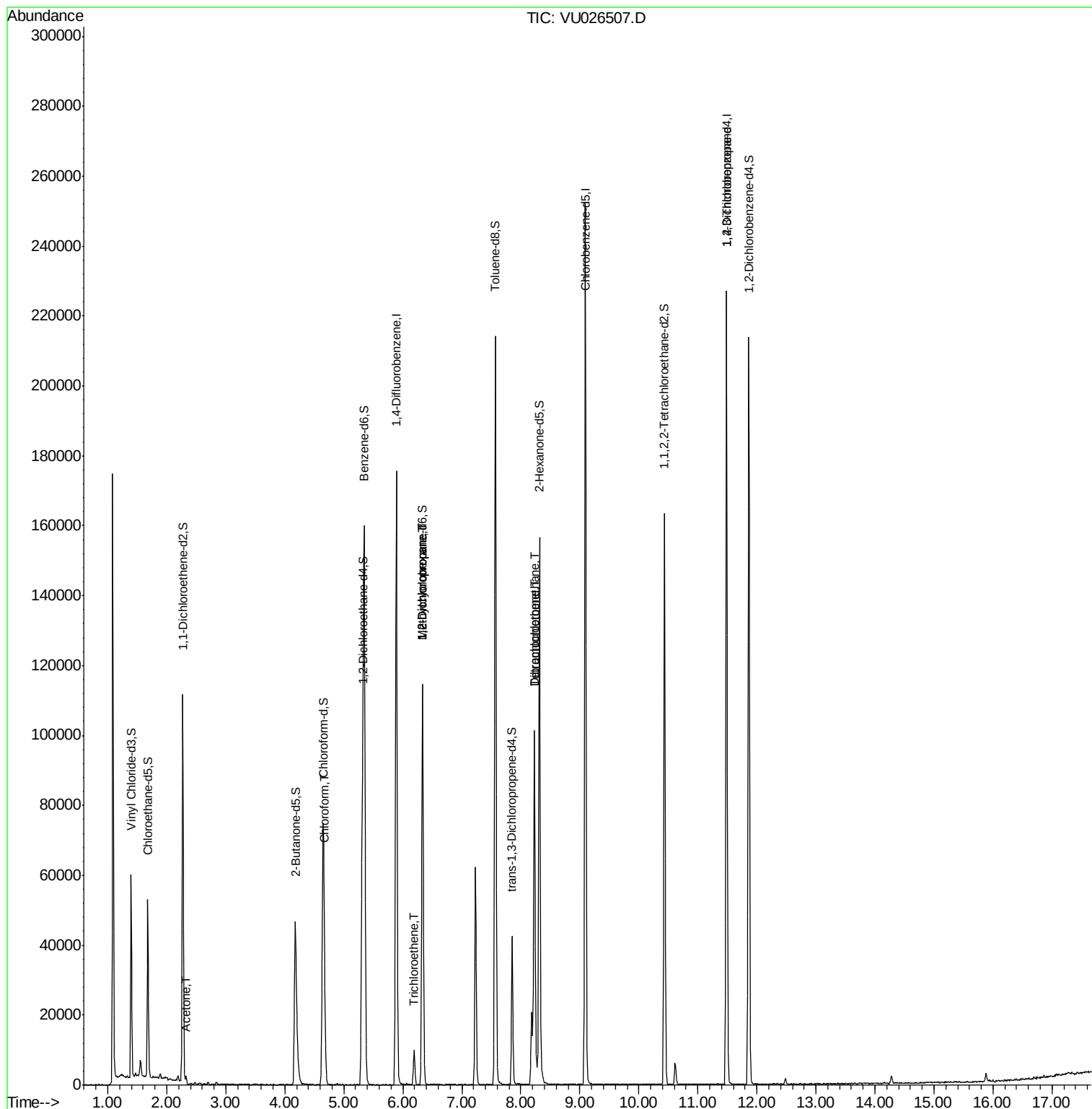
					Qvalue
13) Acetone	2.32	43	1855	3.052 ug/L	90
25) Chloroform	4.67	83	11065	5.851 ug/L	99
34) Trichloroethene	6.19	95	3620	3.674 ug/L	95
35) Methylcyclohexane	6.33	83	12479	8.111 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5883	5.410 ug/L #	88
46) Tetrachloroethene	8.23	164	21827	27.095 ug/L	96
49) Dibromochloromethane	8.23	129	19481	17.355 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6686	4.927 ug/L	90

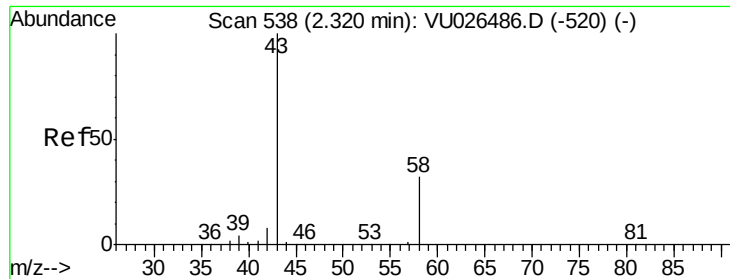
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.052 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

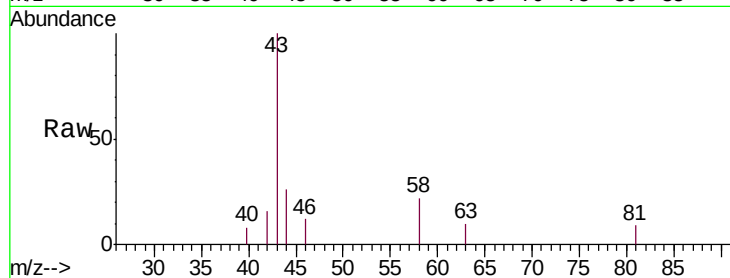
BEE07DL

Tgt Ion: 43 Resp: 1855

Ion Ratio Lower Upper

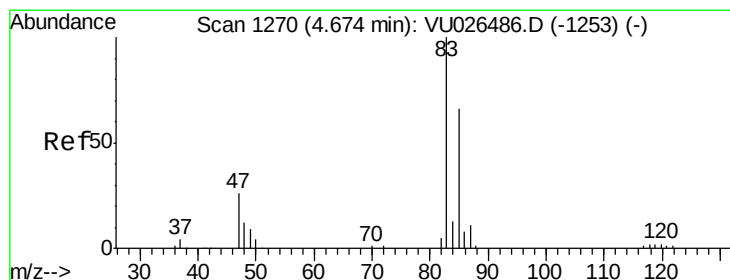
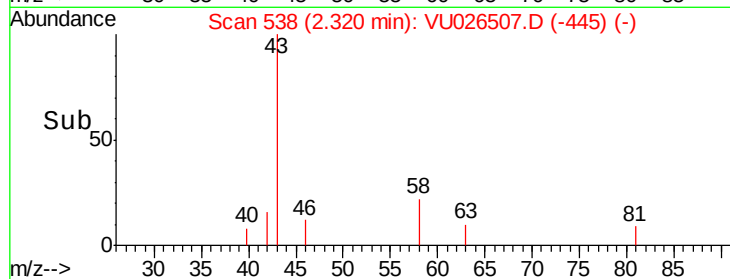
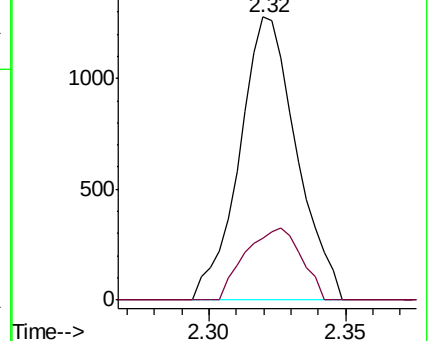
43 100

58 24.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#25

Chloroform

Concen: 5.851 ug/L

RT: 4.67 min Scan# 1270

Delta R.T. -0.00 min

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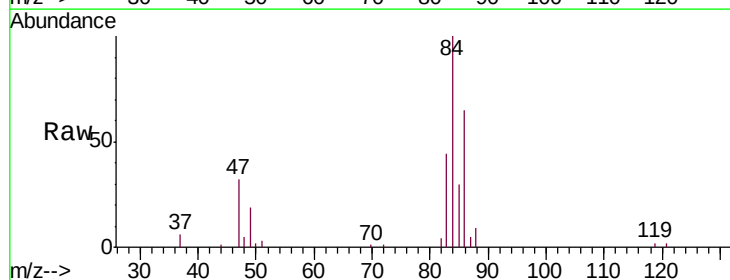
Acq: 31 Aug 2018 18:08

Tgt Ion: 83 Resp: 11065

Ion Ratio Lower Upper

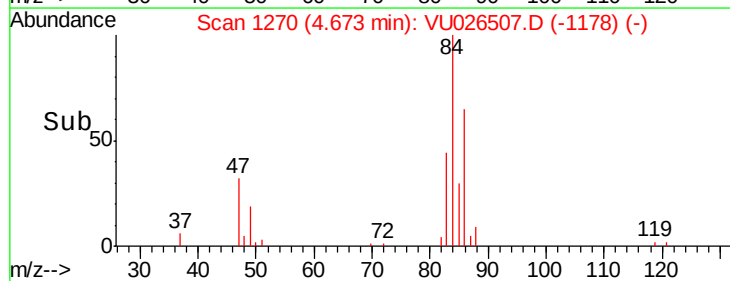
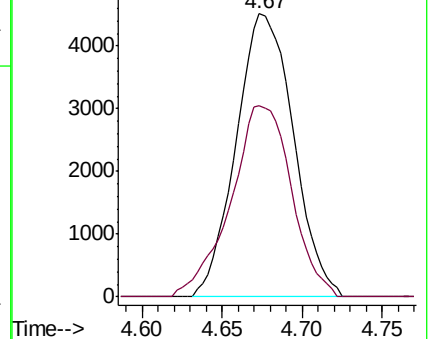
83 100

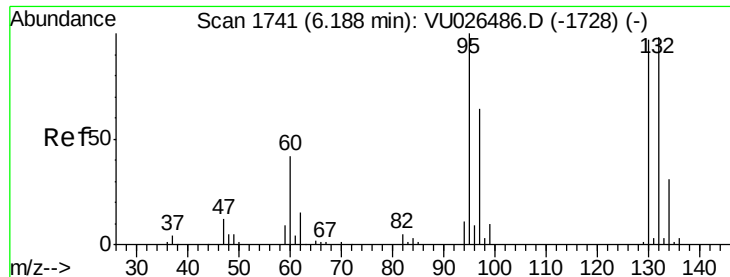
85 67.7 46.5 86.5



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.674 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

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Acq: 31 Aug 2018 18:08

Instrument :

MSVOA_U

ClientSampleId :

BEE07DL

Tgt Ion: 95 Resp: 3620

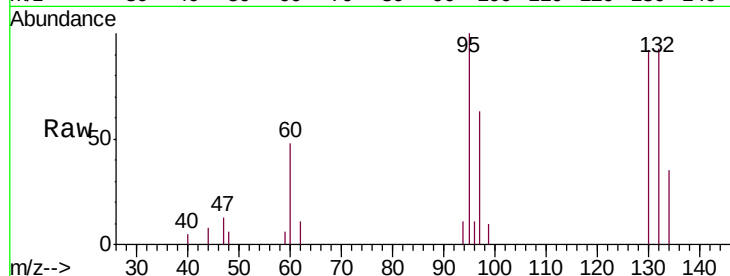
Ion Ratio Lower Upper

95 100

97 63.1 45.1 83.7

132 92.6 67.5 125.3

130 91.6 69.3 128.7

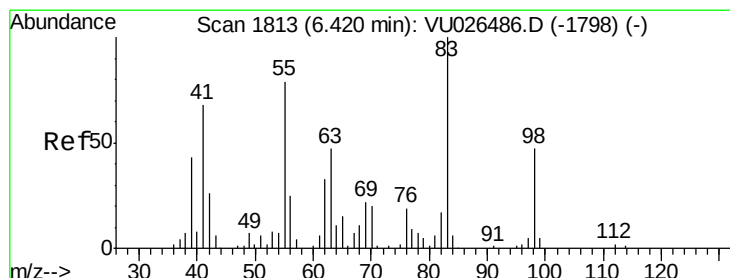
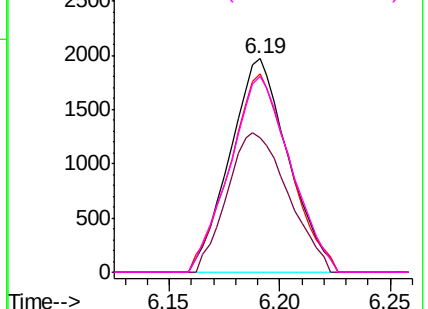
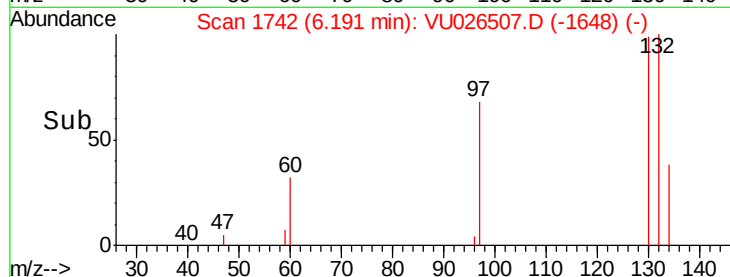


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 8.111 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026507.D

Acq: 31 Aug 2018 18:08

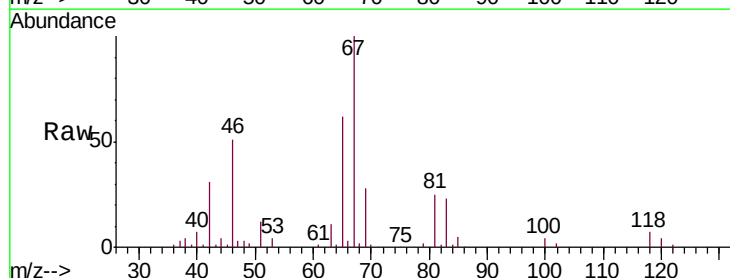
Tgt Ion: 83 Resp: 12479

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

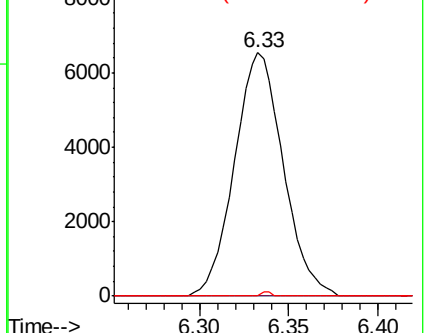
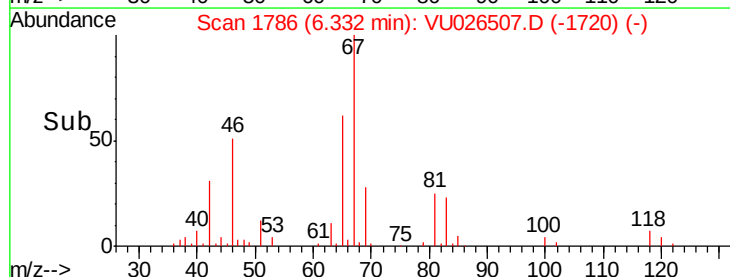
98 0.3 36.7 55.1#

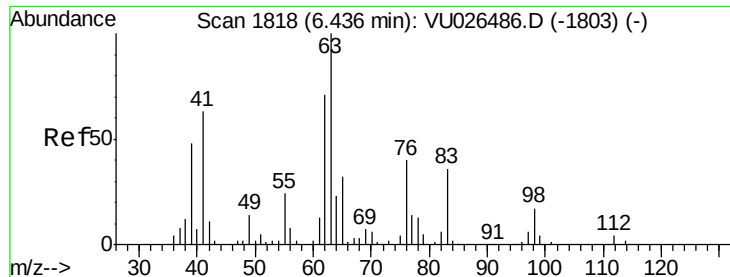


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

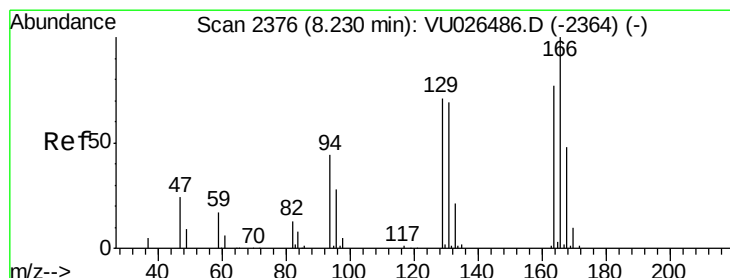
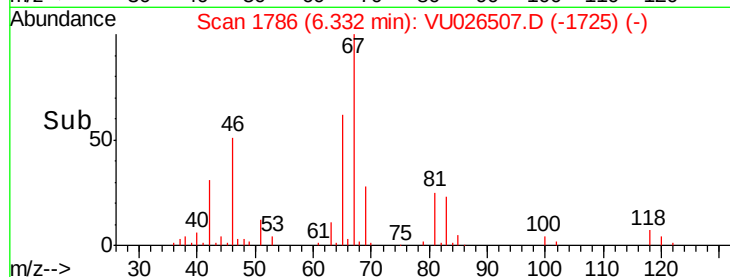
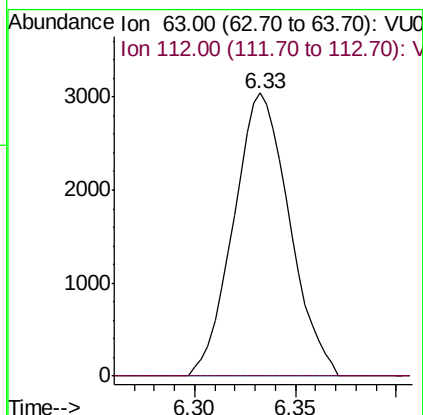
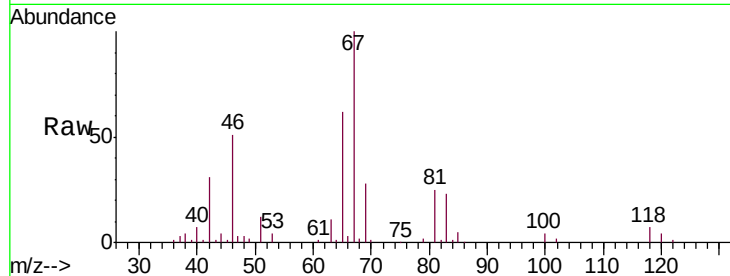




#37
 1,2-Dichloropropane
 Concen: 5.410 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026507.D
 Acq: 31 Aug 2018 18:08

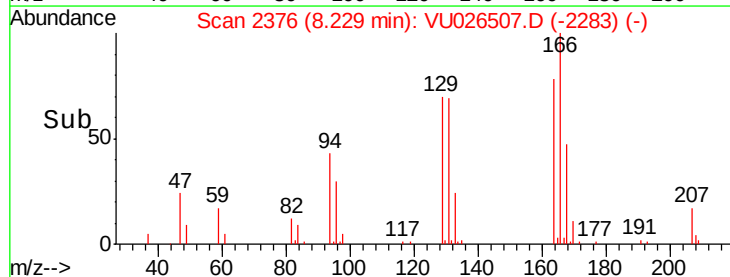
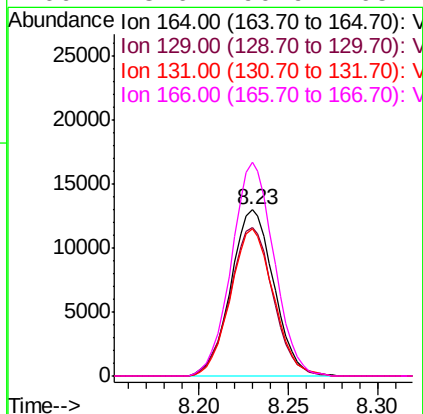
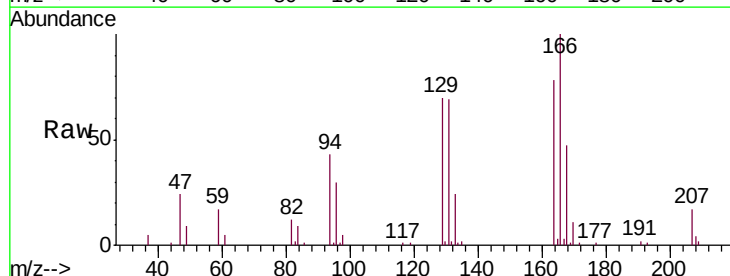
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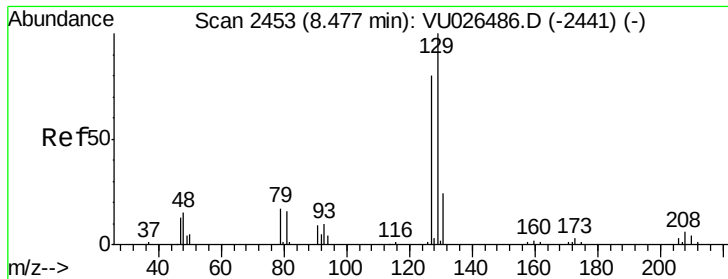
Tgt Ion: 63 Resp: 5883
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 27.095 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026507.D
 Acq: 31 Aug 2018 18:08

Tgt Ion: 164 Resp: 21827
 Ion Ratio Lower Upper
 164 100
 129 89.7 67.3 125.1
 131 88.3 65.3 121.3
 166 128.6 90.9 168.7

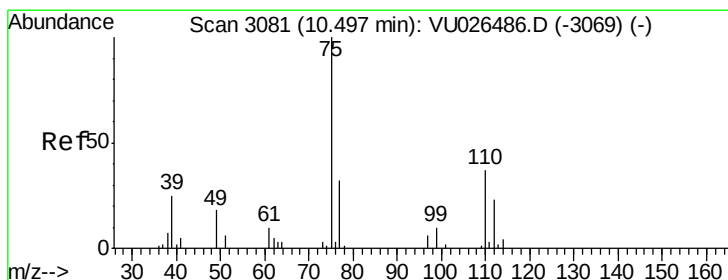
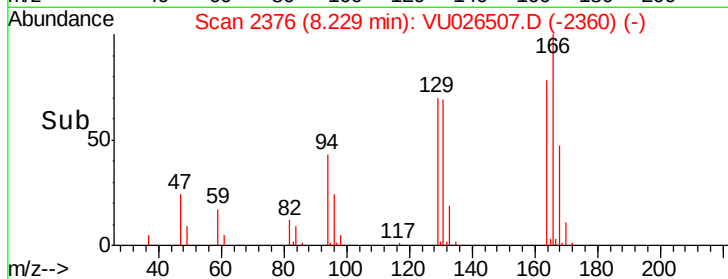
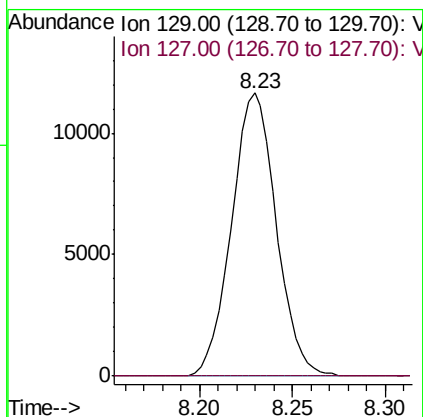
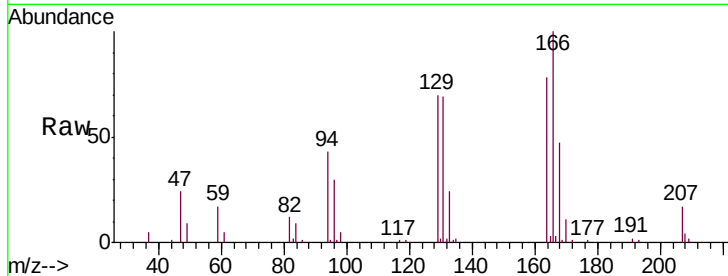




#49
 Dibromochloromethane
 Concen: 17.355 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026507.D
 Acq: 31 Aug 2018 18:08

Instrument :
 MSVOA_U
 ClientSampled :
 BEE07DL

Tgt Ion:129 Resp: 19481
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.927 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026507.D
 Acq: 31 Aug 2018 18:08

Tgt Ion: 75 Resp: 6686
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.0 37.6

