

Data File : VU026538.D
Acq On : 05 Sep 2018 12:12
Operator : MD/SY
Sample : J4694-01DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE18

Quant Time: Sep 06 04:39:04 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	182203	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	172538	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73887	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53509	47.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.80%
7) Chloroethane-d5	1.68	69	50214	49.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.50%
11) 1,1-Dichloroethene-d2	2.27	63	72163	28.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.76%#
21) 2-Butanone-d5	4.18	46	103735	118.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.40%
24) Chloroform-d	4.65	84	104023	48.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.58%
26) 1,2-Dichloroethane-d4	5.31	65	71631	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.92%
32) Benzene-d6	5.34	84	196118	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.64%
36) 1,2-Dichloropropane-d6	6.33	67	71774	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.08%
41) Toluene-d8	7.57	98	168979	44.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.04%
43) trans-1,3-Dichloropropene-	7.85	79	30093	48.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.48%
47) 2-Hexanone-d5	8.31	63	78668	125.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.56%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103575	51.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	70071	52.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.54%

Target Compounds

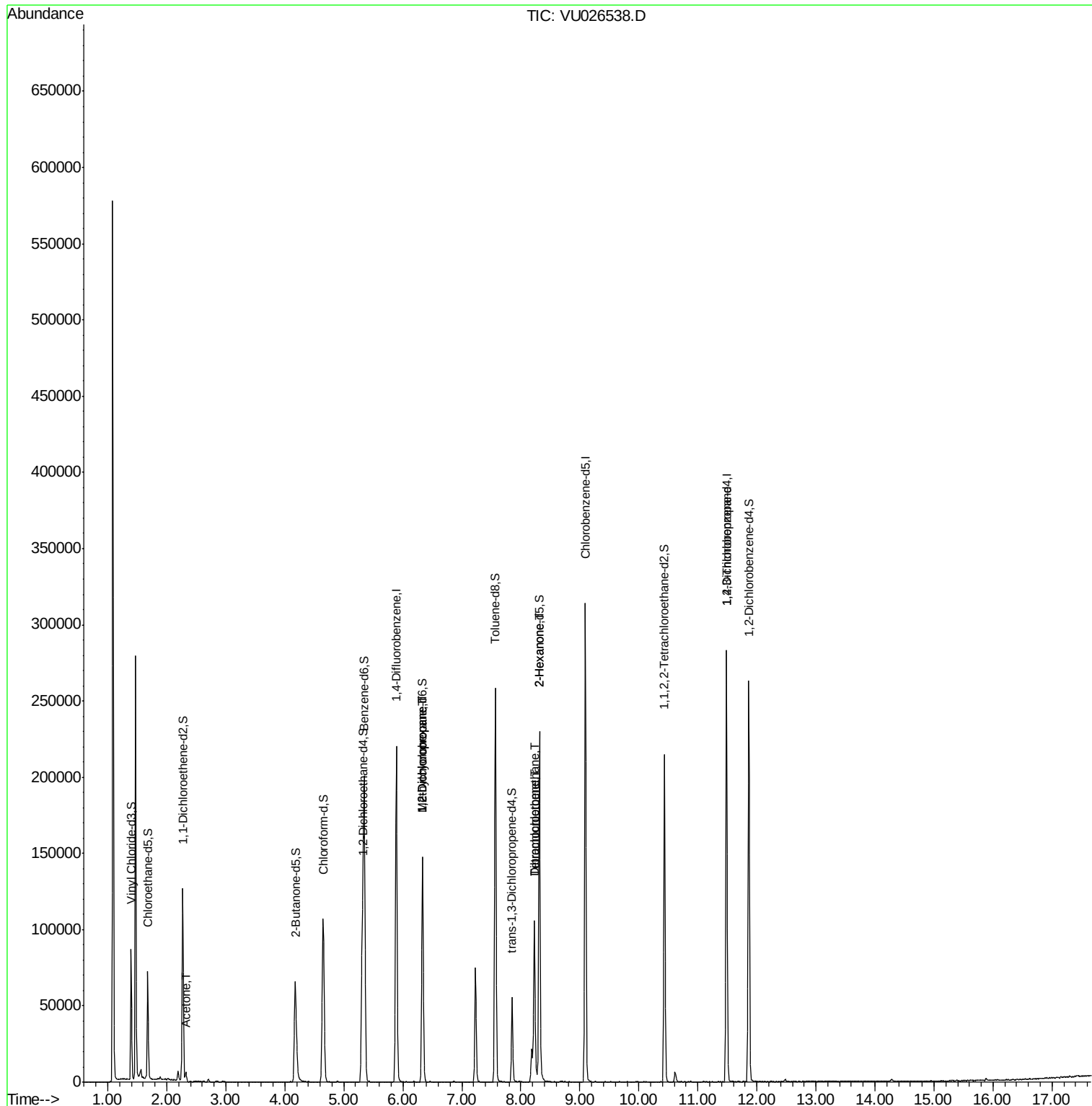
					Qvalue
13) Acetone	2.32	43	5554	7.321 ug/L	97
35) Methylcyclohexane	6.33	83	16066	8.293 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	7324	5.348 ug/L #	88
46) Tetrachloroethene	8.23	164	21807	21.498 ug/L	98
48) 2-Hexanone	8.31	43	9318	6.406 ug/L #	68
49) Dibromochloromethane	8.23	129	20947	14.819 ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	8544	5.000 ug/L #	88

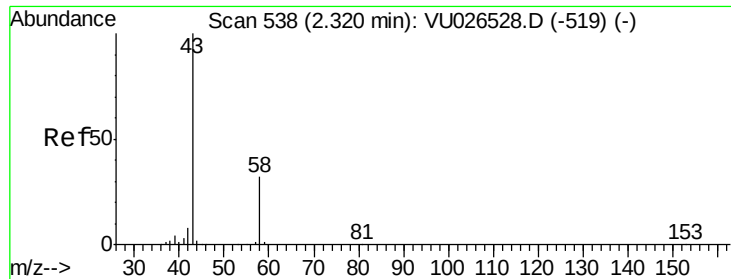
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 04:37:37 2018
Response via : Initial Calibration





#13

Acetone

Concen: 7.321 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026538.D

Acq: 05 Sep 2018 12:12

Instrument :

MSVOA_U

ClientSampleId :

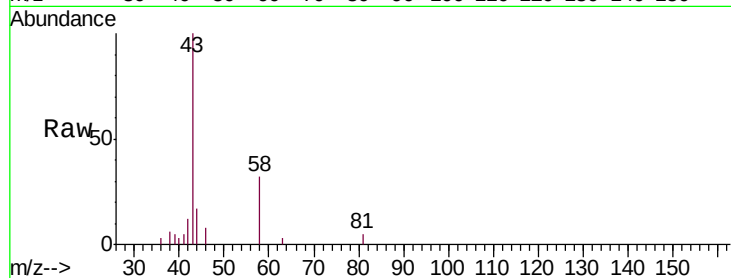
BEE18

Tgt Ion: 43 Resp: 5554

Ion Ratio Lower Upper

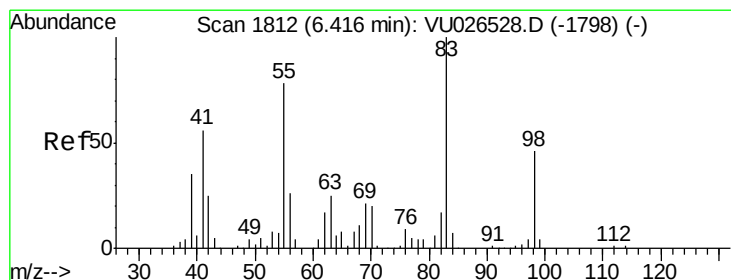
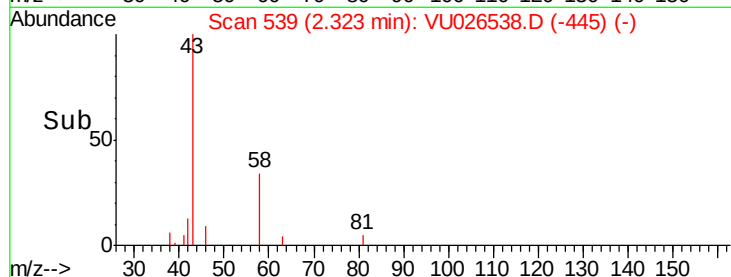
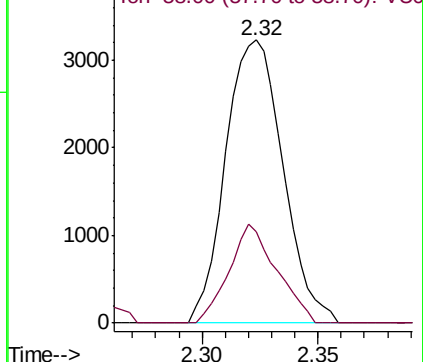
43 100

58 28.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 8.293 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026538.D

Acq: 05 Sep 2018 12:12

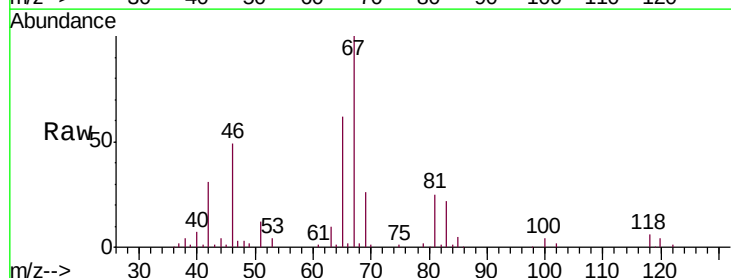
Tgt Ion: 83 Resp: 16066

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

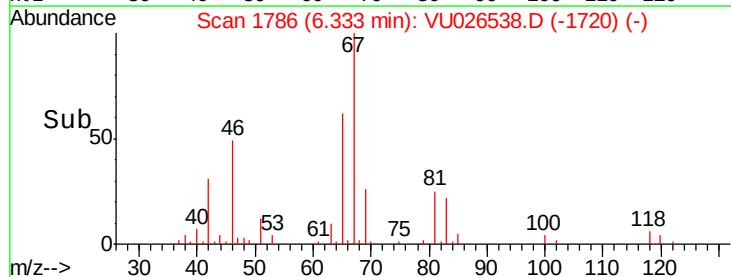
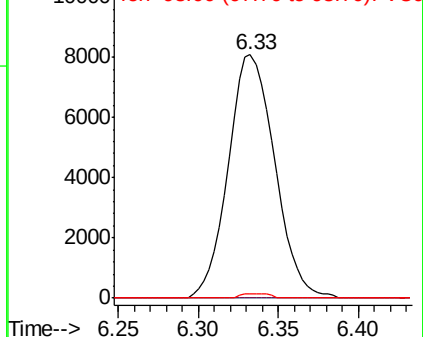
98 1.0 36.7 55.1#

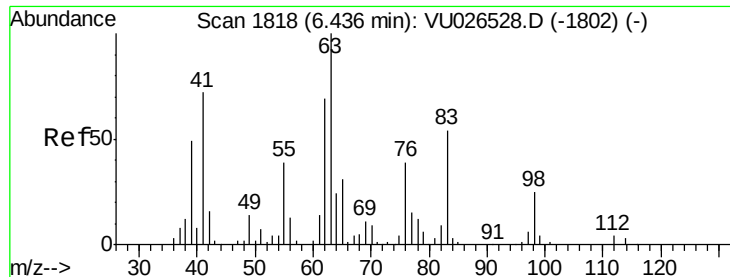


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

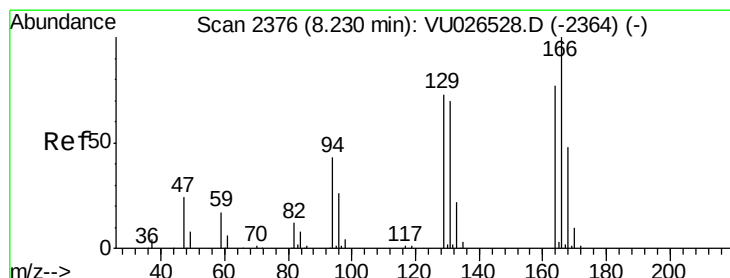
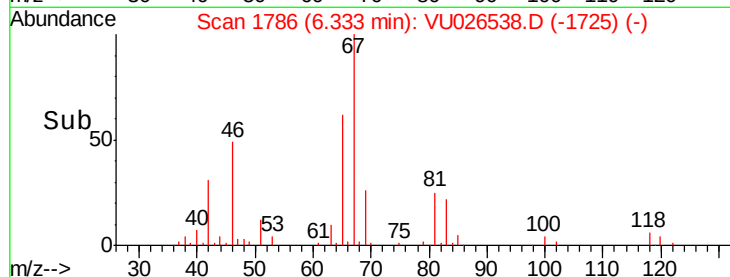
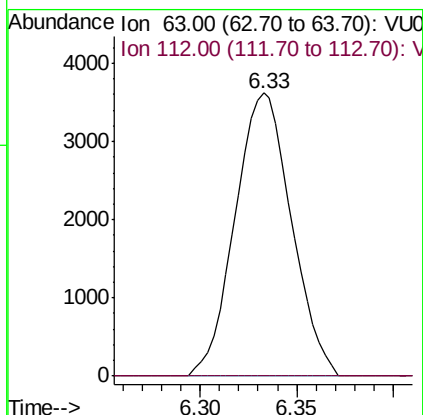
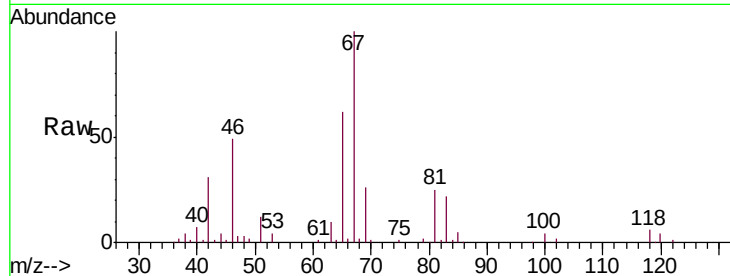




#37
 1,2-Dichloropropane
 Concen: 5.348 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026538.D
 Acq: 05 Sep 2018 12:12

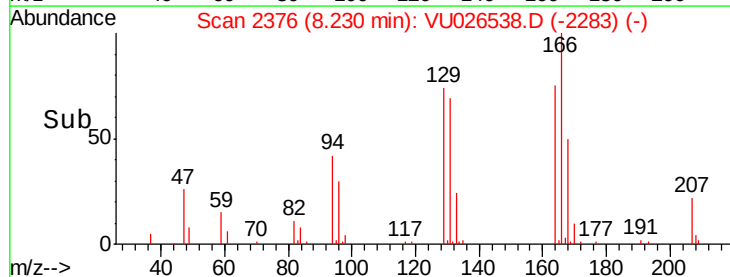
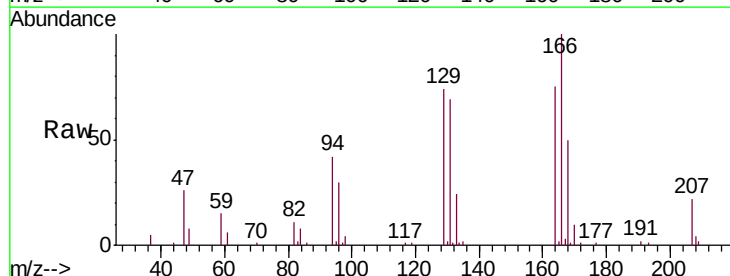
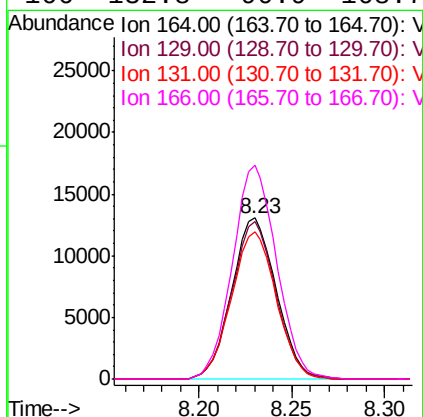
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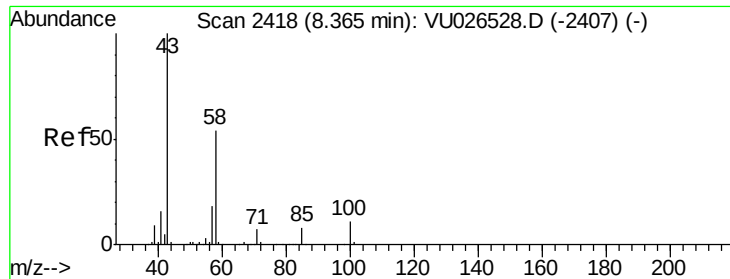
Tgt Ion: 63 Resp: 7324
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 21.498 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026538.D
 Acq: 05 Sep 2018 12:12

Tgt Ion: 164 Resp: 21807
 Ion Ratio Lower Upper
 164 100
 129 97.8 67.3 125.1
 131 91.7 65.3 121.3
 166 132.8 90.9 168.7

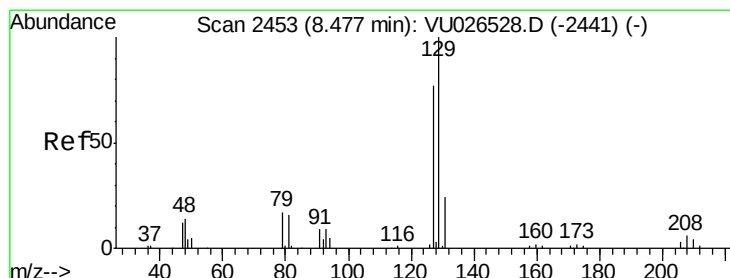
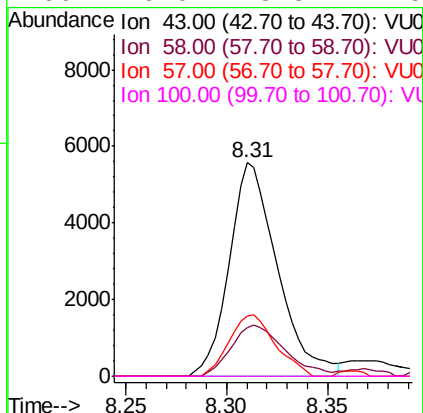
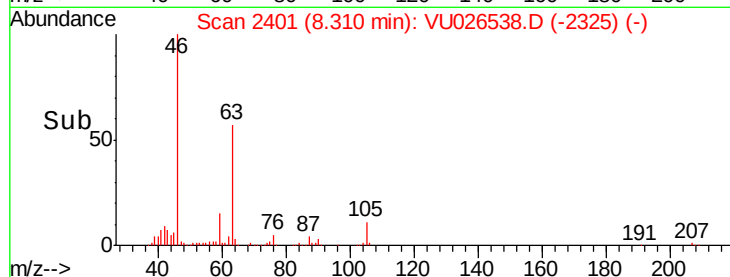
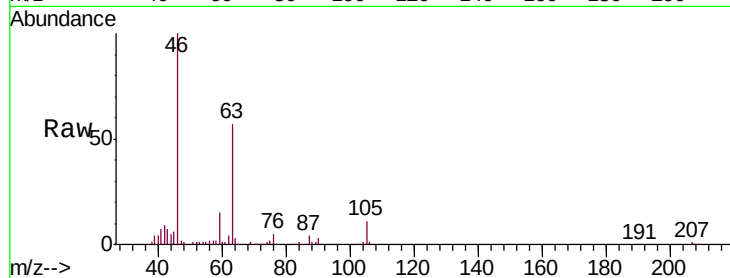




#48
2-Hexanone
Concen: 6.406 ug/L
RT: 8.31 min Scan# 2401
Delta R.T. -0.05 min
Lab File: VU026538.D
Acq: 05 Sep 2018 12:12

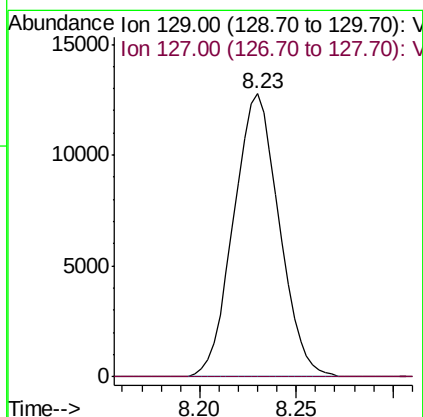
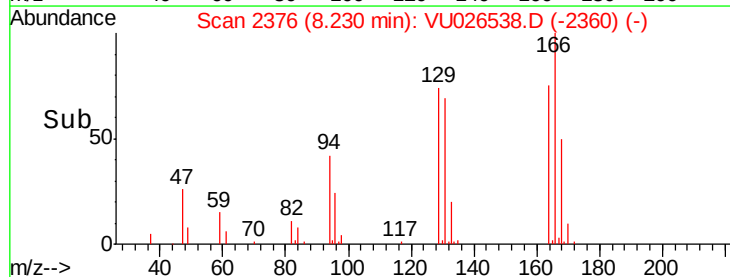
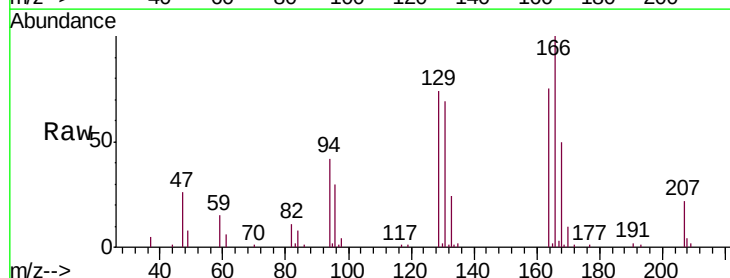
Instrument :
MSVOA_U
ClientSampleId :
BEE18

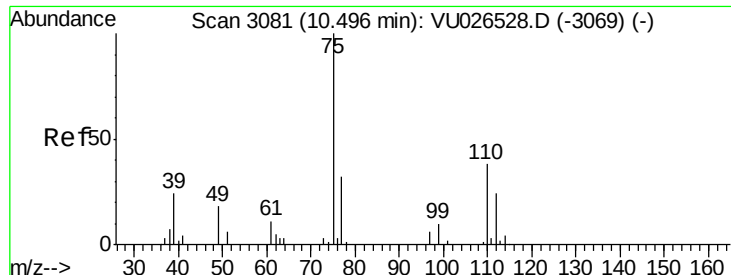
Tgt Ion: 43 Resp: 9318
Ion Ratio Lower Upper
43 100
58 26.5 42.2 63.4#
57 27.5 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 14.819 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026538.D
Acq: 05 Sep 2018 12:12

Tgt Ion: 129 Resp: 20947
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.000 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026538.D

Acq: 05 Sep 2018 12:12

Instrument :

MSVOA_U

ClientSampleId :

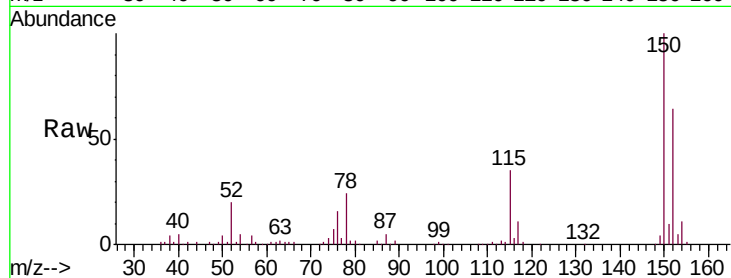
BEE18

Tgt Ion: 75 Resp: 8544

Ion Ratio Lower Upper

75 100

77 37.9 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

