

Data File : VU026545.D
Acq On : 05 Sep 2018 14:55
Operator : MD/SY
Sample : J4694-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE27

Quant Time: Sep 06 04:40:00 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	141420	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	123081	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	45510	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35755	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.68	69	37220	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.06%
11) 1,1-Dichloroethene-d2	2.27	63	53781	27.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.50%#
21) 2-Butanone-d5	4.18	46	76185	112.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.03%
24) Chloroform-d	4.65	84	80954	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.31	65	57482	52.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.34%
32) Benzene-d6	5.35	84	153490	54.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.22%
36) 1,2-Dichloropropane-d6	6.33	67	56914	58.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	116.80%
41) Toluene-d8	7.57	98	122150	44.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.22%
43) trans-1,3-Dichloropropene-	7.85	79	14563	32.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.44%
47) 2-Hexanone-d5	8.31	63	52536	117.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81461	56.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.48%
64) 1,2-Dichlorobenzene-d4	11.86	152	46258	56.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.04%

Target Compounds

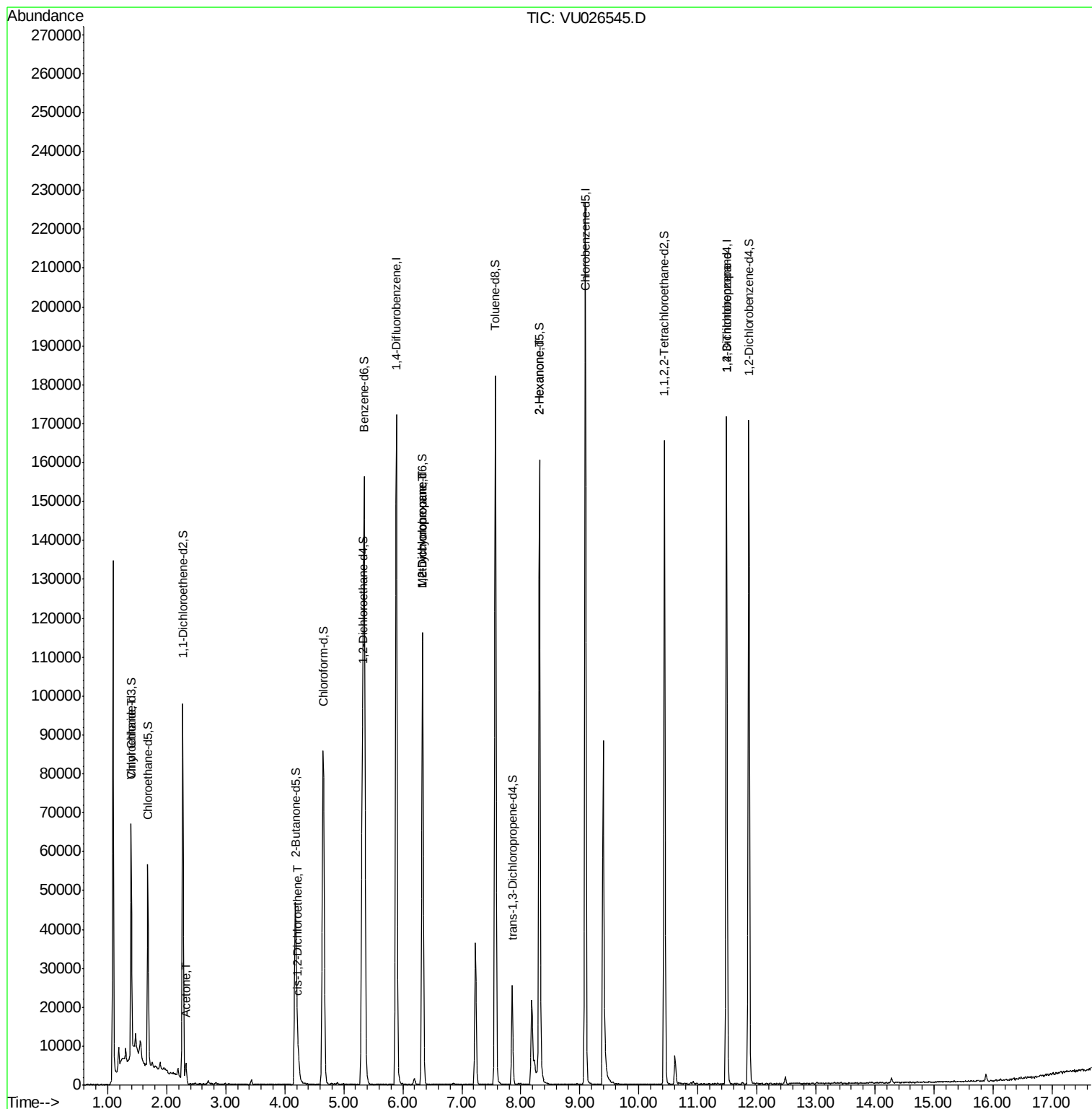
					Qvalue
8) Chloroethane	1.40	64	5562	6.276 ug/L	90
13) Acetone	2.32	43	4963	8.428 ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	2871	2.807 ug/L	89
35) Methylcyclohexane	6.33	83	12873	9.315 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5786	5.923 ug/L #	88
48) 2-Hexanone	8.31	43	6802	6.556 ug/L #	70
59) 1,2,3-Trichloropropane	11.48	75	5760	4.726 ug/L	96

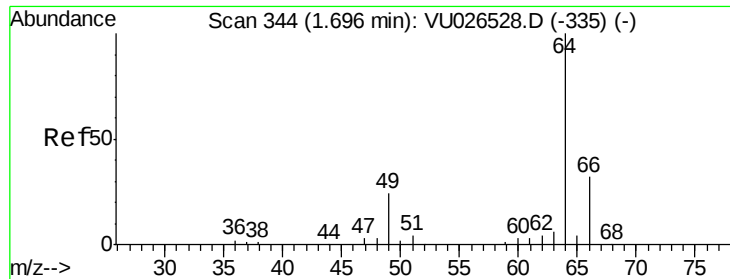
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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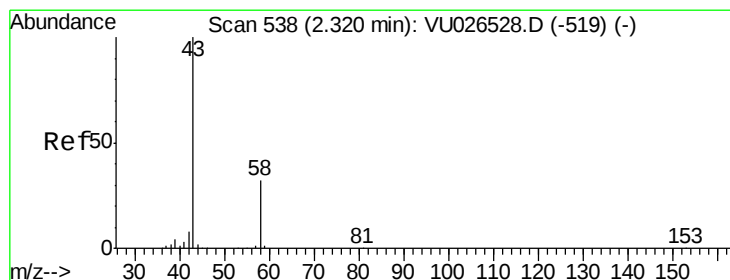
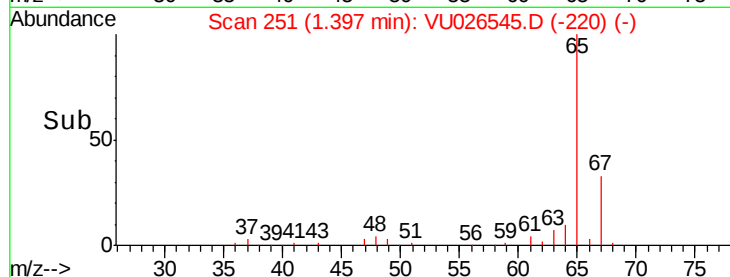
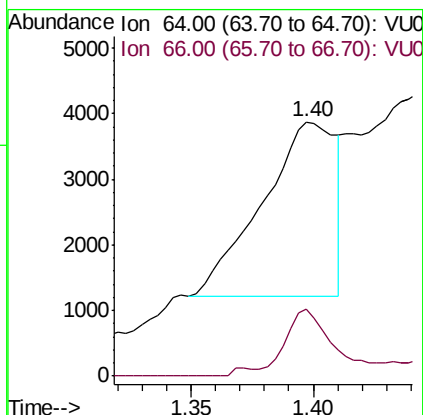
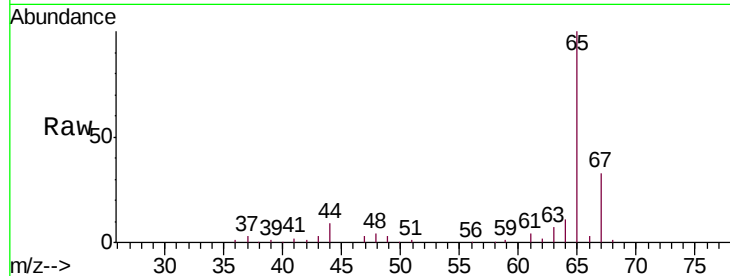




#8
Chloroethane
Concen: 6.276 ug/L
RT: 1.40 min Scan# 251
Delta R.T. -0.30 min
Lab File: VU026545.D
Acq: 05 Sep 2018 14:55

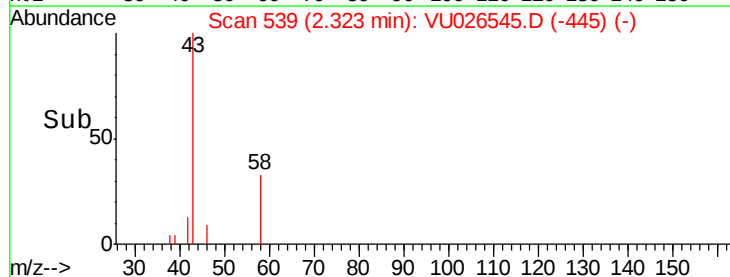
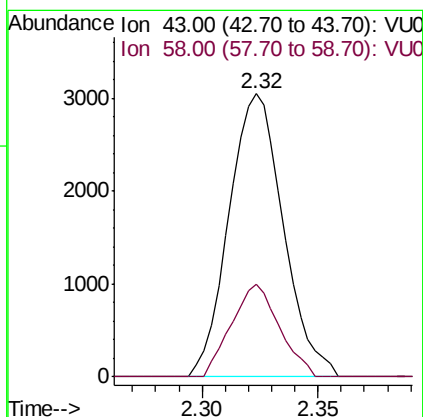
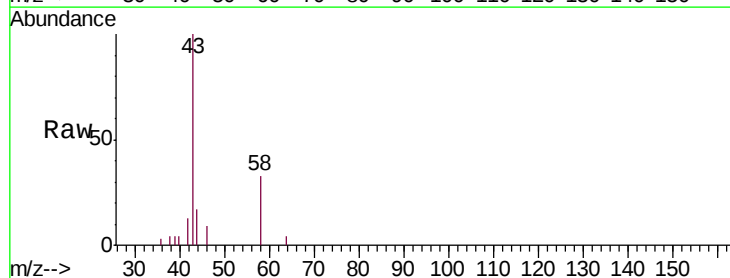
Instrument :
MSVOA_U
ClientSampleId :
BEE27

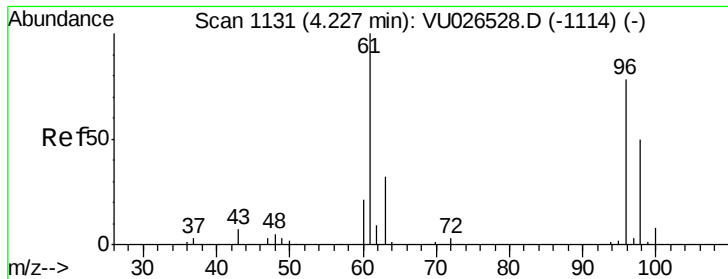
Tgt Ion: 64 Resp: 5562
Ion Ratio Lower Upper
64 100
66 26.3 22.2 41.2



#13
Acetone
Concen: 8.428 ug/L
RT: 2.32 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU026545.D
Acq: 05 Sep 2018 14:55

Tgt Ion: 43 Resp: 4963
Ion Ratio Lower Upper
43 100
58 28.8 0.0 61.2





#20

cis-1,2-Dichloroethene

Concen: 2.807 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VU026545.D

Acq: 05 Sep 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

BEE27

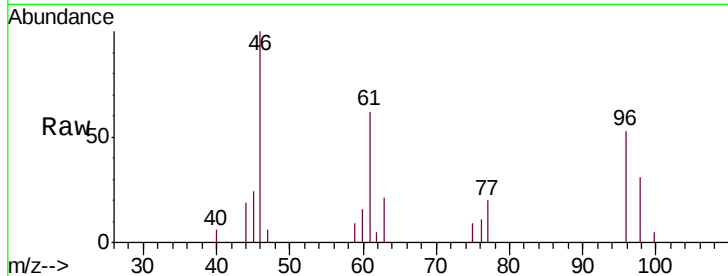
Tgt Ion: 96 Resp: 2871

Ion Ratio Lower Upper

96 100

61 118.1 91.6 170.2

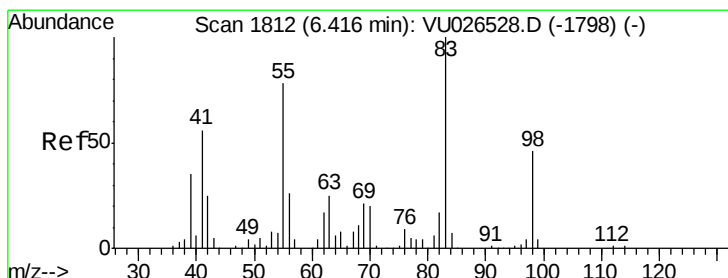
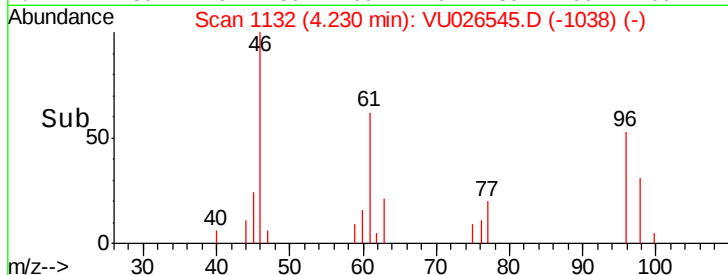
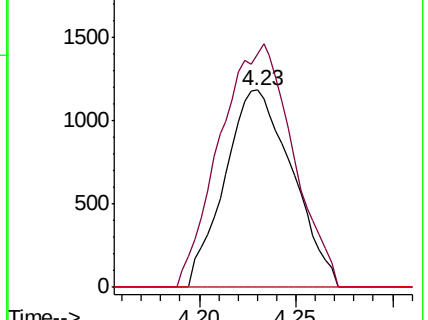
68 0.0 0.0 0.0



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



#35

Methylcyclohexane

Concen: 9.315 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026545.D

Acq: 05 Sep 2018 14:55

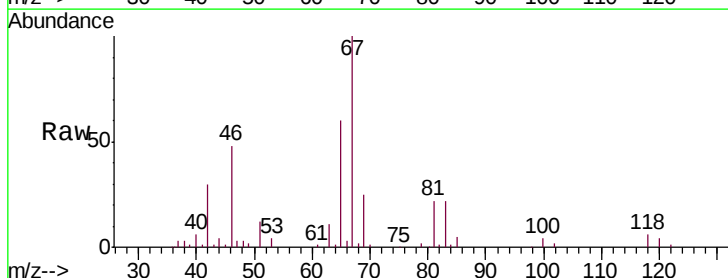
Tgt Ion: 83 Resp: 12873

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

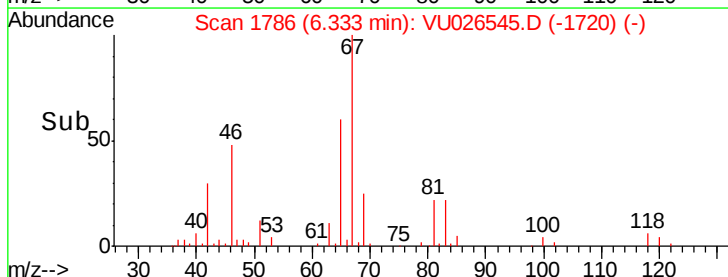
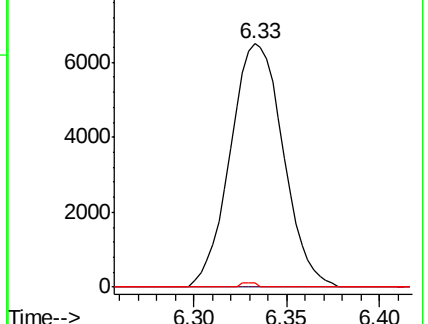
98 0.5 36.7 55.1#

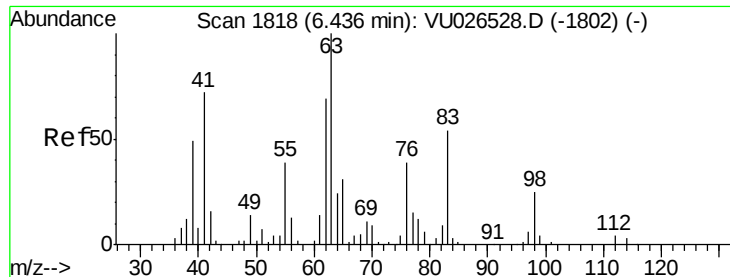


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

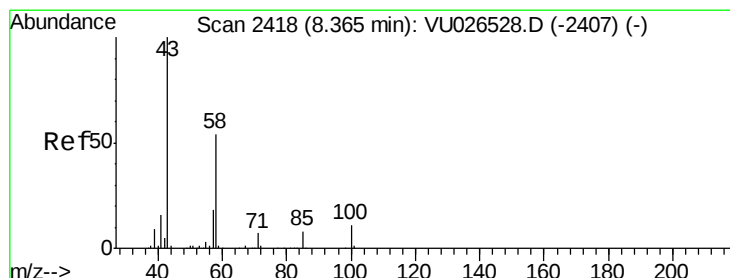
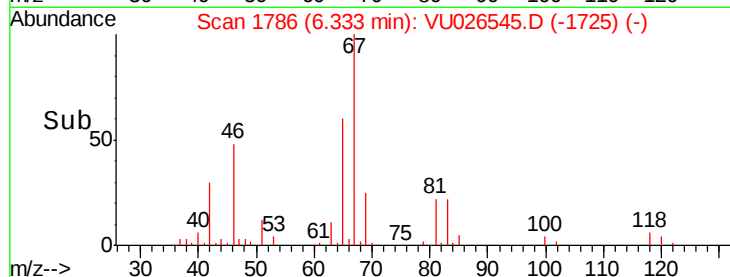
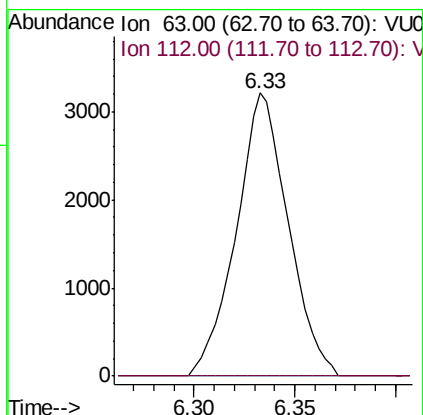
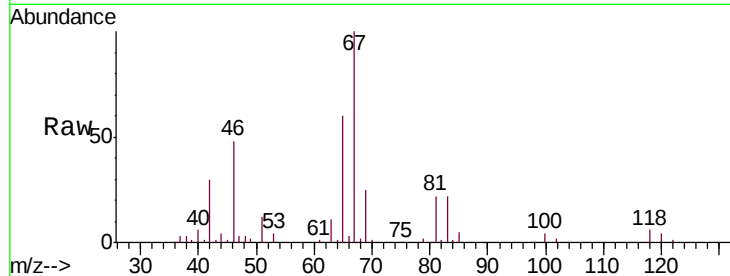




#37
 1,2-Dichloropropane
 Concen: 5.923 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026545.D
 Acq: 05 Sep 2018 14:55

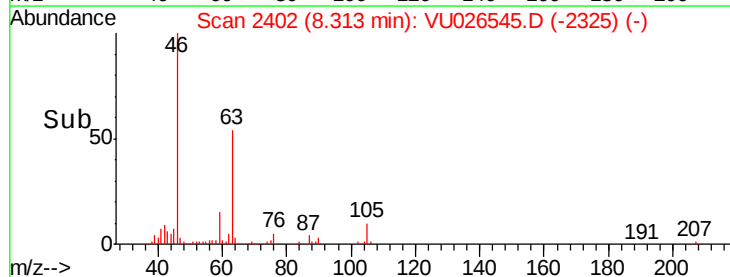
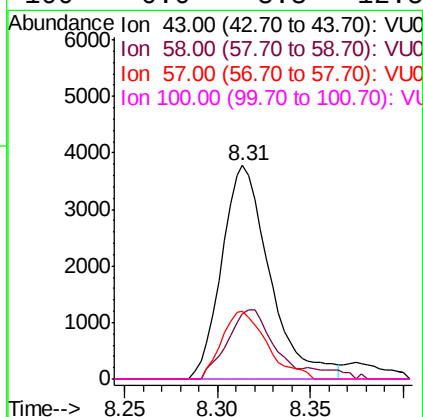
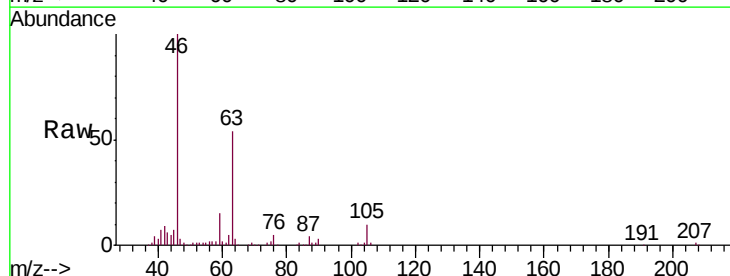
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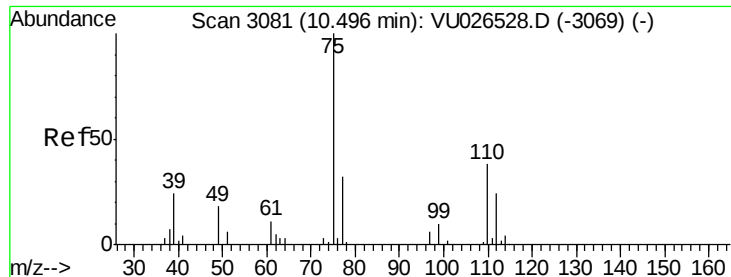
Tgt Ion: 63 Resp: 5786
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 6.556 ug/L
 RT: 8.31 min Scan# 2402
 Delta R.T. -0.05 min
 Lab File: VU026545.D
 Acq: 05 Sep 2018 14:55

Tgt Ion: 43 Resp: 6802
 Ion Ratio Lower Upper
 43 100
 58 30.5 42.2 63.4#
 57 29.7 14.6 21.8#
 100 0.0 8.3 12.5#





#59

1,2,3-Trichloropropane

Concen: 4.726 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026545.D

Acq: 05 Sep 2018 14:55

Instrument :

MSVOA_U

ClientSampleId :

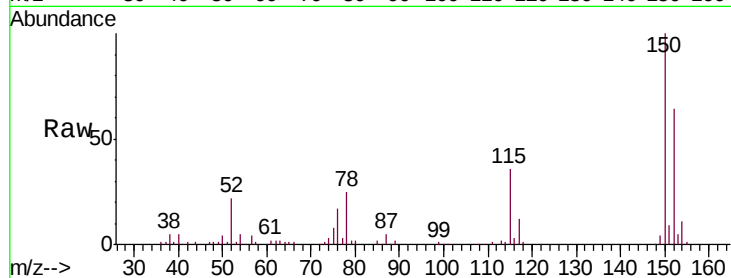
BEE27

Tgt Ion: 75 Resp: 5760

Ion Ratio Lower Upper

75 100

77 33.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

