

Data File : VU026557.D
Acq On : 05 Sep 2018 21:15
Operator : MD/SY
Sample : J4718-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGB8

Quant Time: Sep 06 06:01:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 06 05:59:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	161492	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64691	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44206	44.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.36%
7) Chloroethane-d5	1.68	69	40173	44.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.92%
11) 1,1-Dichloroethene-d2	2.27	63	64121	28.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.92%#
21) 2-Butanone-d5	4.18	46	79463	102.32	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.32%
24) Chloroform-d	4.65	84	85440	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
26) 1,2-Dichloroethane-d4	5.31	65	58033	46.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.26%
32) Benzene-d6	5.34	84	165095	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.30%
36) 1,2-Dichloropropane-d6	6.33	67	58025	48.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.50%
41) Toluene-d8	7.57	98	144304	42.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.85	79	24613	44.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.62%
47) 2-Hexanone-d5	8.31	63	54688	99.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	83039	46.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	59083	50.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.68%

Target Compounds

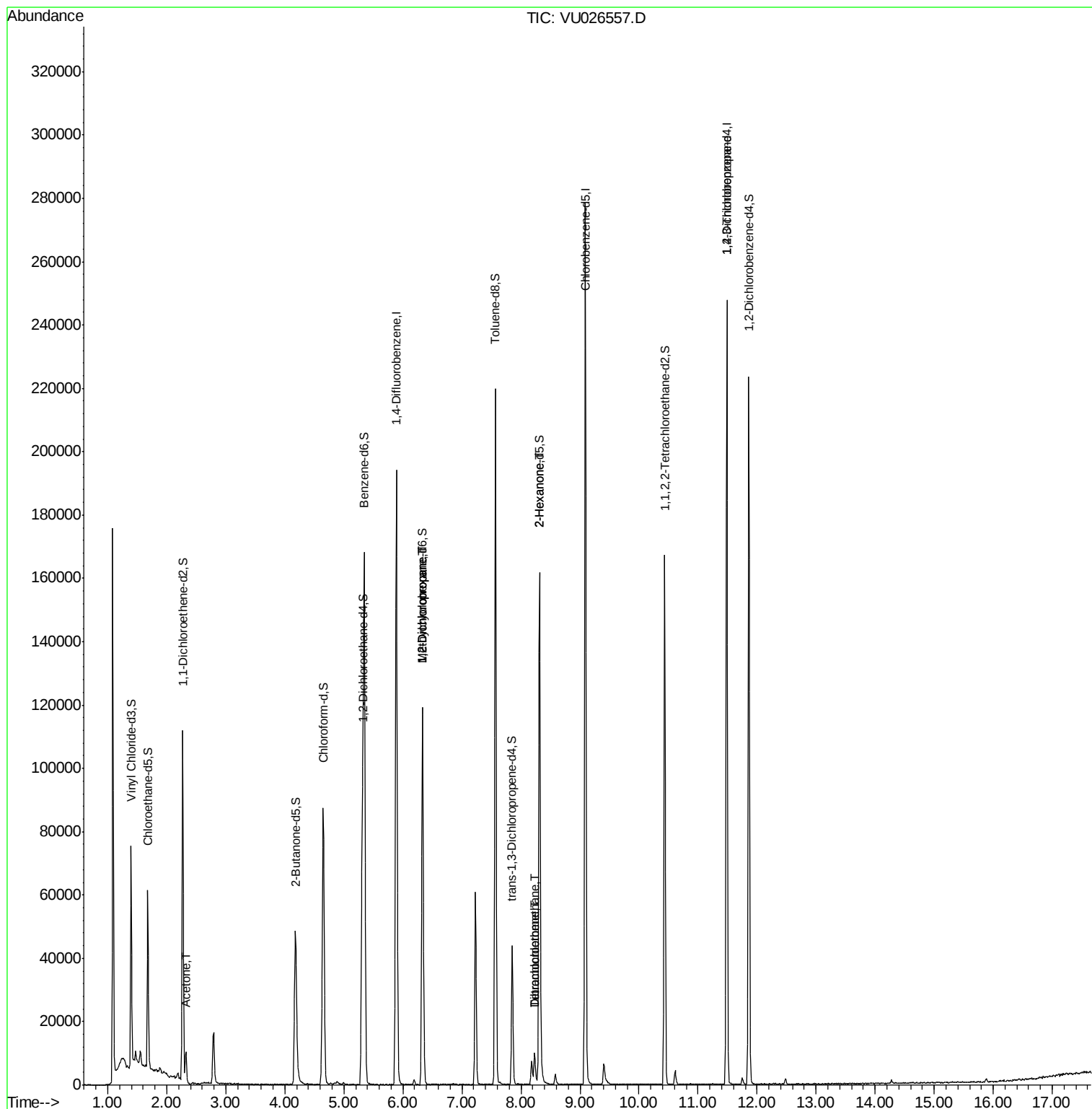
						Qvalue
13) Acetone	2.32	43	10009	14.884	ug/L	98
35) Methylcyclohexane	6.34	83	13150	7.710	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	6329	5.250	ug/L #	88
46) Tetrachloroethene	8.23	164	2052	2.298	ug/L	97
48) 2-Hexanone	8.31	43	6665	5.205	ug/L #	67
49) Dibromochloromethane	8.23	129	1965	1.579	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7505	4.989	ug/L #	87

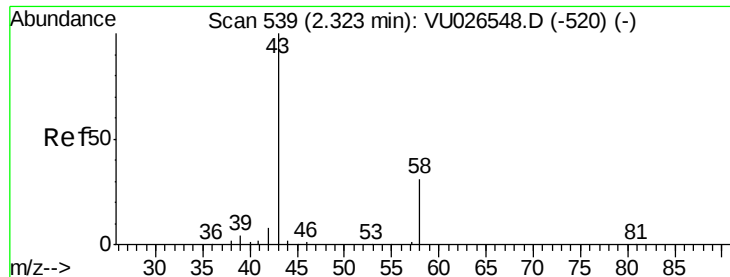
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.884 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026557.D

Acq: 05 Sep 2018 21:15

Instrument :

MSVOA_U

ClientSampleId :

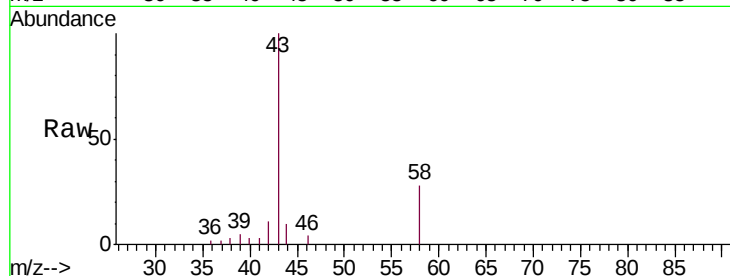
BEGB8

Tgt Ion: 43 Resp: 10009

Ion Ratio Lower Upper

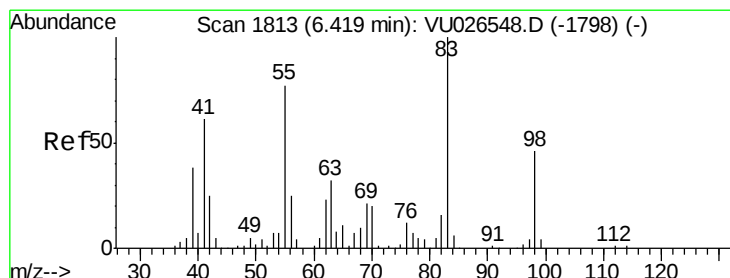
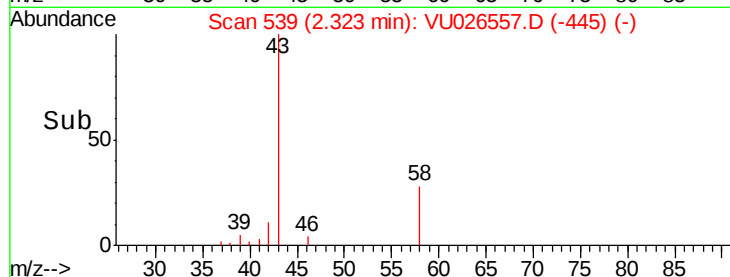
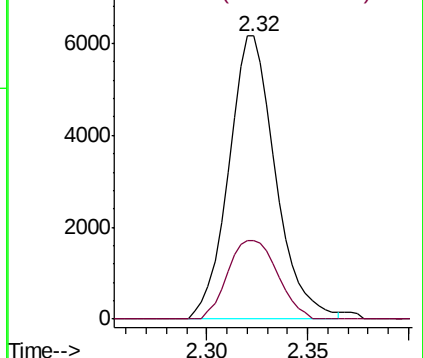
43 100

58 29.5 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: 7.710 ug/L

RT: 6.34 min Scan# 1787

Delta R.T. -0.08 min

Lab File: VU026557.D

Acq: 05 Sep 2018 21:15

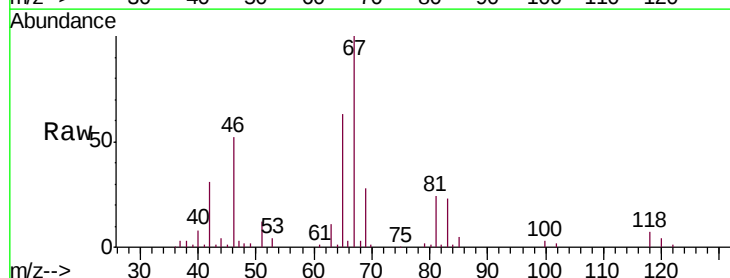
Tgt Ion: 83 Resp: 13150

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

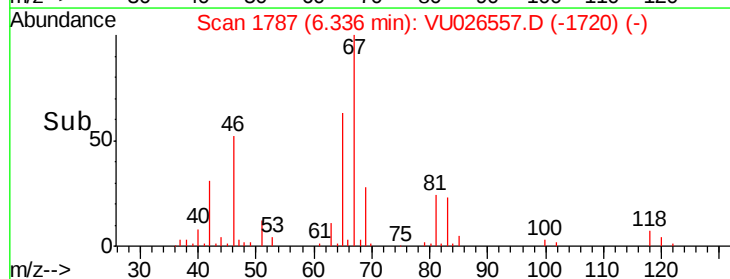
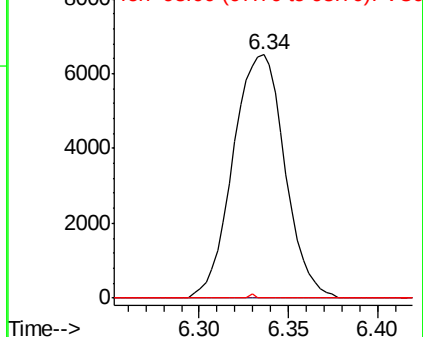
98 0.0 36.7 55.1#

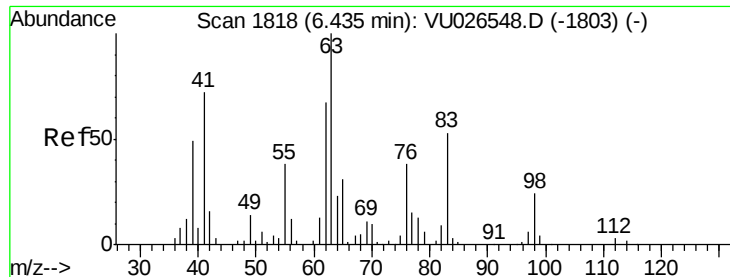


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.250 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026557.D

Acq: 05 Sep 2018 21:15

Instrument :

MSVOA_U

ClientSampled :

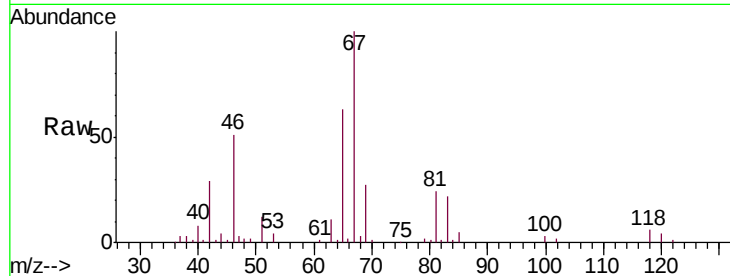
BEGB8

Tgt Ion: 63 Resp: 6329

Ion Ratio Lower Upper

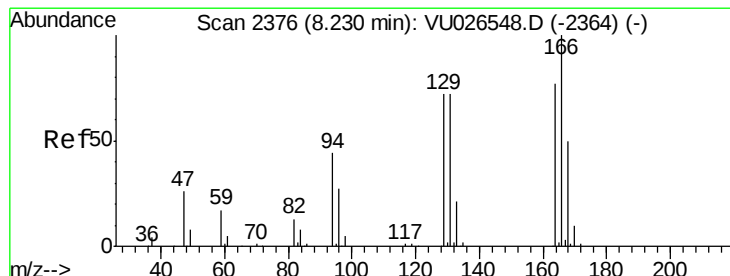
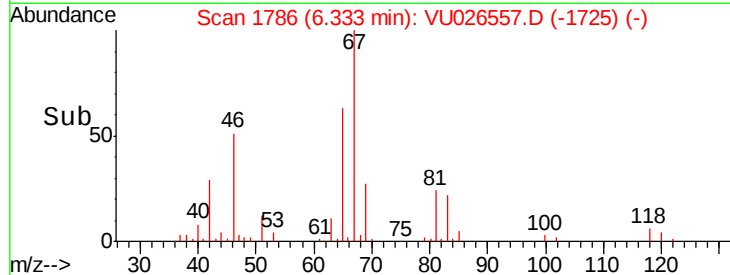
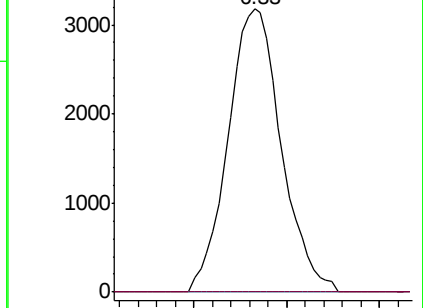
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V



#46

Tetrachloroethene

Concen: 2.298 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU026557.D

Acq: 05 Sep 2018 21:15

Tgt Ion: 164 Resp: 2052

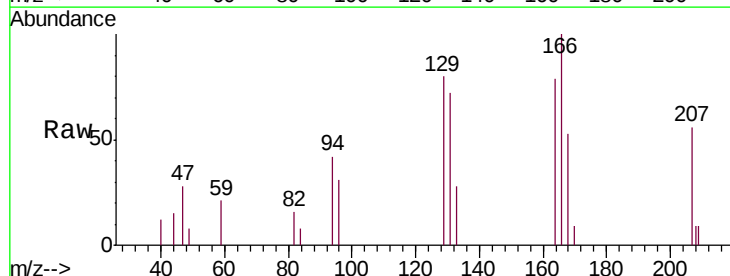
Ion Ratio Lower Upper

164 100

129 101.2 67.3 125.1

131 91.1 65.3 121.3

166 126.5 90.9 168.7

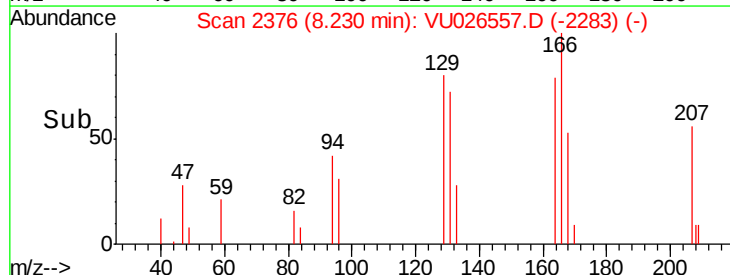
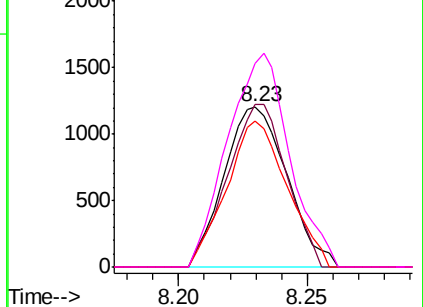


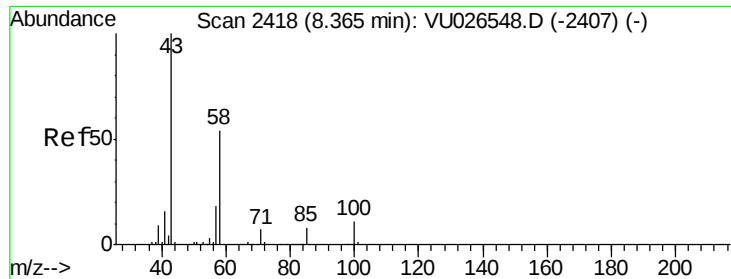
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

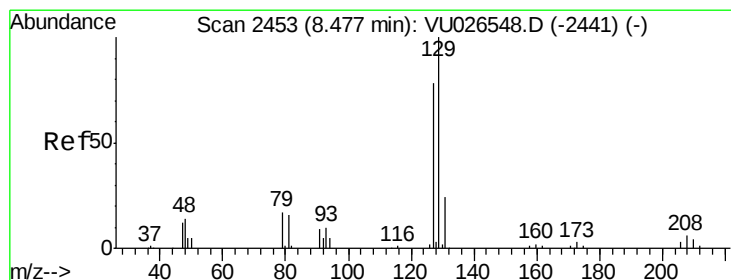
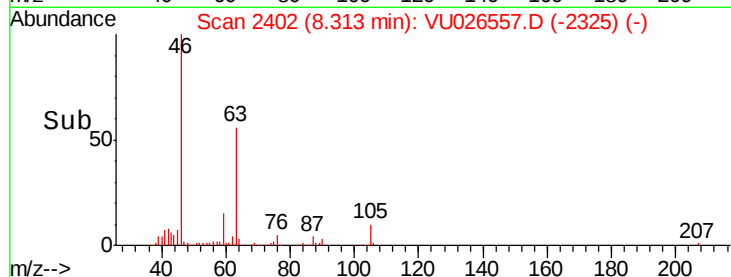
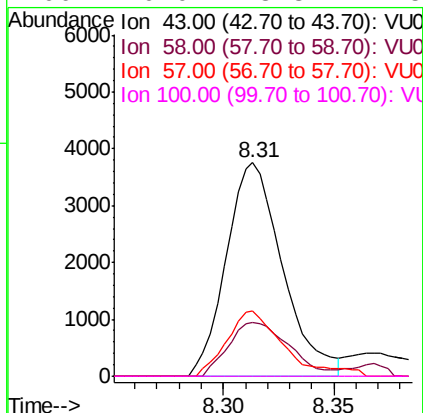
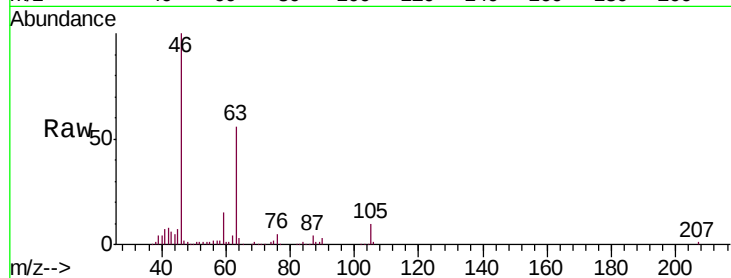




#48
2-Hexanone
Concen: 5.205 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026557.D
Acq: 05 Sep 2018 21:15

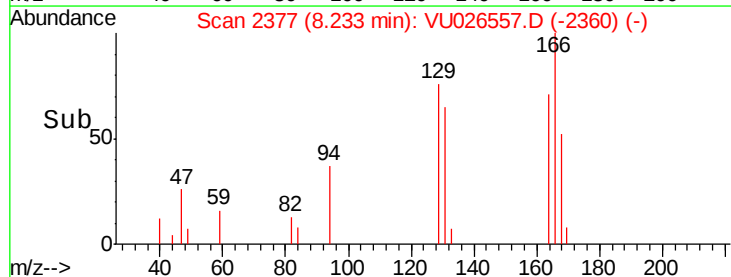
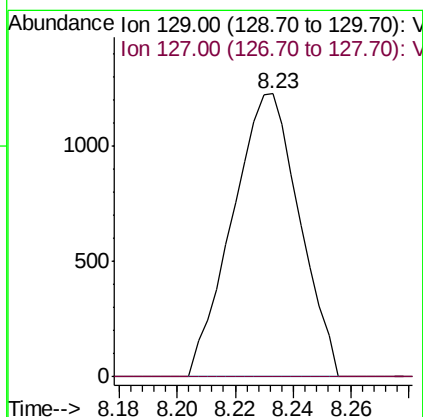
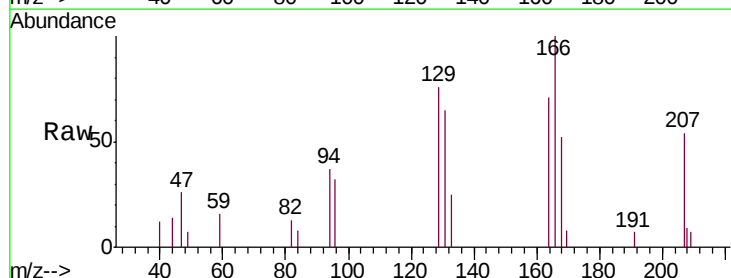
Instrument :
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ClientSampleId :
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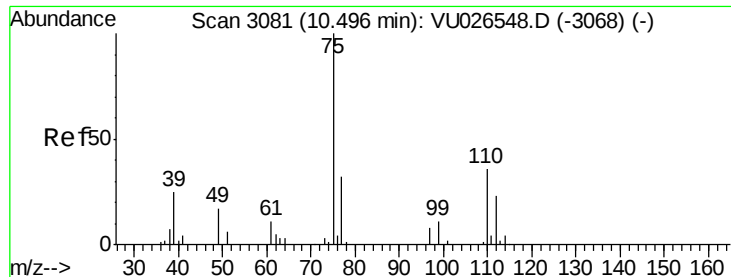
Tgt Ion: 43 Resp: 6665
Ion Ratio Lower Upper
43 100
58 27.1 42.2 63.4#
57 29.5 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 1.579 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. -0.24 min
Lab File: VU026557.D
Acq: 05 Sep 2018 21:15

Tgt Ion: 129 Resp: 1965
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.989 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026557.D

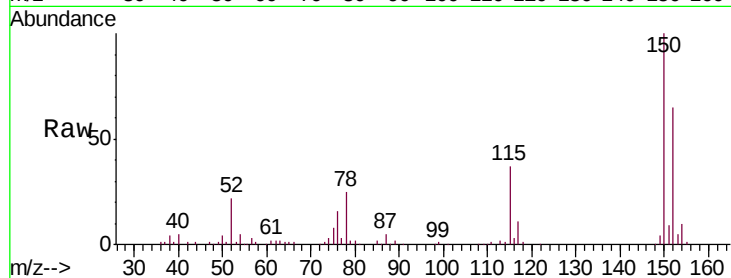
Acq: 05 Sep 2018 21:15

Instrument :

MSVOA_U

ClientSampleId :

BEGB8

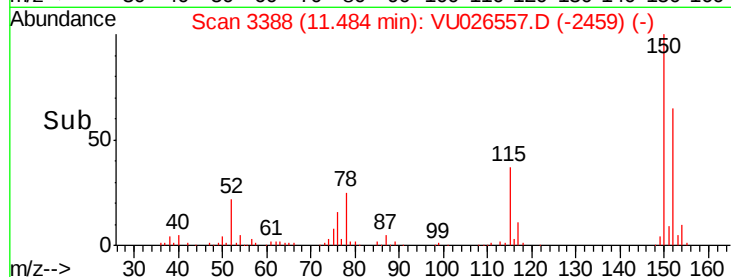


Tgt Ion: 75 Resp: 7505

Ion Ratio Lower Upper

75 100

77 38.7 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

