

Data File : VU026567.D
Acq On : 06 Sep 2018 01:08
Operator : MD/SY
Sample : J4718-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEGC8

Quant Time: Sep 06 06:02:49 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	160261	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	149455	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	64807	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41407	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.68	69	39119	43.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.24%
11) 1,1-Dichloroethene-d2	2.27	63	58532	26.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.36%#
21) 2-Butanone-d5	4.18	46	78813	102.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.27%
24) Chloroform-d	4.65	84	84722	45.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.36%
26) 1,2-Dichloroethane-d4	5.31	65	57758	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
32) Benzene-d6	5.34	84	162641	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
36) 1,2-Dichloropropane-d6	6.33	67	59064	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.82%
41) Toluene-d8	7.57	98	143474	43.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.30%
43) trans-1,3-Dichloropropene-	7.85	79	23608	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.38%
47) 2-Hexanone-d5	8.31	63	53516	98.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.61%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	81952	47.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.02%
64) 1,2-Dichlorobenzene-d4	11.86	152	58171	49.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.94%

Target Compounds

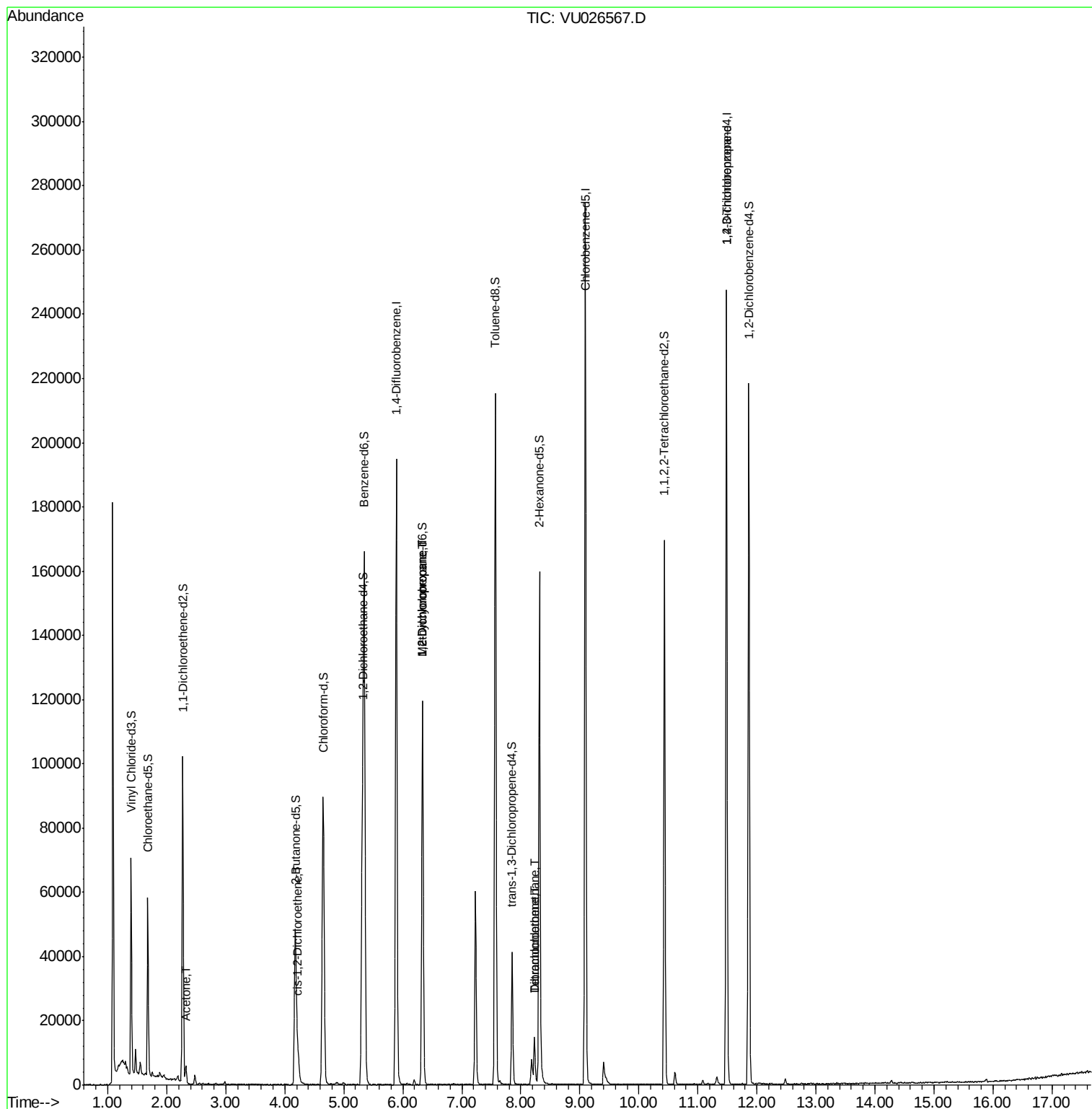
					Qvalue
13) Acetone	2.32	43	5192	7.780	ug/L 100
20) cis-1,2-Dichloroethene	4.22	96	3711	3.202	ug/L 100
35) Methylcyclohexane	6.33	83	13120	7.818	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5804	4.893	ug/L # 88
46) Tetrachloroethene	8.23	164	2974	3.385	ug/L 94
49) Dibromochloromethane	8.23	129	2989	2.441	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7154	4.833	ug/L # 81

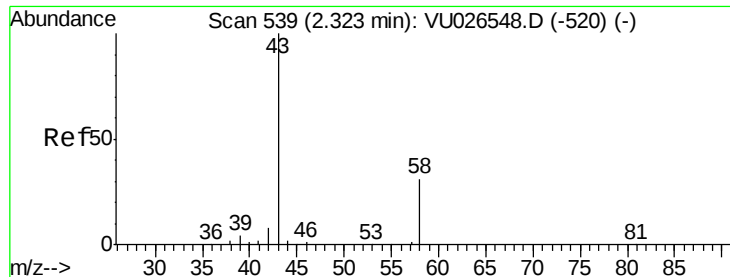
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.780 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_U

ClientSampleId :

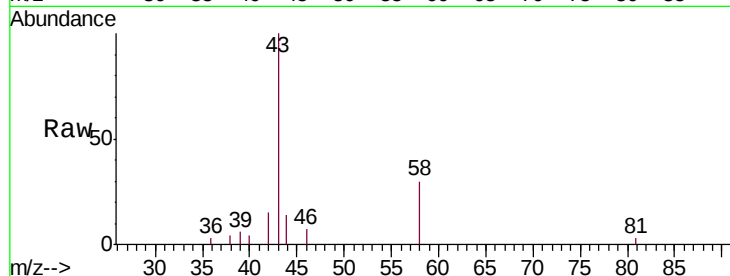
BEGC8

Tgt Ion: 43 Resp: 5192

Ion Ratio Lower Upper

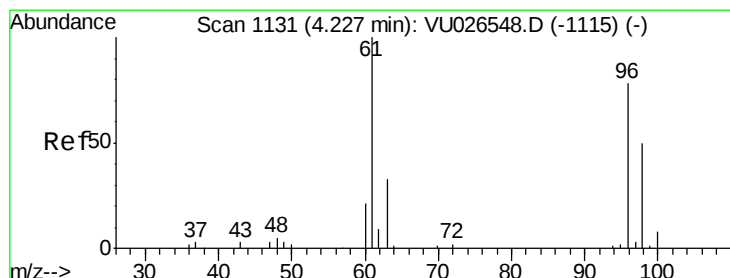
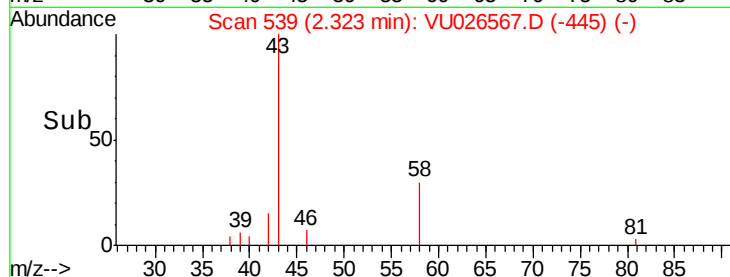
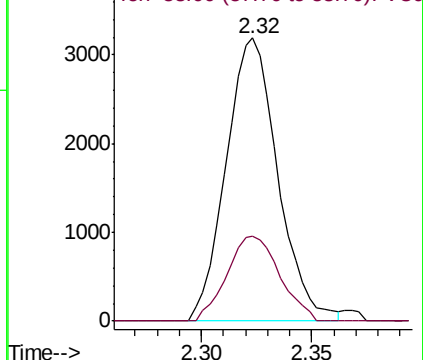
43 100

58 30.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026548.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU026548.D (-520) (-)



#20

cis-1,2-Dichloroethene

Concen: 3.202 ug/L

RT: 4.22 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VU026567.D

Acq: 06 Sep 2018 01:08

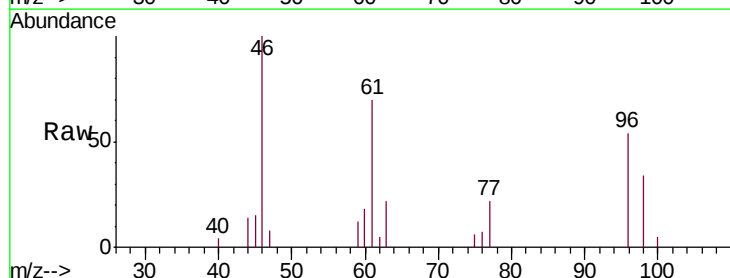
Tgt Ion: 96 Resp: 3711

Ion Ratio Lower Upper

96 100

61 131.0 91.6 170.2

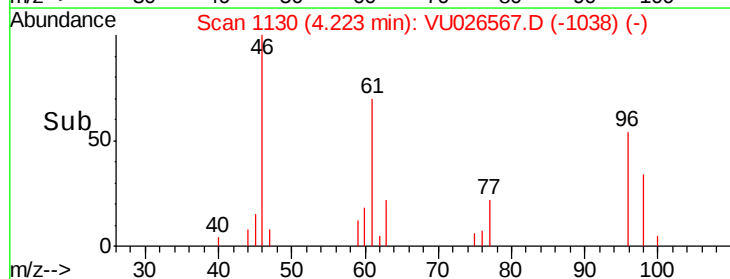
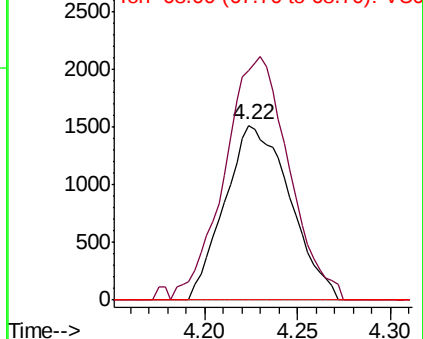
68 0.0 0.0 0.0

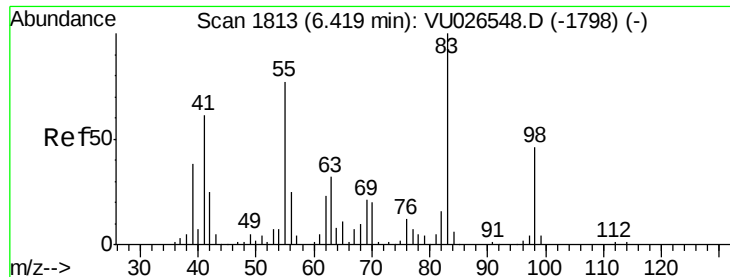


Abundance Ion 96.00 (95.70 to 96.70): VU026548.D (-1115) (-)

Ion 61.00 (60.70 to 61.70): VU026548.D (-1115) (-)

Ion 68.00 (67.70 to 68.70): VU026548.D (-1115) (-)

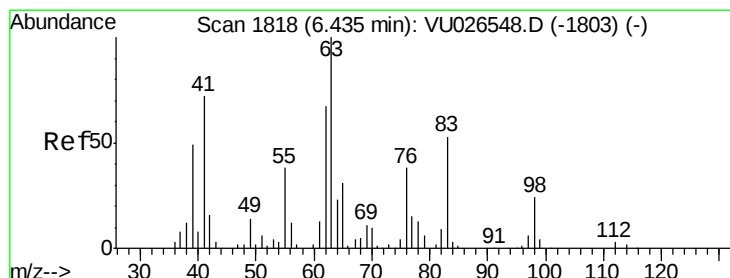
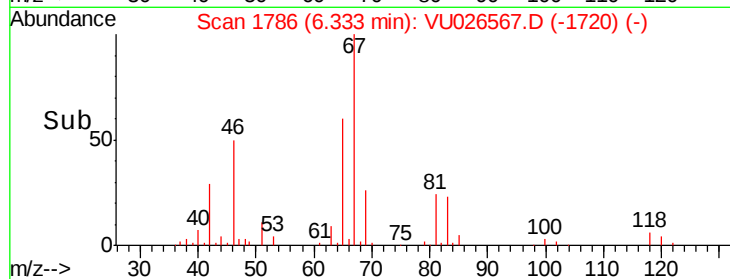
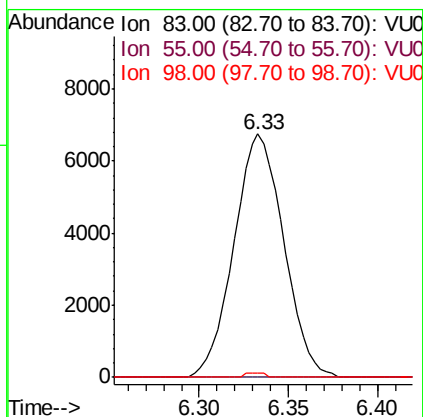
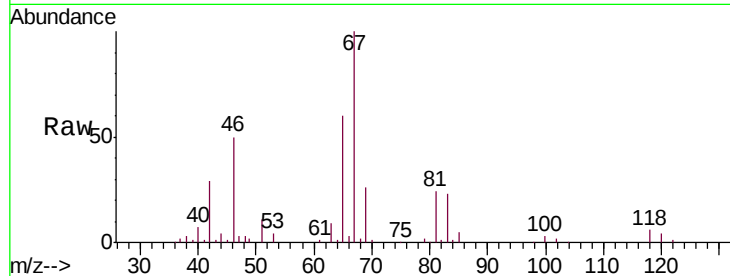




#35
Methylcyclohexane
Concen: 7.818 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026567.D
Acq: 06 Sep 2018 01:08

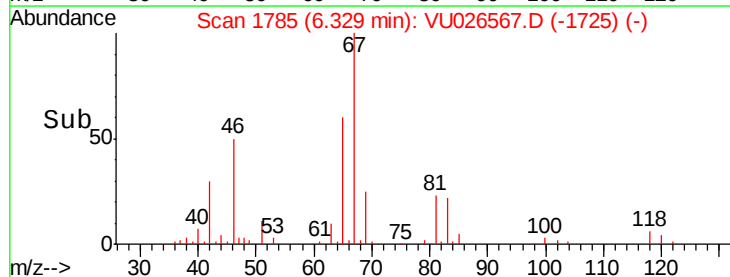
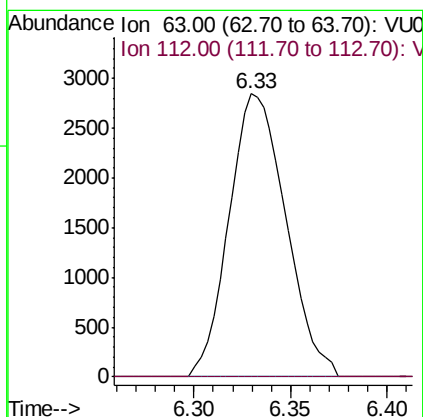
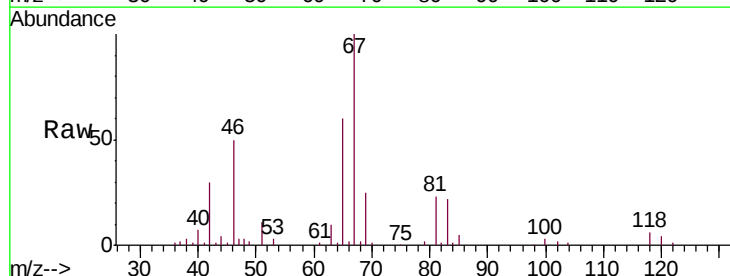
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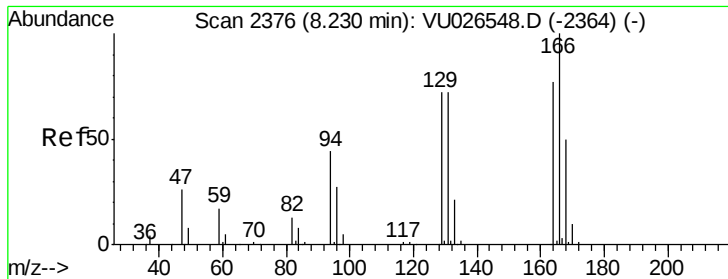
Tgt Ion: 83 Resp: 13120
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.5 36.7 55.1#



#37
1,2-Dichloropropane
Concen: 4.893 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026567.D
Acq: 06 Sep 2018 01:08

Tgt Ion: 63 Resp: 5804
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

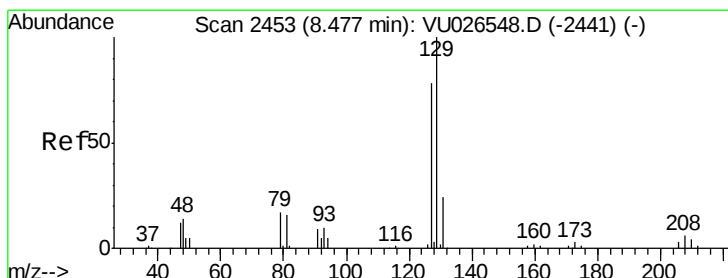
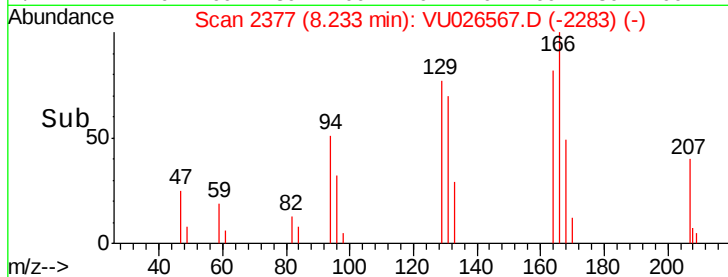
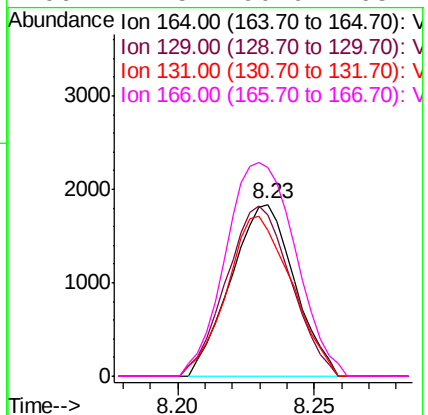
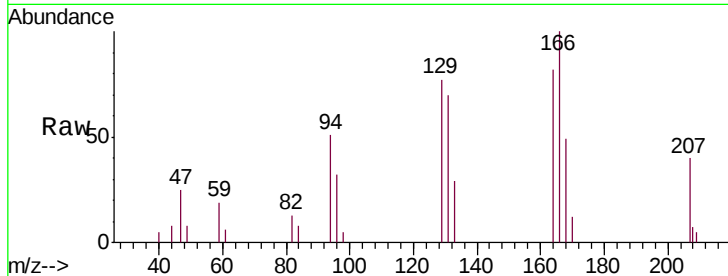




#46
Tetrachloroethene
Concen: 3.385 ug/L
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU026567.D
Acq: 06 Sep 2018 01:08

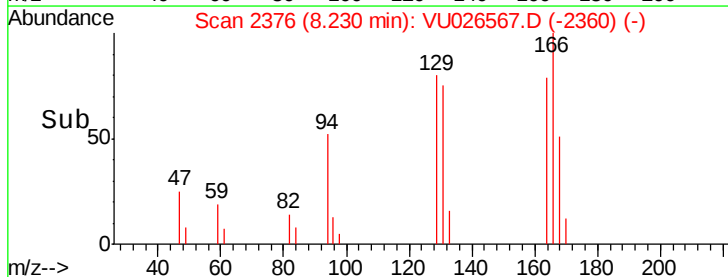
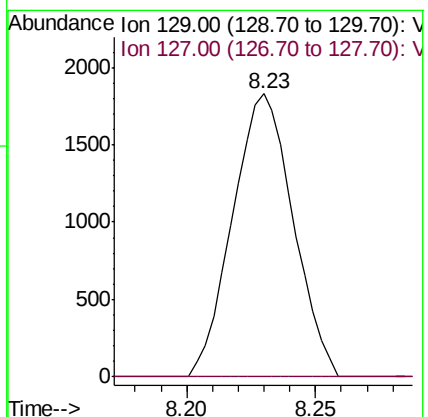
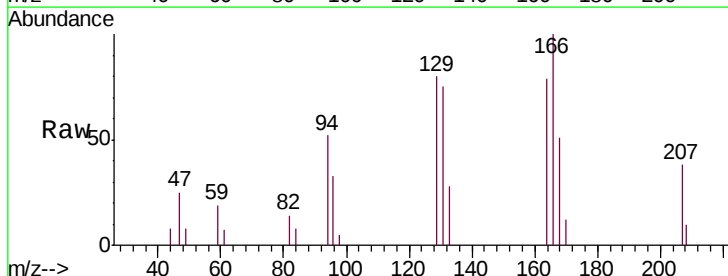
Instrument :
MSVOA_U
ClientSampleId :
BEGC8

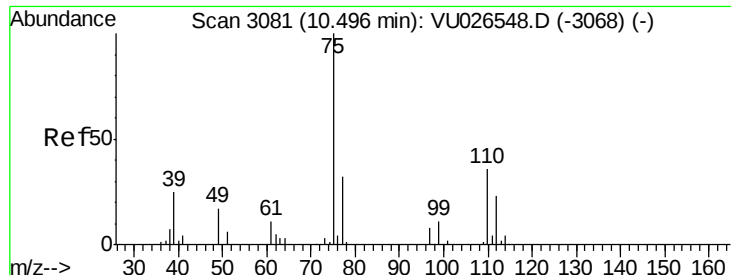
Tgt Ion:164 Resp: 2974
Ion Ratio Lower Upper
164 100
129 93.9 67.3 125.1
131 85.4 65.3 121.3
166 121.5 90.9 168.7



#49
Dibromochloromethane
Concen: 2.441 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026567.D
Acq: 06 Sep 2018 01:08

Tgt Ion:129 Resp: 2989
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 4.833 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026567.D

Acq: 06 Sep 2018 01:08

Instrument :

MSVOA_U

ClientSampleId :

BEGC8

Tgt Ion: 75 Resp: 7154

Ion Ratio Lower Upper

75 100

77 41.5 25.0 37.6#

