

Data File : VU026521.D
Acq On : 04 Sep 2018 13:35
Operator : MD/SY
Sample : J4694-06 25X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE24

Quant Time: Sep 05 01:12:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 05 01:11:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	169160	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159054	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	67323	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	51561	49.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.40%
7) Chloroethane-d5	1.68	69	43849	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.64%
11) 1,1-Dichloroethene-d2	2.27	63	68471	29.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.02%#
21) 2-Butanone-d5	4.18	46	72478	89.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.10%
24) Chloroform-d	4.65	84	81780	41.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.62%
26) 1,2-Dichloroethane-d4	5.31	65	55774	42.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.64%
32) Benzene-d6	5.34	84	164516	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
36) 1,2-Dichloropropane-d6	6.33	67	57150	45.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.76%
41) Toluene-d8	7.57	98	146327	41.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.70%
43) trans-1,3-Dichloropropene-	7.85	79	24194	42.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.14%
47) 2-Hexanone-d5	8.31	63	52329	90.60	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.60%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	77381	41.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	57406	47.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

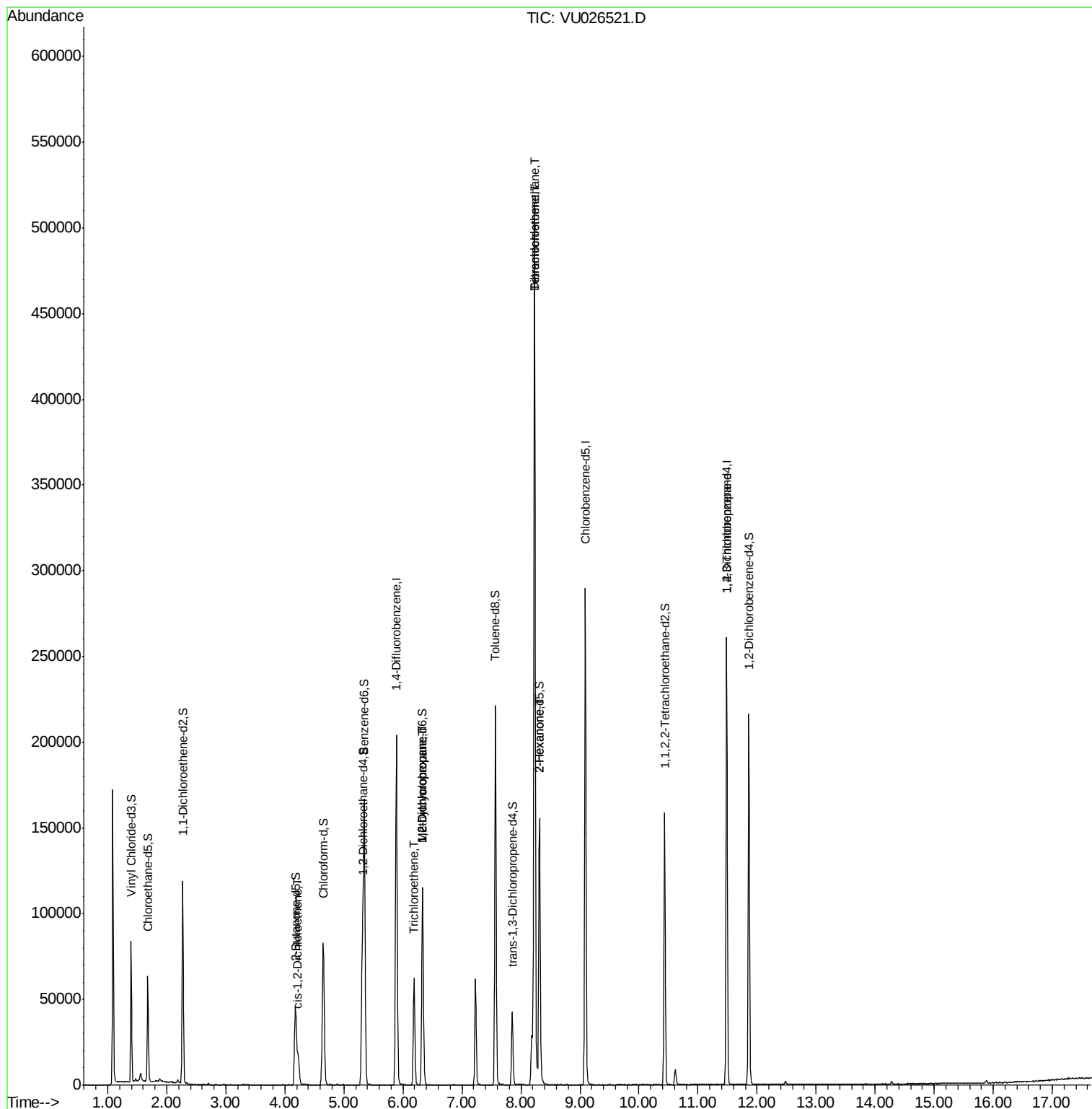
						Qvalue
20) cis-1,2-Dichloroethene	4.23	96	7767	6.348	ug/L	93
34) Trichloroethene	6.19	95	22087	19.311	ug/L	97
35) Methylcyclohexane	6.33	83	12550	7.027	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	5953	4.716	ug/L #	88
46) Tetrachloroethene	8.23	164	112527	120.335	ug/L	97
48) 2-Hexanone	8.31	43	6236	4.651	ug/L #	68
49) Dibromochloromethane	8.23	129	103920	79.752	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	8106	5.146	ug/L #	88

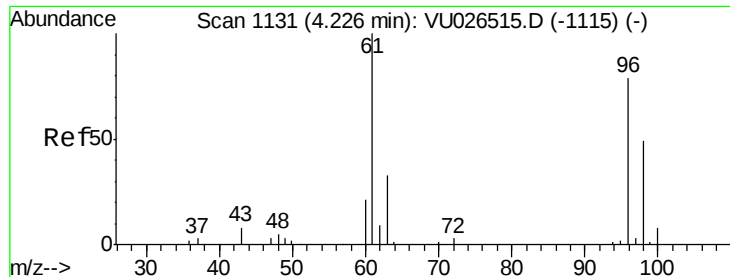
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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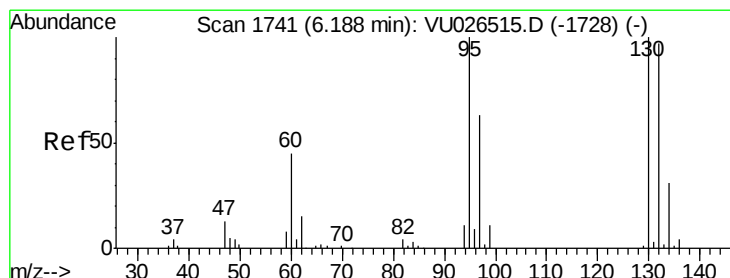
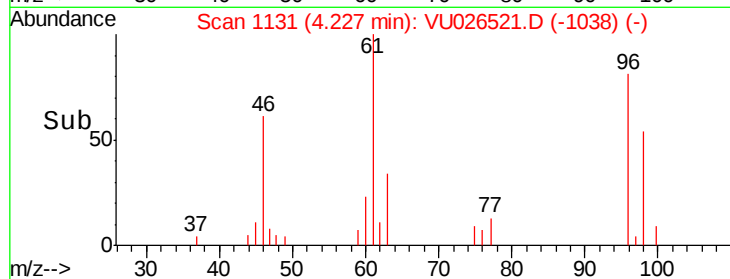
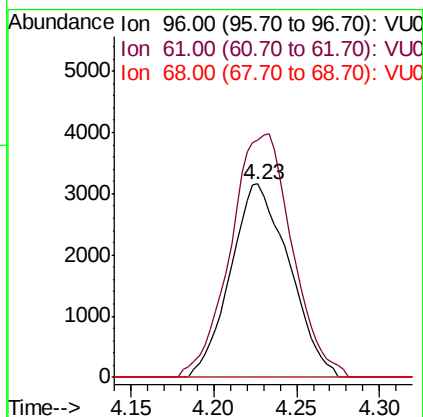
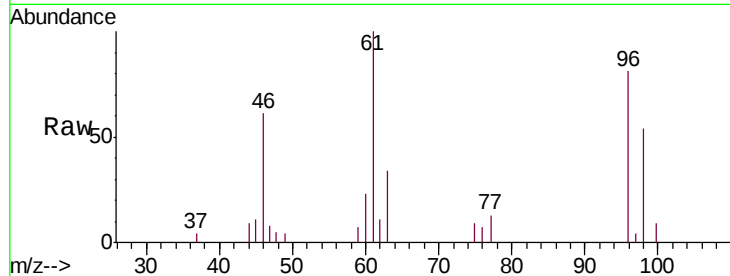




#20
 cis-1,2-Dichloroethene
 Concen: 6.348 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: VU026521.D
 Acq: 04 Sep 2018 13:35

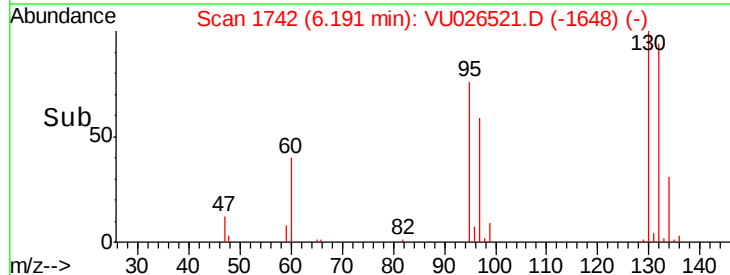
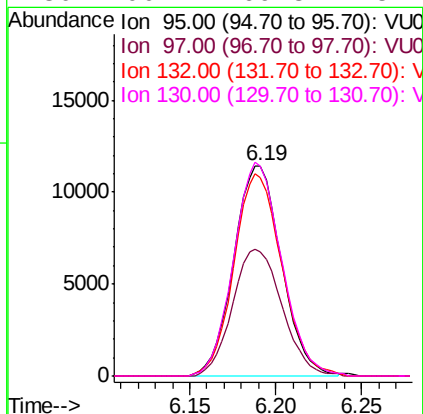
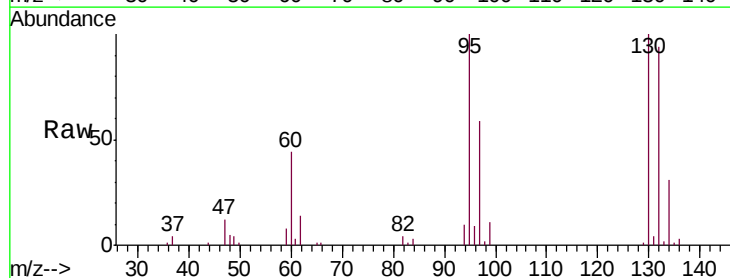
Instrument :
 MSVOA_U
 ClientSampled :
 BEE24

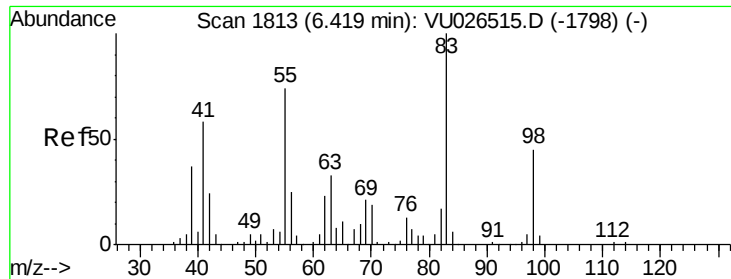
Tgt Ion: 96 Resp: 7767
 Ion Ratio Lower Upper
 96 100
 61 123.0 91.6 170.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 19.311 ug/L
 RT: 6.19 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VU026521.D
 Acq: 04 Sep 2018 13:35

Tgt Ion: 95 Resp: 22087
 Ion Ratio Lower Upper
 95 100
 97 58.9 45.1 83.7
 132 94.3 67.5 125.3
 130 100.2 69.3 128.7

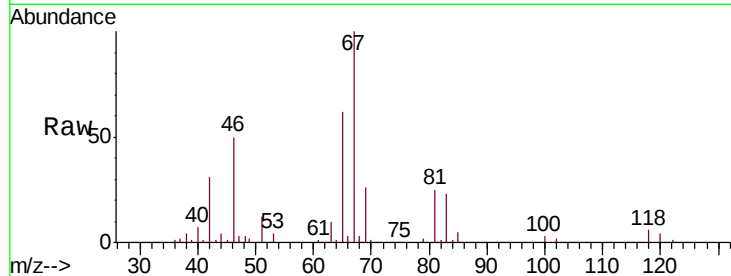




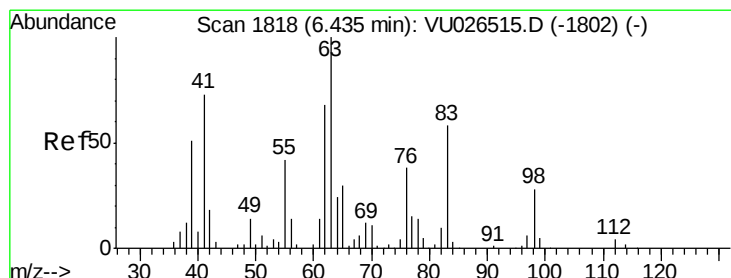
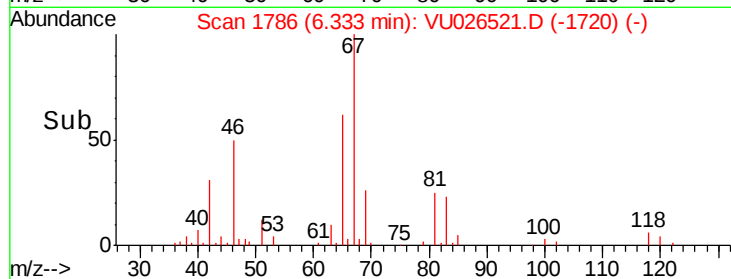
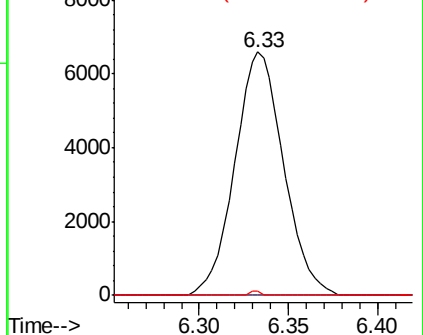
#35
Methylcyclohexane
Concen: 7.027 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026521.D
Acq: 04 Sep 2018 13:35

Instrument :
MSVOA_U
ClientSampleId :
BEE24

Tgt Ion: 83 Resp: 12550
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.4 36.7 55.1#

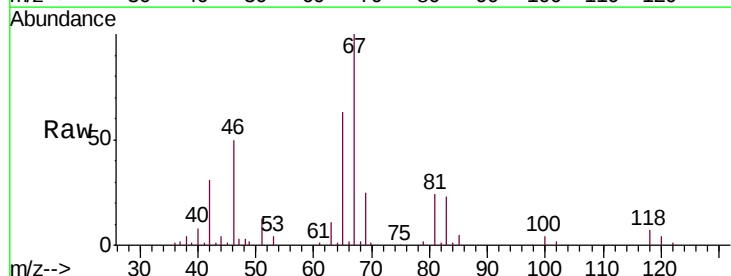


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

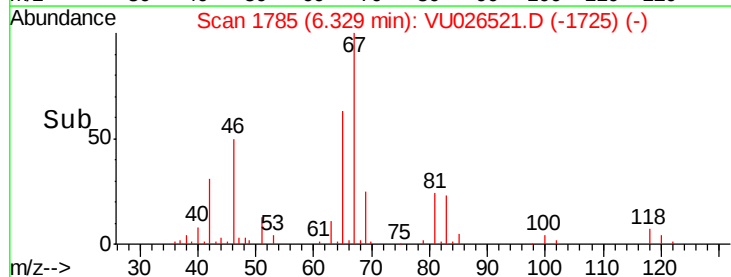
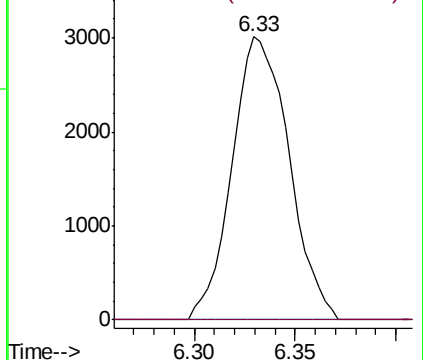


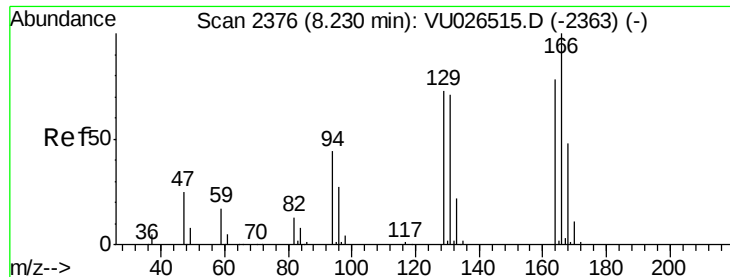
#37
1,2-Dichloropropane
Concen: 4.716 ug/L
RT: 6.33 min Scan# 1785
Delta R.T. -0.11 min
Lab File: VU026521.D
Acq: 04 Sep 2018 13:35

Tgt Ion: 63 Resp: 5953
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

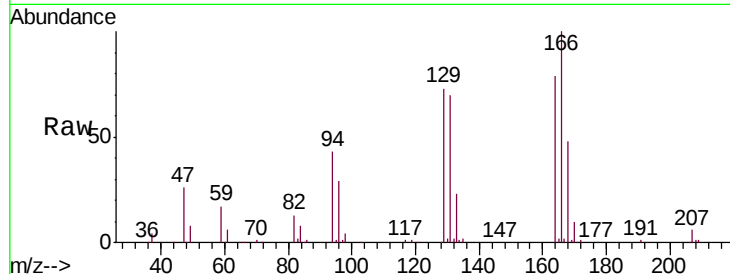




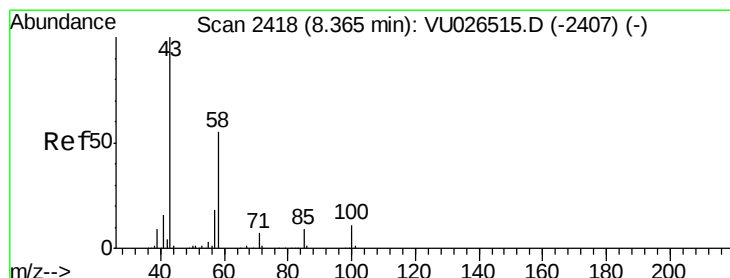
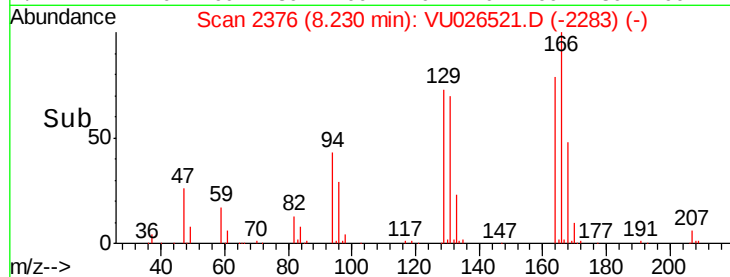
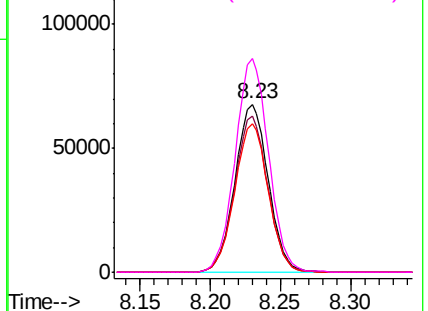
#46
Tetrachloroethene
Concen: 120.335 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026521.D
Acq: 04 Sep 2018 13:35

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Tgt Ion:	164	Resp:	112527
Ion	Ratio	Lower	Upper
164	100		
129	93.3	67.3	125.1
131	88.7	65.3	121.3
166	127.2	90.9	168.7

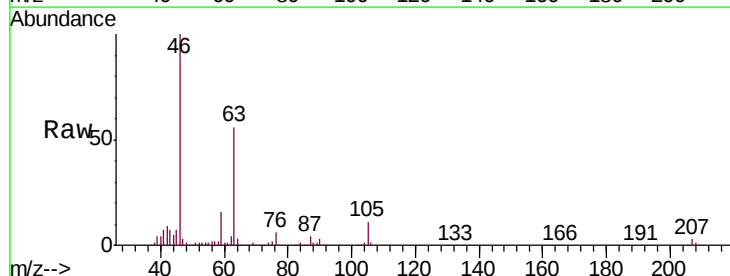


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

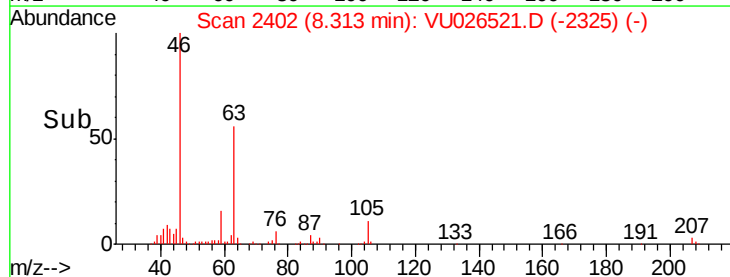
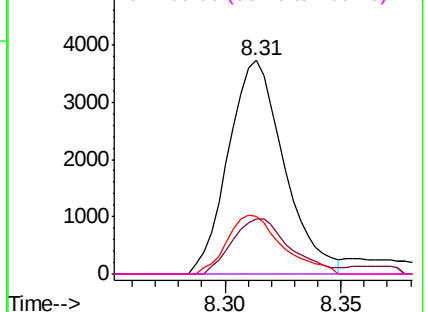


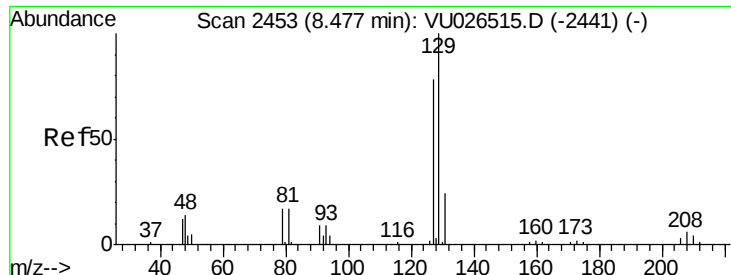
#48
2-Hexanone
Concen: 4.651 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026521.D
Acq: 04 Sep 2018 13:35

Tgt Ion:	43	Resp:	6236
Ion	Ratio	Lower	Upper
43	100		
58	27.0	42.2	63.4#
57	27.2	14.6	21.8#
100	0.0	8.3	12.5#



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 57.00 (56.70 to 57.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#49

Dibromochloromethane

Concen: 79.752 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026521.D

Acq: 04 Sep 2018 13:35

Instrument :

MSVOA_U

ClientSampleId :

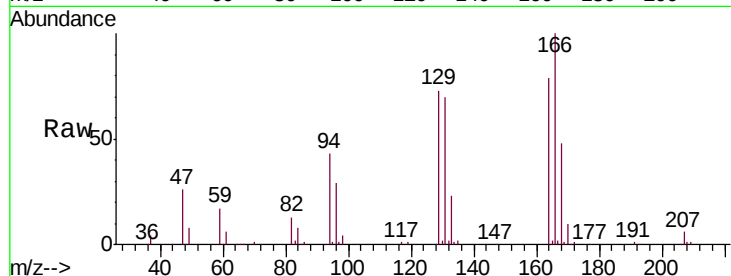
BEE24

Tgt Ion:129 Resp: 103920

Ion Ratio Lower Upper

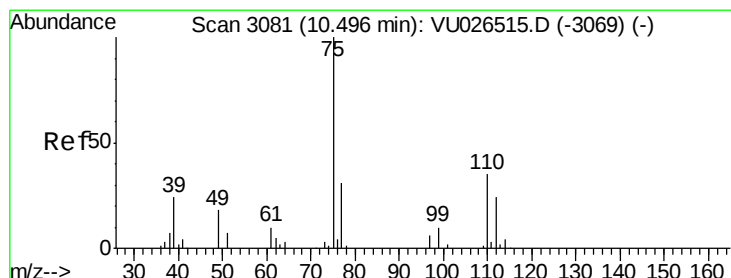
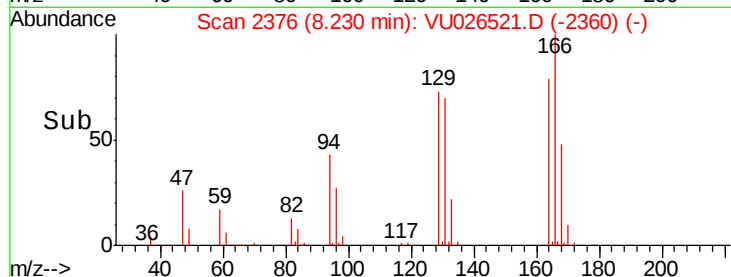
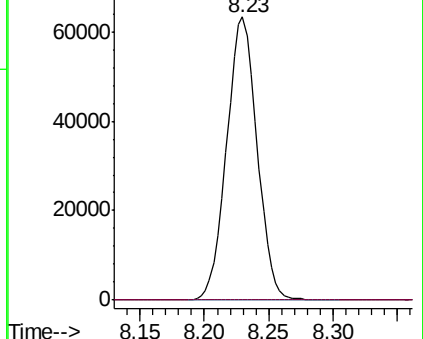
129 100

127 0.0 55.0 102.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 5.146 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026521.D

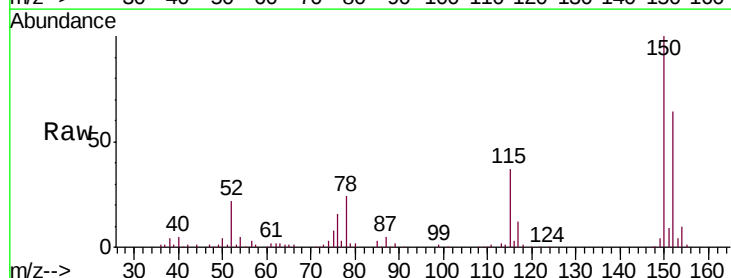
Acq: 04 Sep 2018 13:35

Tgt Ion: 75 Resp: 8106

Ion Ratio Lower Upper

75 100

77 37.7 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

