

Data File : VU026524.D
Acq On : 04 Sep 2018 14:44
Operator : MD/SY
Sample : J4694-08 4X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE26

Quant Time: Sep 05 01:12:24 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	164336	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	153639	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	65360	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37733	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.68	69	37355	40.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.24%
11) 1,1-Dichloroethene-d2	2.27	63	56024	24.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.86%#
21) 2-Butanone-d5	4.18	46	78841	99.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.77%
24) Chloroform-d	4.65	84	82773	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
26) 1,2-Dichloroethane-d4	5.31	65	56981	44.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.02%
32) Benzene-d6	5.35	84	159338	45.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.33	67	57216	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.06%
41) Toluene-d8	7.57	98	141020	41.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.50%
43) trans-1,3-Dichloropropene-	7.85	79	15090	27.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.32%#
47) 2-Hexanone-d5	8.31	63	55838	100.08	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	82984	46.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	58416	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

Target Compounds

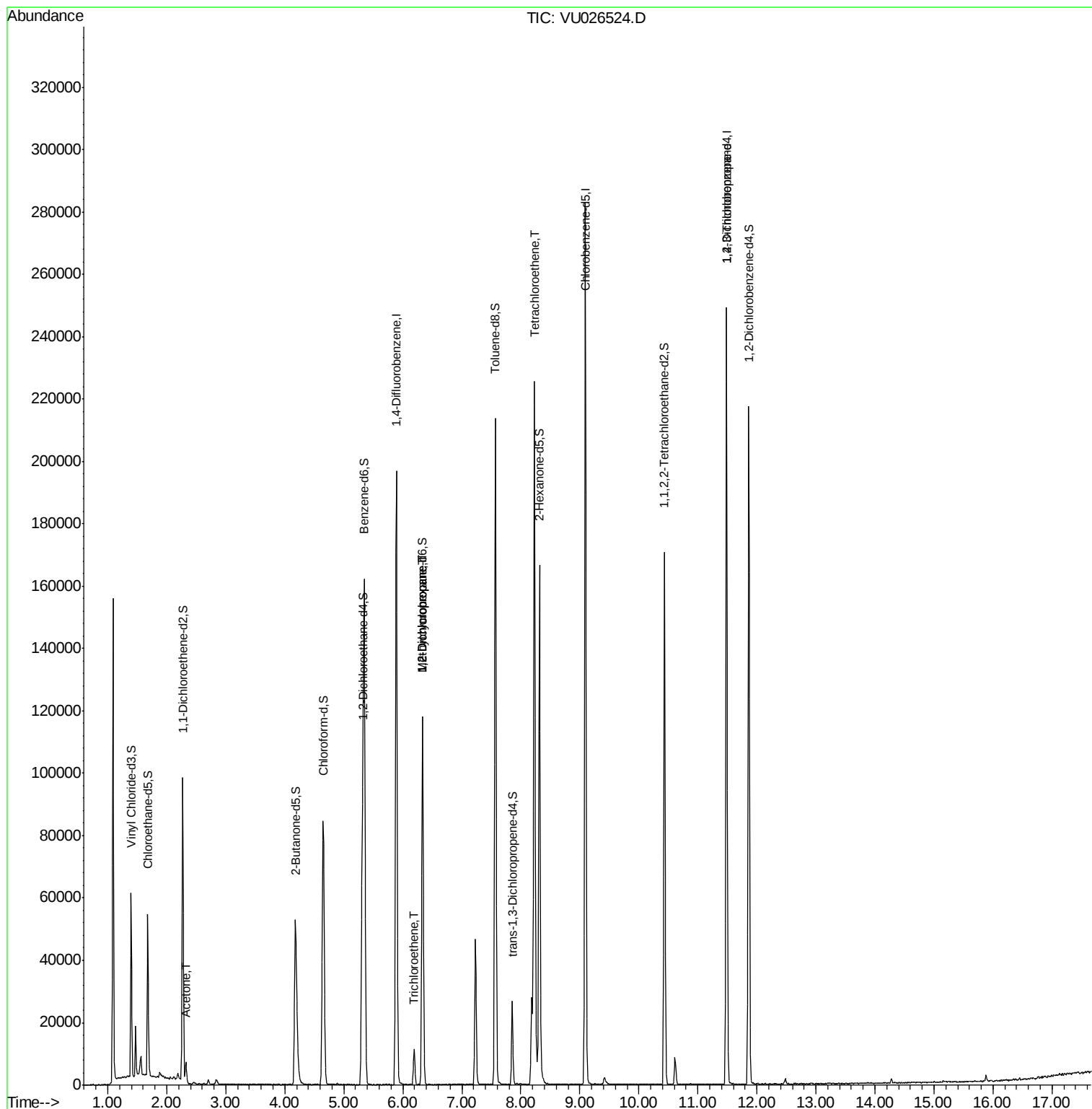
					Qvalue
13) Acetone	2.32	43	6458	9.438	ug/L 100
34) Trichloroethene	6.19	95	4215	3.815	ug/L 96
35) Methylcyclohexane	6.33	83	12898	7.476	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	6196	5.081	ug/L # 88
46) Tetrachloroethene	8.23	164	50059	55.419	ug/L 95
59) 1,2,3-Trichloropropane	11.49	75	7572	4.977	ug/L # 88

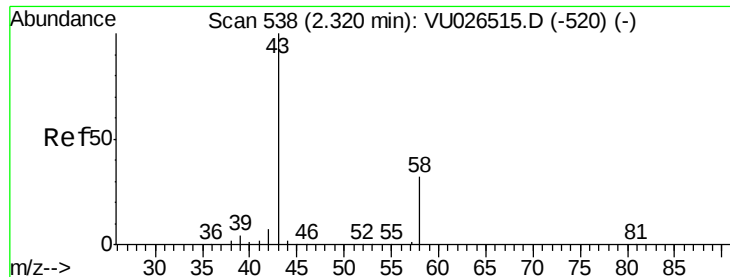
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.438 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

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Acq: 04 Sep 2018 14:44

Instrument :

MSVOA_U

ClientSampleId :

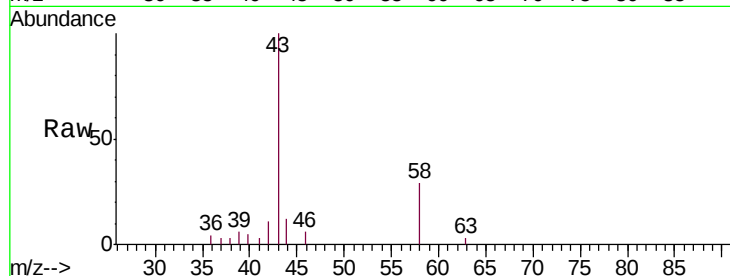
BEE26

Tgt Ion: 43 Resp: 6458

Ion Ratio Lower Upper

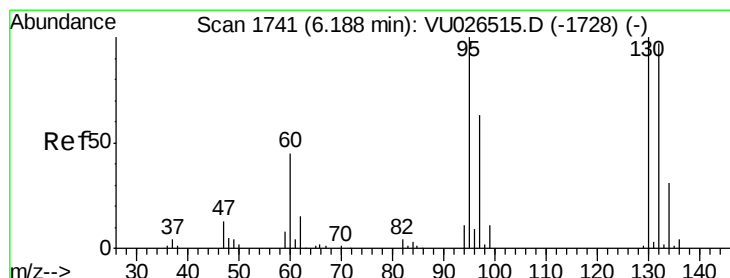
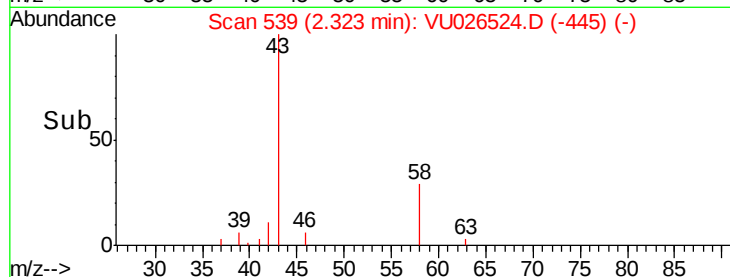
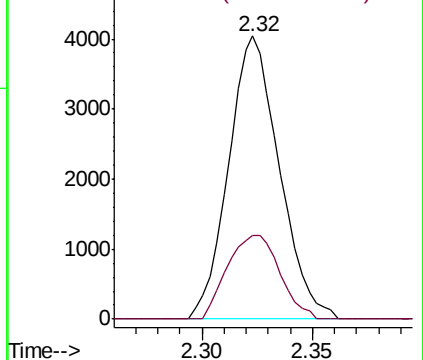
43 100

58 30.6 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026515.D (-520) (-)

Ion 58.00 (57.70 to 58.70): VU026515.D (-520) (-)



#34

Trichloroethene

Concen: 3.815 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026524.D

Acq: 04 Sep 2018 14:44

Tgt Ion: 95 Resp: 4215

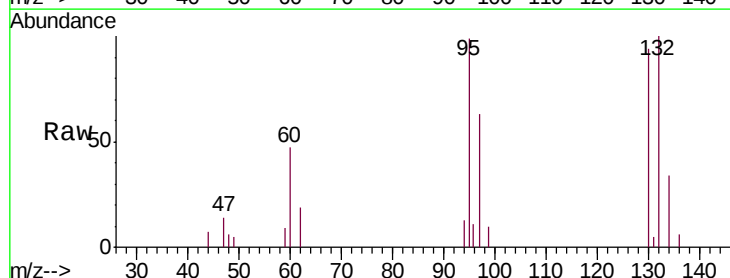
Ion Ratio Lower Upper

95 100

97 63.2 45.1 83.7

132 100.9 67.5 125.3

130 94.7 69.3 128.7

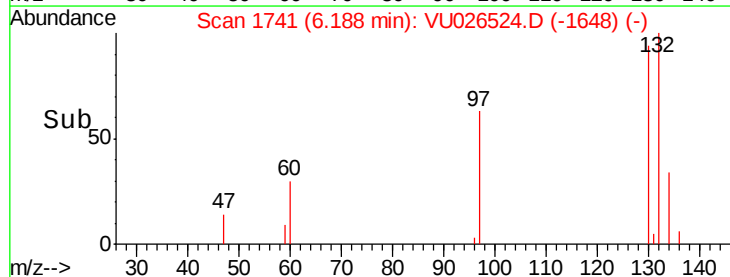
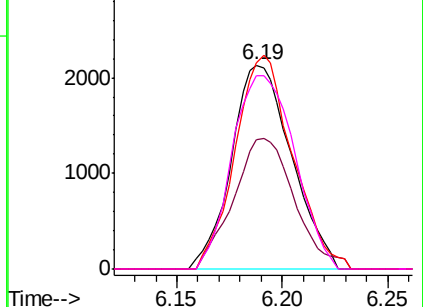


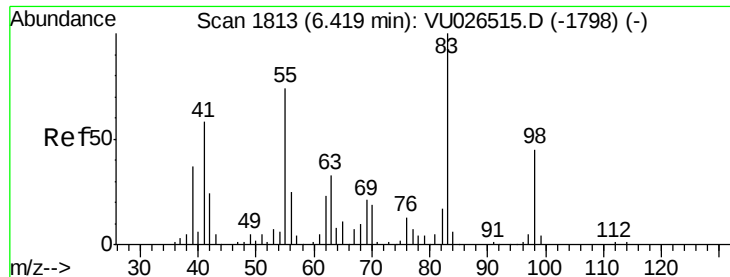
Abundance Ion 95.00 (94.70 to 95.70): VU026515.D (-1728) (-)

Ion 97.00 (96.70 to 97.70): VU026515.D (-1728) (-)

Ion 132.00 (131.70 to 132.70): VU026515.D (-1728) (-)

Ion 130.00 (129.70 to 130.70): VU026515.D (-1728) (-)





#35

Methylcyclohexane

Concen: 7.476 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026524.D

Acq: 04 Sep 2018 14:44

Instrument :

MSVOA_U

ClientSampled :

BEE26

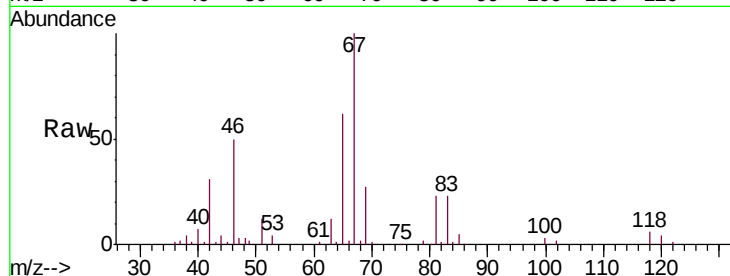
Tgt Ion: 83 Resp: 12898

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

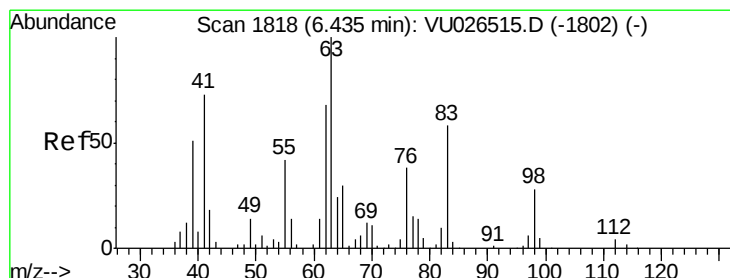
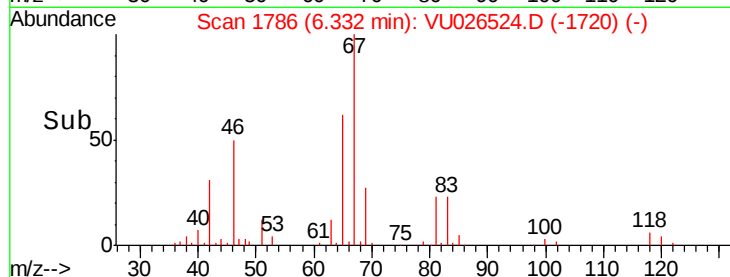
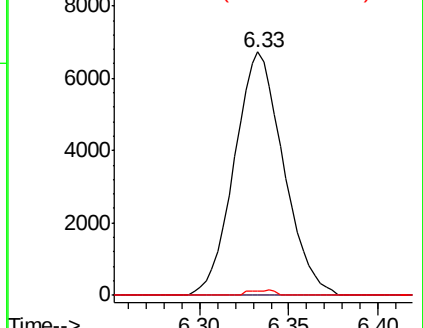
98 0.8 36.7 55.1#



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: 5.081 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU026524.D

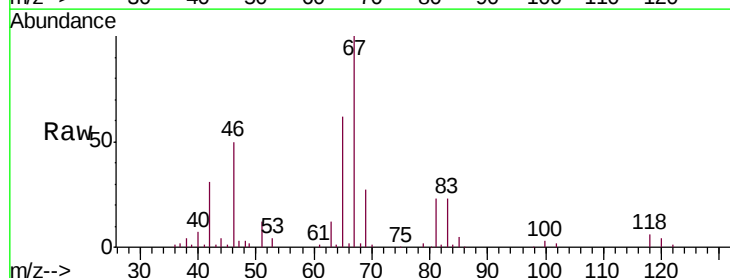
Acq: 04 Sep 2018 14:44

Tgt Ion: 63 Resp: 6196

Ion Ratio Lower Upper

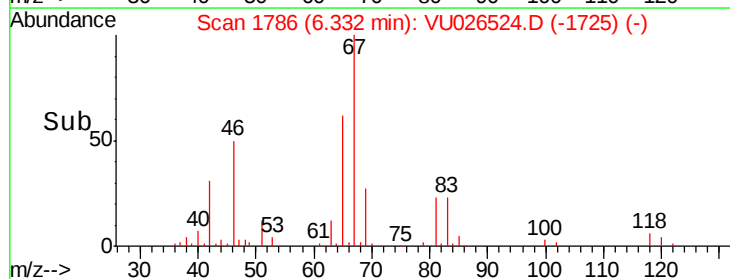
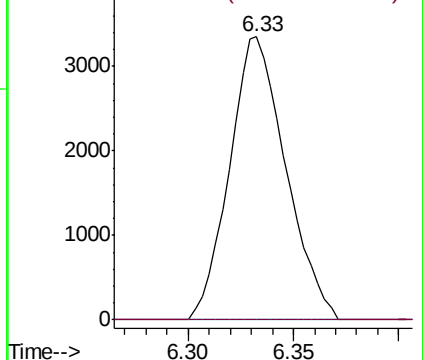
63 100

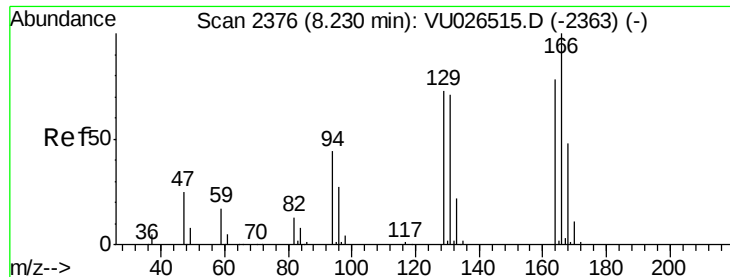
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

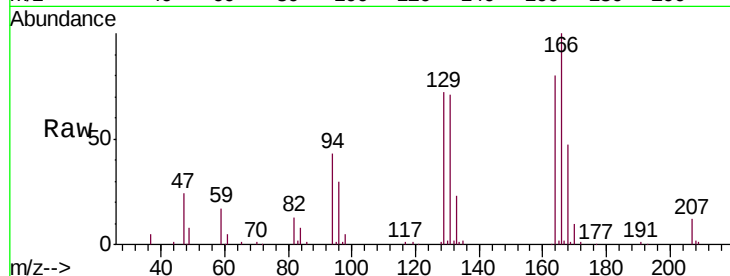




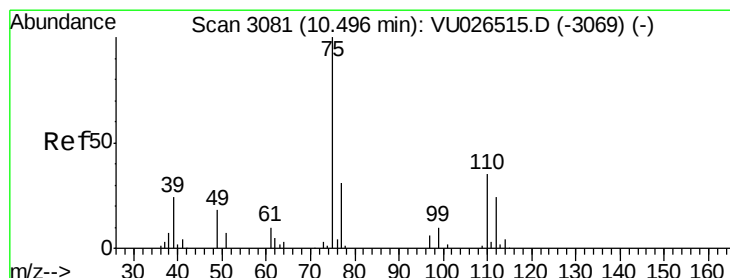
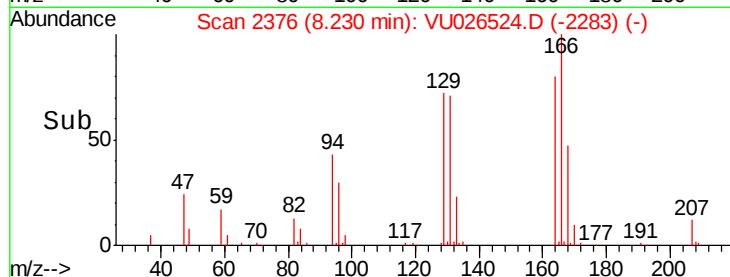
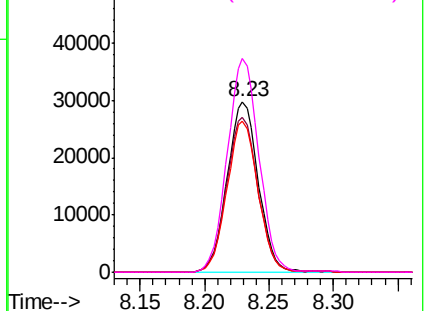
#46
Tetrachloroethene
Concen: 55.419 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU026524.D
Acq: 04 Sep 2018 14:44

Instrument :
MSVOA_U
ClientSampleId :
BEE26

Tgt Ion:164 Resp: 50059
Ion Ratio Lower Upper
164 100
129 90.6 67.3 125.1
131 88.7 65.3 121.3
166 125.0 90.9 168.7

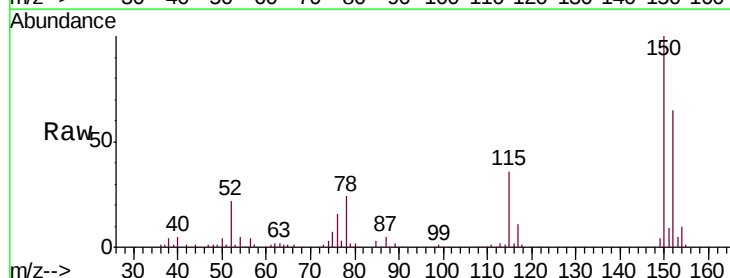


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 4.977 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026524.D
Acq: 04 Sep 2018 14:44

Tgt Ion: 75 Resp: 7572
Ion Ratio Lower Upper
75 100
77 38.2 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

