

Data File : VU026510.D
Acq On : 31 Aug 2018 19:17
Operator : MD/SY
Sample : J4691-17DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BEE14DL

Quant Time: Sep 01 01:06:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:02:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	147068	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	137088	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59245	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36856	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.90%
7) Chloroethane-d5	1.68	69	35664	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.68%
11) 1,1-Dichloroethene-d2	2.27	63	57201	27.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.74%#
21) 2-Butanone-d5	4.18	46	72684	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	4.65	84	79295	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
26) 1,2-Dichloroethane-d4	5.31	65	54953	47.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.92%
32) Benzene-d6	5.34	84	154384	48.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.72%
36) 1,2-Dichloropropane-d6	6.33	67	55096	50.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.52%
41) Toluene-d8	7.57	98	138402	45.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.76%
43) trans-1,3-Dichloropropene-	7.85	79	23533	47.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.96%
47) 2-Hexanone-d5	8.31	63	52505	105.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.47%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79408	49.66	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.32%
64) 1,2-Dichlorobenzene-d4	11.86	152	58021	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%

Target Compounds

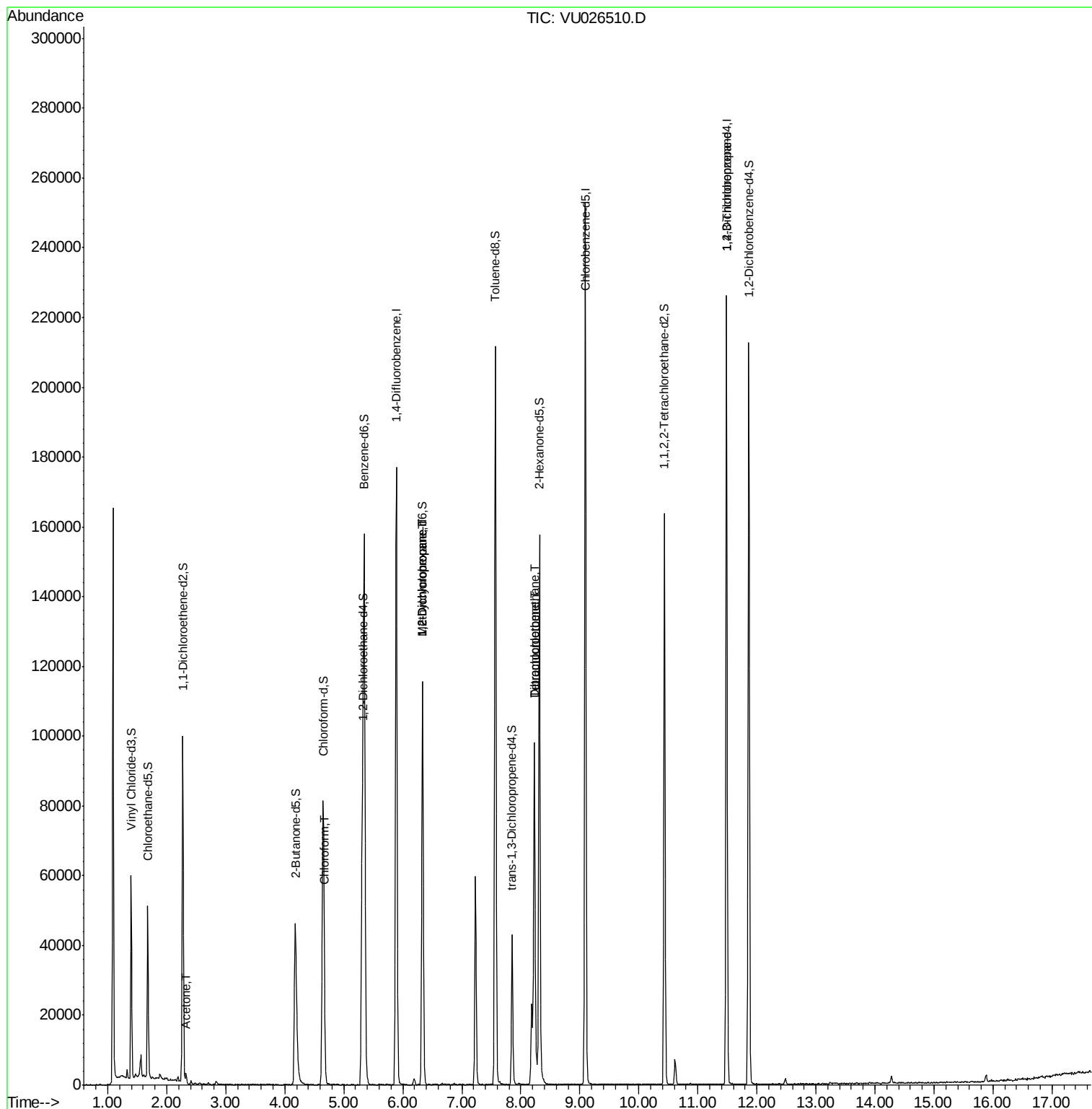
						Qvalue
13) Acetone	2.32	43	3114	5.085	ug/L	89
25) Chloroform	4.68	83	2365	1.241	ug/L	92
35) Methylcyclohexane	6.33	83	12418	8.067	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5594	5.141	ug/L #	88
46) Tetrachloroethene	8.23	164	20819	25.831	ug/L	99
49) Dibromochloromethane	8.23	129	19184	17.082	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6849	5.045	ug/L #	86

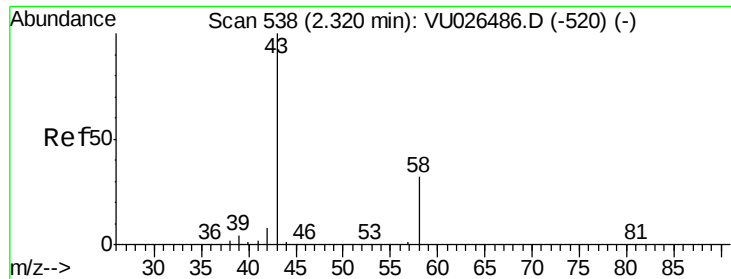
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.085 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026510.D

Acq: 31 Aug 2018 19:17

Instrument :

MSVOA_U

ClientSampleId :

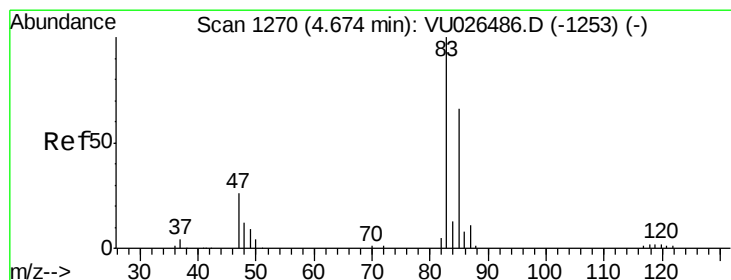
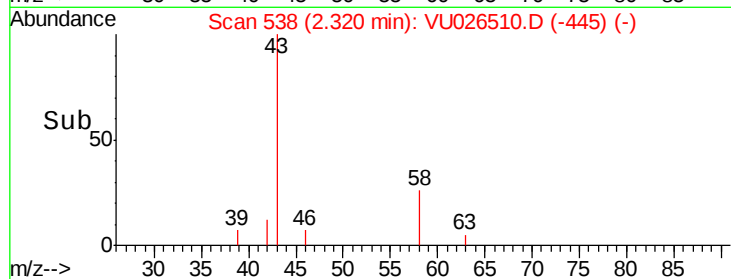
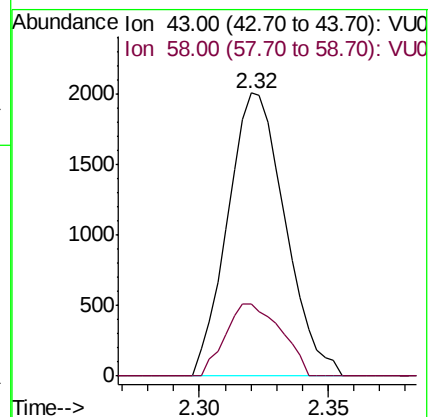
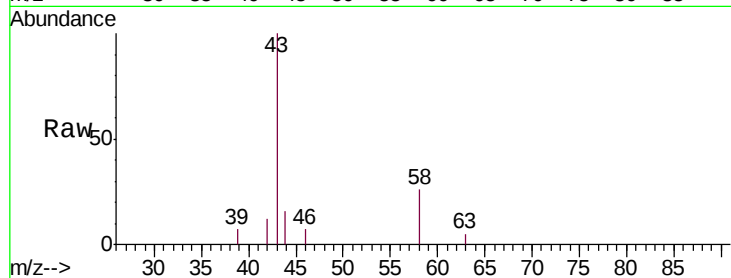
BEE14DL

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

58 24.7 0.0 61.2



#25

Chloroform

Concen: 1.241 ug/L

RT: 4.68 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VU026510.D

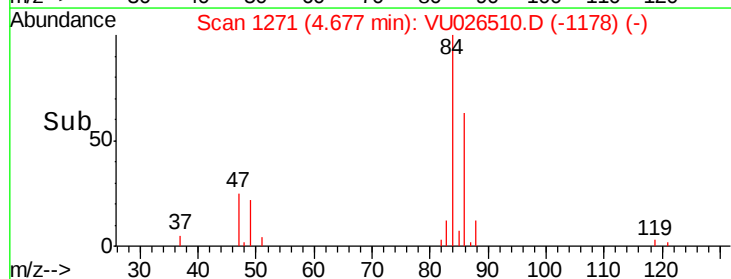
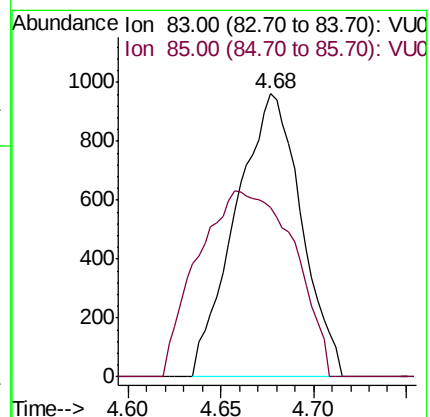
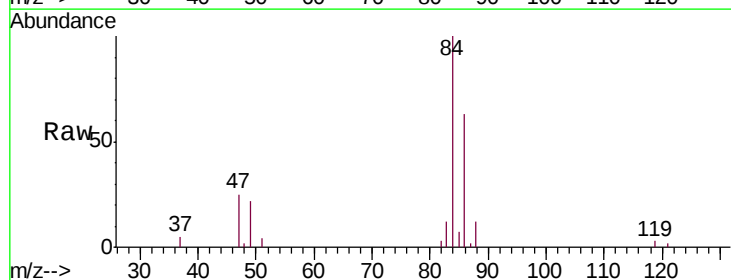
Acq: 31 Aug 2018 19:17

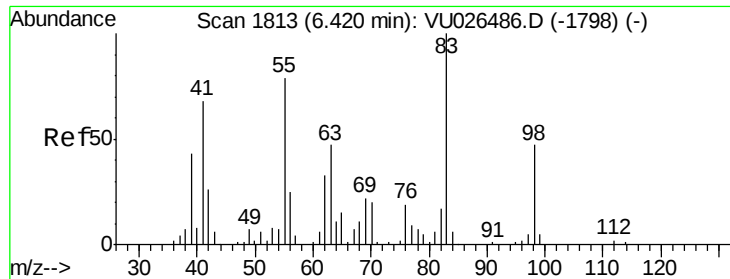
Tgt Ion: 83 Resp: 2365

Ion Ratio Lower Upper

83 100

85 60.0 46.5 86.5

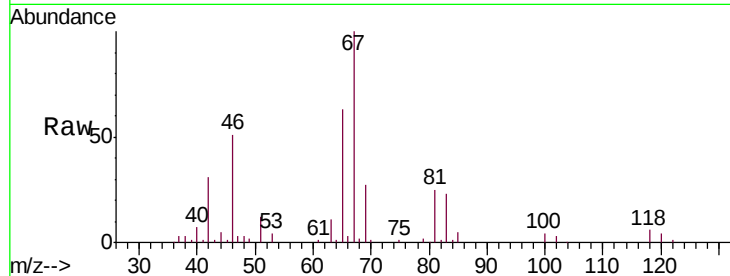




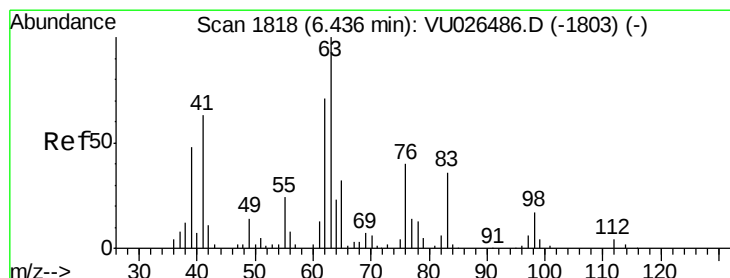
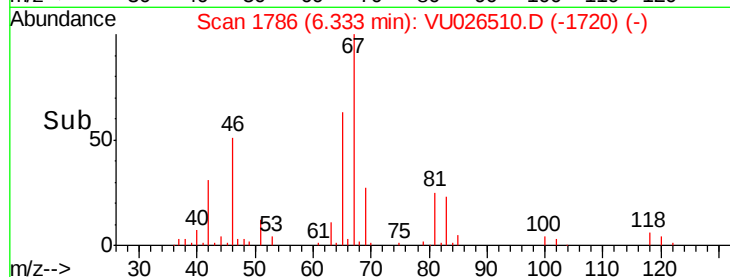
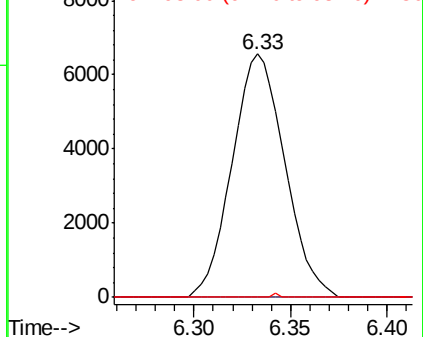
#35
Methylcyclohexane
Concen: 8.067 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026510.D
Acq: 31 Aug 2018 19:17

Instrument :
MSVOA_U
ClientSampleId :
BEE14DL

Tgt Ion: 83 Resp: 12418
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

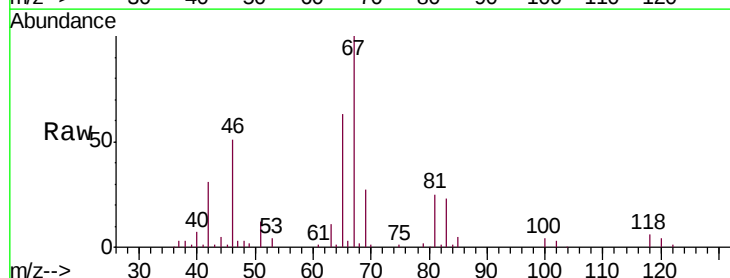


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

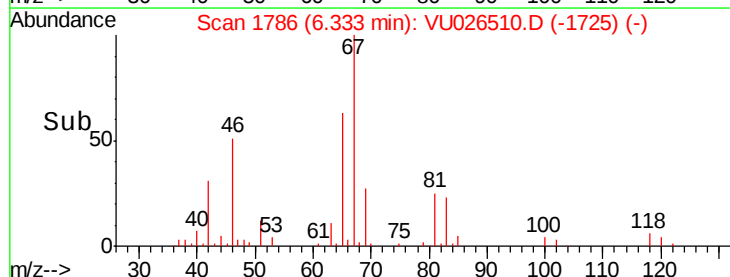
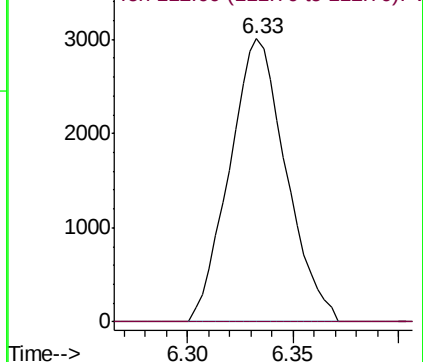


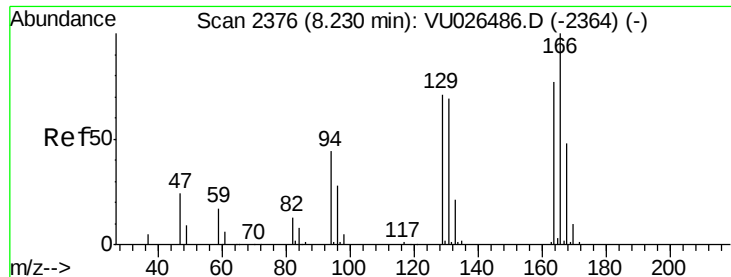
#37
1,2-Dichloropropane
Concen: 5.141 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026510.D
Acq: 31 Aug 2018 19:17

Tgt Ion: 63 Resp: 5594
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

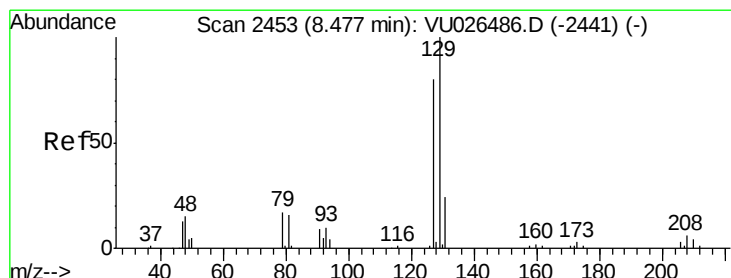
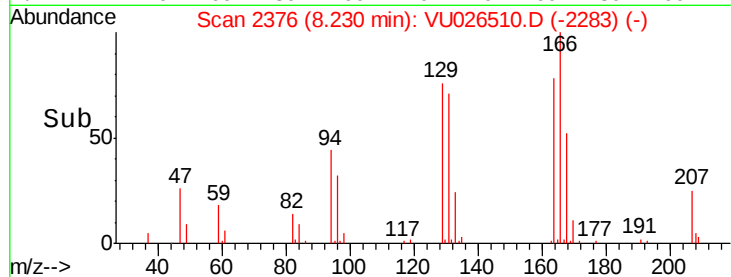
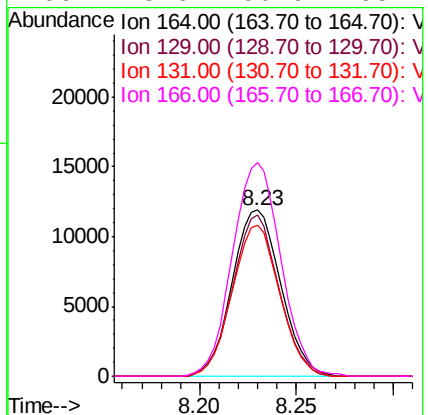
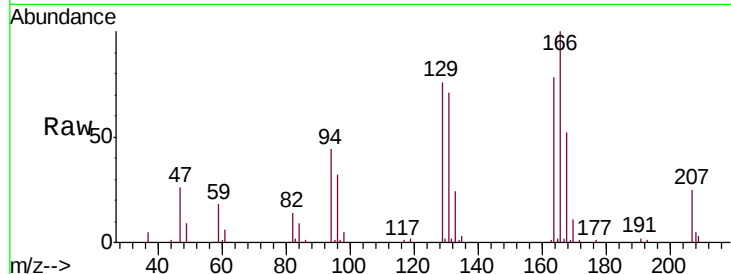




#46
Tetrachloroethene
Concen: 25.831 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. 0.00 min
Lab File: VU026510.D
Acq: 31 Aug 2018 19:17

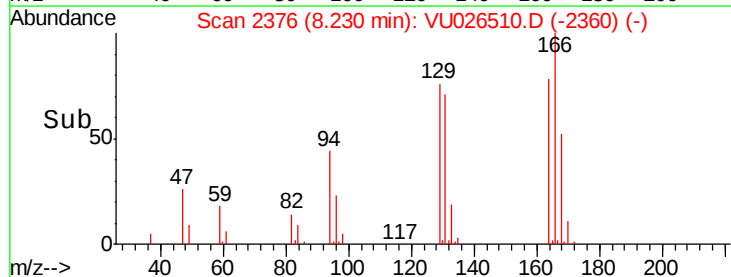
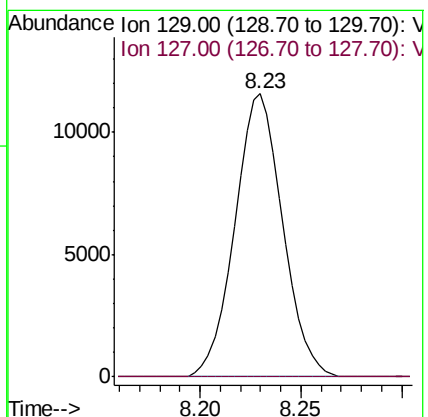
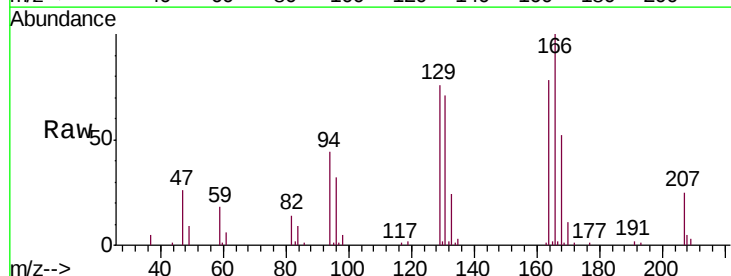
Instrument :
MSVOA_U
ClientSampleId :
BEE14DL

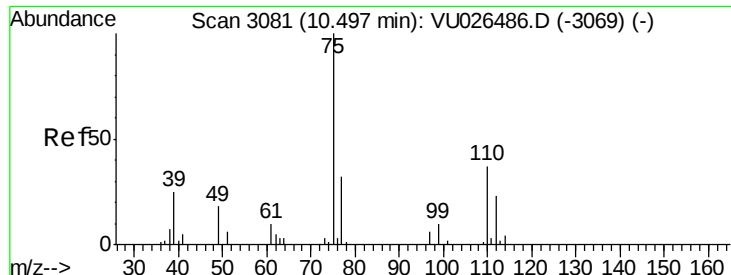
Tgt Ion:164 Resp: 20819
Ion Ratio Lower Upper
164 100
129 97.3 67.3 125.1
131 91.3 65.3 121.3
166 128.6 90.9 168.7



#49
Dibromochloromethane
Concen: 17.082 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026510.D
Acq: 31 Aug 2018 19:17

Tgt Ion:129 Resp: 19184
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.045 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026510.D

Acq: 31 Aug 2018 19:17

Instrument :

MSVOA_U

ClientSampleId :

BEE14DL

Tgt Ion: 75 Resp: 6849

Ion Ratio Lower Upper

75 100

77 39.2 25.0 37.6#

