

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026467.D
 Acq On : 30 Aug 2018 23:32
 Operator : MD/SY
 Sample : J4691-07DL 10X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:44:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 05:38:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	145707	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	61769	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41115	42.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.94%
7) Chloroethane-d5	1.68	69	37843	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.58%
11) 1,1-Dichloroethene-d2	2.27	63	54969	25.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.02%#
21) 2-Butanone-d5	4.18	46	66308	89.29	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.29%
24) Chloroform-d	4.65	84	75956	42.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.06%
26) 1,2-Dichloroethane-d4	5.31	65	53172	44.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.38%
32) Benzene-d6	5.34	84	151817	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.42%
36) 1,2-Dichloropropane-d6	6.33	67	52596	45.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.18%
41) Toluene-d8	7.57	98	138512	42.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.46%
43) trans-1,3-Dichloropropene-	7.85	79	21770	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
47) 2-Hexanone-d5	8.31	63	48301	91.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.29%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72491	42.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	53949	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

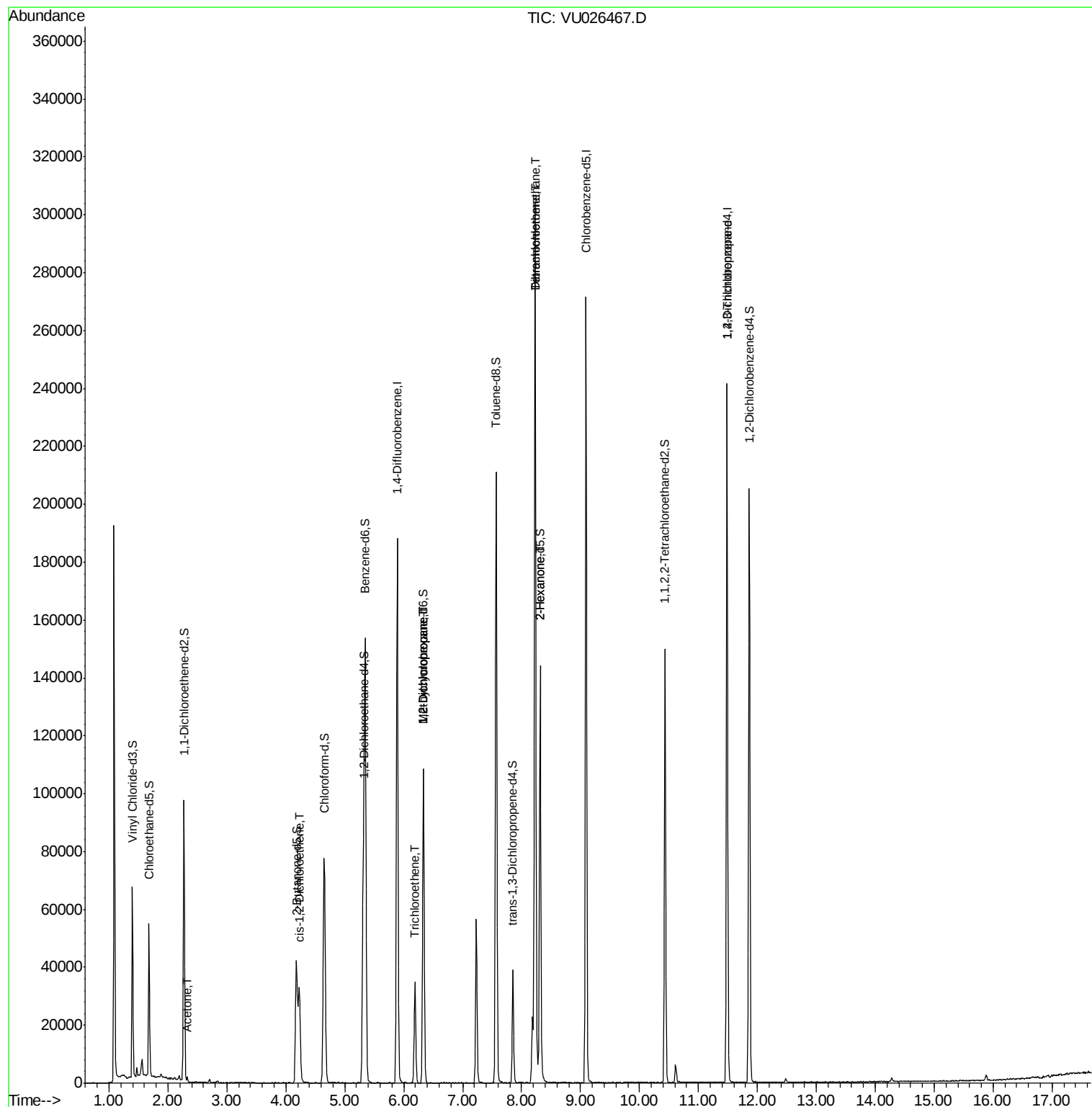
					Ovalue
13) Acetone	2.32	43	1084	1.686	ug/L 90
20) cis-1,2-Dichloroethene	4.23	96	16779	15.022	ug/L 96
34) Trichloroethene	6.19	95	12455	11.887	ug/L 98
35) Methylcyclohexane	6.33	83	11686	7.143	ug/L # 18
37) 1,2-Dichloropropane	6.33	63	5349	4.625	ug/L # 88
46) Tetrachloroethene	8.23	164	66143	77.212	ug/L 97
48) 2-Hexanone	8.31	43	5903	4.806	ug/L # 66
49) Dibromochloromethane	8.23	129	60843	50.971	ug/L # 10
59) 1,2,3-Trichloropropane	11.48	75	7537	5.223	ug/L 90

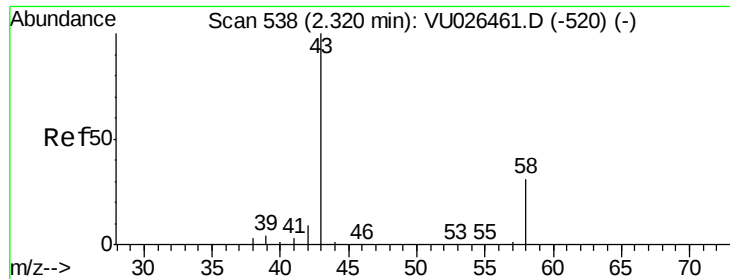
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 05:38:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.686 ug/L

RT: 2.32 min Scan# 538

Delta R.T. -0.00 min

Lab File: VU026467.D

Acq: 30 Aug 2018 23:32

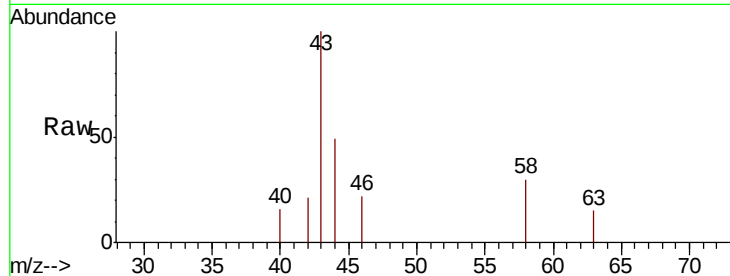
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 1084

Ion Ratio Lower Upper

43 100

58 25.1 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

2.32

800

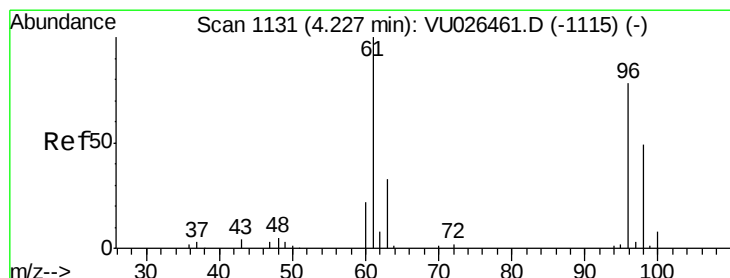
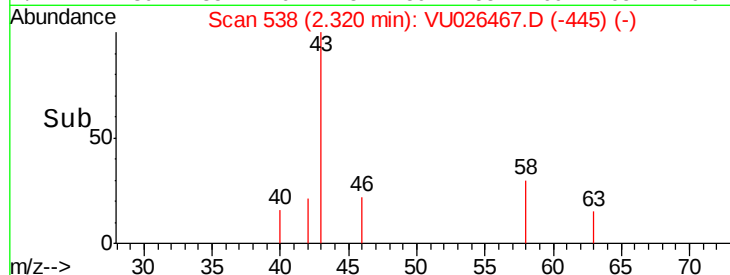
600

400

200

0

Time-->



#20

cis-1,2-Dichloroethene

Concen: 15.022 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU026467.D

Acq: 30 Aug 2018 23:32

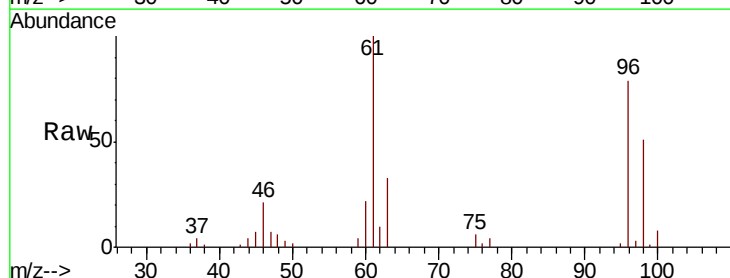
Tgt Ion: 96 Resp: 16779

Ion Ratio Lower Upper

96 100

61 126.6 91.6 170.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

12000

10000

8000

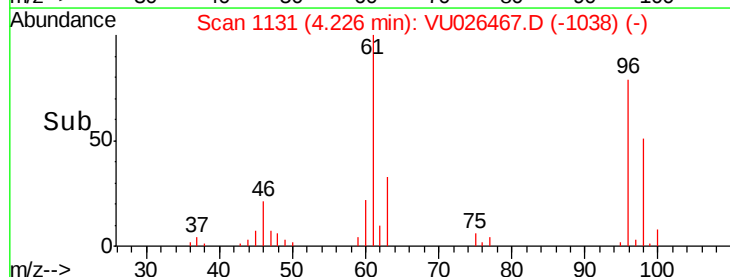
6000

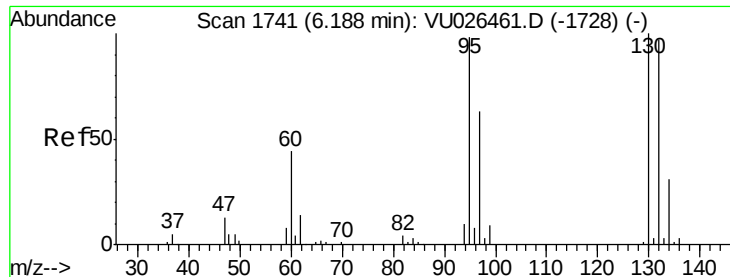
4000

2000

0

Time-->

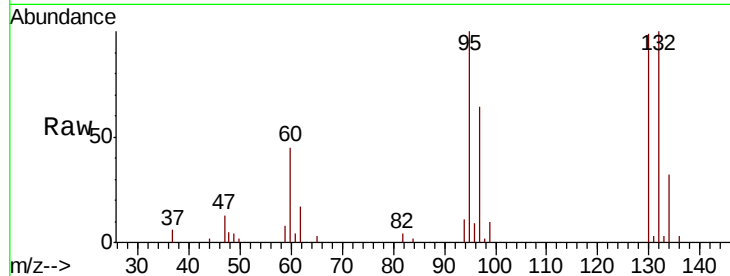




#34
 Trichloroethene
 Concen: 11.887 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026467.D
 Acq: 30 Aug 2018 23:32

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	95	Resp:	12455
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.1	83.7
132	99.9	67.5	125.3
130	98.8	69.3	128.7



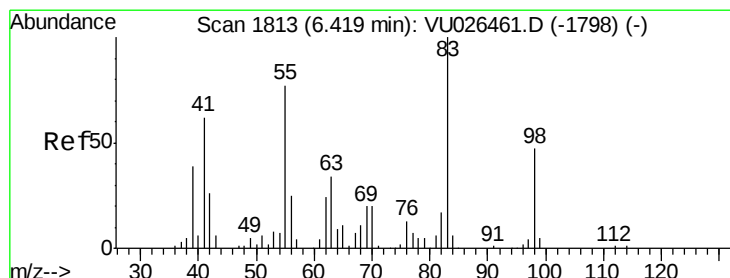
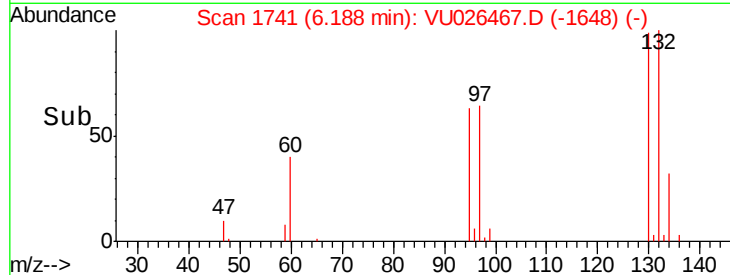
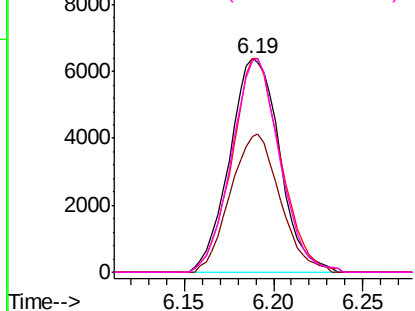
Abundance

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

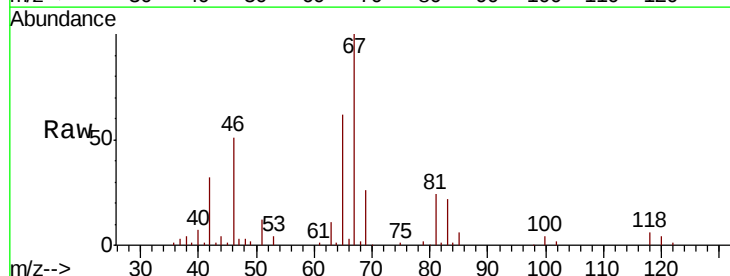
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35
 Methylcyclohexane
 Concen: 7.143 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.09 min
 Lab File: VU026467.D
 Acq: 30 Aug 2018 23:32

Tgt Ion:	83	Resp:	11686
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.3	94.9#
98	0.6	36.7	55.1#

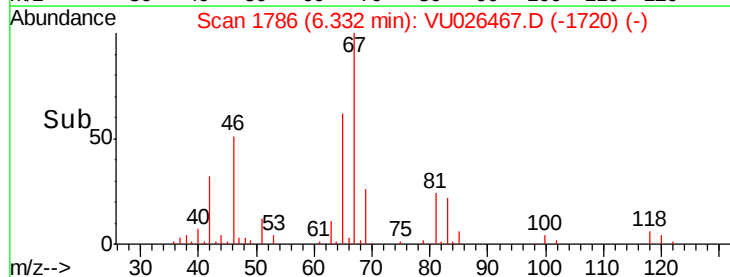
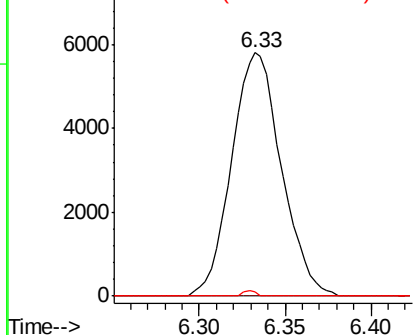


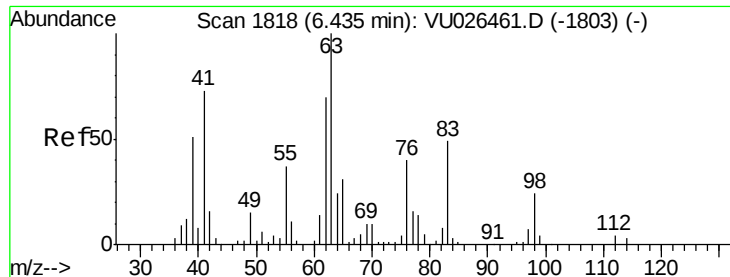
Abundance

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

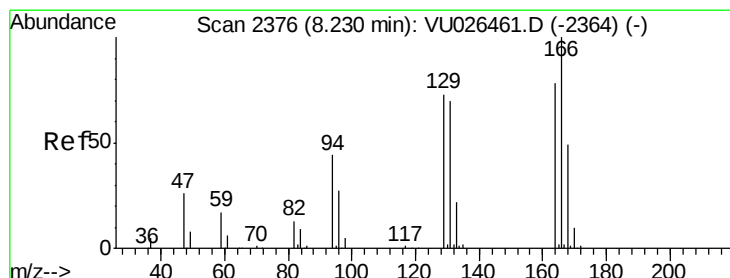
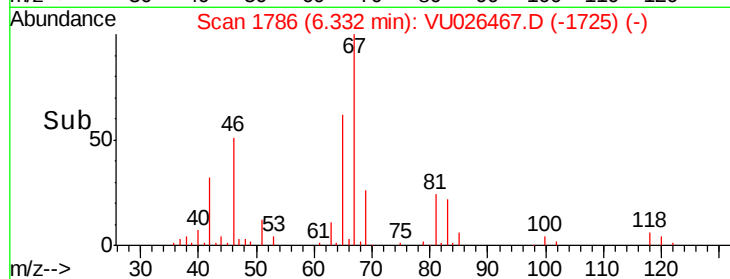
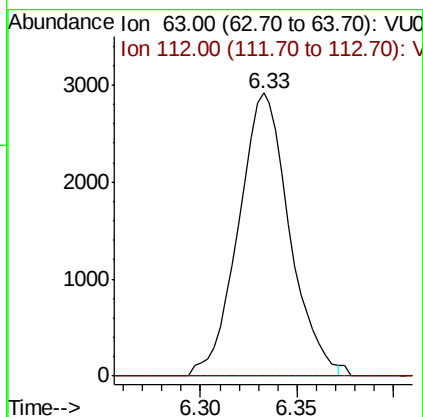
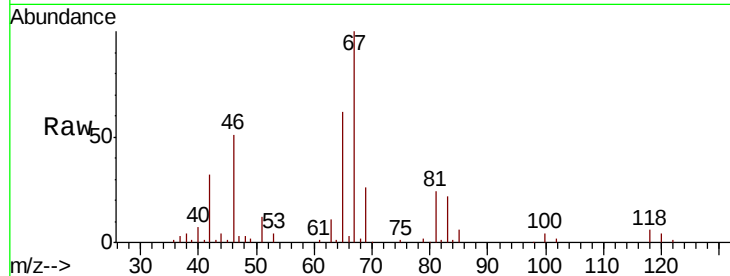




#37
 1,2-Dichloropropane
 Concen: 4.625 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026467.D
 Acq: 30 Aug 2018 23:32

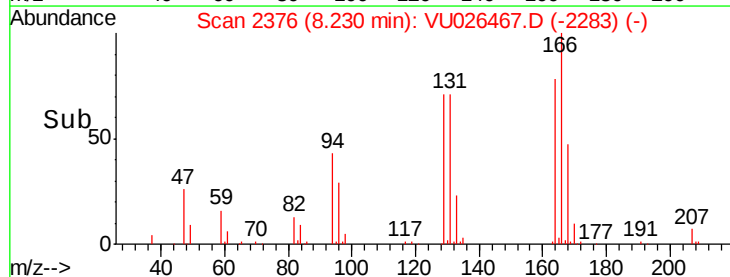
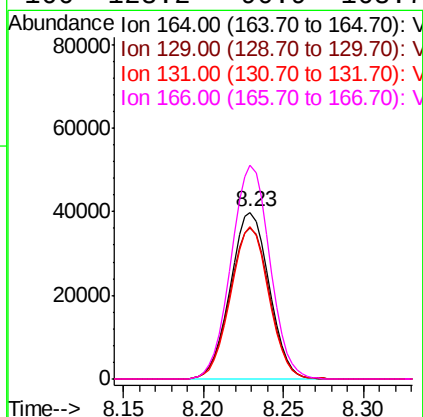
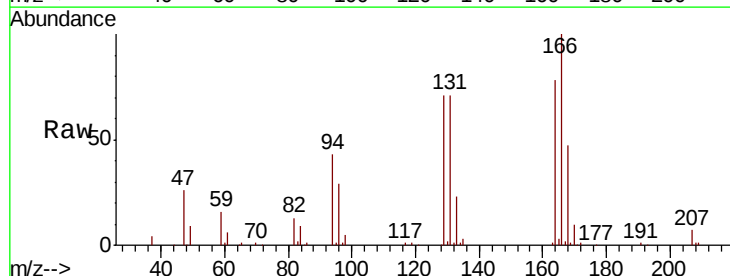
Instrument :
 MSVOA_U
 ClientSampleId :

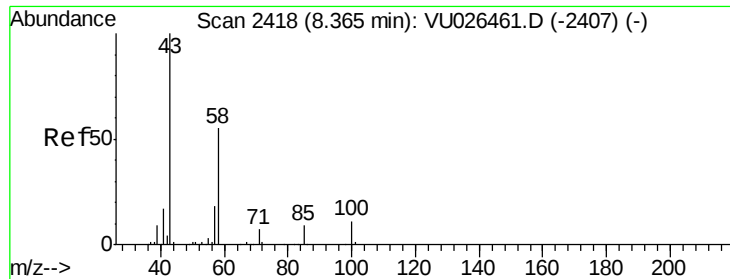
Tot Ion: 63 Resp: 5349
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 77.212 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: VU026467.D
 Acq: 30 Aug 2018 23:32

Tgt Ion:164 Resp: 66143
 Ion Ratio Lower Upper
 164 100
 129 90.4 67.3 125.1
 131 91.1 65.3 121.3
 166 128.2 90.9 168.7

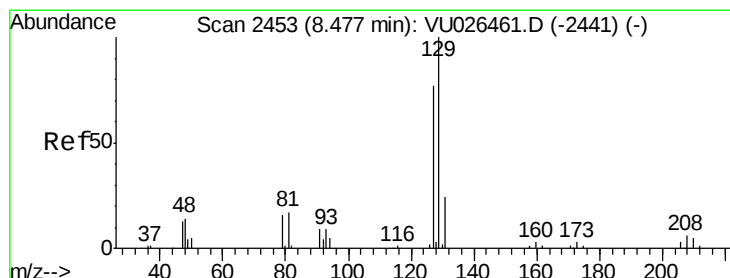
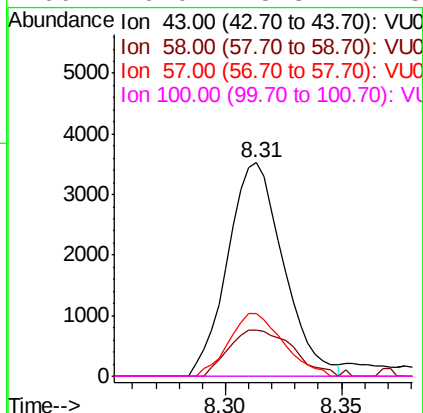
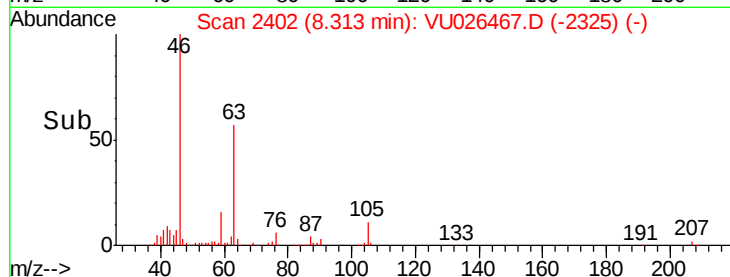
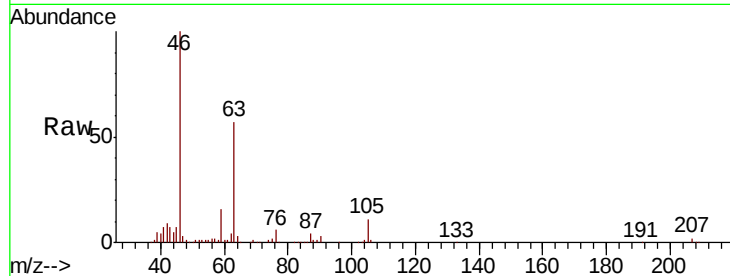




#48
2-Hexanone
Concen: 4.806 ug/L
RT: 8.31 min Scan# 2402
Delta R.T. -0.05 min
Lab File: VU026467.D
Acq: 30 Aug 2018 23:32

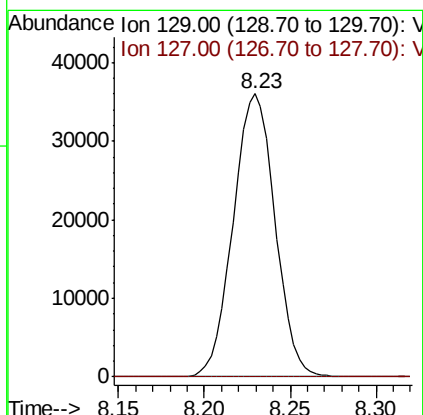
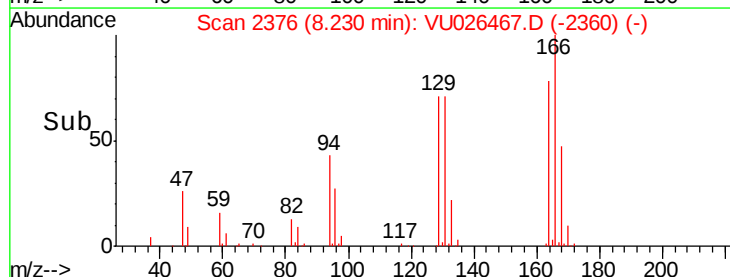
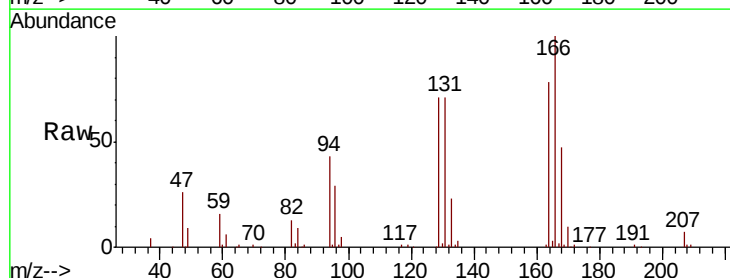
Instrument :
MSVOA_U
ClientSampleId :

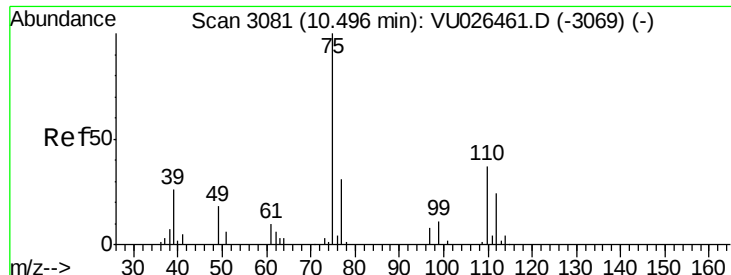
Tot Ion: 43 Resp: 5903
Ion Ratio Lower Upper
43 100
58 24.8 42.2 63.4#
57 28.6 14.6 21.8#
100 0.0 8.3 12.5#



#49
Dibromochloromethane
Concen: 50.971 ug/L
RT: 8.23 min Scan# 2376
Delta R.T. -0.25 min
Lab File: VU026467.D
Acq: 30 Aug 2018 23:32

Tgt Ion: 129 Resp: 60843
Ion Ratio Lower Upper
129 100
127 0.0 55.0 102.2#





#59

1,2,3-Trichloropropane

Concen: 5.223 ug/L

RT: 11.48 min Scan# 3388

Delta R.T. 0.99 min

Lab File: VU026467.D

Acq: 30 Aug 2018 23:32

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 7537

Ion Ratio Lower Upper

75 100

77 37.0 25.0 37.6

