

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026471.D
 Acq On : 31 Aug 2018 01:05
 Operator : MD/SY
 Sample : J4694-10 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:45:26 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	151110	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	141225	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61745	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	40308	43.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.10%
7) Chloroethane-d5	1.68	69	37033	43.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.27	63	58921	27.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.90%#
21) 2-Butanone-d5	4.18	46	66221	91.13	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.13%
24) Chloroform-d	4.65	84	75005	42.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.84%
26) 1,2-Dichloroethane-d4	5.31	65	52053	44.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.44%
32) Benzene-d6	5.34	84	150869	46.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.70%
36) 1,2-Dichloropropane-d6	6.33	67	52334	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.60%
41) Toluene-d8	7.57	98	137101	43.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.26%
43) trans-1,3-Dichloropropene-	7.85	79	22016	43.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.24%
47) 2-Hexanone-d5	8.31	63	47740	93.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.09%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	72914	44.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	54050	48.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.50%

Target Compounds

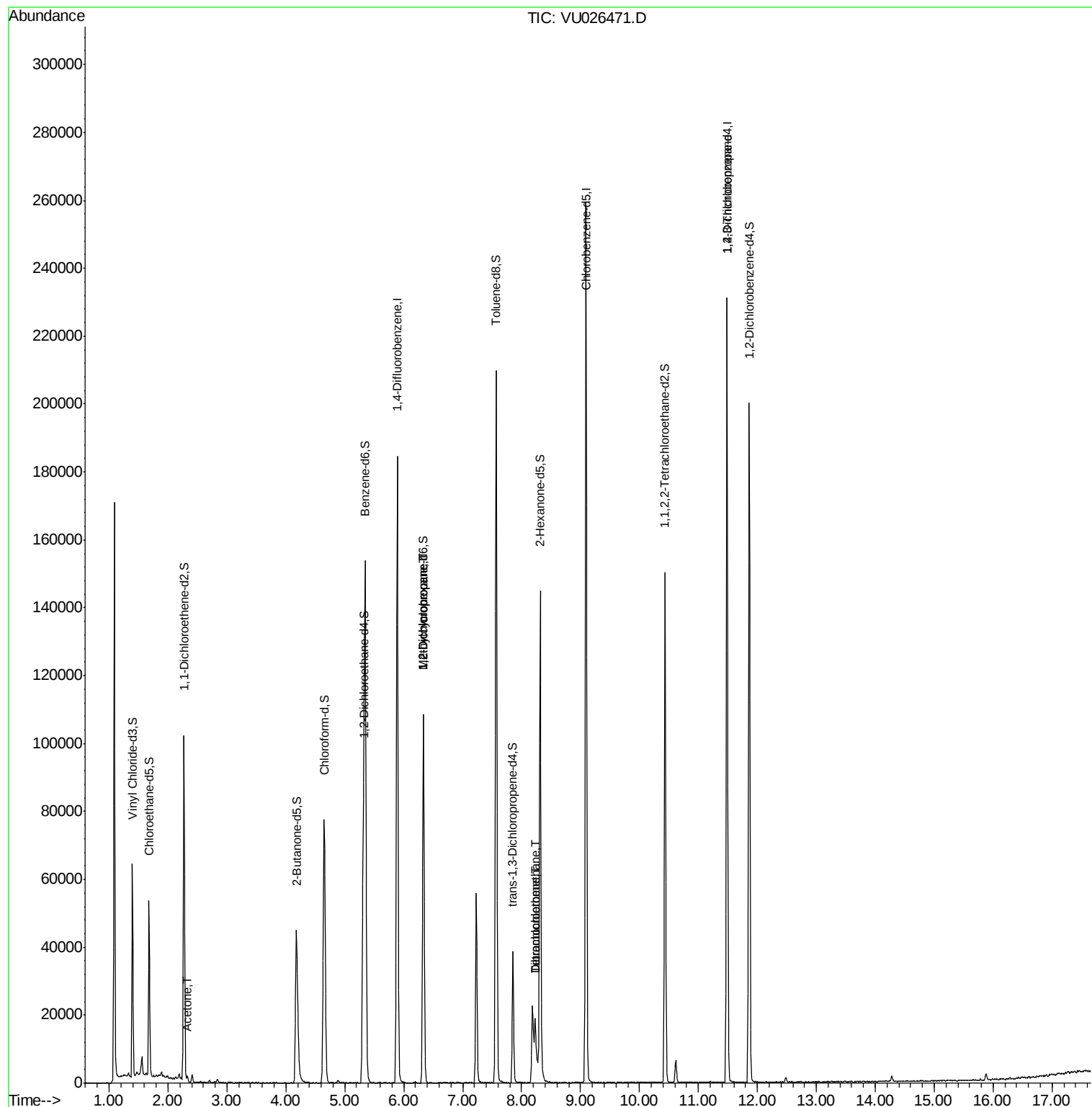
					Ovalue
13) Acetone	2.32	43	1430	2.273 ug/L	95
35) Methylcyclohexane	6.33	83	11752	7.411 ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5439	4.853 ug/L #	88
46) Tetrachloroethene	8.23	164	2872	3.459 ug/L	86
49) Dibromochloromethane	8.23	129	2559	2.212 ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	7099	5.076 ug/L	90

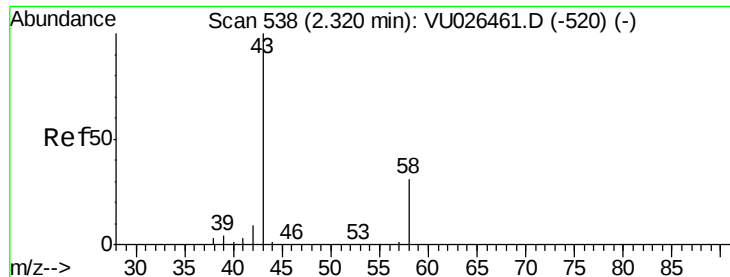
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.273 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026471.D

Acq: 31 Aug 2018 01:05

Instrument :

MSVOA_U

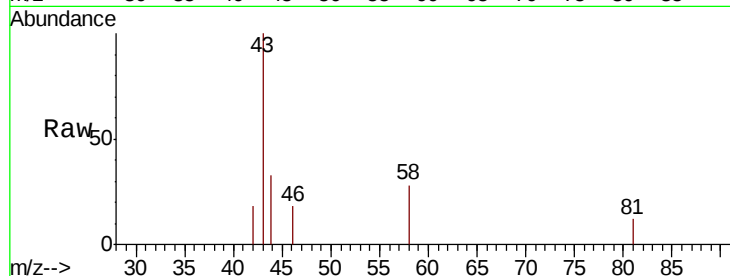
ClientSampled :

Tot Ion: 43 Resp: 1430

Ion Ratio Lower Upper

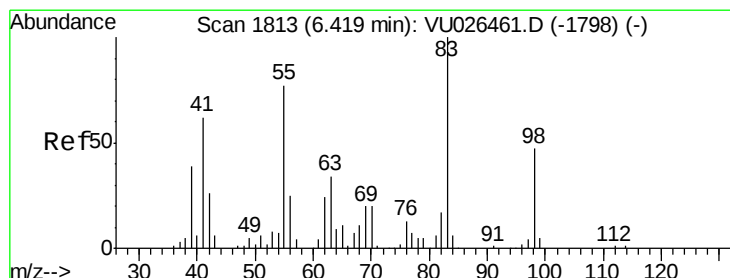
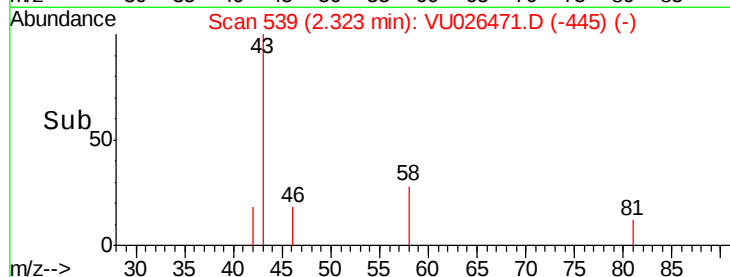
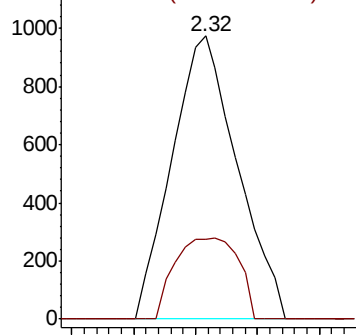
43 100

58 27.8 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#35

Methylcyclohexane

Concen: 7.411 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU026471.D

Acq: 31 Aug 2018 01:05

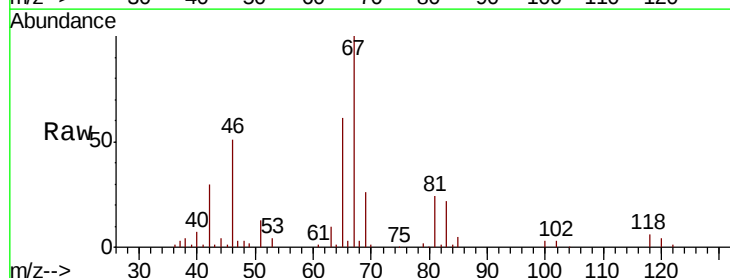
Tgt Ion: 83 Resp: 11752

Ion Ratio Lower Upper

83 100

55 0.0 63.3 94.9#

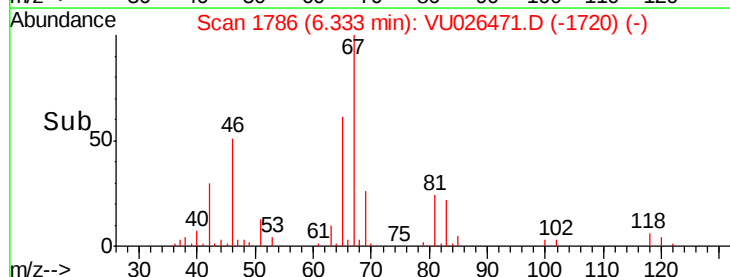
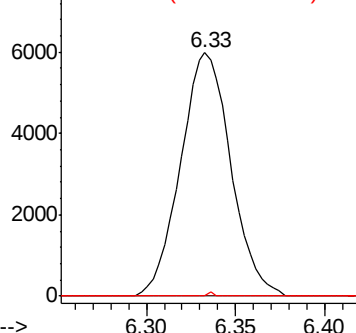
98 0.0 36.7 55.1#

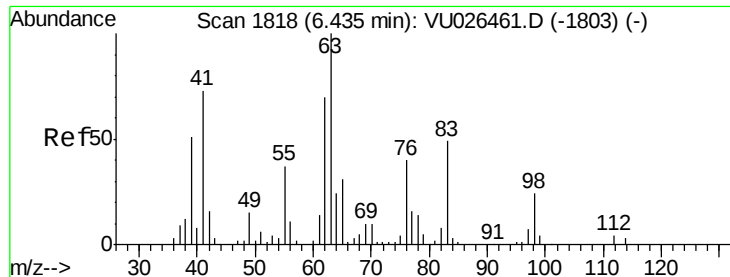


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

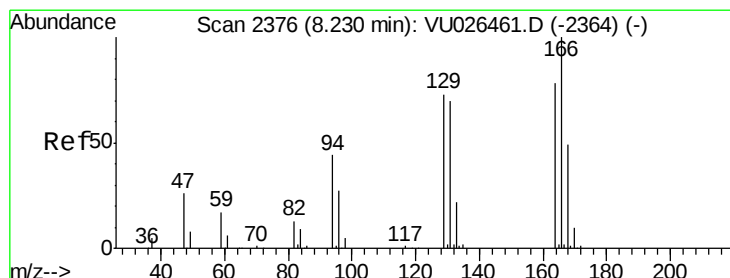
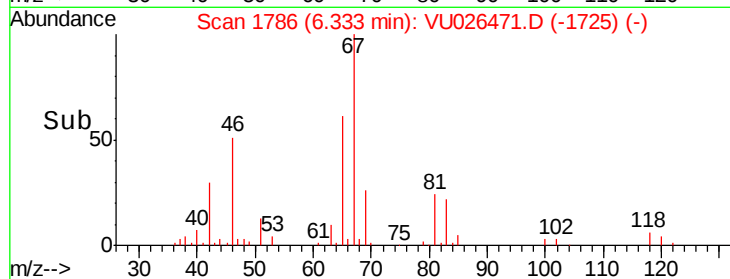
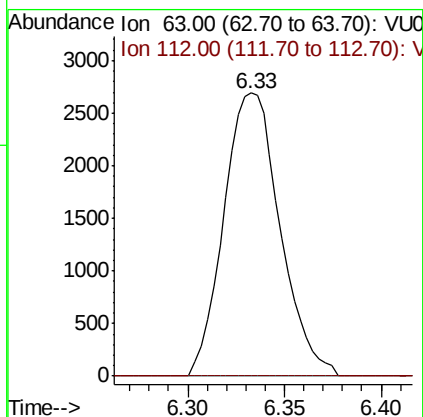
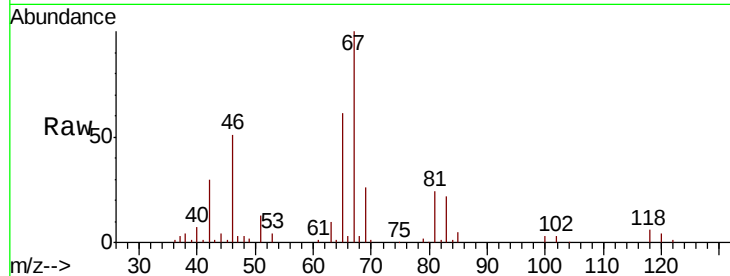




#37
 1,2-Dichloropropane
 Concen: 4.853 ug/L
 RT: 6.33 min Scan# 1786
 Delta R.T. -0.10 min
 Lab File: VU026471.D
 Acq: 31 Aug 2018 01:05

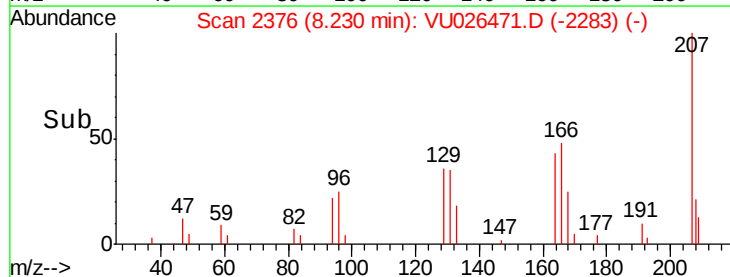
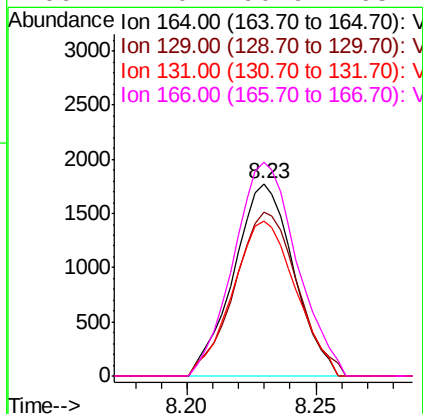
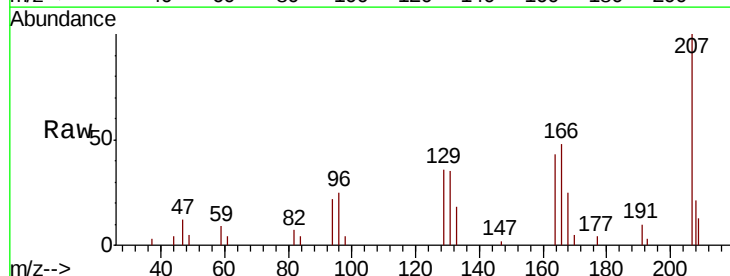
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 ClientSampleId :

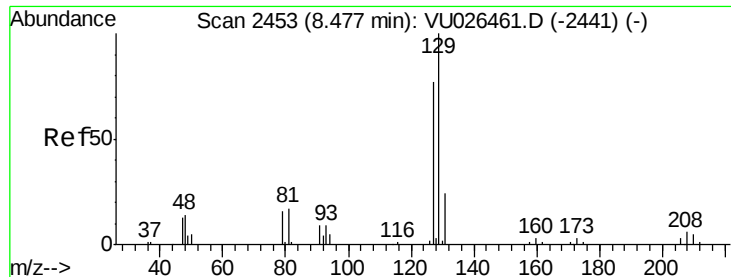
Tot Ion: 63 Resp: 5439
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#46
 Tetrachloroethene
 Concen: 3.459 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026471.D
 Acq: 31 Aug 2018 01:05

Tgt Ion:164 Resp: 2872
 Ion Ratio Lower Upper
 164 100
 129 85.0 67.3 125.1
 131 80.8 65.3 121.3
 166 111.0 90.9 168.7

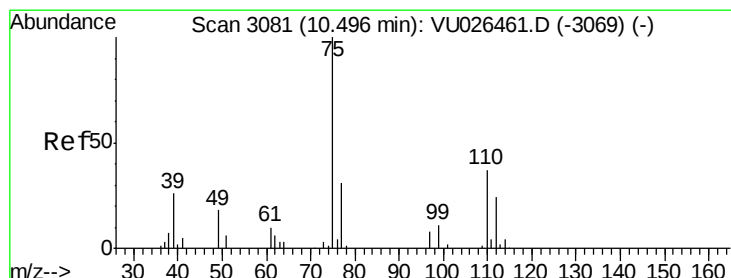
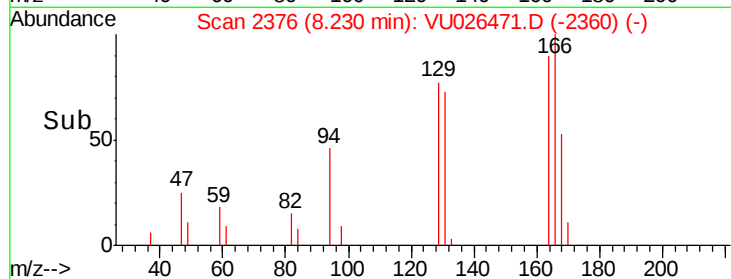
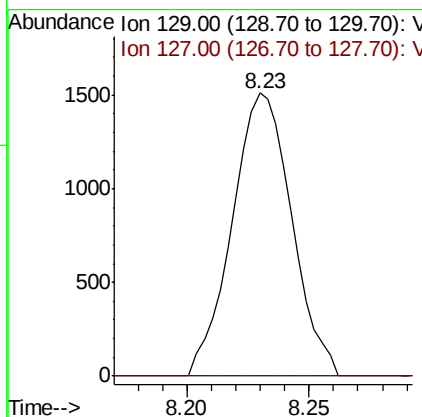
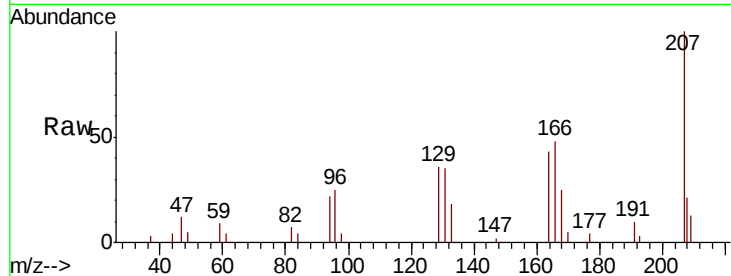




#49
 Dibromochloromethane
 Concen: 2.212 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026471.D
 Acq: 31 Aug 2018 01:05

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:129 Resp: 2559
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.0 102.2#



#59
 1,2,3-Trichloropropane
 Concen: 5.076 ug/L
 RT: 11.48 min Scan# 3388
 Delta R.T. 0.99 min
 Lab File: VU026471.D
 Acq: 31 Aug 2018 01:05

Tgt Ion: 75 Resp: 7099
 Ion Ratio Lower Upper
 75 100
 77 37.1 25.0 37.6

