

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083018\
 Data File : VU026479.D
 Acq On : 31 Aug 2018 04:10
 Operator : MD/SY
 Sample : J4694-18 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 31 05:46:20 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	158205	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	148531	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	62695	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38253	39.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.06%
7) Chloroethane-d5	1.68	69	35854	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.00%
11) 1,1-Dichloroethene-d2	2.27	63	56952	25.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	51.60%#
21) 2-Butanone-d5	4.18	46	64870	85.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.27%
24) Chloroform-d	4.65	84	74501	40.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.48%
26) 1,2-Dichloroethane-d4	5.31	65	51353	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
32) Benzene-d6	5.34	84	149081	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
36) 1,2-Dichloropropane-d6	6.33	67	51015	43.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.76%
41) Toluene-d8	7.57	98	135132	40.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.78%
43) trans-1,3-Dichloropropene-	7.85	79	21327	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.42%
47) 2-Hexanone-d5	8.31	63	46496	86.20	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	71355	41.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	52882	46.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.98%

Target Compounds

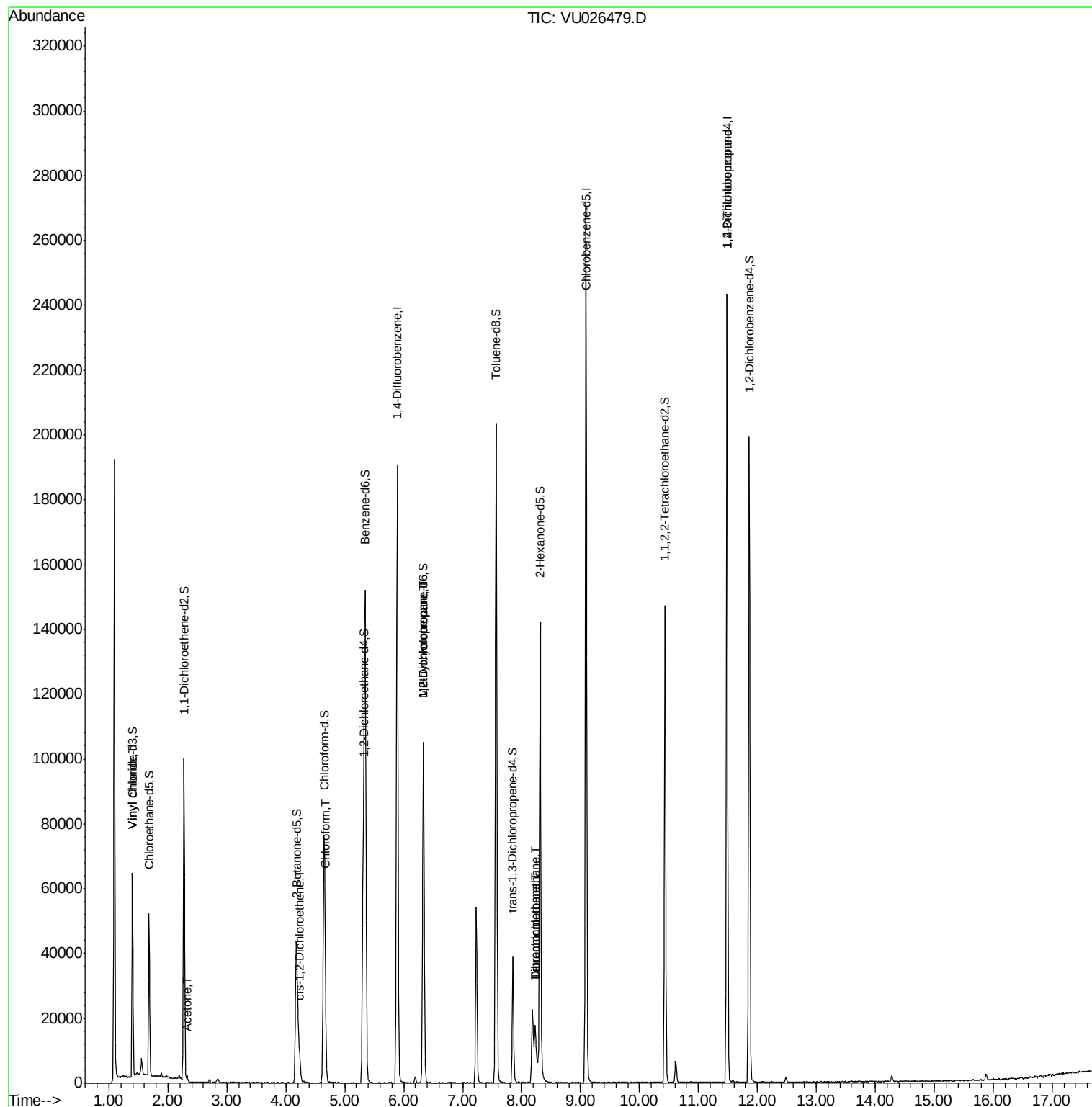
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.40	62	2158	1.307	ug/L #	63
13) Acetone	2.32	43	1132	1.718	ug/L	97
20) cis-1,2-Dichloroethene	4.23	96	3743	3.271	ug/L	99
25) Chloroform	4.67	83	3188	1.555	ug/L	86
35) Methylcyclohexane	6.33	83	12101	7.256	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5403	4.583	ug/L #	88
46) Tetrachloroethene	8.23	164	2538	2.906	ug/L	90
49) Dibromochloromethane	8.23	129	2125	1.746	ug/L #	10
59) 1,2,3-Trichloropropane	11.49	75	6949	4.724	ug/L #	86

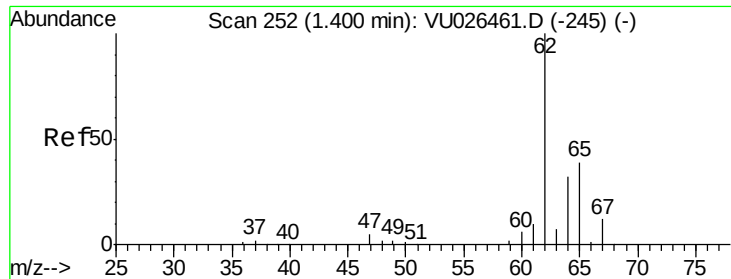
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#5

Vinyl chloride

Concen: 1.307 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU026479.D

Acq: 31 Aug 2018 04:10

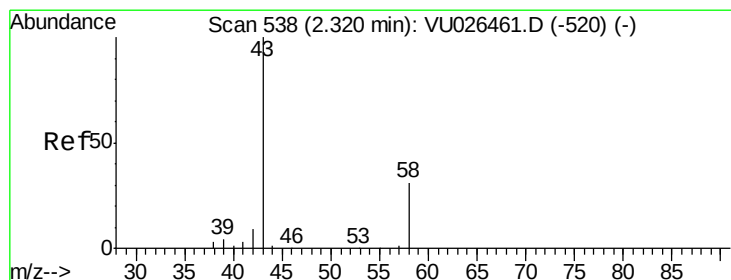
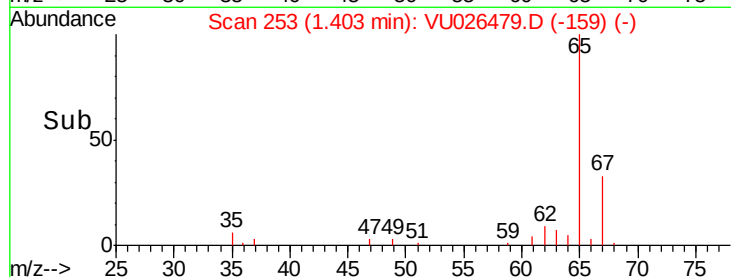
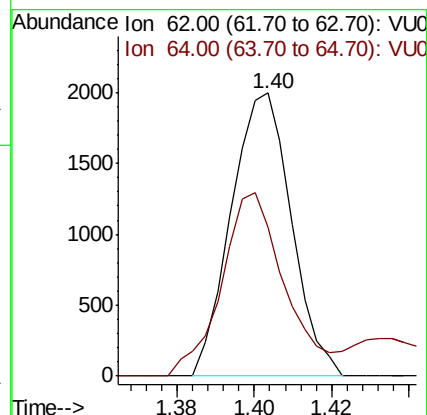
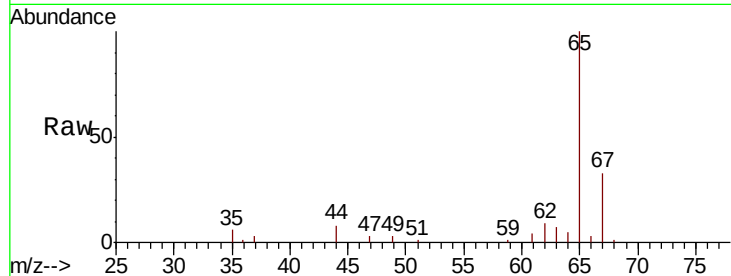
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 2158

Ion Ratio Lower Upper

62 100

64 52.7 22.4 41.6#



#13

Acetone

Concen: 1.718 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026479.D

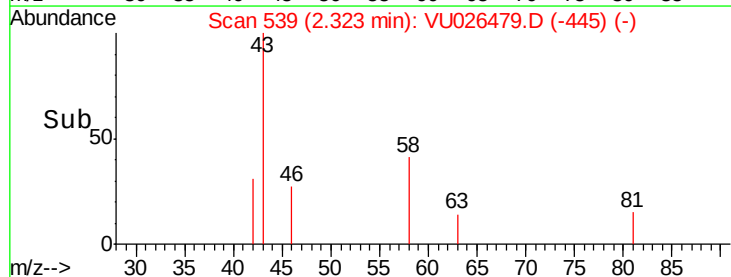
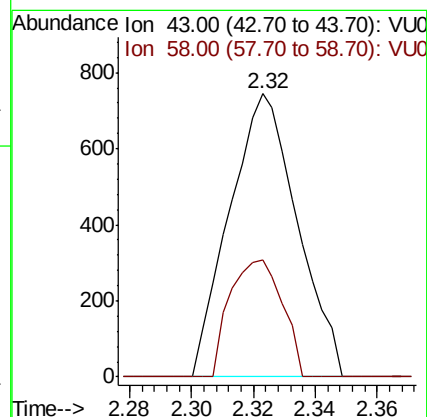
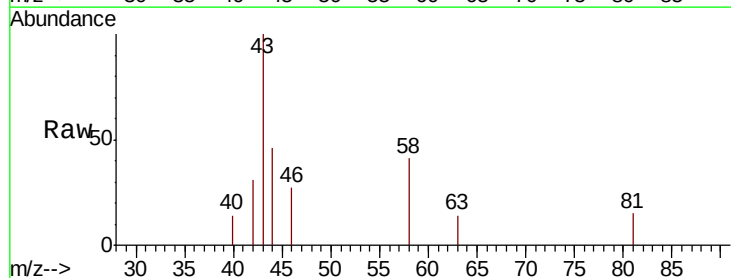
Acq: 31 Aug 2018 04:10

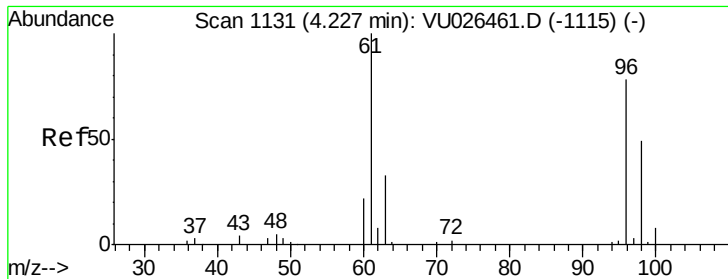
Tgt Ion: 43 Resp: 1132

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.2

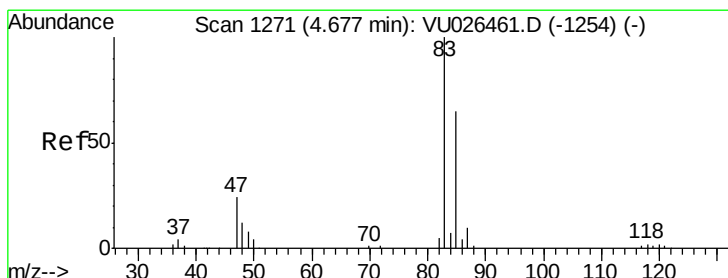
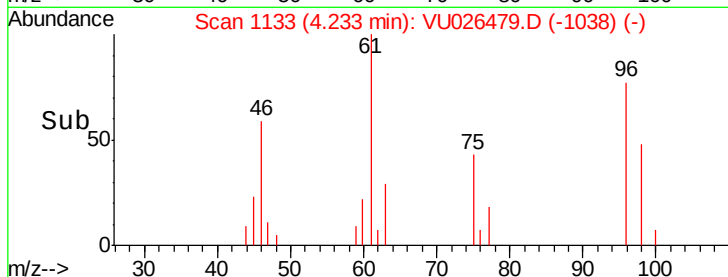
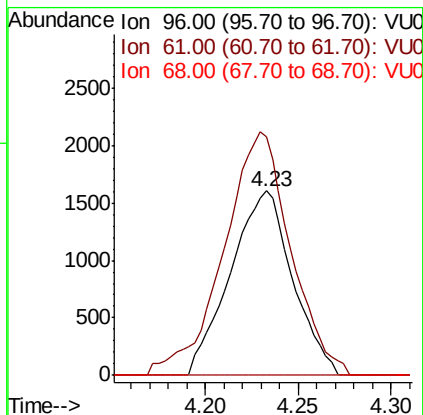
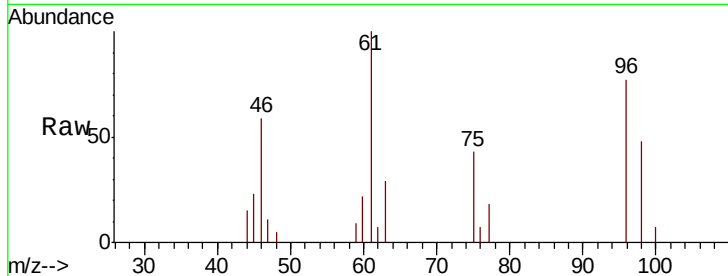




#20
 cis-1,2-Dichloroethene
 Concen: 3.271 ug/L
 RT: 4.23 min Scan# 1133
 Delta R.T. 0.01 min
 Lab File: VU026479.D
 Acq: 31 Aug 2018 04:10

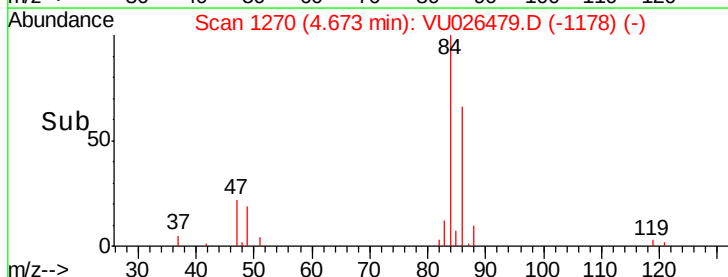
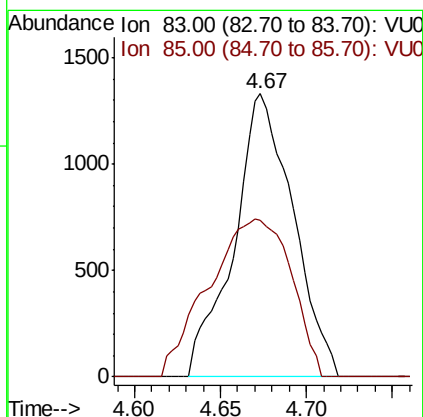
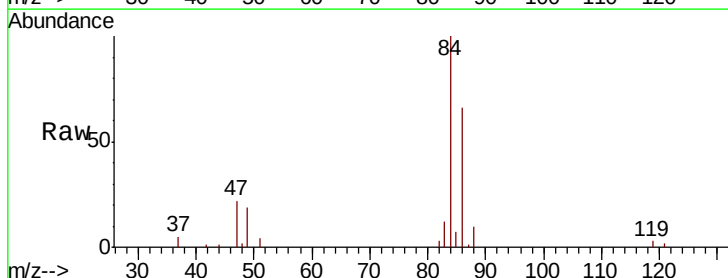
Instrument :
 MSVOA_U
 ClientSampleId :

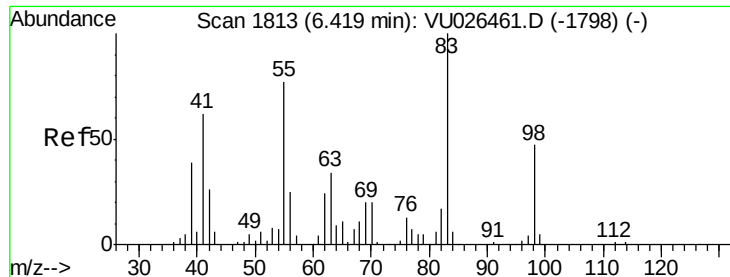
Tot Ion: 96 Resp: 3743
 Ion Ratio Lower Upper
 96 100
 61 129.4 91.6 170.2
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.555 ug/L
 RT: 4.67 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VU026479.D
 Acq: 31 Aug 2018 04:10

Tgt Ion: 83 Resp: 3188
 Ion Ratio Lower Upper
 83 100
 85 55.1 46.5 86.5

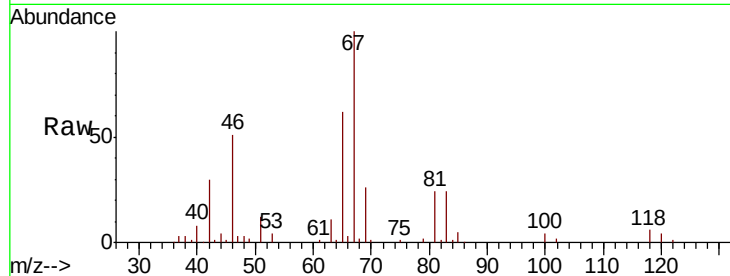




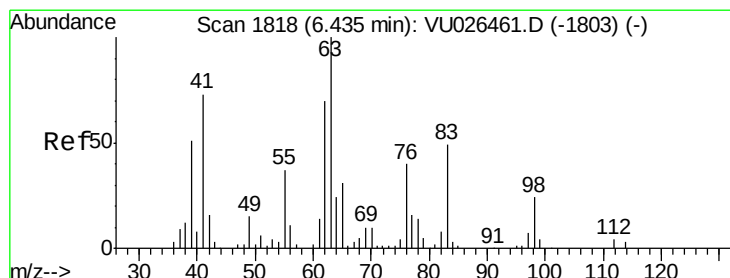
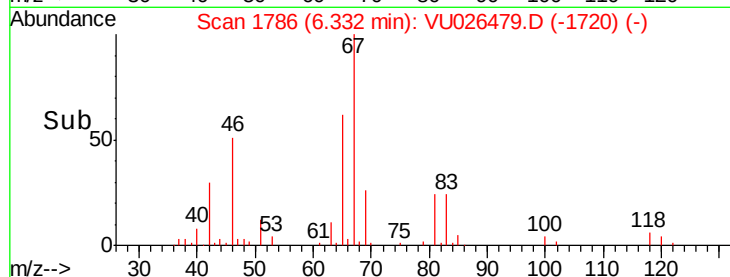
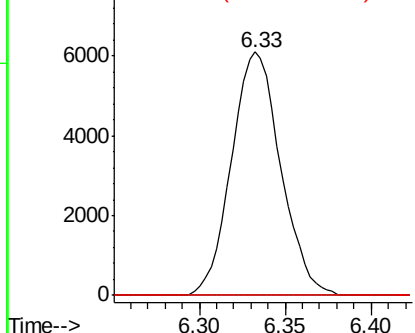
#35
Methylcyclohexane
Concen: 7.256 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.09 min
Lab File: VU026479.D
Acq: 31 Aug 2018 04:10

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 12101
Ion Ratio Lower Upper
83 100
55 0.0 63.3 94.9#
98 0.0 36.7 55.1#

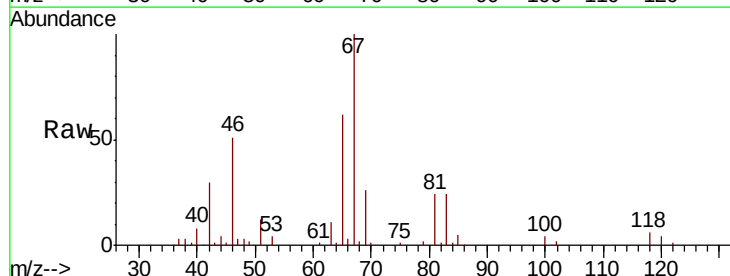


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

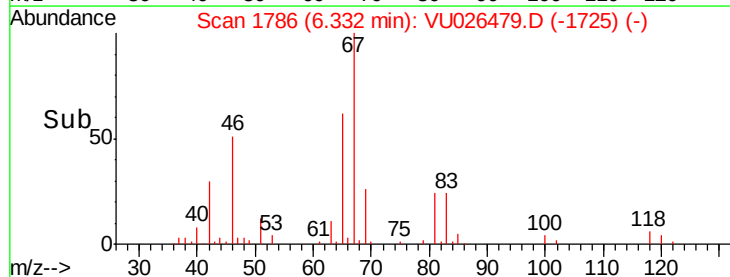
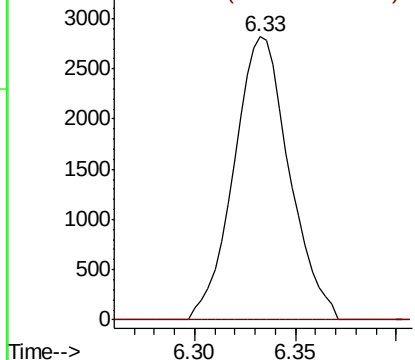


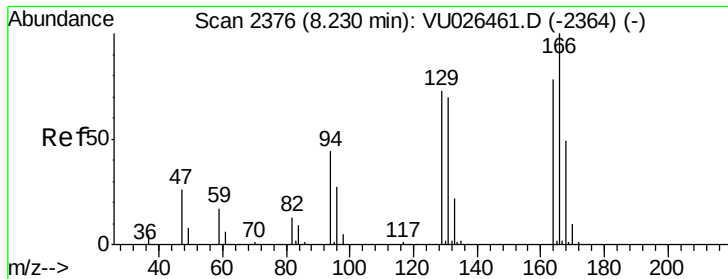
#37
1,2-Dichloropropane
Concen: 4.583 ug/L
RT: 6.33 min Scan# 1786
Delta R.T. -0.10 min
Lab File: VU026479.D
Acq: 31 Aug 2018 04:10

Tgt Ion: 63 Resp: 5403
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: 2.906 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU026479.D

Acq: 31 Aug 2018 04:10

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:164 Resp: 2538

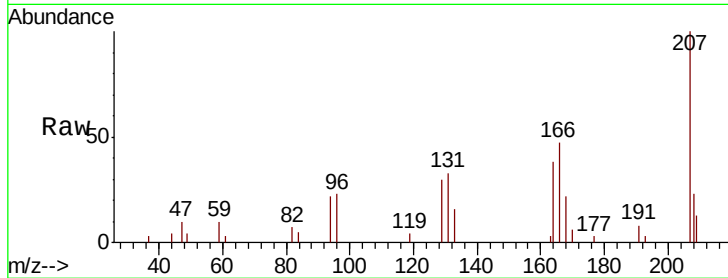
Ion Ratio Lower Upper

164 100

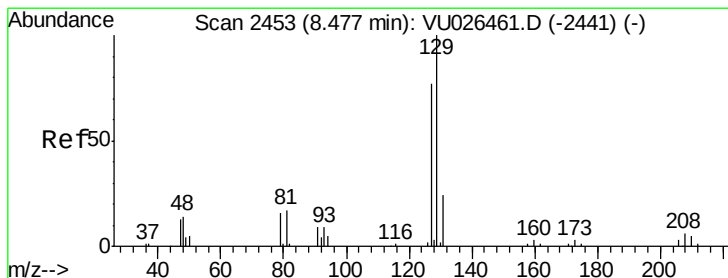
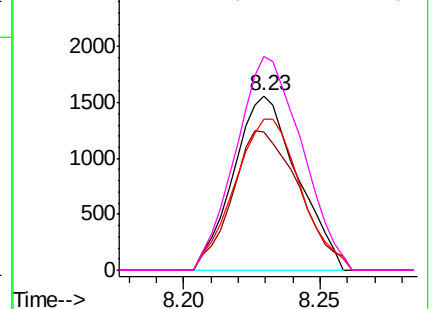
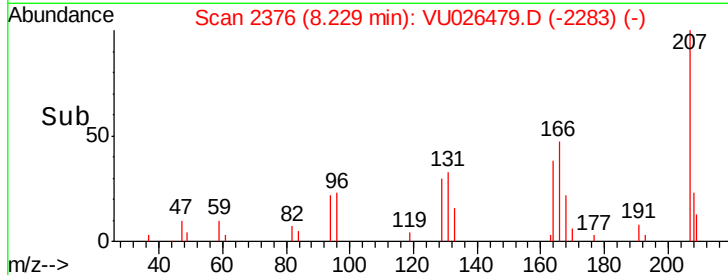
129 79.7 67.3 125.1

131 86.3 65.3 121.3

166 122.5 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



#49

Dibromochloromethane

Concen: 1.746 ug/L

RT: 8.23 min Scan# 2375

Delta R.T. -0.25 min

Lab File: VU026479.D

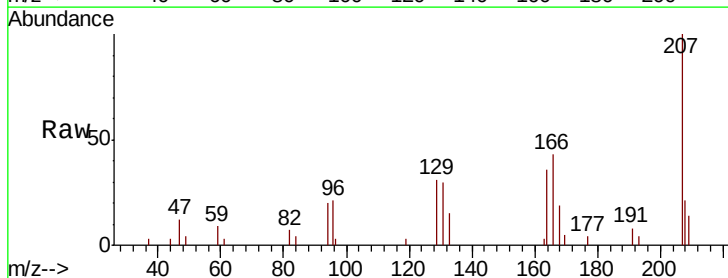
Acq: 31 Aug 2018 04:10

Tgt Ion:129 Resp: 2125

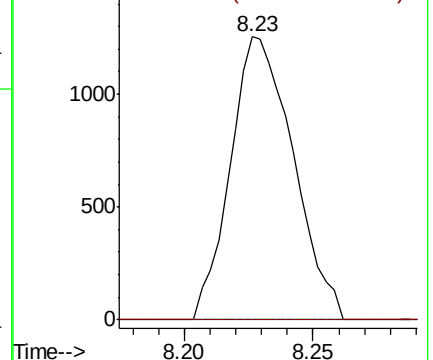
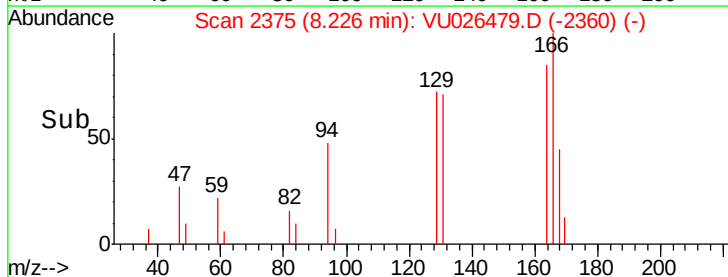
Ion Ratio Lower Upper

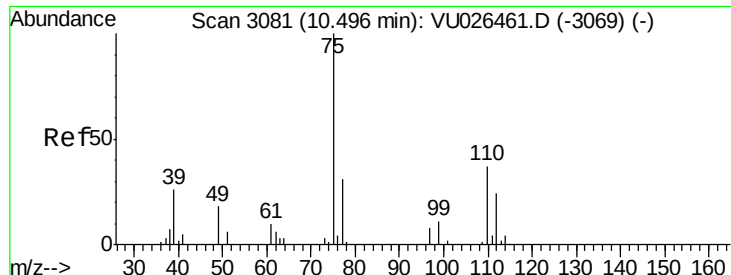
129 100

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: 4.724 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU026479.D

Acq: 31 Aug 2018 04:10

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion: 75 Resp: 6949

Ion Ratio Lower Upper

75 100

77 39.0 25.0 37.6#

