

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026431.D
 Acq On : 29 Aug 2018 19:00
 Operator : MD/SY
 Sample : J4691-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 30 02:24:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	156032	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	151024	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	73832	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44715	46.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.50%
7) Chloroethane-d5	1.68	69	40779	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.40%
11) 1,1-Dichloroethene-d2	2.27	63	73241	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.28%
21) 2-Butanone-d5	4.18	46	72642	96.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.81%
24) Chloroform-d	4.65	84	85016	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
26) 1,2-Dichloroethane-d4	5.31	65	58116	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
32) Benzene-d6	5.34	84	170549	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.33	67	57577	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.57	98	161956	48.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.85	79	26411	48.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.74%
47) 2-Hexanone-d5	8.31	63	57565	104.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.96%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	81009	45.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	68723	51.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

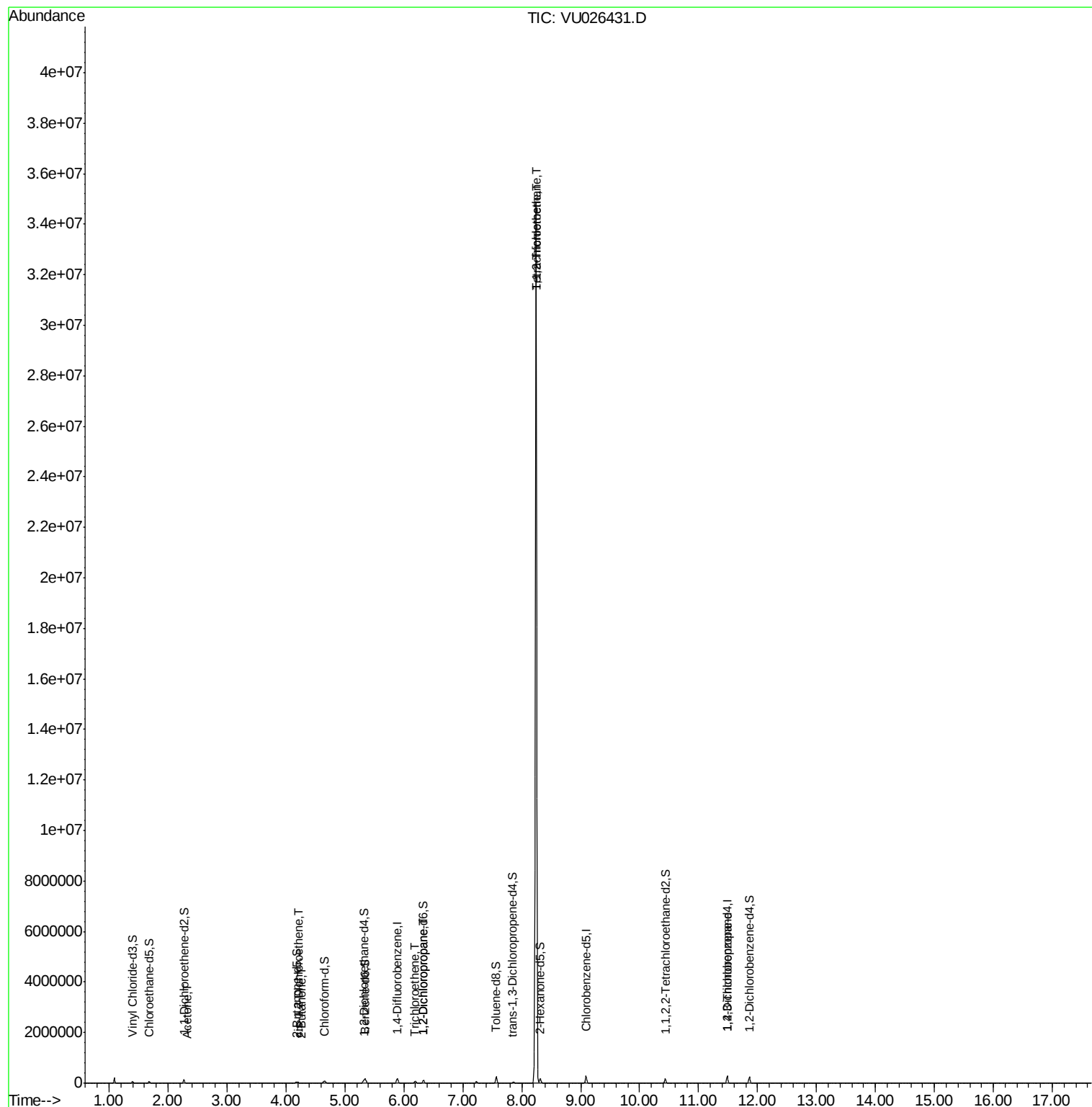
					Ovalue
13) Acetone	2.32	43	8309	12.789	ug/L 97
20) cis-1,2-Dichloroethene	4.23	96	8249	7.310	ug/L 94
22) 2-Butanone	4.27	43	1258	1.441	ug/L 81
34) Trichloroethene	6.19	95	27779	25.579	ug/L 98
37) 1,2-Dichloropropane	6.34	63	6341	5.290	ug/L # 88
45) 1,1,2-Trichloroethane	8.24	97	63977	58.264	ug/L # 1
46) Tetrachloroethene	8.25	164	7652828	8618.980	ug/L 98
59) 1,2,3-Trichloropropane	11.48	75	9328	6.237	ug/L 93

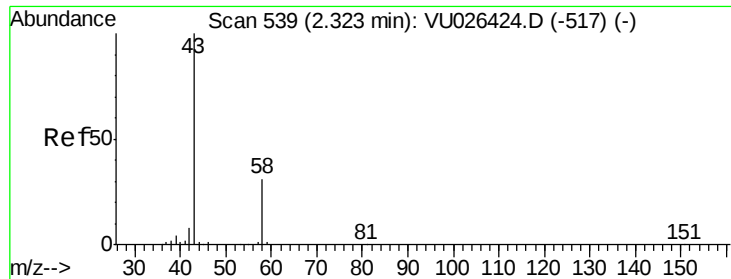
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 30 02:20:47 2018
Response via : Initial Calibration





#13

Acetone

Concen: 12.789 ug/L

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU026431.D

Acq: 29 Aug 2018 19:00

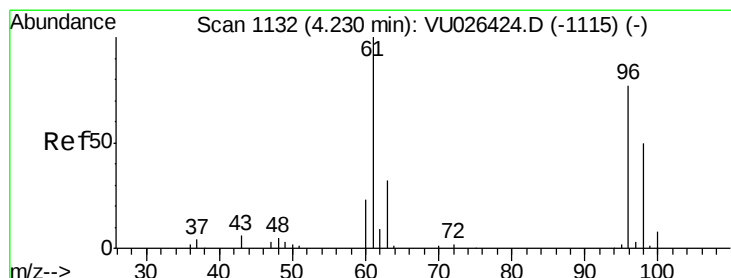
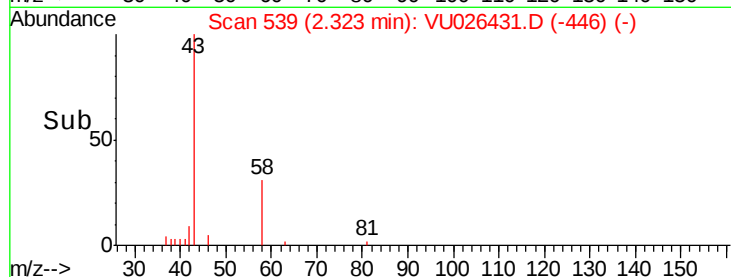
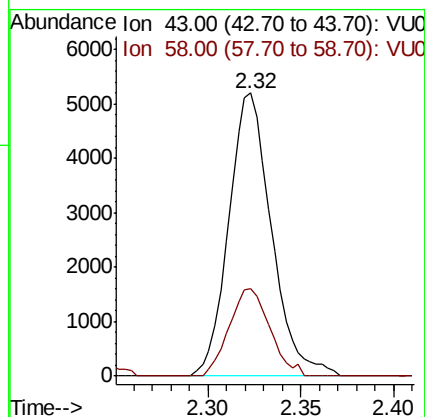
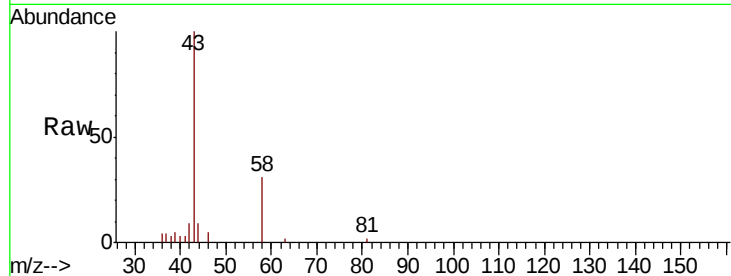
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 8309

Ion Ratio Lower Upper

43 100

58 28.9 0.0 61.2



#20

cis-1,2-Dichloroethene

Concen: 7.310 ug/L

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU026431.D

Acq: 29 Aug 2018 19:00

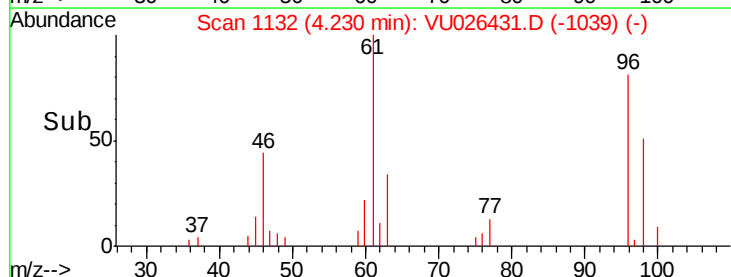
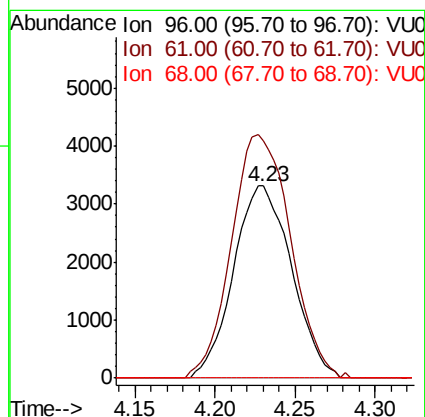
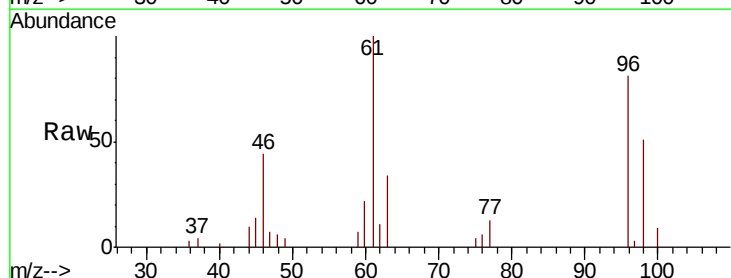
Tgt Ion: 96 Resp: 8249

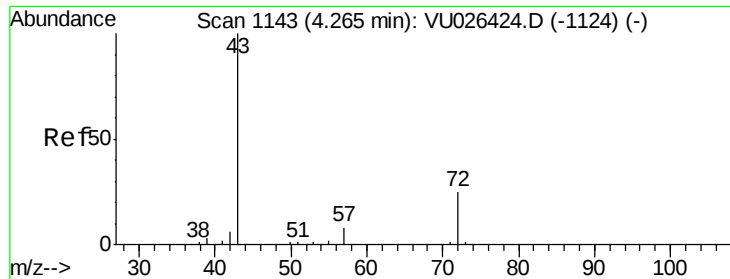
Ion Ratio Lower Upper

96 100

61 123.4 91.6 170.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 1.441 ug/L

RT: 4.27 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VU026431.D

Acq: 29 Aug 2018 19:00

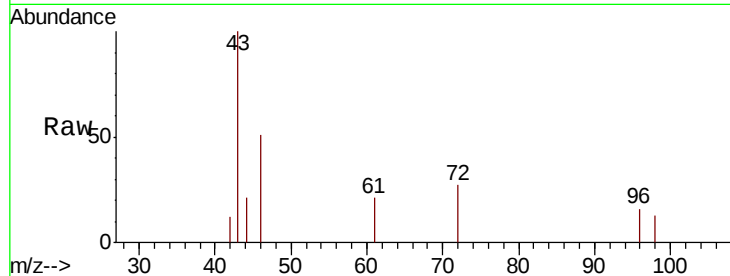
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 1258

Ion Ratio Lower Upper

43 100

72 35.5 13.0 38.9

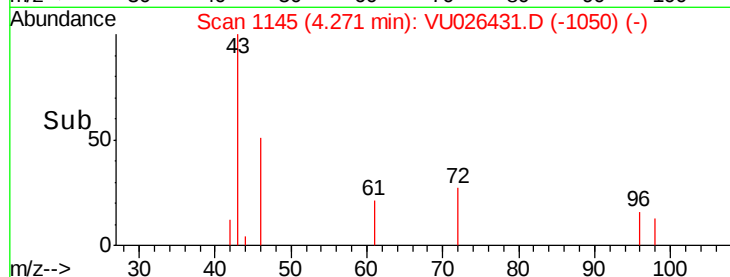


Abundance Ion 43.00 (42.70 to 43.70): VU026431.D (-1050) (-)

Ion 72.00 (71.70 to 72.70): VU026431.D (-1050) (-)

4.27

Time-->



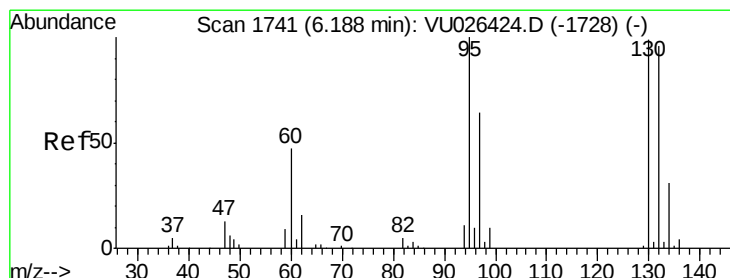
Abundance

Ion 43.00 (42.70 to 43.70): VU026431.D (-1050) (-)

Ion 72.00 (71.70 to 72.70): VU026431.D (-1050) (-)

4.27

Time-->



#34

Trichloroethene

Concen: 25.579 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU026431.D

Acq: 29 Aug 2018 19:00

Tgt Ion: 95 Resp: 27779

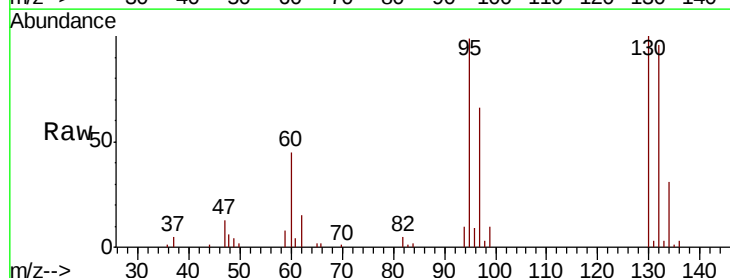
Ion Ratio Lower Upper

95 100

97 66.8 45.1 83.7

132 97.0 67.5 125.3

130 100.6 69.3 128.7



Abundance Ion 95.00 (94.70 to 95.70): VU026431.D (-1648) (-)

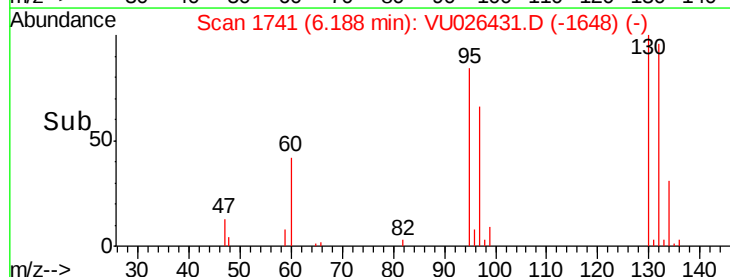
Ion 97.00 (96.70 to 97.70): VU026431.D (-1648) (-)

Ion 132.00 (131.70 to 132.70): VU026431.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU026431.D (-1648) (-)

6.19

Time-->



Abundance

Ion 95.00 (94.70 to 95.70): VU026431.D (-1648) (-)

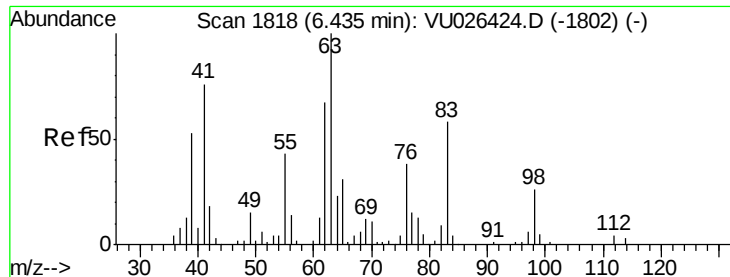
Ion 97.00 (96.70 to 97.70): VU026431.D (-1648) (-)

Ion 132.00 (131.70 to 132.70): VU026431.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU026431.D (-1648) (-)

6.19

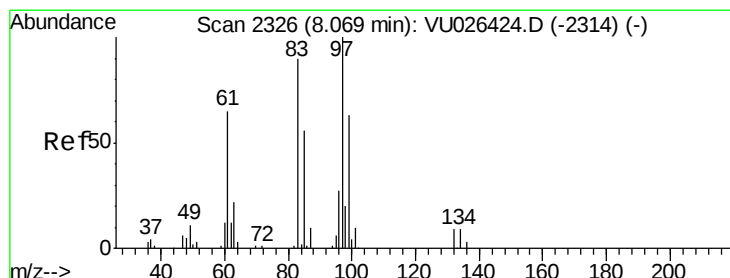
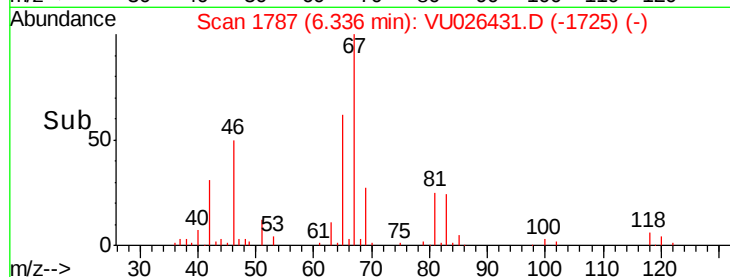
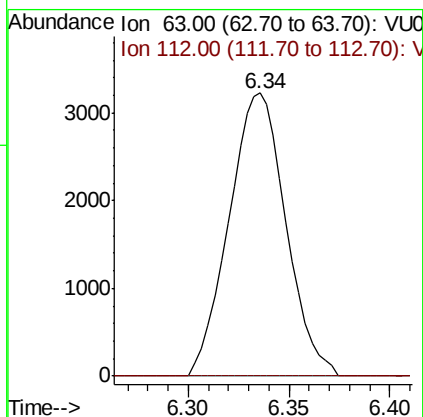
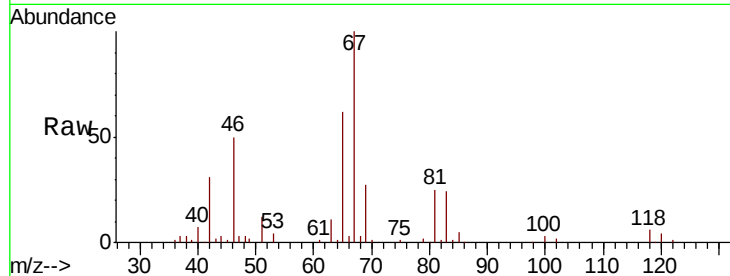
Time-->



#37
 1,2-Dichloropropane
 Concen: 5.290 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026431.D
 Acq: 29 Aug 2018 19:00

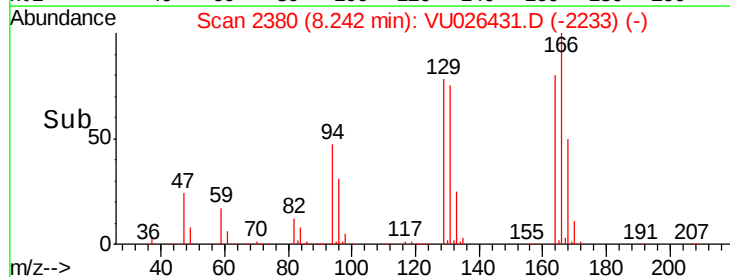
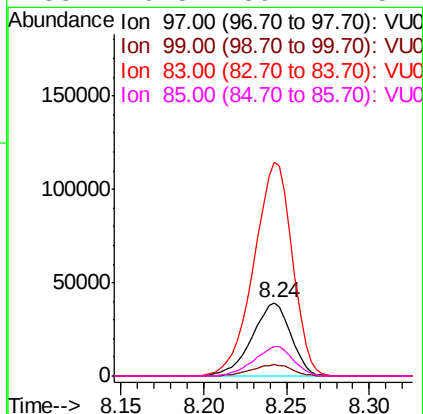
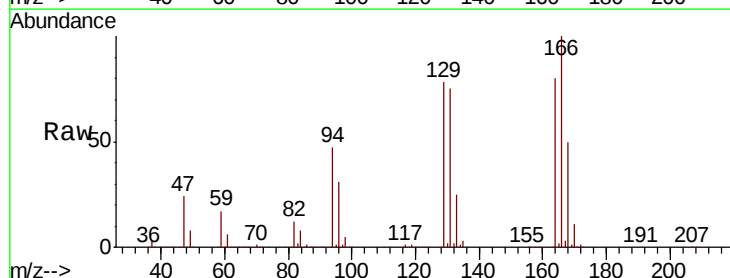
Instrument :
 MSVOA_U
 ClientSampled :

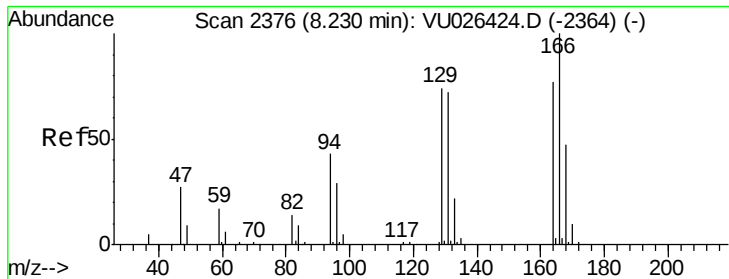
Tot Ion: 63 Resp: 6341
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#45
 1,1,2-Trichloroethane
 Concen: 58.264 ug/L
 RT: 8.24 min Scan# 2380
 Delta R.T. 0.17 min
 Lab File: VU026431.D
 Acq: 29 Aug 2018 19:00

Tgt Ion: 97 Resp: 63977
 Ion Ratio Lower Upper
 97 100
 99 15.1 43.9 81.5#
 83 291.1 62.7 116.5#
 85 40.3 39.4 73.2

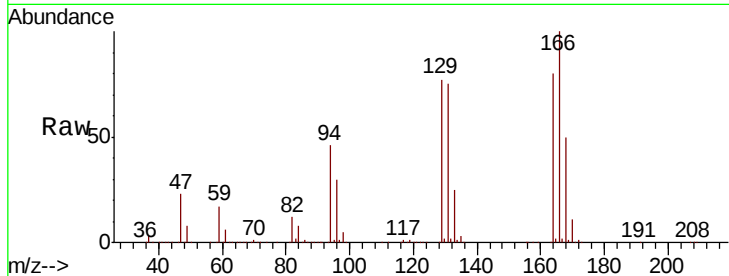




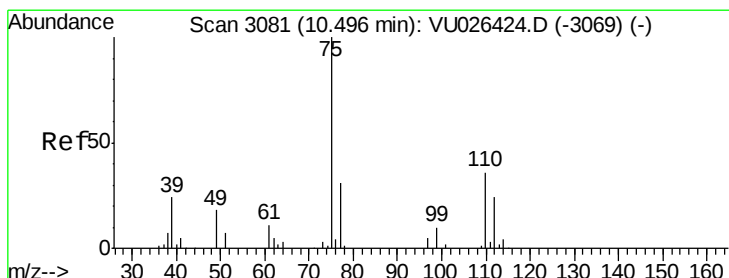
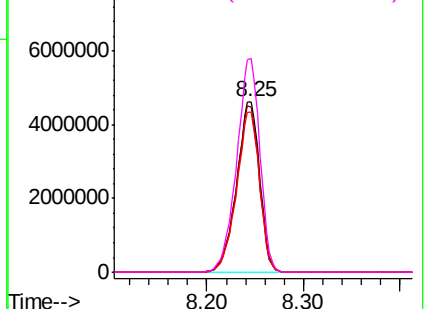
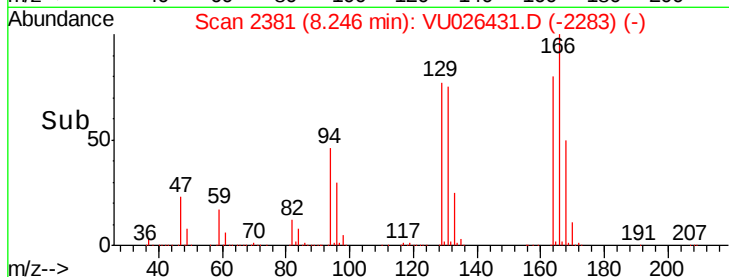
#46
Tetrachloroethene
Concen: 8618.980 ug/L
RT: 8.25 min Scan# 2381
Delta R.T. 0.02 min
Lab File: VU026431.D
Acq: 29 Aug 2018 19:00

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:164 Resp: 7652828
Ion Ratio Lower Upper
164 100
129 96.8 67.3 125.1
131 93.7 65.3 121.3
166 125.3 90.9 168.7

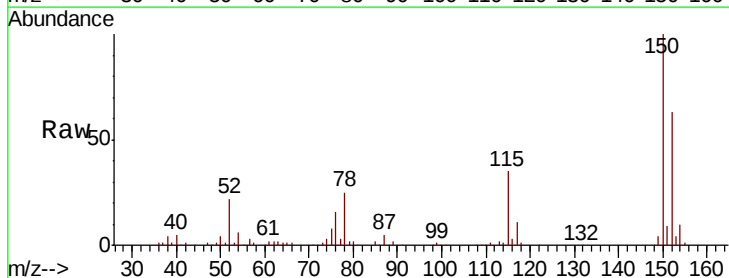


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V



#59
1,2,3-Trichloropropane
Concen: 6.237 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026431.D
Acq: 29 Aug 2018 19:00

Tgt Ion: 75 Resp: 9328
Ion Ratio Lower Upper
75 100
77 35.0 25.0 37.6



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

