

Data File : VU031750.D
Acq On : 03 May 2019 15:17
Operator : JC/SP
Sample : K2690-25
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5169

Quant Time: May 04 02:40:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 04 02:35:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	816323	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	766274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	307726	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	317598	46.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.98%
7) Chloroethane-d5	1.68	69	256426	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.14%
11) 1,1-Dichloroethene-d2	2.27	63	455231	33.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.92%
21) 2-Butanone-d5	4.19	46	618708	99.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.95%
24) Chloroform-d	4.64	84	530931	42.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.86%
26) 1,2-Dichloroethane-d4	5.31	65	372447	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	5.34	84	1095574	46.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.12%
36) 1,2-Dichloropropane-d6	6.32	67	381182	46.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.10%
41) Toluene-d8	7.56	98	905504	44.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.36%
43) trans-1,3-Dichloropropene-	7.85	79	155158	43.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.32%
47) 2-Hexanone-d5	8.31	63	372341	103.91	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.91%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	498040	44.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.66%
64) 1,2-Dichlorobenzene-d4	11.85	152	299776	46.32	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.64%

Target Compounds

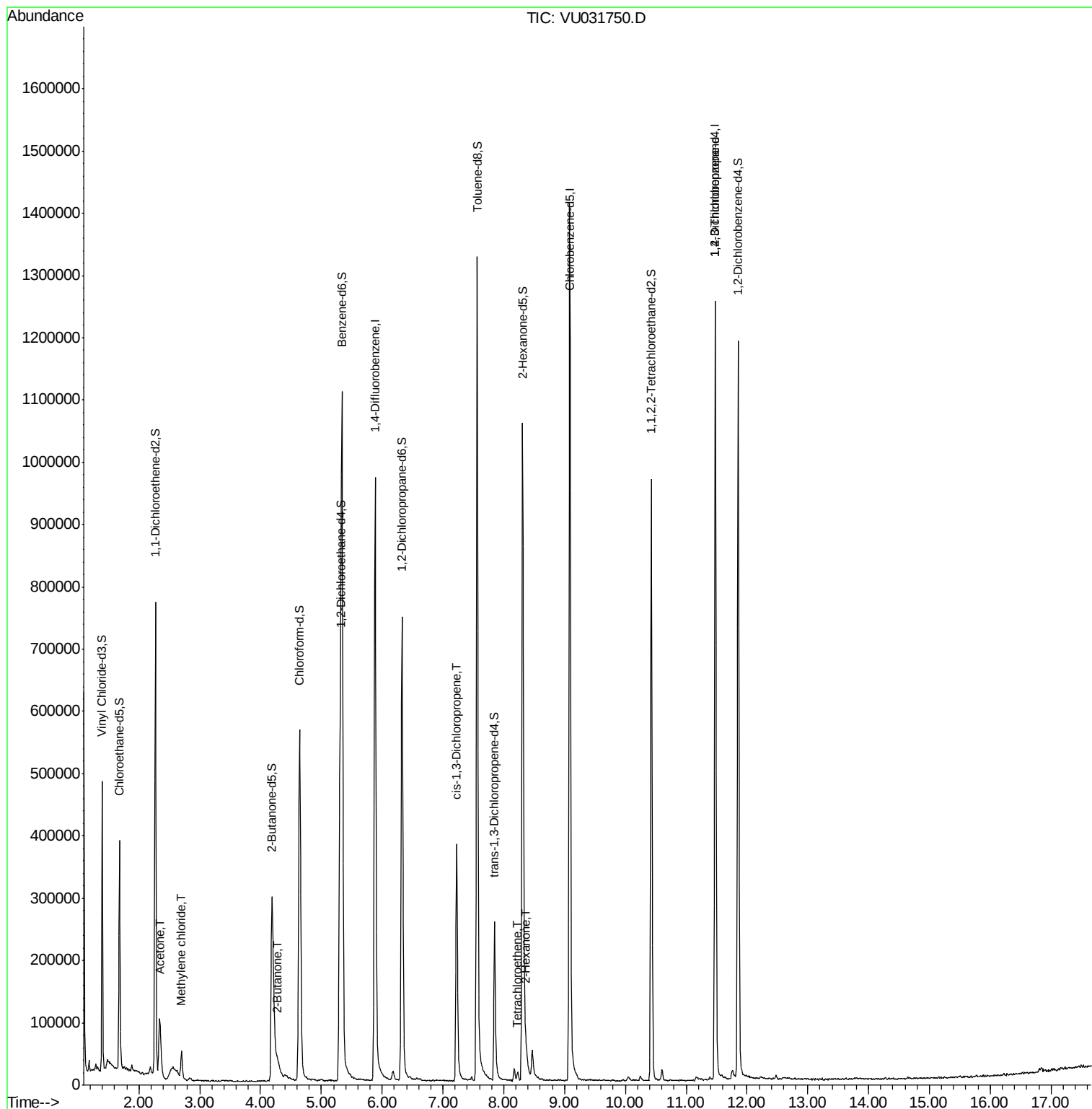
					Qvalue
13) Acetone	2.34	43	152757	21.908 ug/L	99
16) Methylene chloride	2.70	84	19686	2.619 ug/L	95
22) 2-Butanone	4.29	43	14162	1.833 ug/L	99
39) cis-1,3-Dichloropropene	7.23	75	8359	0.791 ug/L #	71
46) Tetrachloroethene	8.23	164	2648	0.569 ug/L	88
48) 2-Hexanone	8.37	43	20919	2.102 ug/L #	45
59) 1,2,3-Trichloropropane	11.48	75	44047	4.645 ug/L	97

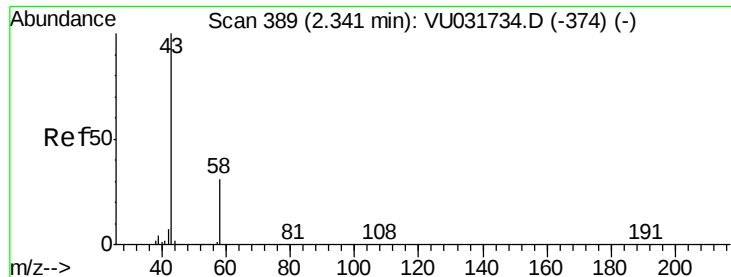
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 21.908 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.00 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

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MSVOA_U

ClientSampleId :

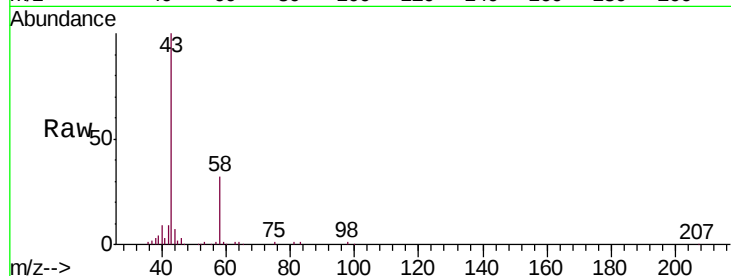
A5169

Tgt Ion: 43 Resp: 152757

Ion Ratio Lower Upper

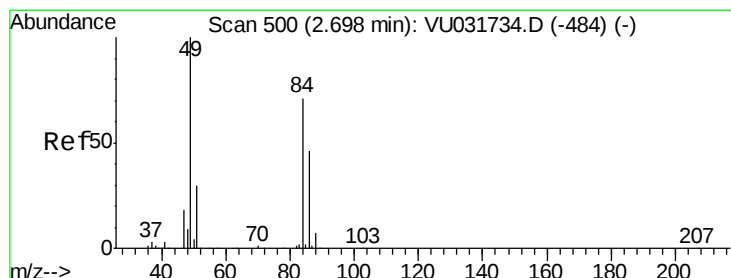
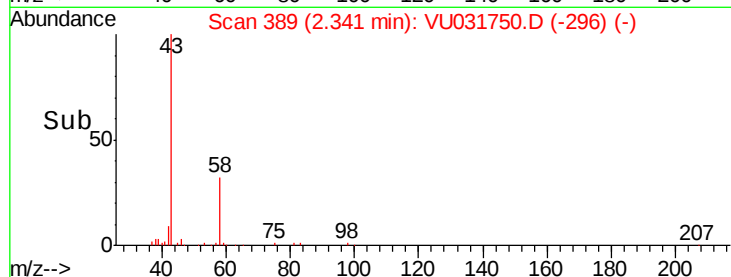
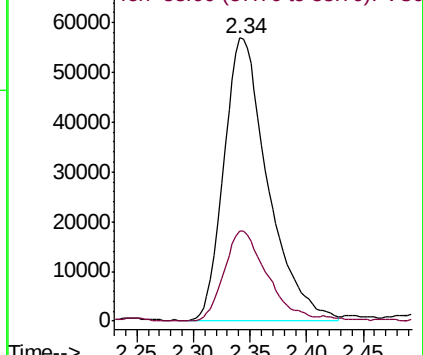
43 100

58 31.4 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031734.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU031734.D (-374) (-)



#16

Methylene chloride

Concen: 2.619 ug/L

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

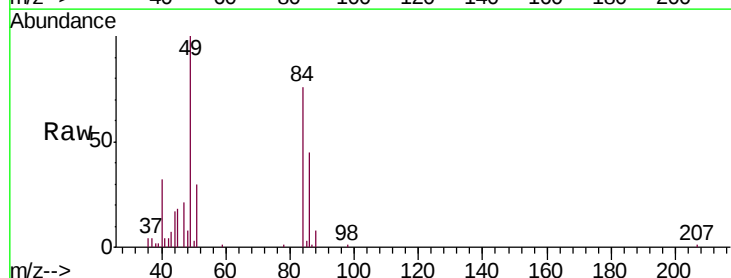
Tgt Ion: 84 Resp: 19686

Ion Ratio Lower Upper

84 100

86 59.0 44.7 83.1

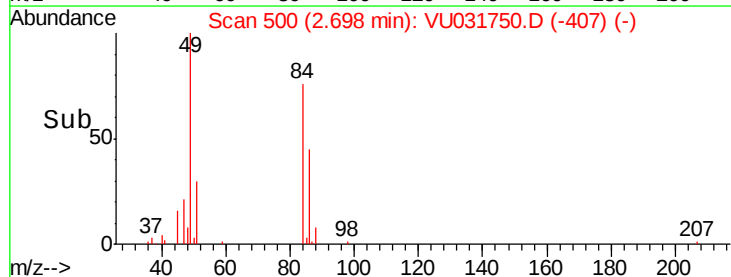
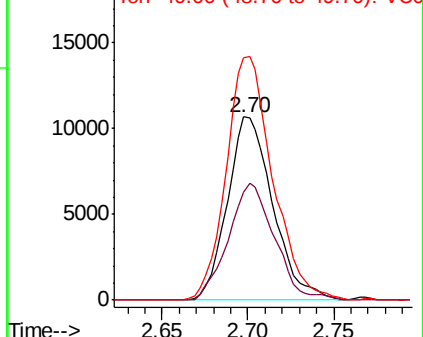
49 132.0 96.5 179.3

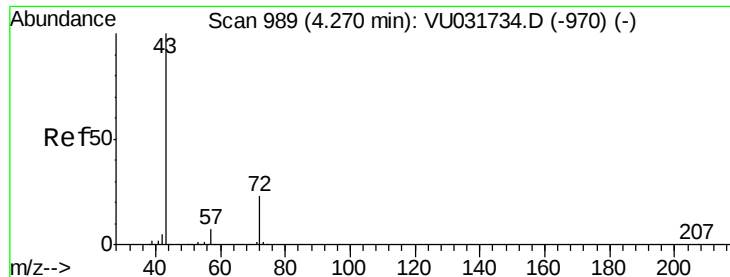


Abundance Ion 84.00 (83.70 to 84.70): VU031734.D (-484) (-)

Ion 86.00 (85.70 to 86.70): VU031734.D (-484) (-)

Ion 49.00 (48.70 to 49.70): VU031734.D (-484) (-)





#22

2-Butanone

Concen: 1.833 ug/L

RT: 4.29 min Scan# 994

Delta R.T. 0.02 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

Instrument :

MSVOA_U

ClientSampled :

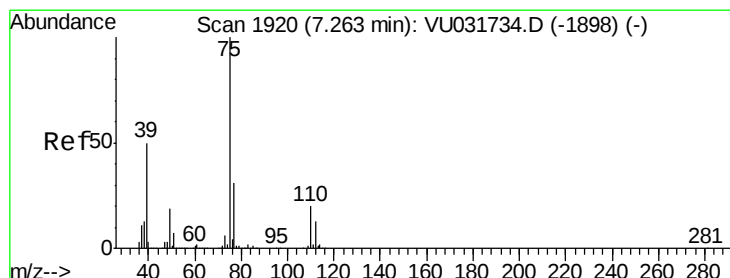
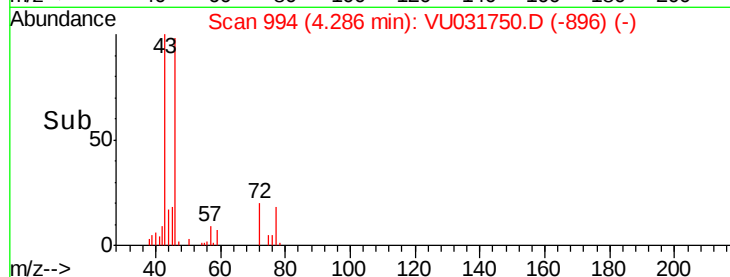
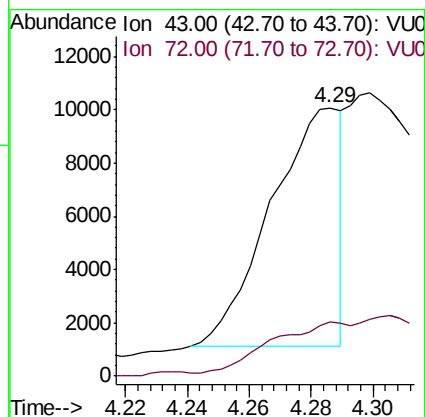
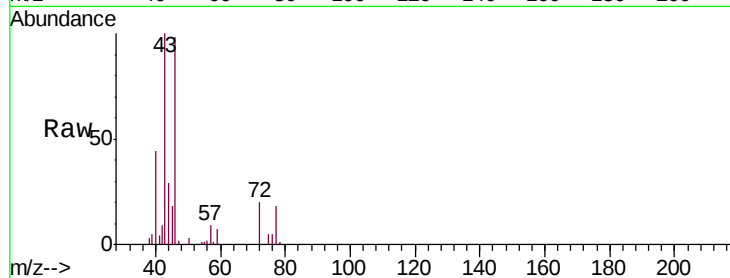
A5169

Tgt Ion: 43 Resp: 14162

Ion Ratio Lower Upper

43 100

72 23.1 11.4 34.2



#39

cis-1,3-Dichloropropene

Concen: 0.791 ug/L

RT: 7.23 min Scan# 1910

Delta R.T. -0.03 min

Lab File: VU031750.D

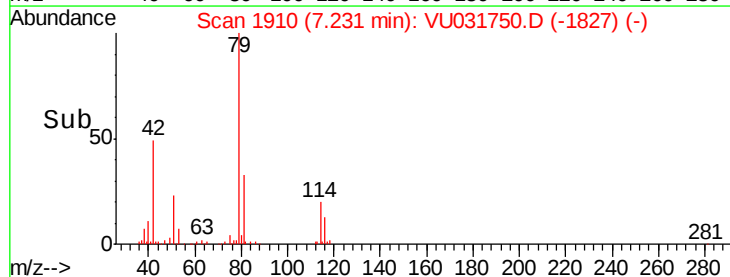
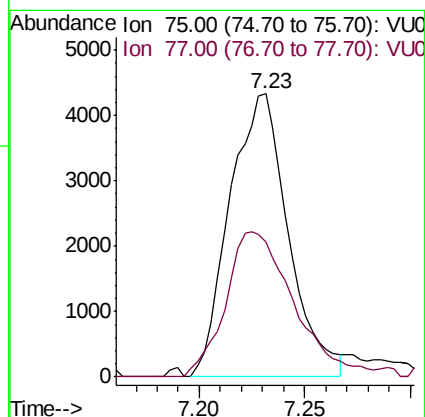
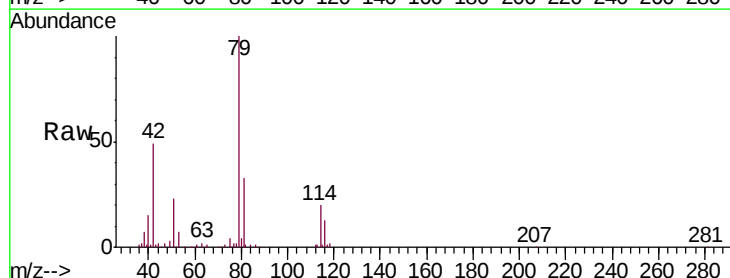
Acq: 03 May 2019 15:17

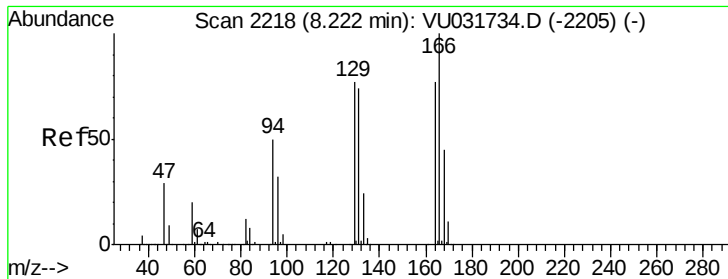
Tgt Ion: 75 Resp: 8359

Ion Ratio Lower Upper

75 100

77 47.4 22.1 41.1#

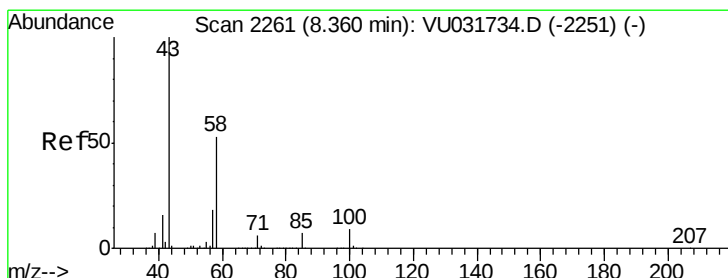
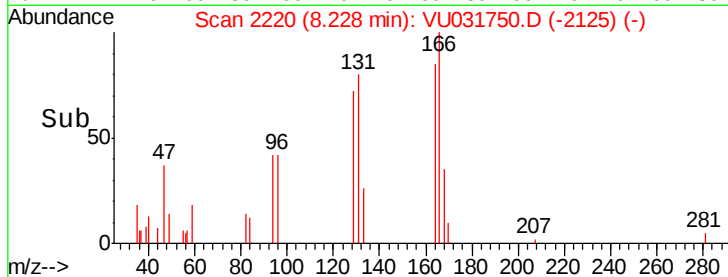
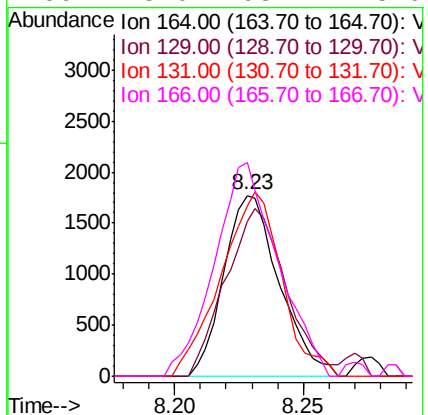
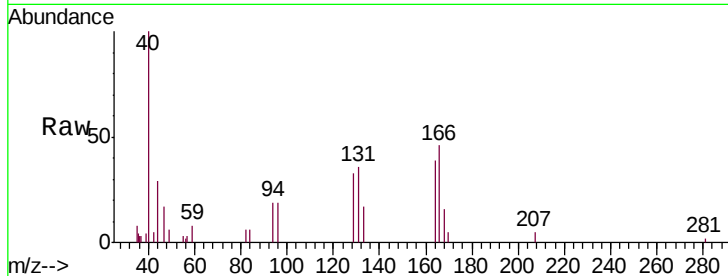




#46
Tetrachloroethene
Concen: 0.569 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031750.D
Acq: 03 May 2019 15:17

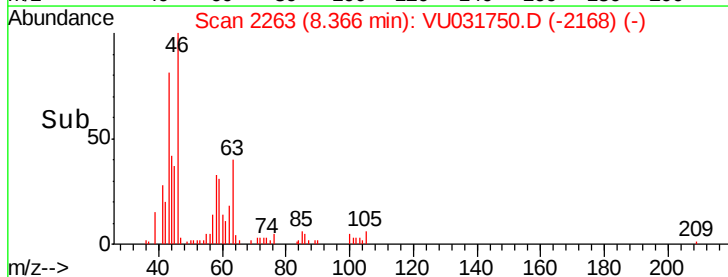
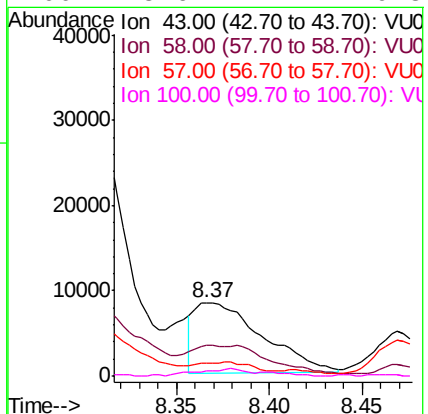
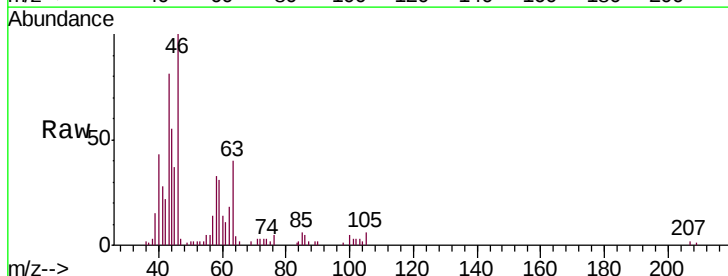
Instrument :
MSVOA_U
ClientSampleId :
A5169

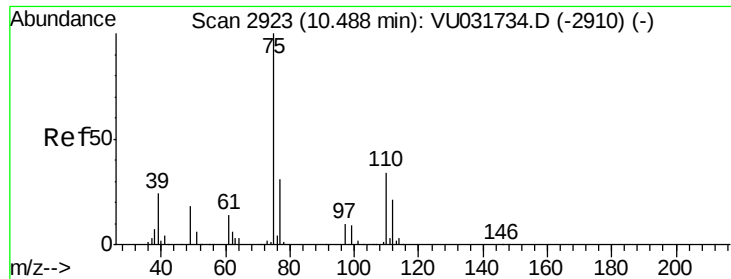
Tgt Ion: 164 Resp: 2648
Ion Ratio Lower Upper
164 100
129 85.6 71.5 132.9
131 94.1 69.0 128.2
166 118.0 93.7 173.9



#48
2-Hexanone
Concen: 2.102 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU031750.D
Acq: 03 May 2019 15:17

Tgt Ion: 43 Resp: 20919
Ion Ratio Lower Upper
43 100
58 5.1 42.1 63.1#
57 0.0 14.6 22.0#
100 5.6 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.645 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031750.D

Acq: 03 May 2019 15:17

Instrument :

MSVOA_U

ClientSampleId :

A5169

Tgt Ion: 75 Resp: 44047

Ion Ratio Lower Upper

75 100

77 34.0 25.9 38.9

