

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032805.D
 Acq On : 17 Jun 2019 23:56
 Operator : JC/SP
 Sample : K3363-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT6

Quant Time: Jun 18 05:24:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225423	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	223128	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	111088	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75732	49.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.32%
7) Chloroethane-d5	1.68	69	62006	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.94%
11) 1,1-Dichloroethene-d2	2.27	63	161762	52.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.24%
21) 2-Butanone-d5	4.17	46	157220	122.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.61%
24) Chloroform-d	4.64	84	145970	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
26) 1,2-Dichloroethane-d4	5.30	65	103224	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.33	84	294896	50.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.32	67	95522	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.10%
41) Toluene-d8	7.56	98	274445	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%
43) trans-1,3-Dichloropropene-	7.84	79	46022	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.31	63	105235	121.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.63%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	141898	49.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	112828	52.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.98%

Target Compounds

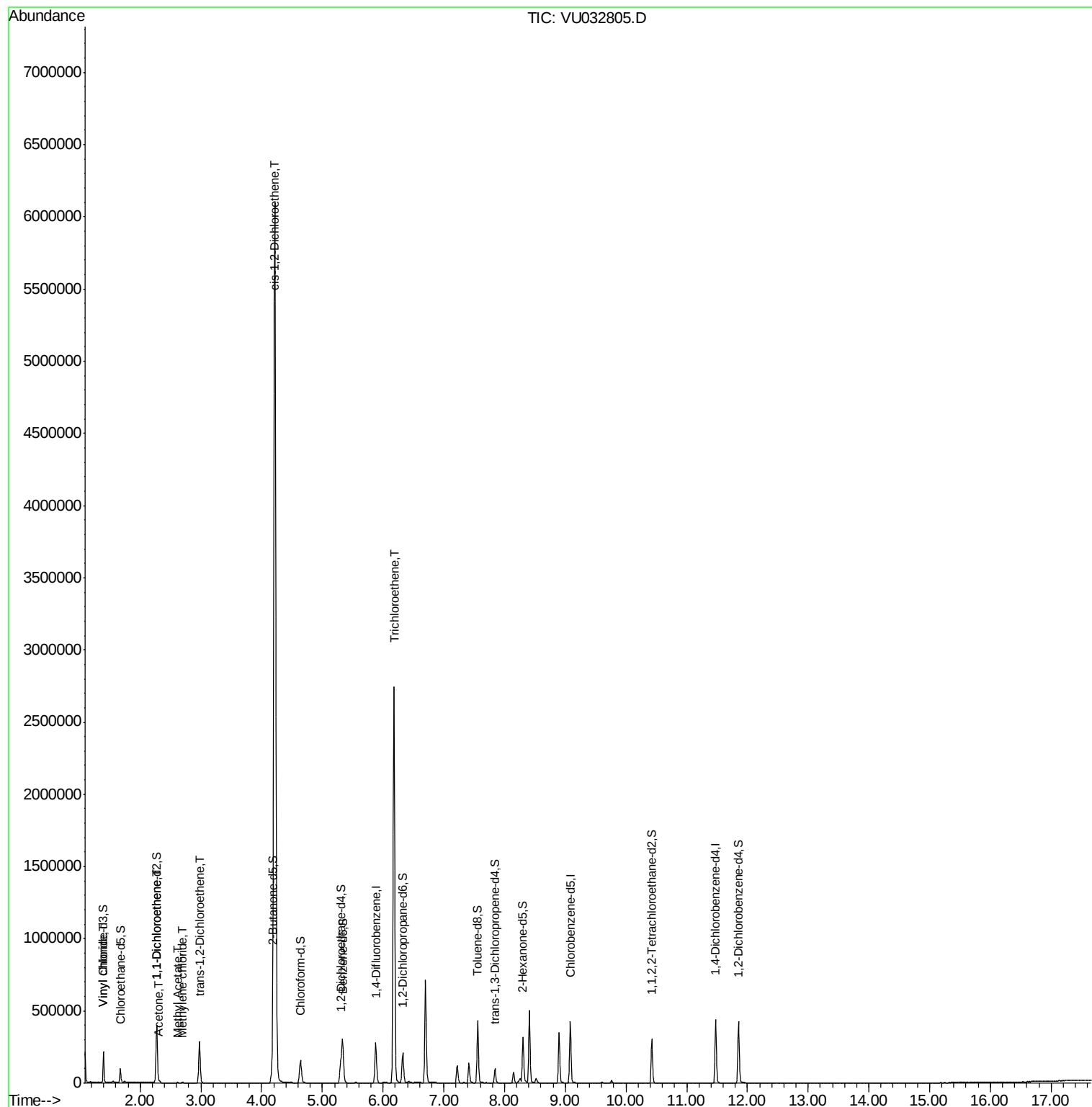
					Ovalue
5) Vinyl chloride	1.40	62	62096	30.335 ug/L	99
12) 1,1-Dichloroethene	2.28	96	80785	56.909 ug/L	97
13) Acetone	2.32	43	10010	5.652 ug/L	99
15) Methyl Acetate	2.62	43	3440	1.713 ug/L #	89
16) Methylene chloride	2.70	84	2220	1.333 ug/L	83
17) trans-1,2-Dichloroethene	2.98	96	106244	69.017 ug/L	95
20) cis-1,2-Dichloroethene	4.22	96	3217403	1918.543 ug/L	95
34) Trichloroethene	6.18	95	890845	518.716 ug/L	99

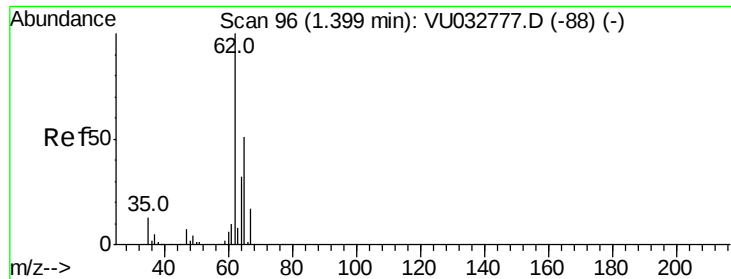
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 30.335 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

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Acq: 17 Jun 2019 23:56

Instrument :

MSVOA_U

ClientSampleId :

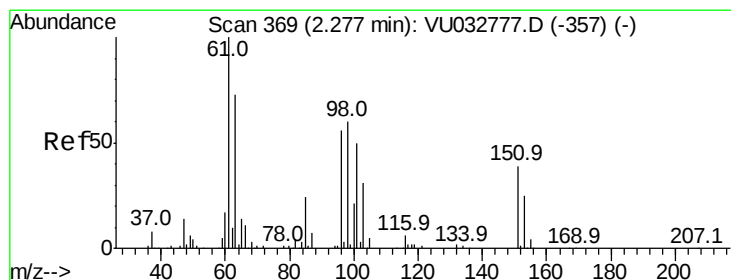
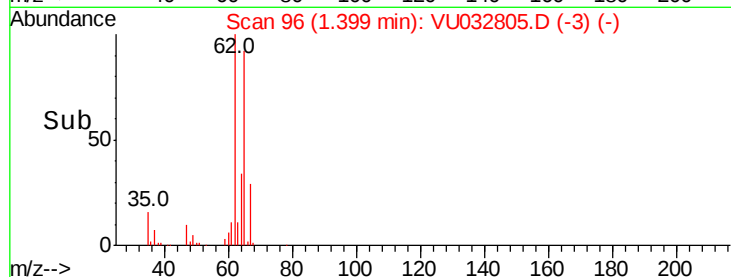
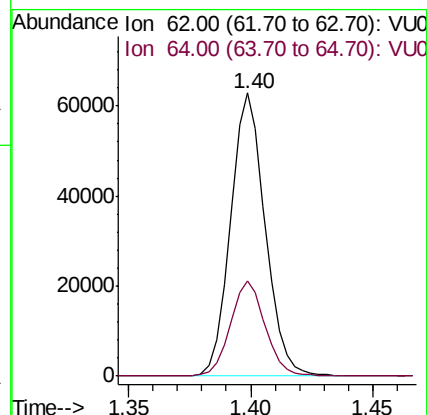
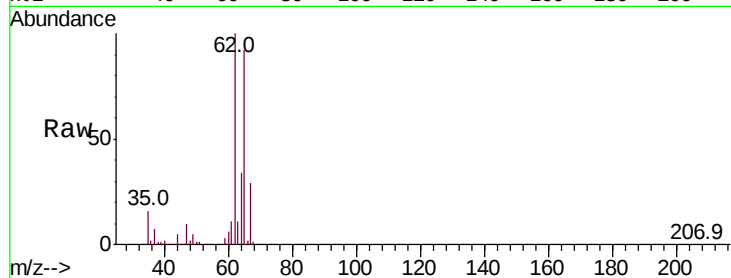
C0JT6

Tot Ion: 62 Resp: 62096

Ion Ratio Lower Upper

62 100

64 33.6 23.0 42.6



#12

1,1-Dichloroethene

Concen: 56.909 ug/L

RT: 2.28 min Scan# 369

Delta R.T. -0.00 min

Lab File: VU032805.D

Acq: 17 Jun 2019 23:56

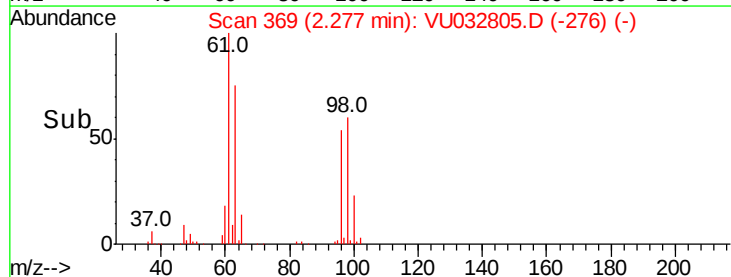
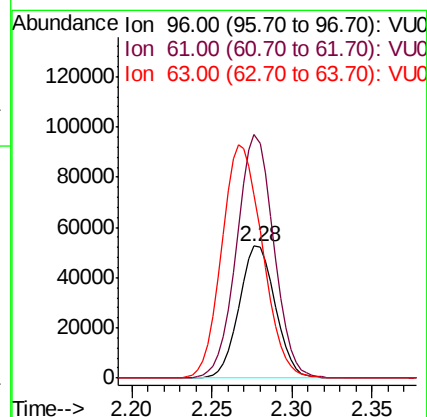
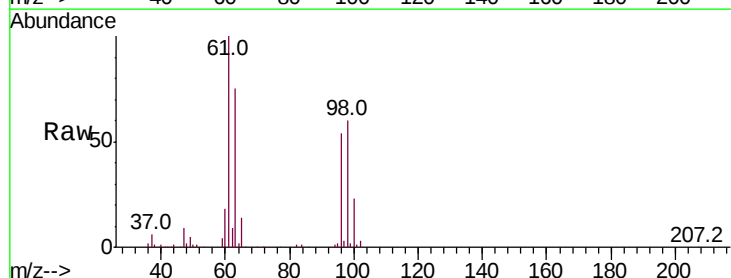
Tgt Ion: 96 Resp: 80785

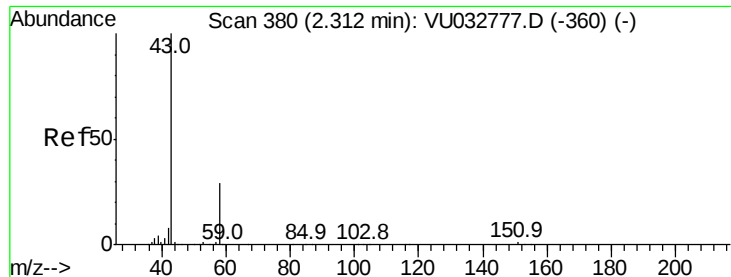
Ion Ratio Lower Upper

96 100

61 184.8 131.0 243.4

63 138.9 101.0 187.6





#13

Acetone

Concen: 5.652 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032805.D

Acq: 17 Jun 2019 23:56

Instrument :

MSVOA_U

ClientSampleId :

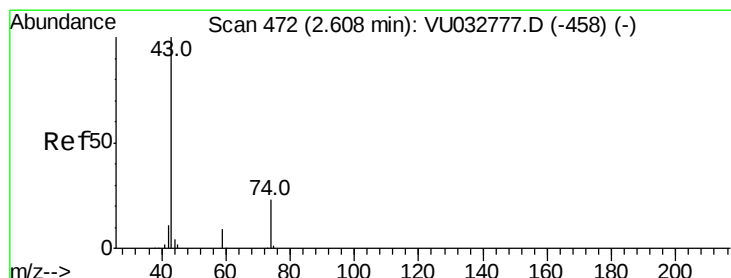
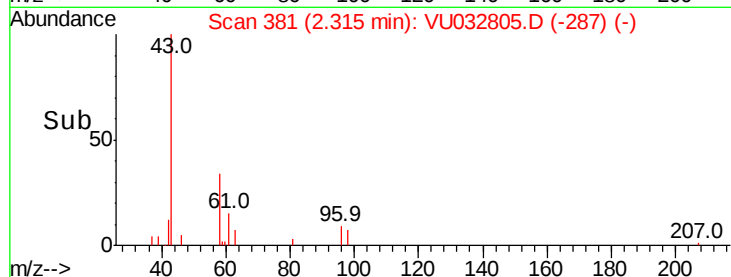
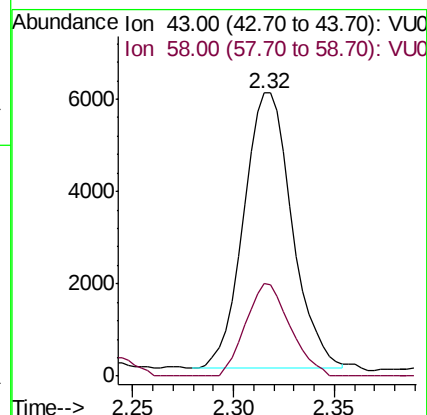
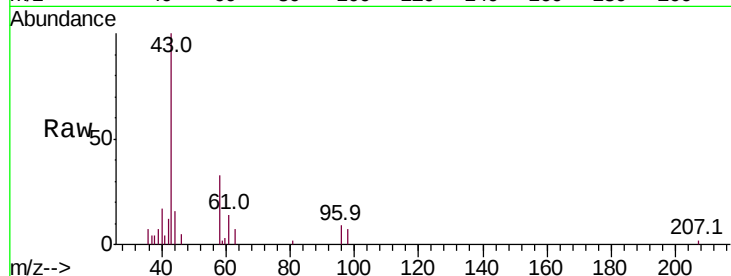
C0JT6

Tot Ion: 43 Resp: 10010

Ion Ratio Lower Upper

43 100

58 30.8 0.0 60.6



#15

Methyl Acetate

Concen: 1.713 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.01 min

Lab File: VU032805.D

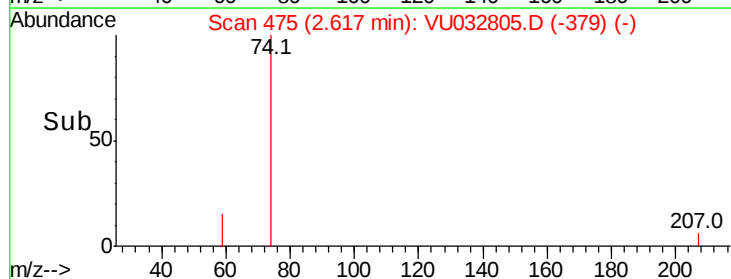
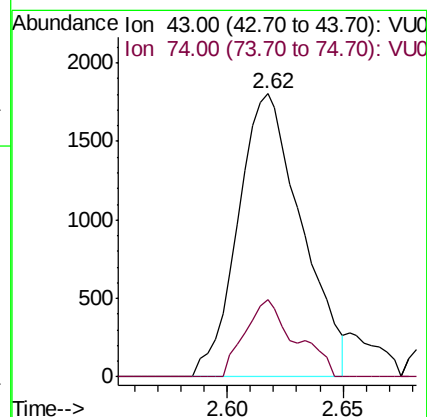
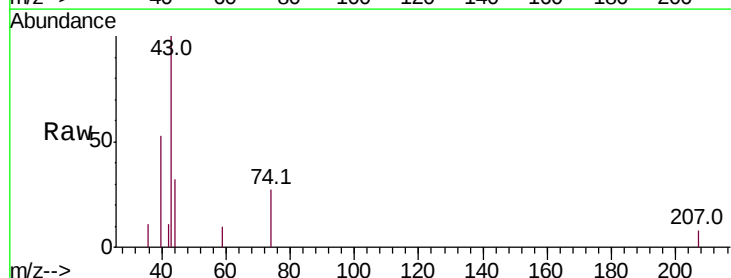
Acq: 17 Jun 2019 23:56

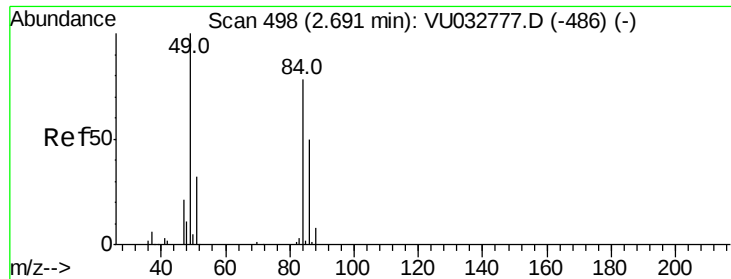
Tgt Ion: 43 Resp: 3440

Ion Ratio Lower Upper

43 100

74 17.5 18.1 27.1#

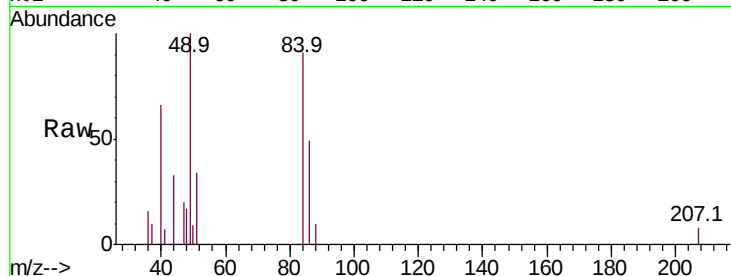




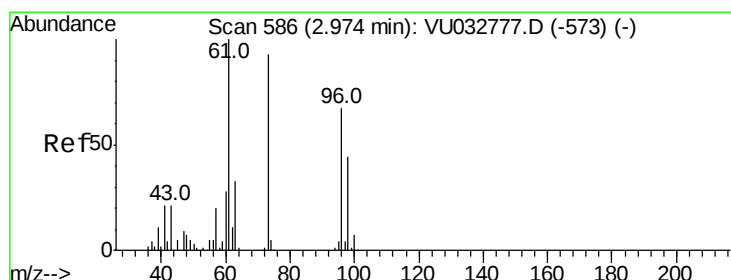
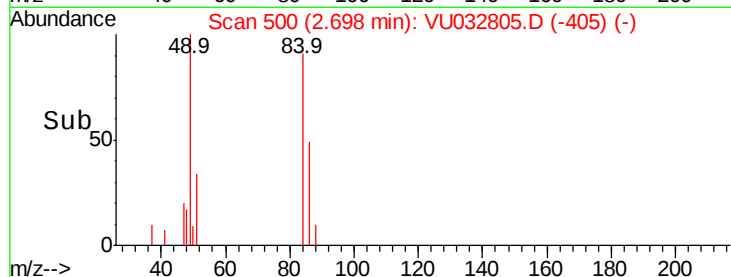
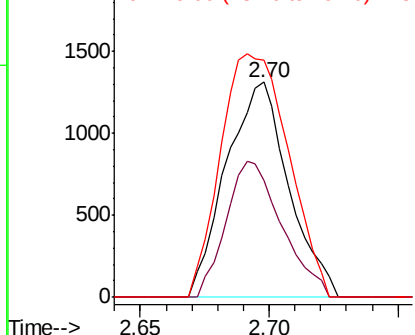
#16
Methylene chloride
Concen: 1.333 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032805.D
Acq: 17 Jun 2019 23:56

Instrument :
MSVOA_U
ClientSampleId :
C0JT6

Tot Ion: 84 Resp: 2220
Ion Ratio Lower Upper
84 100
86 54.4 45.5 84.5
49 110.1 92.1 171.1

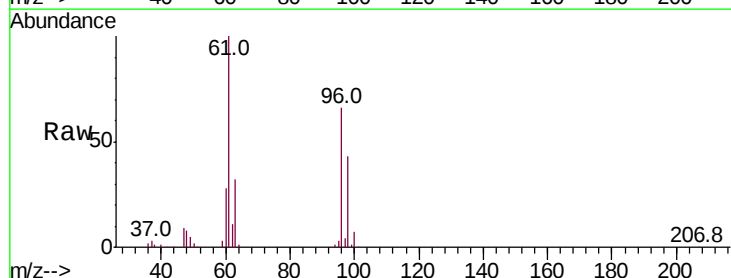


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.00 (48.70 to 49.70): VU0

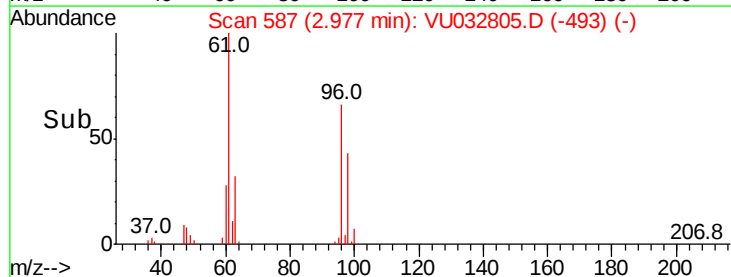
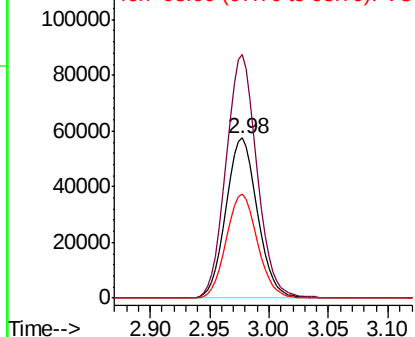


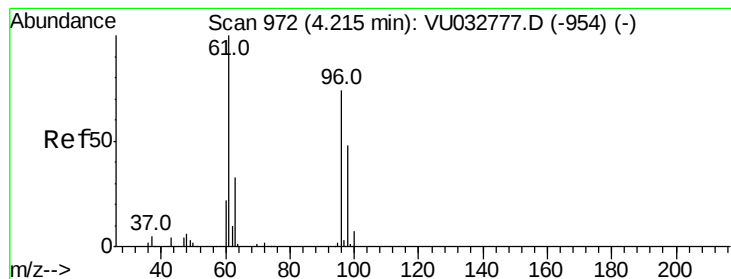
#17
trans-1,2-Dichloroethene
Concen: 69.017 ug/L
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU032805.D
Acq: 17 Jun 2019 23:56

Tgt Ion: 96 Resp: 106244
Ion Ratio Lower Upper
96 100
61 151.9 100.9 187.5
98 64.6 44.0 81.8



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0





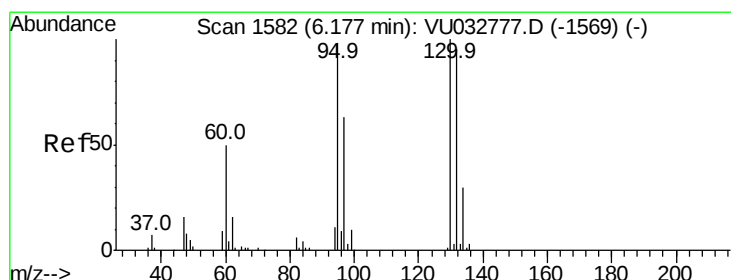
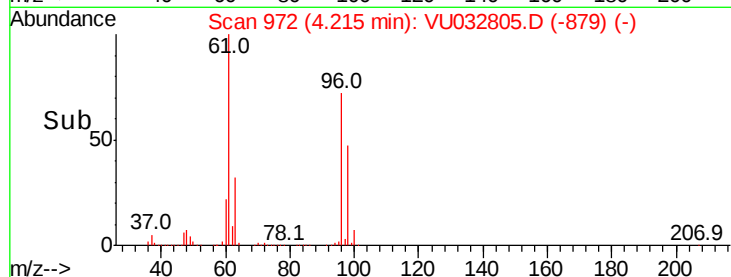
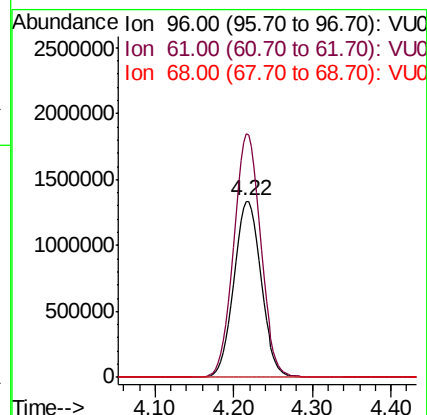
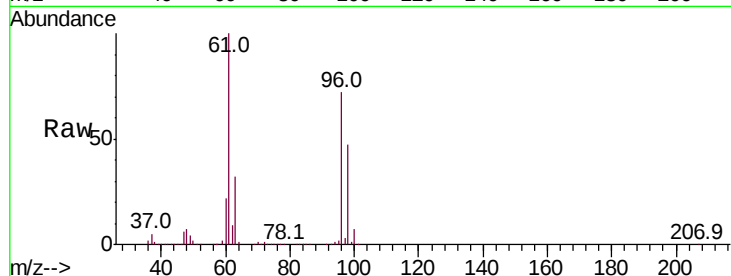
#20

cis-1,2-Dichloroethene
Concen: 1918.543 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU032805.D
Acq: 17 Jun 2019 23:56

Instrument :
MSVOA_U
ClientSampleId :
C0JT6

Tot Ion: 96 Resp: 3217403

Ion	Ratio	Lower	Upper
96	100		
61	138.2	92.4	171.6
68	0.0	0.0	0.0



#34

Trichloroethene
Concen: 518.716 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032805.D
Acq: 17 Jun 2019 23:56

Tgt Ion: 95 Resp: 890845

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.9	85.3
132	97.0	68.5	127.3
130	100.6	70.8	131.4

