

Data File : VU030523.D
Acq On : 28 Mar 2019 18:34
Operator : JC/SP
Sample : K2128-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A5

Quant Time: Mar 29 01:23:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	405257	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379993	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	145135	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.68	69	123814	47.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.27	63	217050	35.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.16%
21) 2-Butanone-d5	4.17	46	279545	91.18	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.18%
24) Chloroform-d	4.64	84	267051	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.31	65	180433	49.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.14%
32) Benzene-d6	5.34	84	527707	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
36) 1,2-Dichloropropane-d6	6.33	67	193866	52.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.00%
41) Toluene-d8	7.56	98	440528	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.85	79	79259	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.31	63	167831	83.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.07%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	258659	48.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.96%
64) 1,2-Dichlorobenzene-d4	11.86	152	150579	50.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

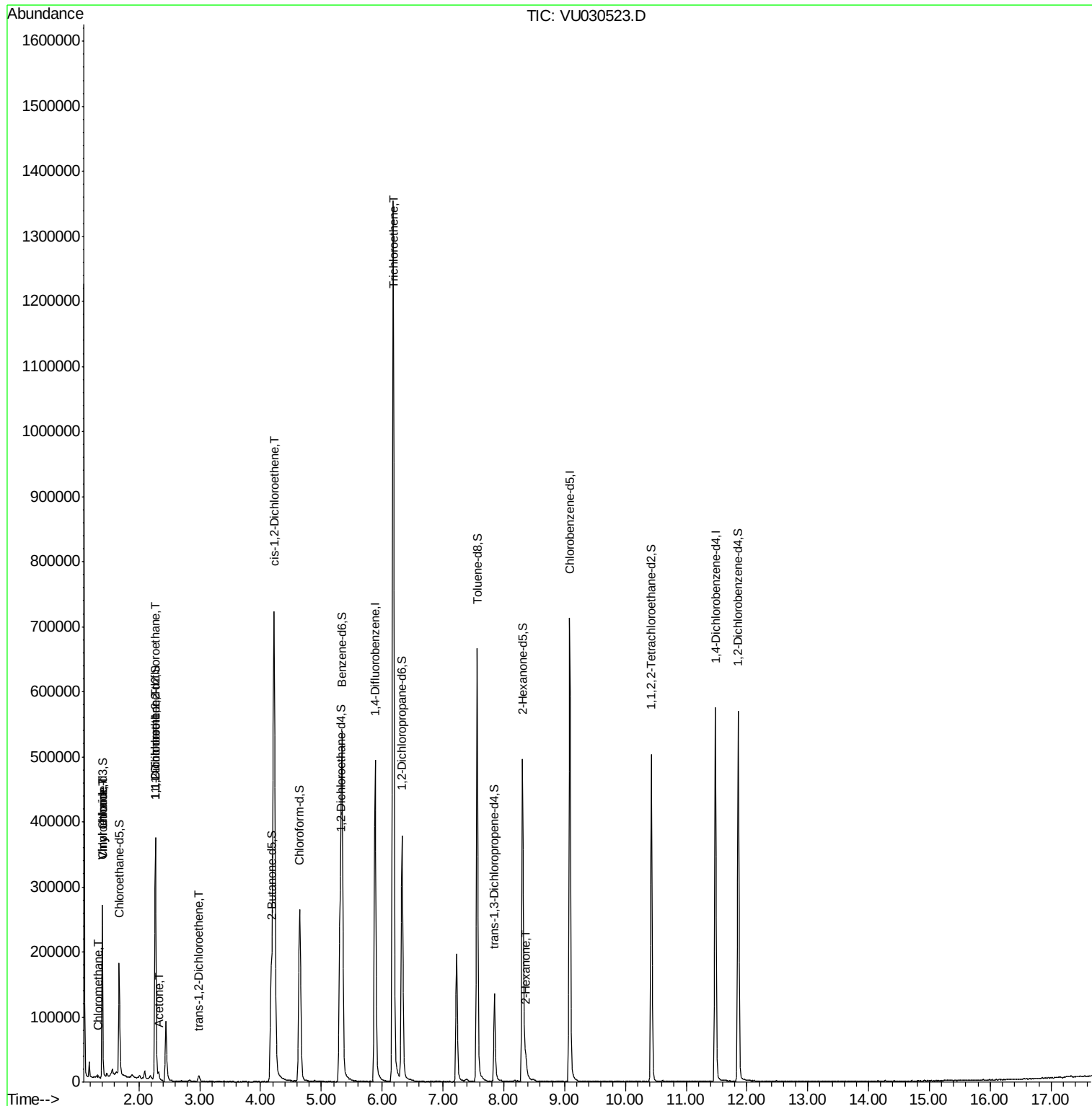
					Qvalue
3) Chloromethane	1.33	50	3373	0.674 ug/L	91
5) Vinyl chloride	1.40	62	30682	6.470 ug/L	91
8) Chloroethane	1.40	64	11684	4.364 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	8604	2.909 ug/L #	84
12) 1,1-Dichloroethene	2.28	96	5846	2.016 ug/L #	1
13) Acetone	2.32	43	8406	2.711 ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	3578	1.176 ug/L	90
20) cis-1,2-Dichloroethene	4.22	96	385785	113.083 ug/L	97
34) Trichloroethene	6.18	95	493587	155.221 ug/L	100
48) 2-Hexanone	8.36	43	16998	3.364 ug/L #	81

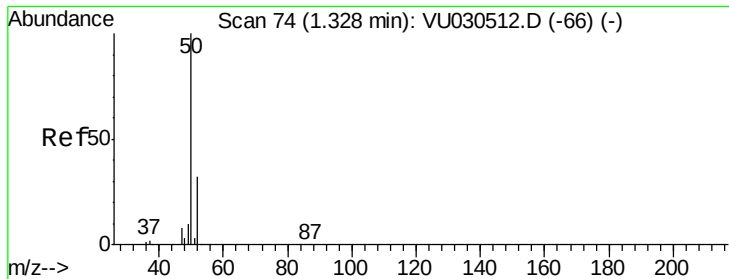
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU030523.D
Acq On : 28 Mar 2019 18:34
Operator : JC/SP
Sample : K2128-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A5

Quant Time: Mar 29 01:23:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 01:19:16 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.674 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

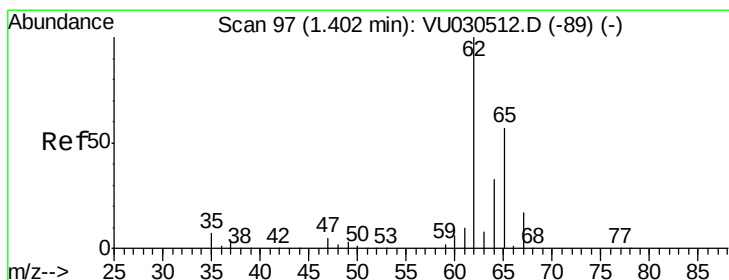
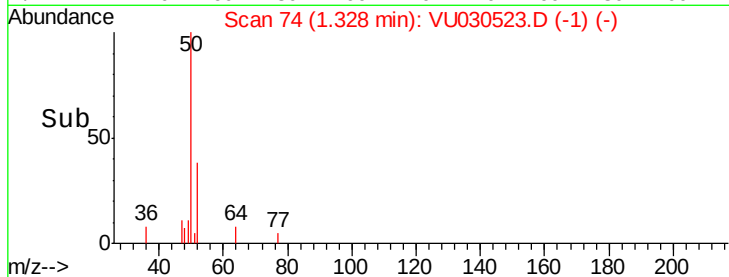
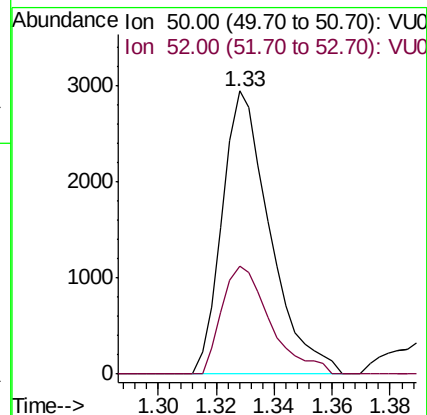
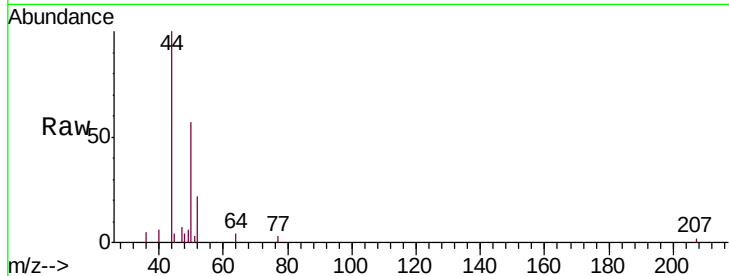
BF1A5

Tgt Ion: 50 Resp: 3373

Ion Ratio Lower Upper

50 100

52 38.1 23.0 42.6



#5

Vinyl chloride

Concen: 6.470 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030523.D

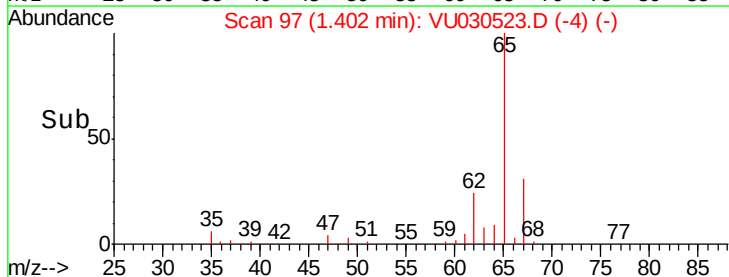
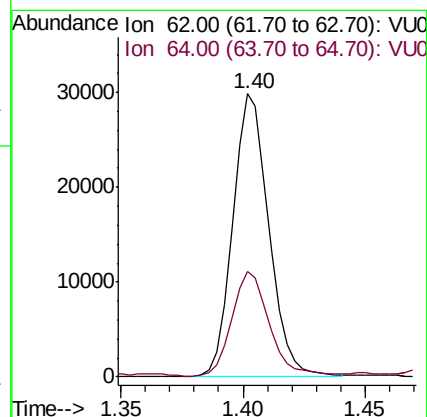
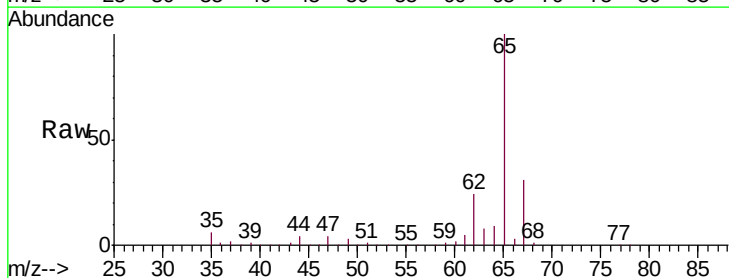
Acq: 28 Mar 2019 18:34

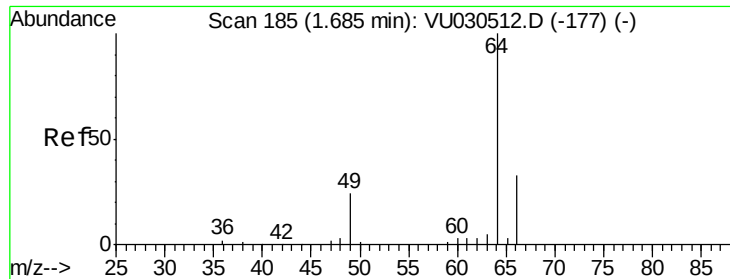
Tgt Ion: 62 Resp: 30682

Ion Ratio Lower Upper

62 100

64 37.4 22.6 42.0

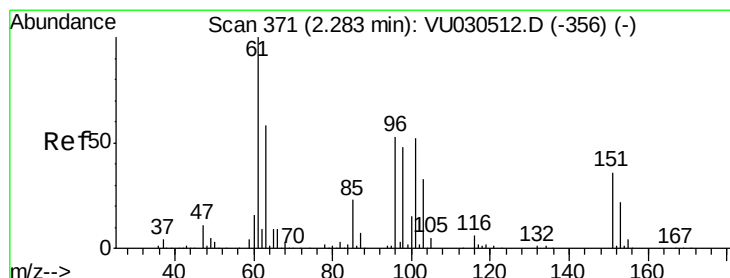
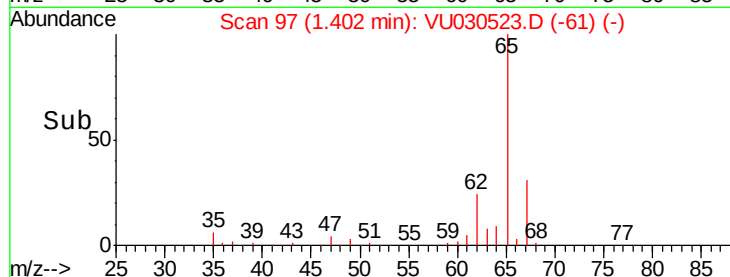
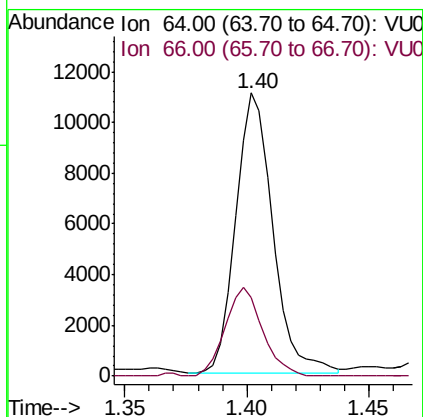
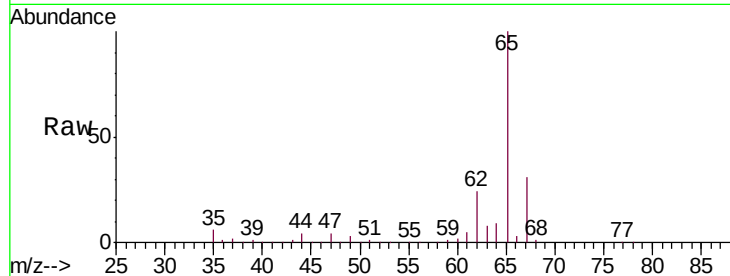




#8
 Chloroethane
 Concen: 4.364 ug/L
 RT: 1.40 min Scan# 97
 Delta R.T. -0.28 min
 Lab File: VU030523.D
 Acq: 28 Mar 2019 18:34

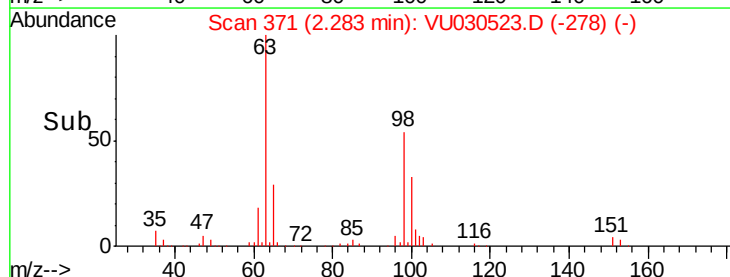
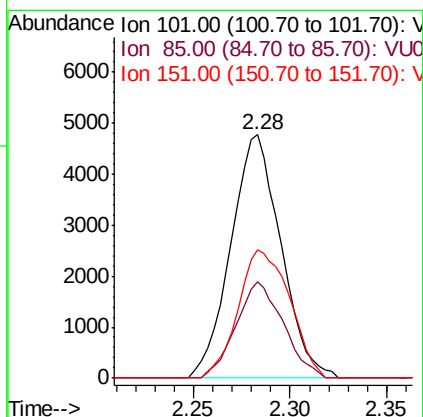
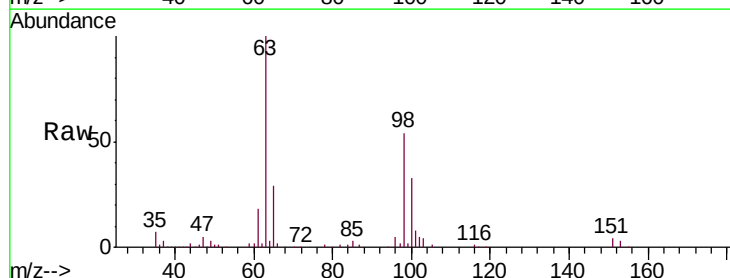
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

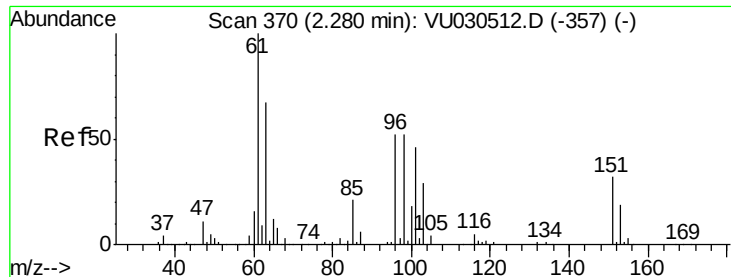
Tgt Ion: 64 Resp: 11684
 Ion Ratio Lower Upper
 64 100
 66 27.9 22.5 41.7



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.909 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU030523.D
 Acq: 28 Mar 2019 18:34

Tgt Ion: 101 Resp: 8604
 Ion Ratio Lower Upper
 101 100
 85 37.4 34.8 52.2
 151 54.1 56.6 85.0#

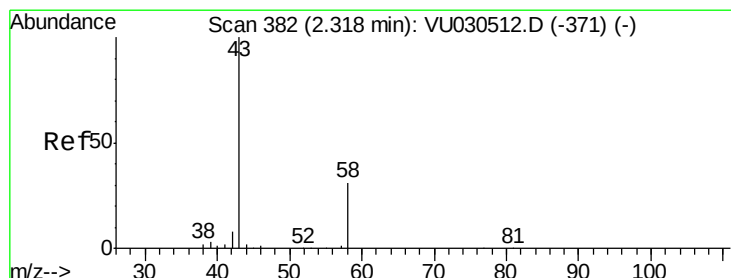
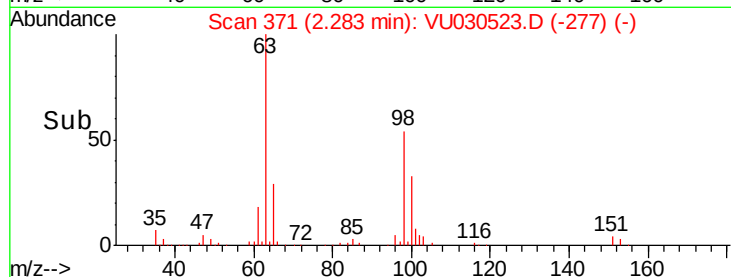
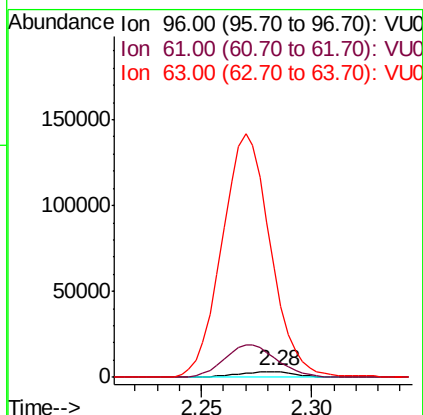
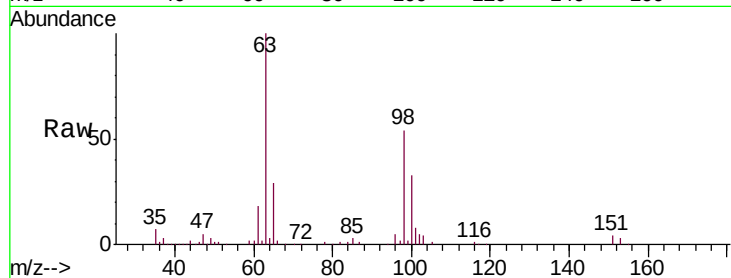




#12
 1,1-Dichloroethene
 Concen: 2.016 ug/L
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU030523.D
 Acq: 28 Mar 2019 18:34

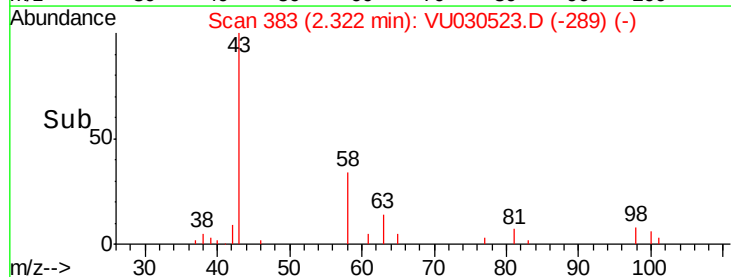
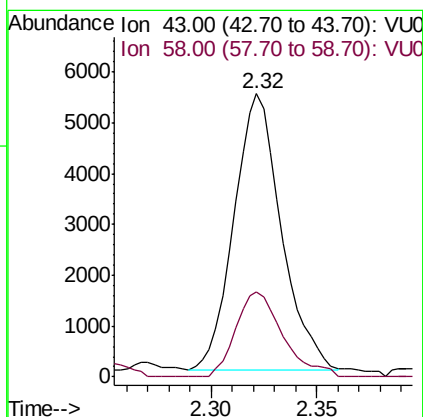
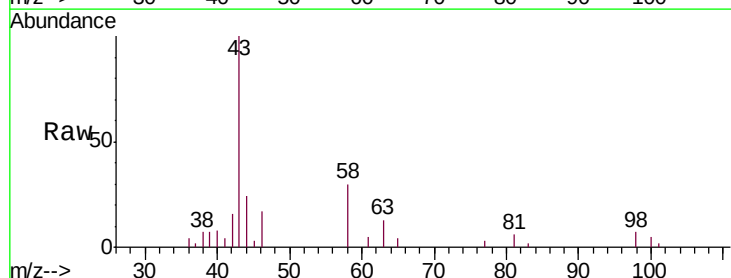
Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A5

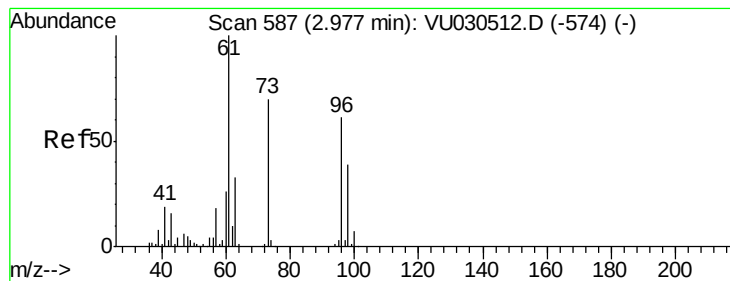
Tgt Ion: 96 Resp: 5846
 Ion Ratio Lower Upper
 96 100
 61 345.0 131.0 243.4#
 63 1938.0 92.4 171.6#



#13
 Acetone
 Concen: 2.711 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU030523.D
 Acq: 28 Mar 2019 18:34

Tgt Ion: 43 Resp: 8406
 Ion Ratio Lower Upper
 43 100
 58 30.7 0.0 62.8





#17

trans-1,2-Dichloroethene

Concen: 1.176 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

BF1A5

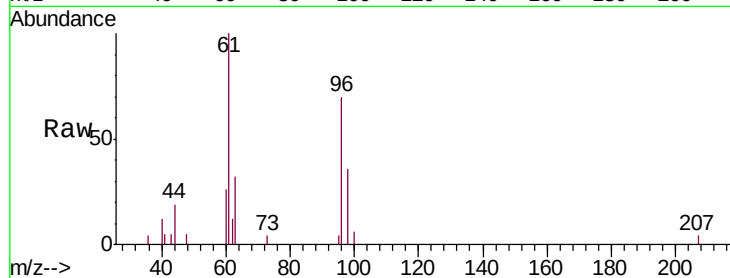
Tgt Ion: 96 Resp: 3578

Ion Ratio Lower Upper

96 100

61 142.8 108.6 201.8

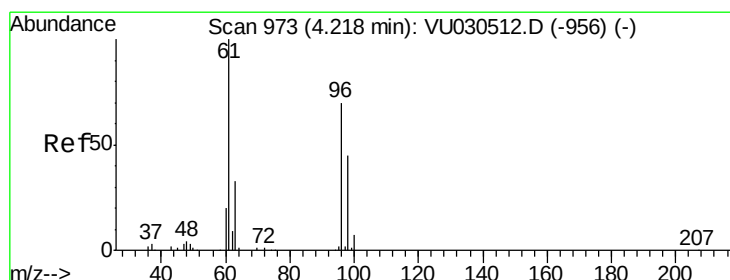
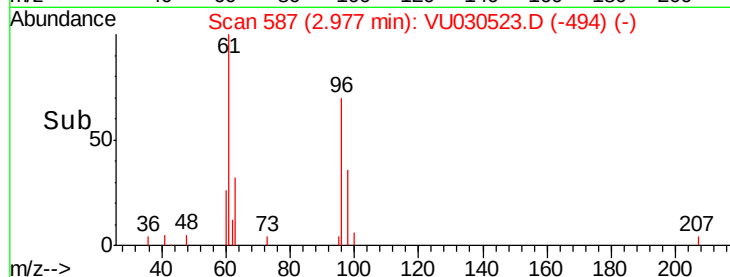
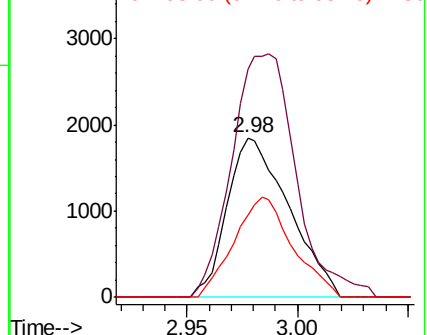
98 51.8 42.3 78.5



Abundance Ion 96.00 (95.70 to 96.70): VU030523.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU030523.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU030523.D (-494) (-)



#20

cis-1,2-Dichloroethene

Concen: 113.083 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

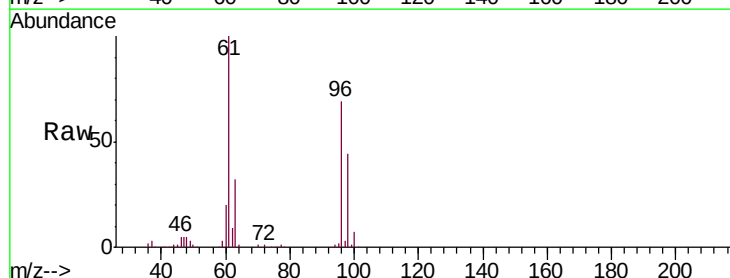
Tgt Ion: 96 Resp: 385785

Ion Ratio Lower Upper

96 100

61 144.2 98.4 182.8

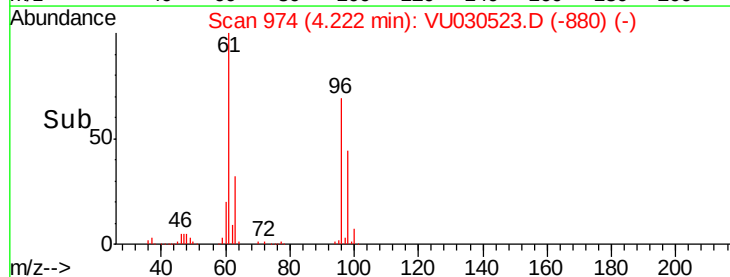
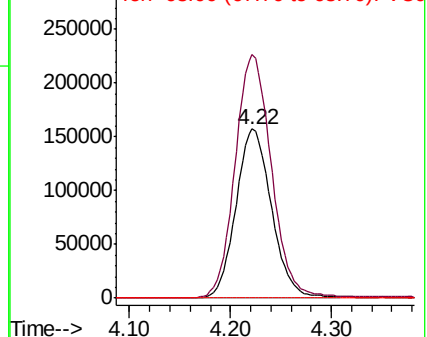
68 0.0 0.0 0.0

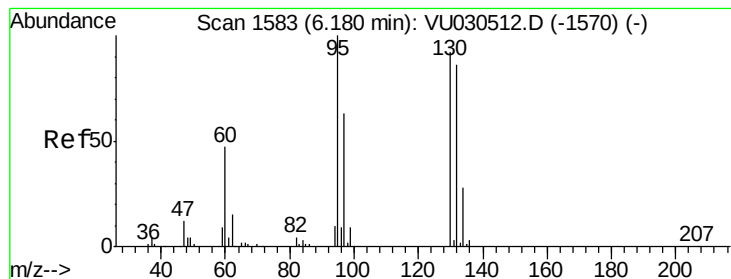


Abundance Ion 96.00 (95.70 to 96.70): VU030523.D (-880) (-)

Ion 61.00 (60.70 to 61.70): VU030523.D (-880) (-)

Ion 68.00 (67.70 to 68.70): VU030523.D (-880) (-)





#34

Trichloroethene

Concen: 155.221 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Instrument :

MSVOA_U

ClientSampleId :

BF1A5

Tgt Ion: 95 Resp: 493587

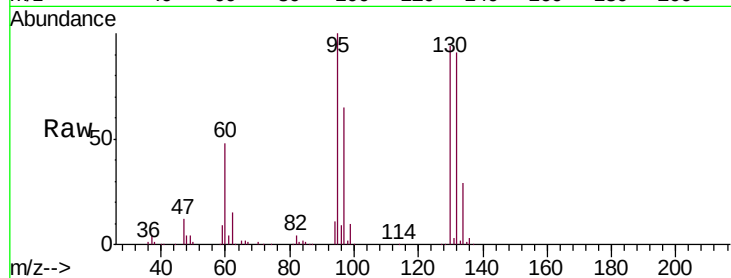
Ion Ratio Lower Upper

95 100

97 64.9 45.7 84.9

132 90.7 63.8 118.4

130 94.1 65.7 121.9

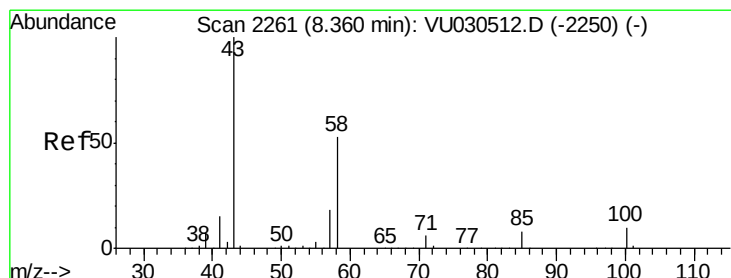
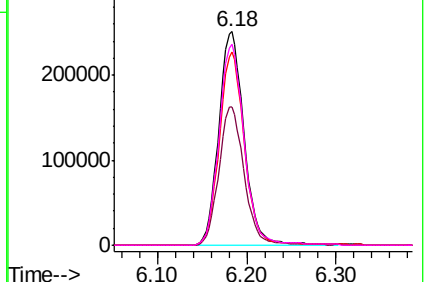
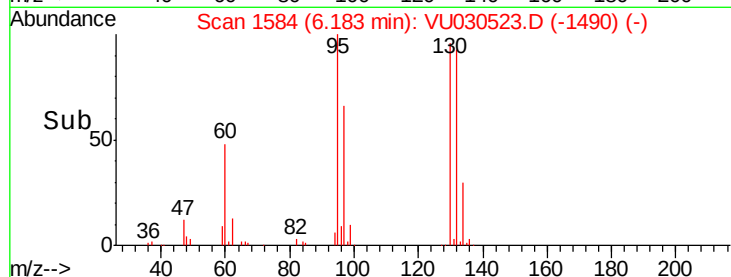


Abundance Ion 95.00 (94.70 to 95.70): VU030512.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU030512.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU030512.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU030512.D (-1570) (-)



#48

2-Hexanone

Concen: 3.364 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU030523.D

Acq: 28 Mar 2019 18:34

Tgt Ion: 43 Resp: 16998

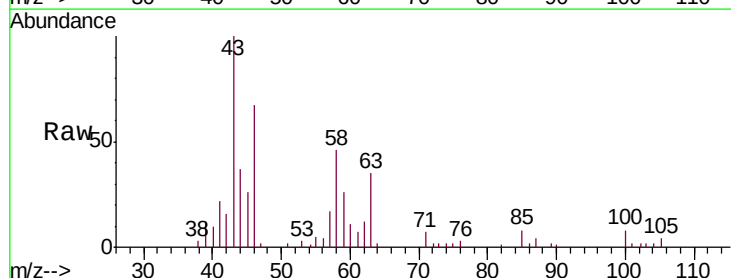
Ion Ratio Lower Upper

43 100

58 43.8 42.5 63.7

57 0.0 15.0 22.6#

100 6.6 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU030512.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU030512.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU030512.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU030512.D (-2250) (-)

