

Data File : VU031479.D
Acq On : 24 Apr 2019 18:42
Operator : JC/SP
Sample : K2517-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHY5

Quant Time: Apr 25 06:10:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 25 06:05:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	323704	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	315117	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117157	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	132650	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.68	69	101692	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.27	63	191968	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	373757	53.79	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.58%
24) Chloroform-d	4.64	84	222369	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.31	65	125567	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
32) Benzene-d6	5.33	84	441410	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.33	67	151610	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	344355	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	50266	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.31	63	250150	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	113392	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	119736	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%

Target Compounds

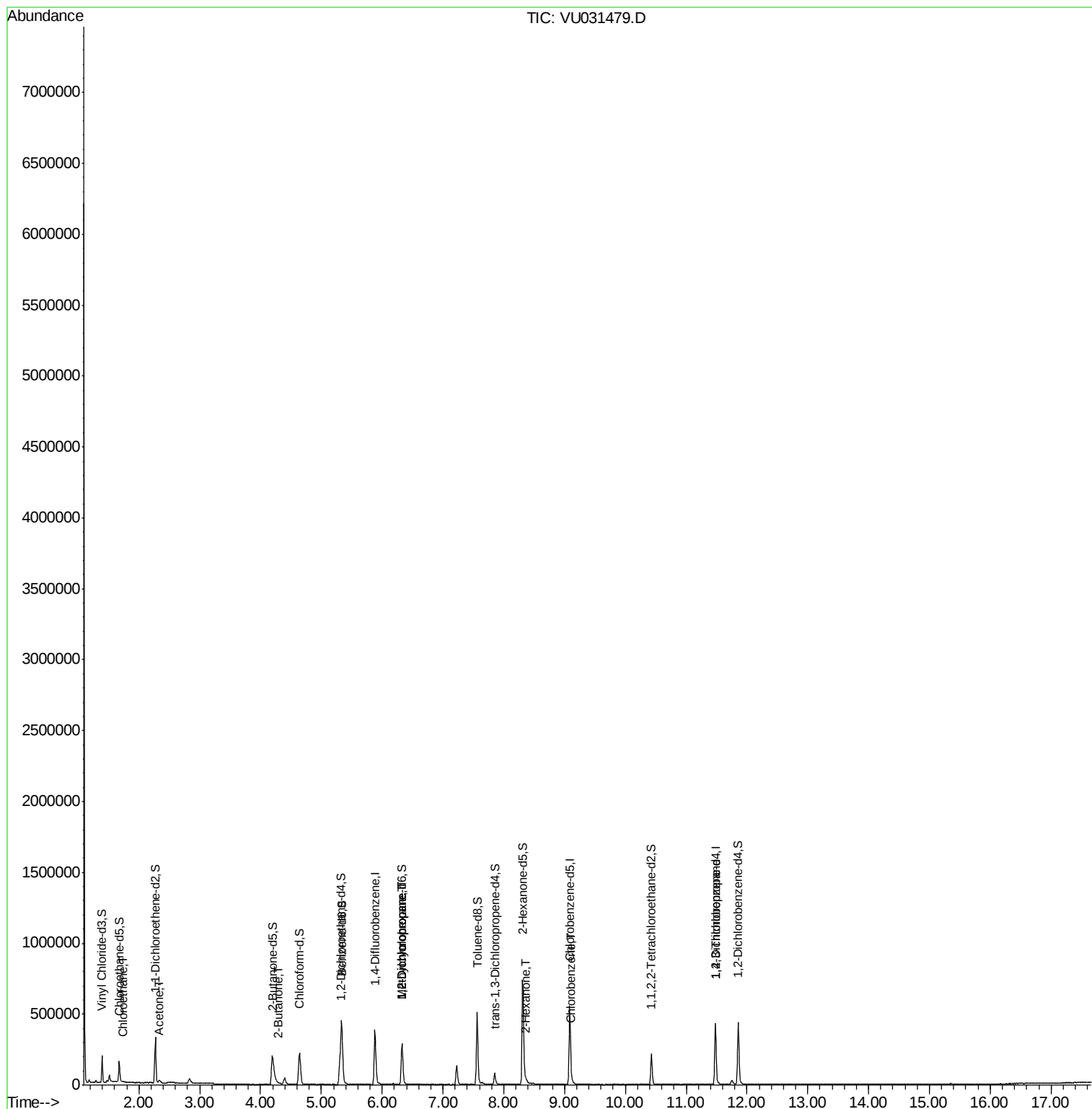
					Qvalue	
8) Chloroethane	1.74	64	1600	0.084	ug/L #	51
13) Acetone	2.34	43	19341	3.918	ug/L	95
21) 2-Butanone	4.30	43	8409	1.120	ug/L	81
35) Methylcyclohexane	6.33	83	32293	0.850	ug/L #	15
37) 1,2-Dichloropropane	6.33	63	15202	0.583	ug/L #	90
48) 2-Hexanone	8.37	43	15326	1.224	ug/L #	68
51) Chlorobenzene	9.12	112	12697	0.214	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	15026	0.914	ug/L	93

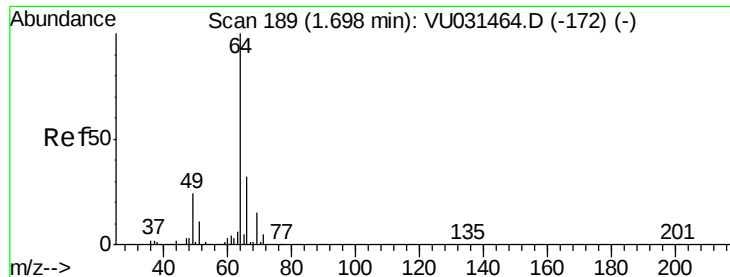
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.084 ug/L

RT: 1.74 min Scan# 202

Delta R.T. 0.04 min

Lab File: VU031479.D

Acq: 24 Apr 2019 18:42

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MSVOA_U

ClientSampleId :

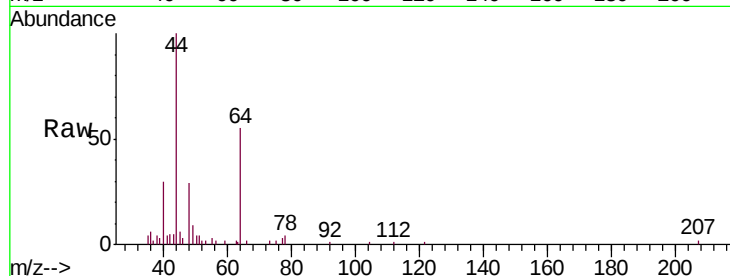
GAHY5

Tgt Ion: 64 Resp: 1600

Ion Ratio Lower Upper

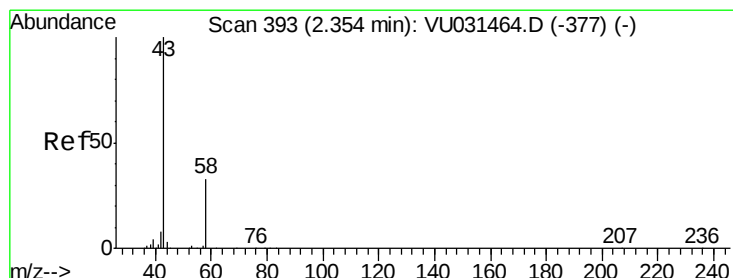
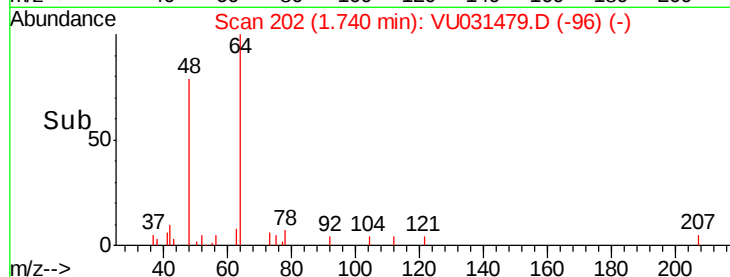
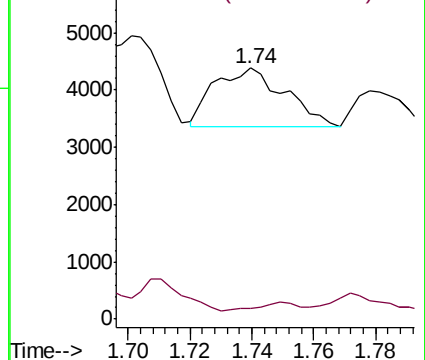
64 100

66 4.3 22.0 40.8#



Abundance Ion 64.10 (63.80 to 64.80): VU031479.D (-202) (-)

Ion 66.05 (65.75 to 66.75): VU031479.D (-202) (-)



#13

Acetone

Concen: 3.918 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.02 min

Lab File: VU031479.D

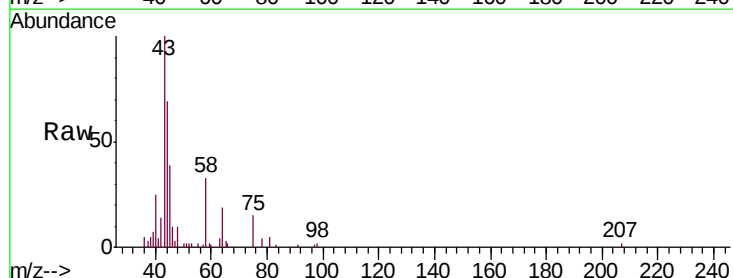
Acq: 24 Apr 2019 18:42

Tgt Ion: 43 Resp: 19341

Ion Ratio Lower Upper

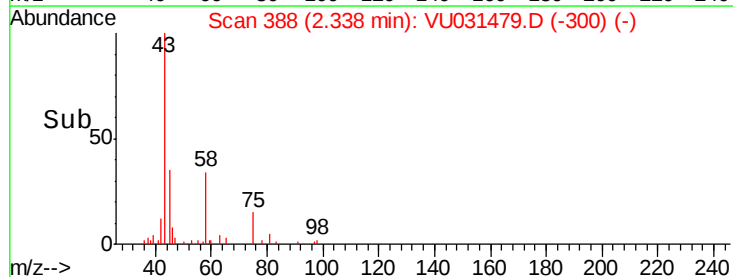
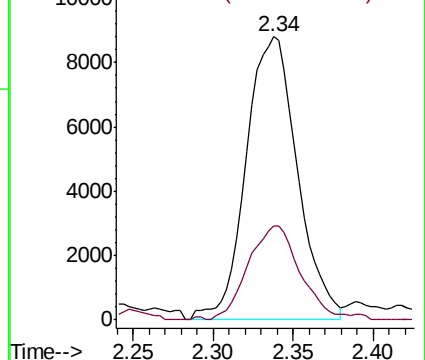
43 100

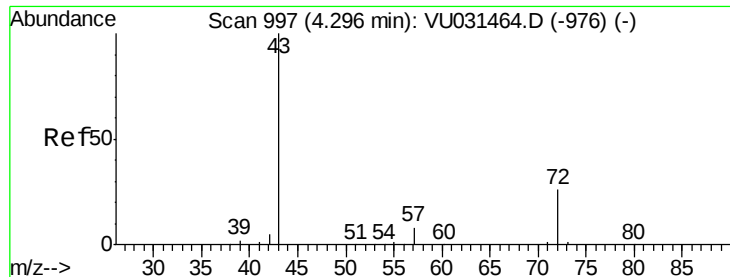
58 33.7 0.0 62.4



Abundance Ion 43.05 (42.75 to 43.75): VU031479.D (-388) (-)

Ion 58.05 (57.75 to 58.75): VU031479.D (-388) (-)





#21

2-Butanone

Concen: 1.120 ug/L

RT: 4.30 min Scan# 997

Delta R.T. -0.00 min

Lab File: VU031479.D

Acq: 24 Apr 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

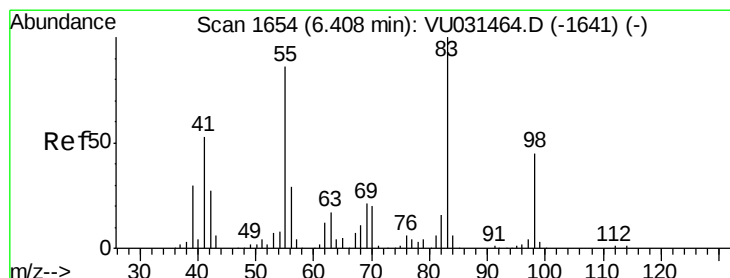
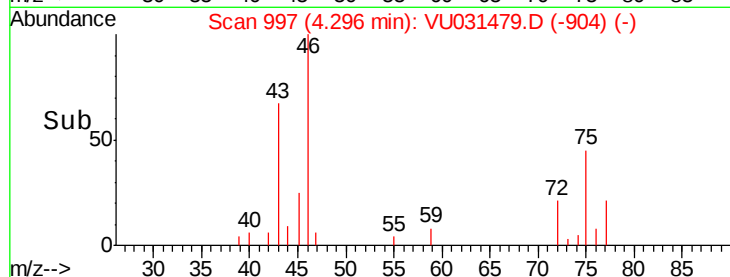
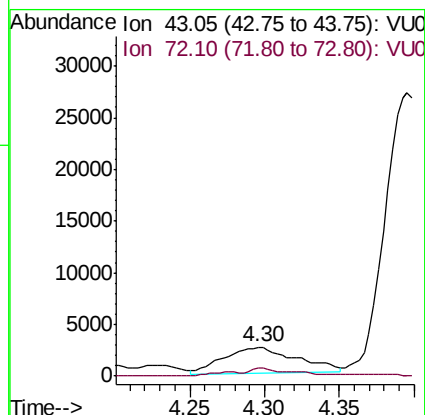
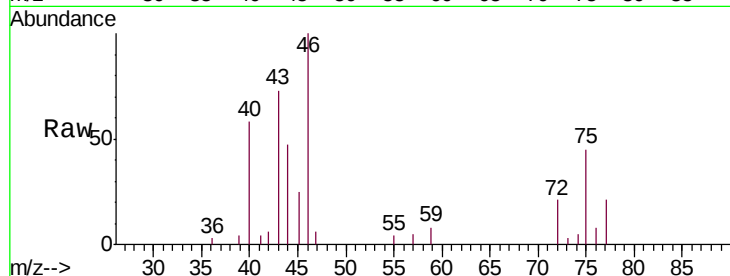
GAHY5

Tgt Ion: 43 Resp: 8409

Ion Ratio Lower Upper

43 100

72 13.9 11.7 35.0



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031479.D

Acq: 24 Apr 2019 18:42

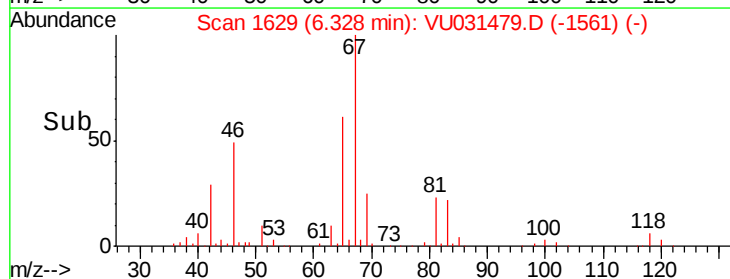
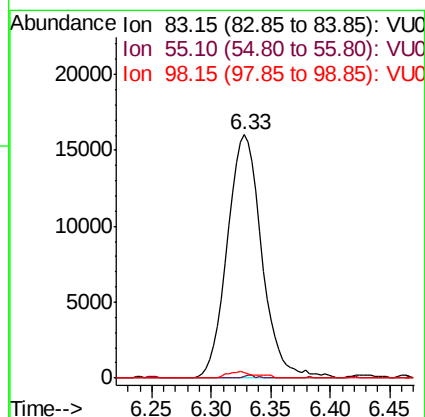
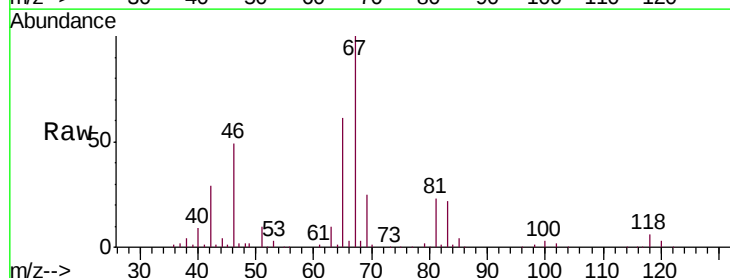
Tgt Ion: 83 Resp: 32293

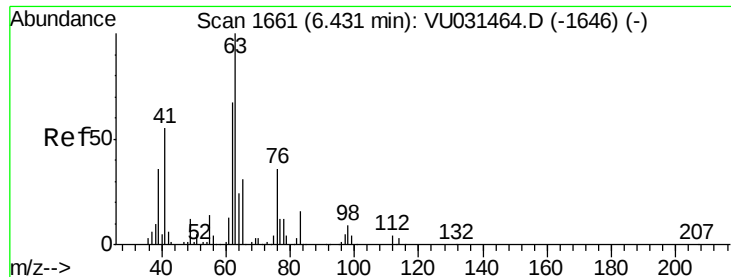
Ion Ratio Lower Upper

83 100

55 0.3 71.1 106.7#

98 2.1 36.6 54.8#

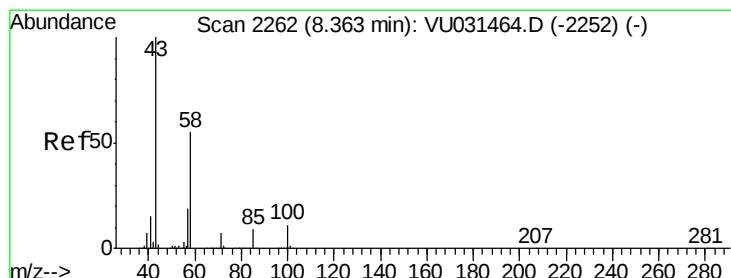
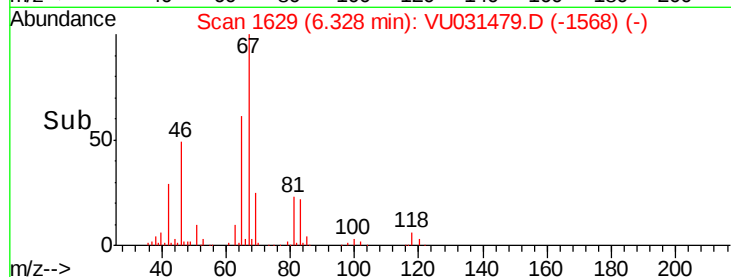
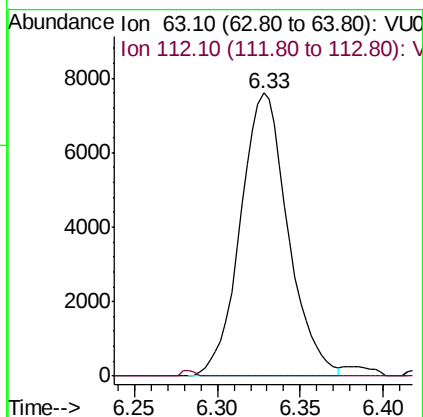
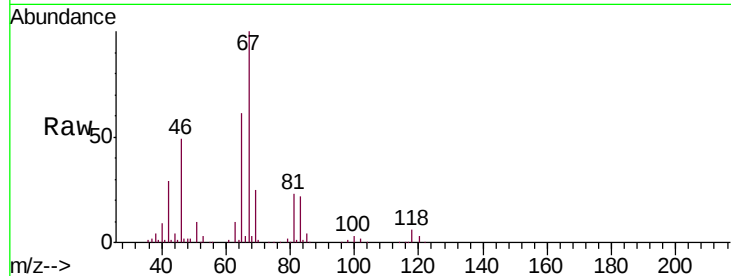




#37
 1,2-Dichloropropane
 Concen: 0.583 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031479.D
 Acq: 24 Apr 2019 18:42

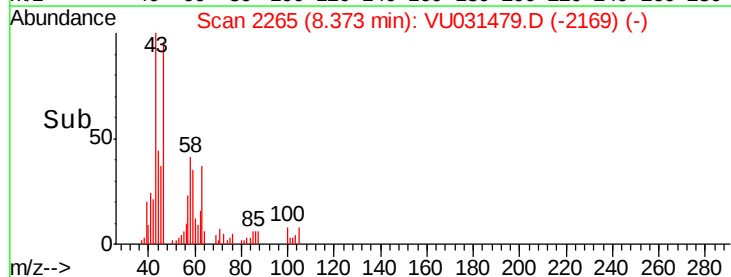
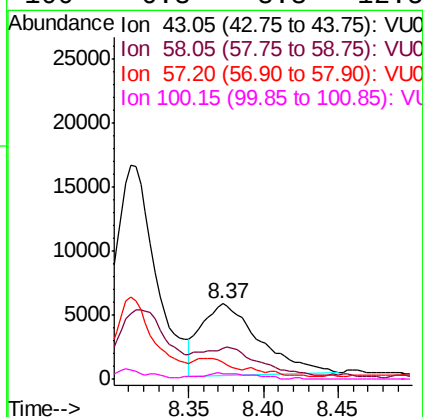
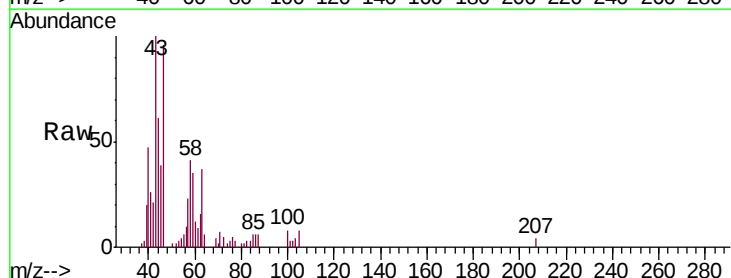
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHY5

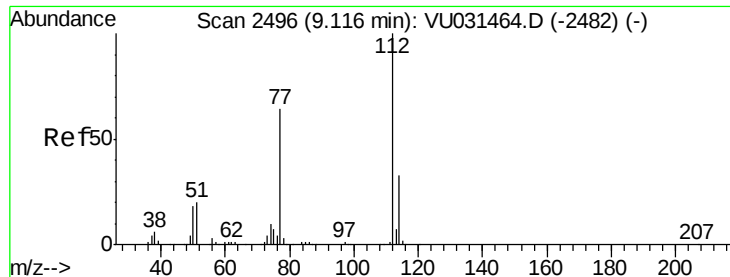
Tgt Ion: 63 Resp: 15202
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.0 4.6#



#48
 2-Hexanone
 Concen: 1.224 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031479.D
 Acq: 24 Apr 2019 18:42

Tgt Ion: 43 Resp: 15326
 Ion Ratio Lower Upper
 43 100
 58 23.5 44.6 67.0#
 57 15.4 15.3 22.9
 100 6.3 8.3 12.5#





#51

Chlorobenzene

Concen: 0.214 ug/L

RT: 9.12 min Scan# 2497

Delta R.T. 0.00 min

Lab File: VU031479.D

Acq: 24 Apr 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

GAHY5

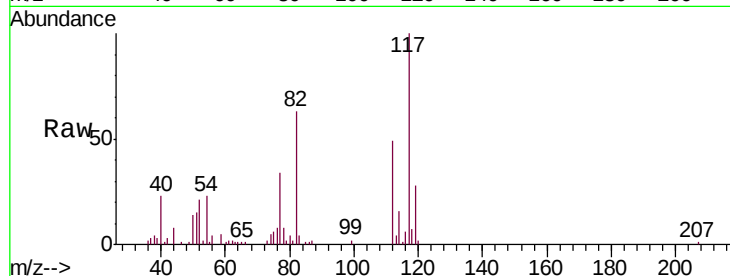
Tgt Ion: 112 Resp: 12697

Ion Ratio Lower Upper

112 100

114 32.0 21.9 40.7

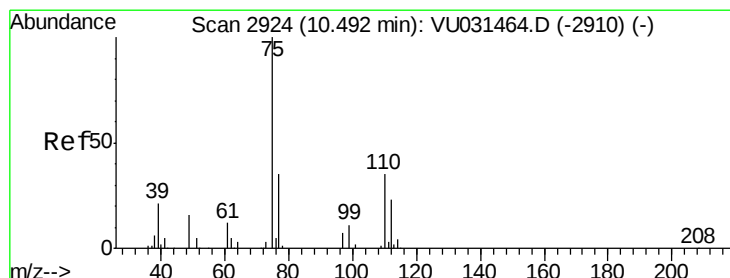
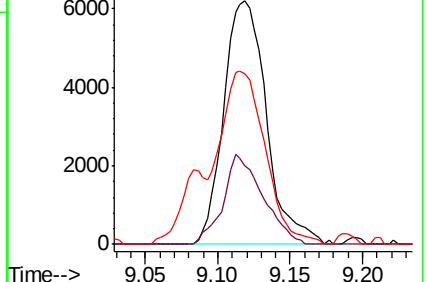
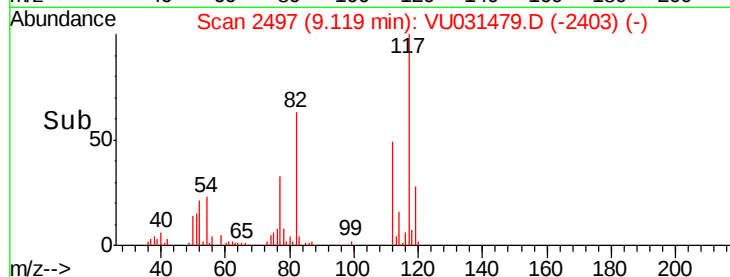
77 70.0 48.9 73.3



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 0.914 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031479.D

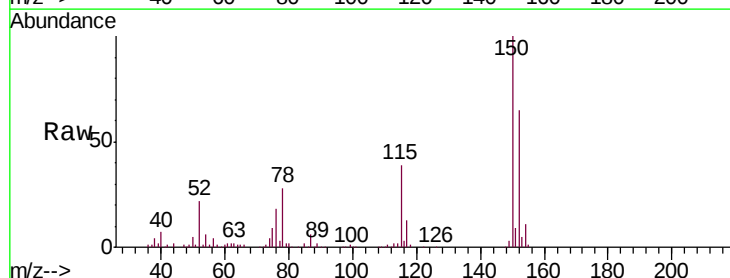
Acq: 24 Apr 2019 18:42

Tgt Ion: 75 Resp: 15026

Ion Ratio Lower Upper

75 100

77 36.1 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

