

Data File : VU031483.D
Acq On : 24 Apr 2019 20:20
Operator : JC/SP
Sample : K2517-11MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHZ1MS

Quant Time: Apr 25 06:11:22 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	320593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	317812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	115296	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	135819	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.68	69	99987	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	260124	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.80%
20) 2-Butanone-d5	4.19	46	373513	54.28	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.56%
24) Chloroform-d	4.64	84	222759	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.31	65	124622	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.33	84	446882	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.33	67	153902	5.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.80%
41) Toluene-d8	7.56	98	345643	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	49972	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.31	63	244138	45.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117070	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	112107	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

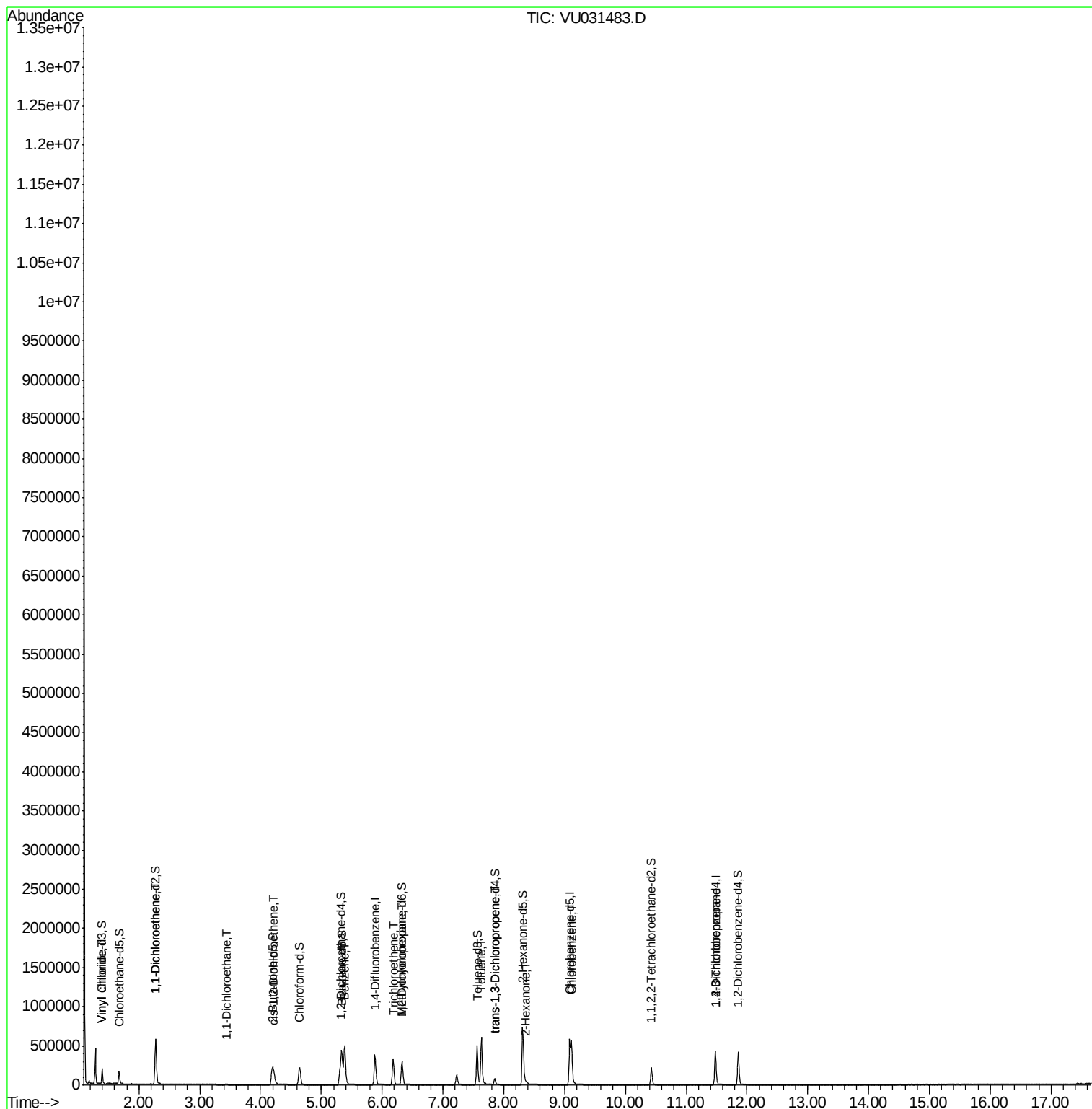
					Qvalue
5) Vinyl chloride	1.40	62	3975	0.119 ug/L #	38
12) 1,1-Dichloroethene	2.28	96	108082	4.851 ug/L	98
19) 1,1-Dichloroethane	3.44	63	8167	0.183 ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	44602	1.838 ug/L	99
33) Benzene	5.38	78	491565	5.005 ug/L	100
34) Trichloroethene	6.18	95	119535	4.618 ug/L	98
35) Methylcyclohexane	6.32	83	32631	0.852 ug/L #	15
42) Toluene	7.63	91	457566	4.641 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	2295	0.081 ug/L	96
48) 2-Hexanone	8.37	43	15819	1.252 ug/L #	54
51) Chlorobenzene	9.12	112	298889	4.998 ug/L	96
59) 1,2,3-Trichloropropane	11.48	75	14734	0.889 ug/L #	43

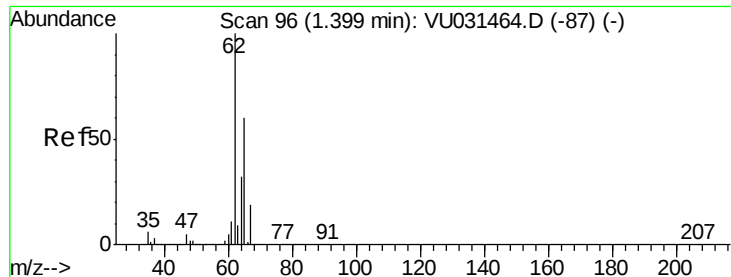
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU031483.D
Acq On : 24 Apr 2019 20:20
Operator : JC/SP
Sample : K2517-11MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHZ1MS

Quant Time: Apr 25 06:11:22 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





#5

Vinyl chloride

Concen: 0.119 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

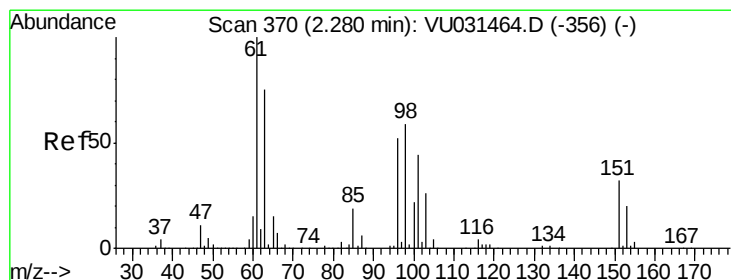
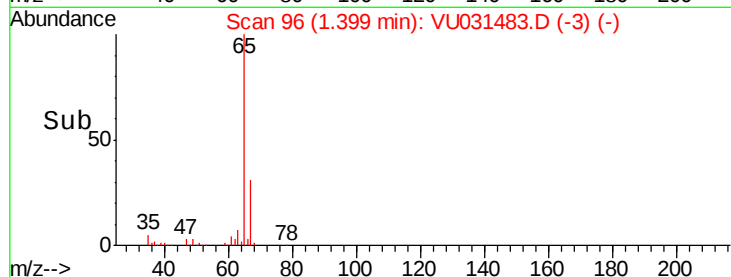
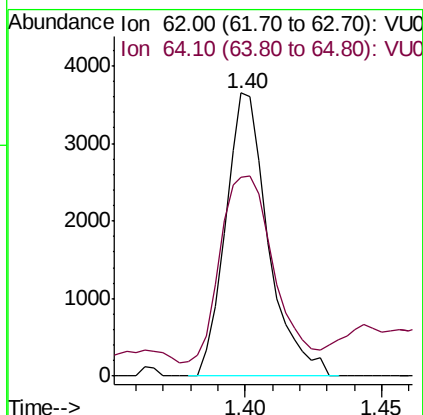
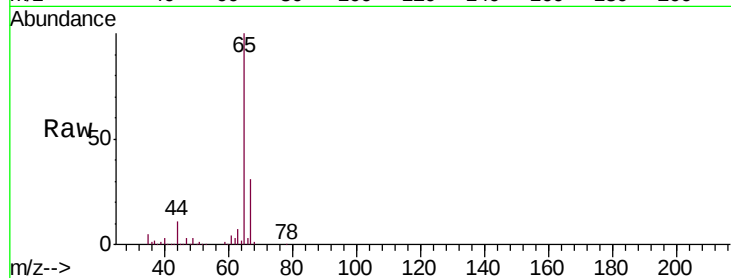
GAHZ1MS

Tgt Ion: 62 Resp: 3975

Ion Ratio Lower Upper

62 100

64 70.1 23.9 44.5#



#12

1,1-Dichloroethene

Concen: 4.851 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

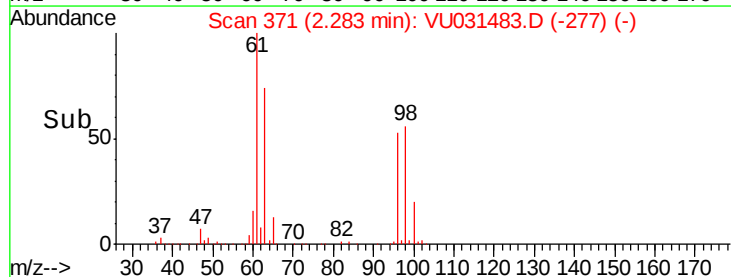
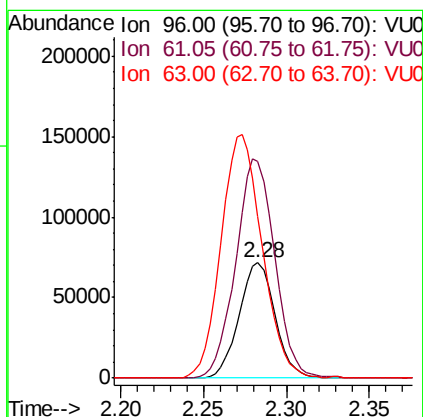
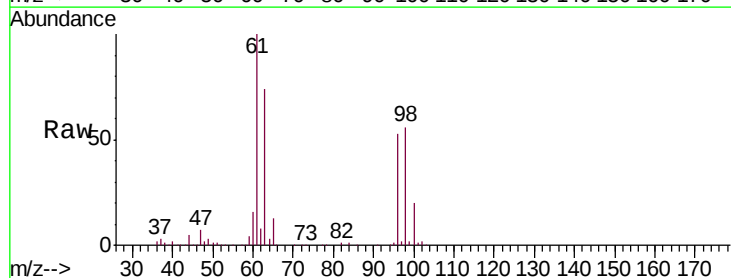
Tgt Ion: 96 Resp: 108082

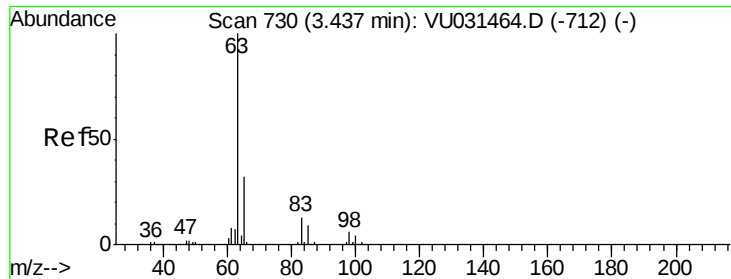
Ion Ratio Lower Upper

96 100

61 188.2 131.3 243.8

63 140.0 101.9 189.3

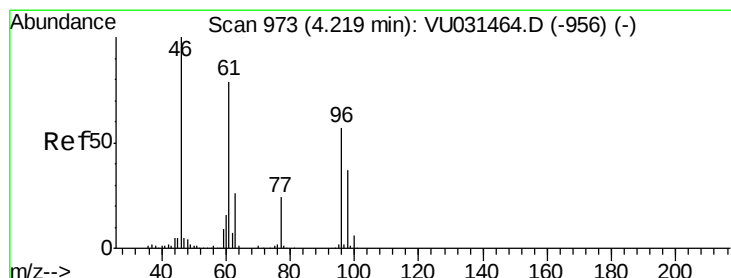
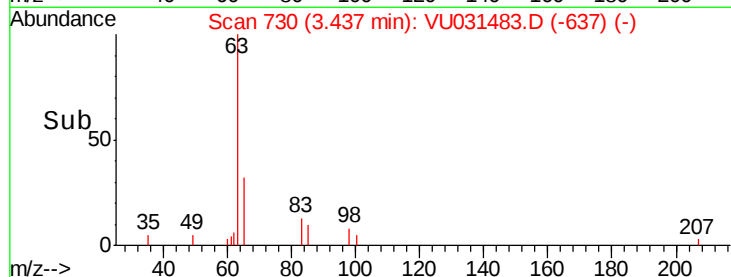
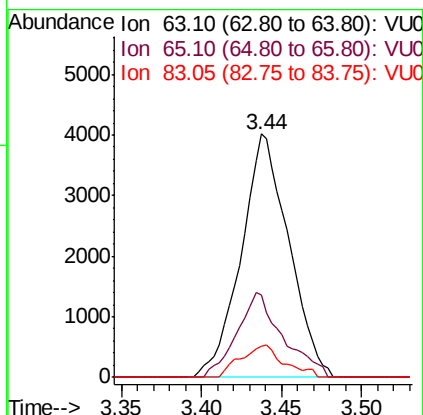
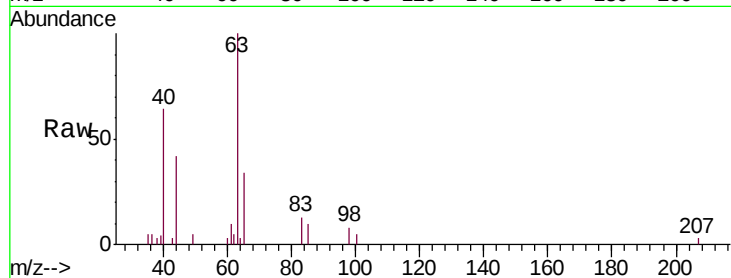




#19
 1,1-Dichloroethane
 Concen: 0.183 ug/L
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU031483.D
 Acq: 24 Apr 2019 20:20

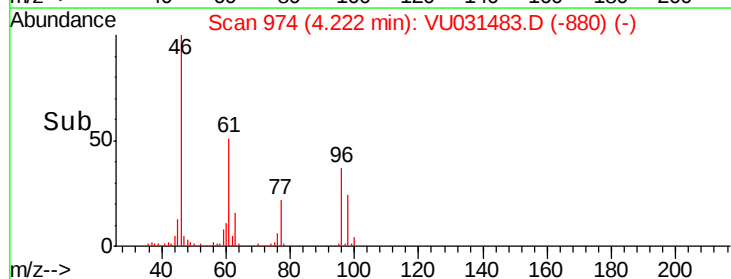
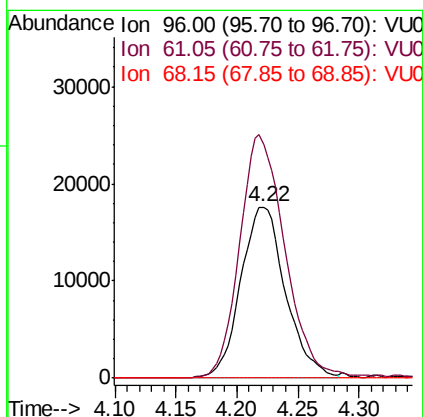
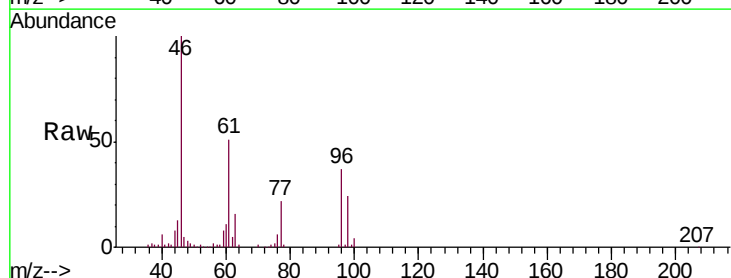
Instrument :
 MSVOA_U
 ClientSampleId :
 GAHZ1MS

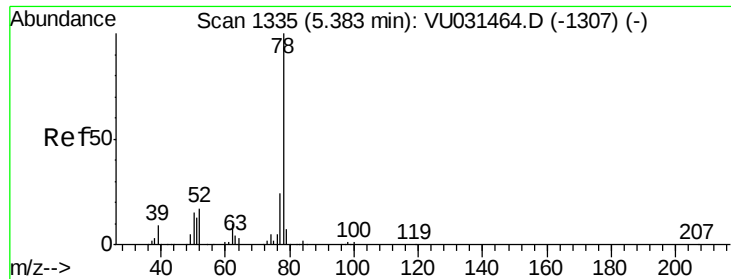
Tgt Ion: 63 Resp: 8167
 Ion Ratio Lower Upper
 63 100
 65 33.7 22.3 41.5
 83 12.7 8.5 15.9



#22
 cis-1,2-Dichloroethene
 Concen: 1.838 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031483.D
 Acq: 24 Apr 2019 20:20

Tgt Ion: 96 Resp: 44602
 Ion Ratio Lower Upper
 96 100
 61 136.8 94.8 176.2
 68 0.0 0.0 0.0





#33

Benzene

Concen: 5.005 ug/L

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

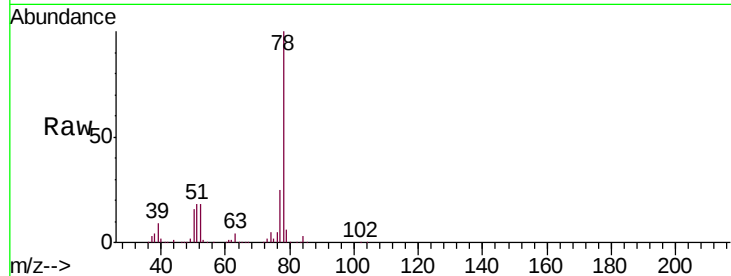
Instrument :

MSVOA_U

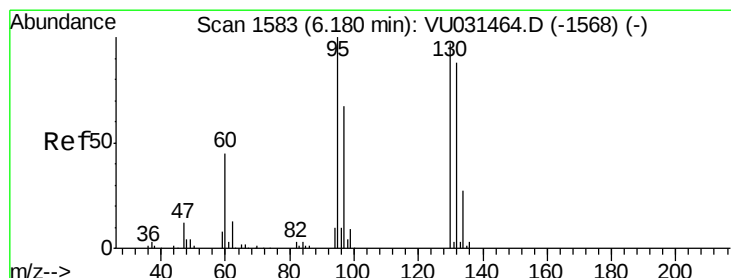
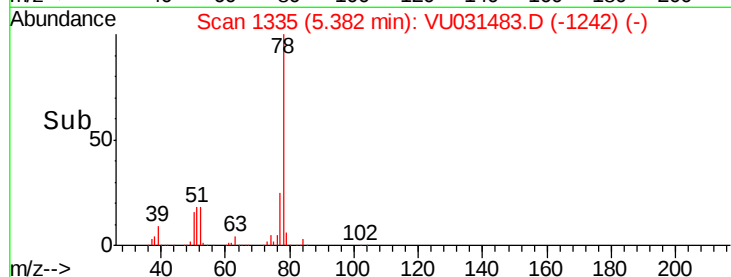
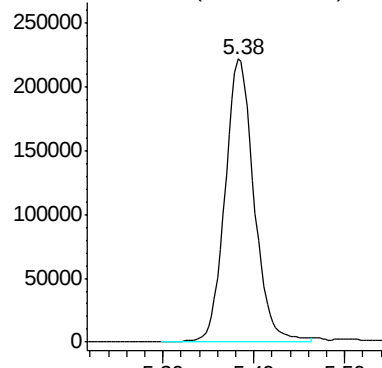
ClientSampleId :

GAHZ1MS

Tgt Ion: 78 Resp: 491565



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.618 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Tgt Ion: 95 Resp: 119535

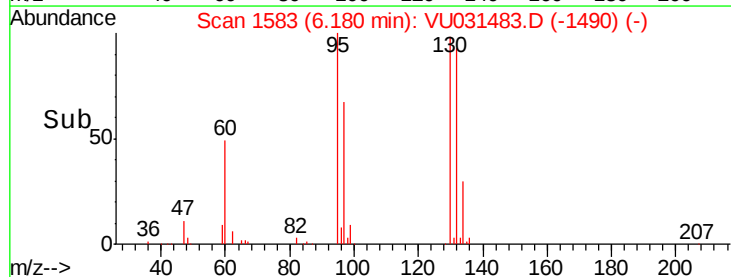
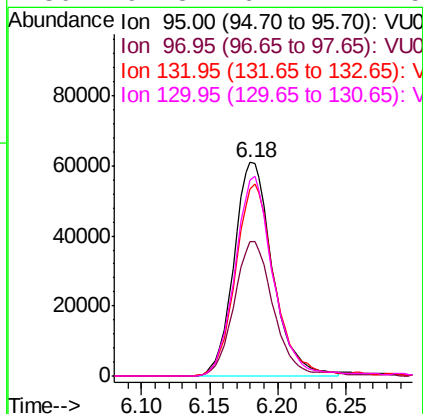
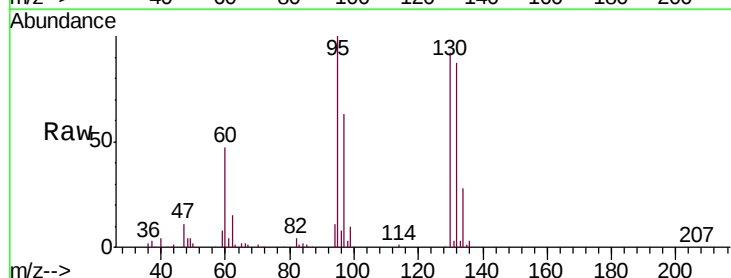
Ion	Ratio	Lower	Upper
95	100		
97	62.9	44.3	82.3
132	87.3	59.9	111.3
130	91.8	67.1	124.5

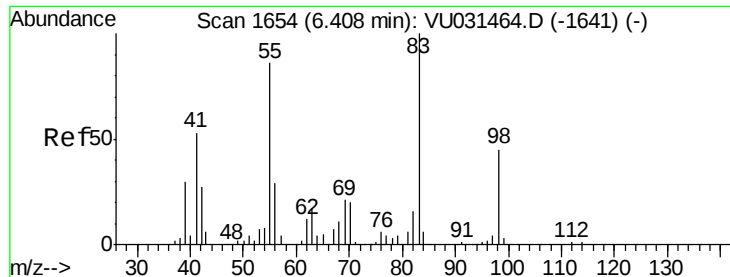
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

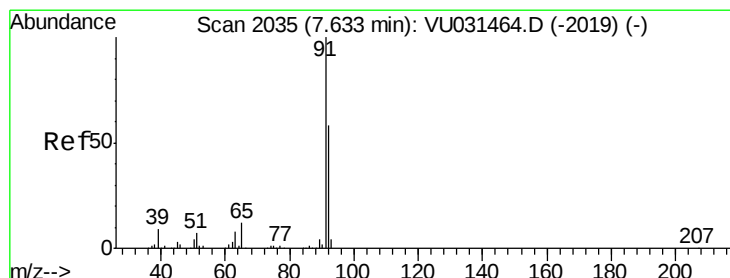
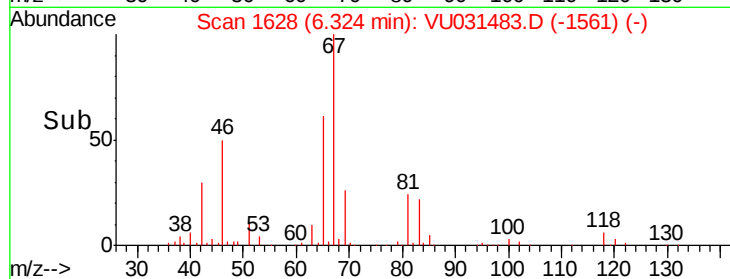
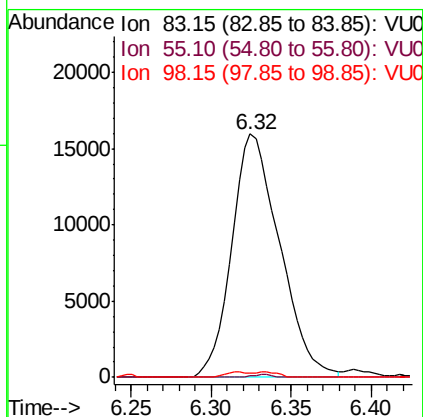
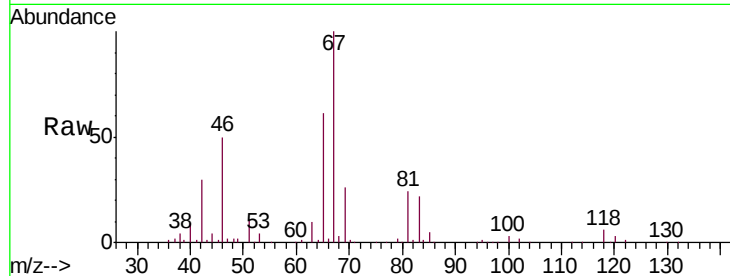




#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031483.D
Acq: 24 Apr 2019 20:20

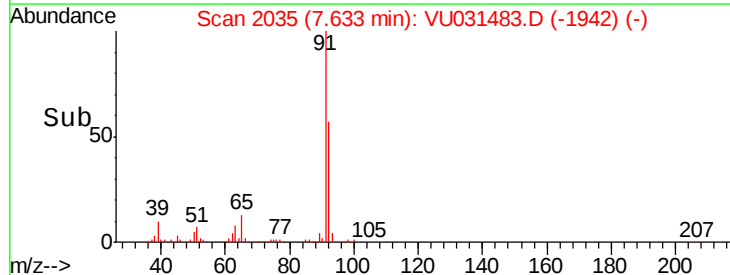
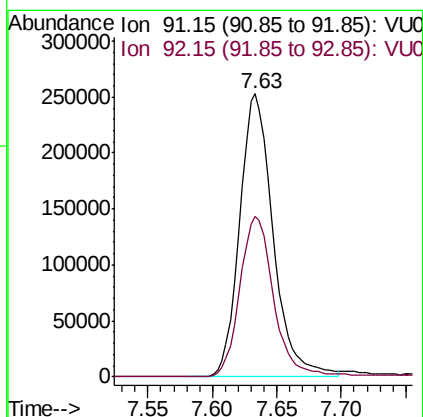
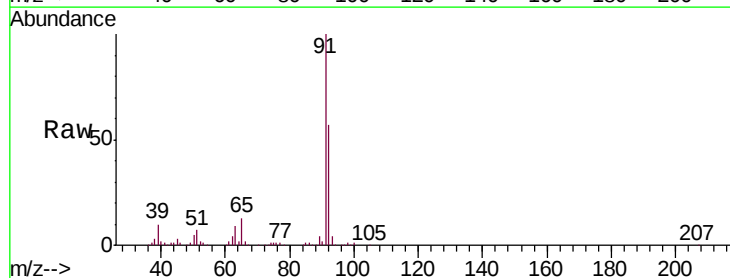
Instrument :
MSVOA_U
ClientSampleId :
GAHZ1MS

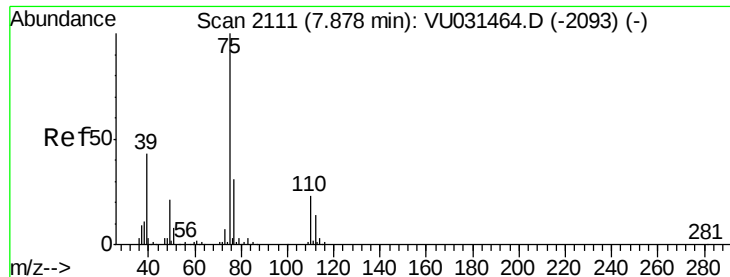
Tgt Ion: 83 Resp: 32631
Ion Ratio Lower Upper
83 100
55 0.5 71.1 106.7#
98 1.0 36.6 54.8#



#42
Toluene
Concen: 4.641 ug/L
RT: 7.63 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VU031483.D
Acq: 24 Apr 2019 20:20

Tgt Ion: 91 Resp: 457566
Ion Ratio Lower Upper
91 100
92 56.7 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.03 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

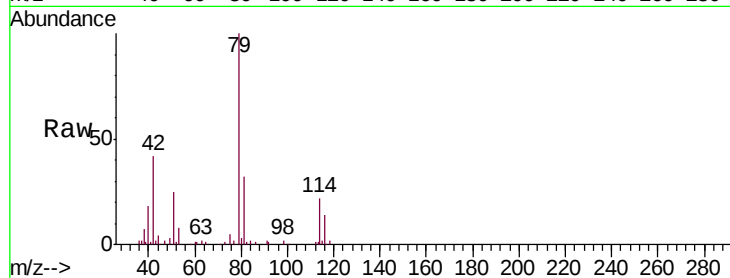
GAHZ1MS

Tgt Ion: 75 Resp: 2295

Ion Ratio Lower Upper

75 100

77 34.5 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU031464.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU031464.D (-2093) (-)

7.85

1500

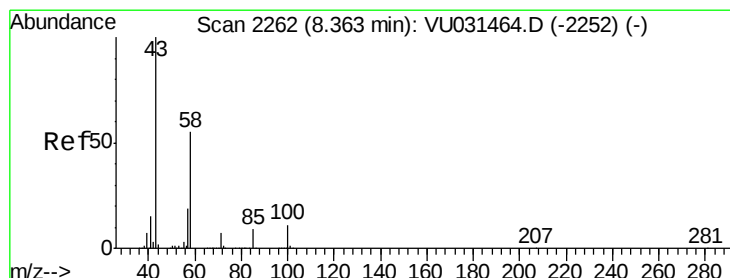
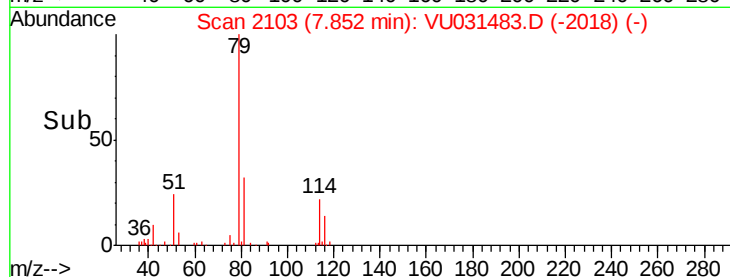
1000

500

0

7.80 7.85 7.90

Time-->



#48

2-Hexanone

Concen: 1.252 ug/L

RT: 8.37 min Scan# 2264

Delta R.T. 0.01 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Tgt Ion: 43 Resp: 15819

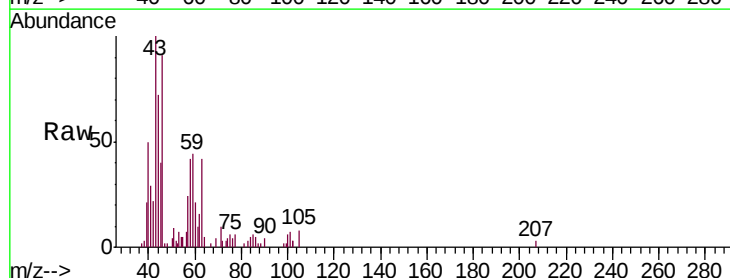
Ion Ratio Lower Upper

43 100

58 9.1 44.6 67.0#

57 23.3 15.3 22.9#

100 5.4 8.3 12.5#



Abundance Ion 43.05 (42.75 to 43.75): VU031464.D (-2252) (-)

Ion 58.05 (57.75 to 58.75): VU031464.D (-2252) (-)

Ion 57.20 (56.90 to 57.90): VU031464.D (-2252) (-)

Ion 100.15 (99.85 to 100.85): VU031464.D (-2252) (-)

25000

20000

15000

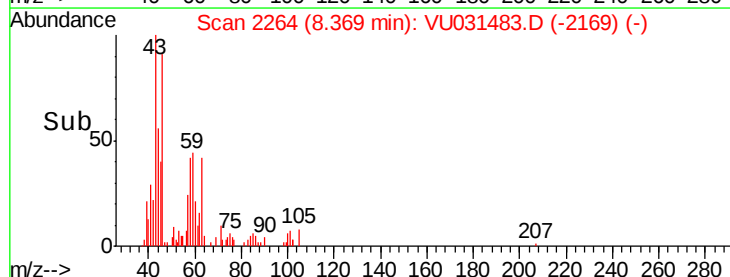
10000

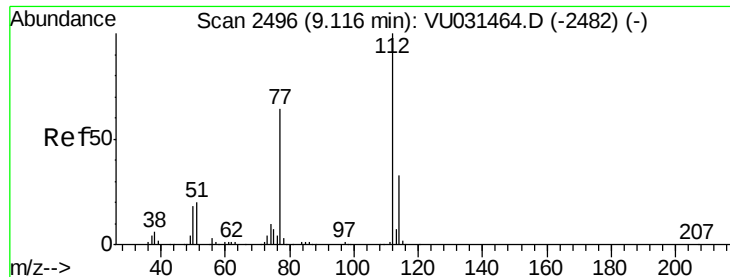
5000

0

8.30 8.35 8.40 8.45

Time-->





#51

Chlorobenzene

Concen: 4.998 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. -0.00 min

Lab File: VU031483.D

Acq: 24 Apr 2019 20:20

Instrument :

MSVOA_U

ClientSampleId :

GAHZ1MS

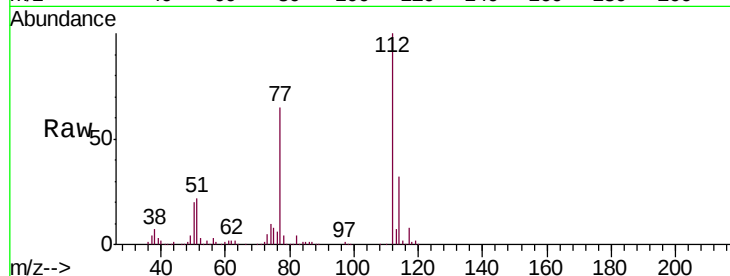
Tgt Ion: 112 Resp: 298889

Ion Ratio Lower Upper

112 100

114 31.9 21.9 40.7

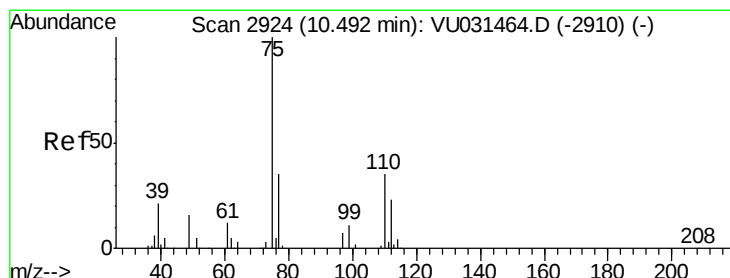
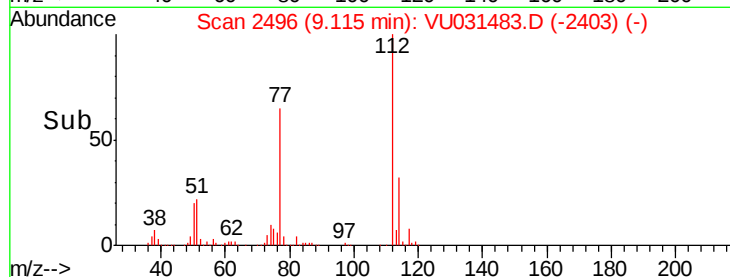
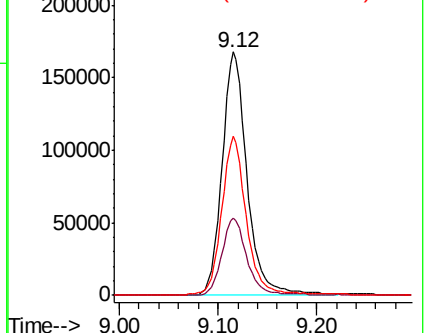
77 65.5 48.9 73.3



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: 0.889 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031483.D

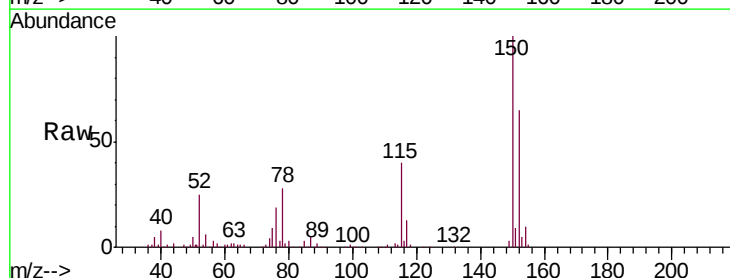
Acq: 24 Apr 2019 20:20

Tgt Ion: 75 Resp: 14734

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

