

Data File : VU033349.D
Acq On : 19 Jul 2019 23:54
Operator : JC/SP
Sample : K3890-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52Q7

Quant Time: Jul 20 05:24:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 20 05:21:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	102952	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	108946	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	47222	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	43455	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.67	69	39334	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.26	63	69558	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.17	46	93739	47.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.96%
24) Chloroform-d	4.62	84	65946	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.29	65	40344	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.32	84	135655	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.31	67	46736	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.55	98	111198	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.83	79	16472	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.30	63	84076	52.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.82%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	41820	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45306	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

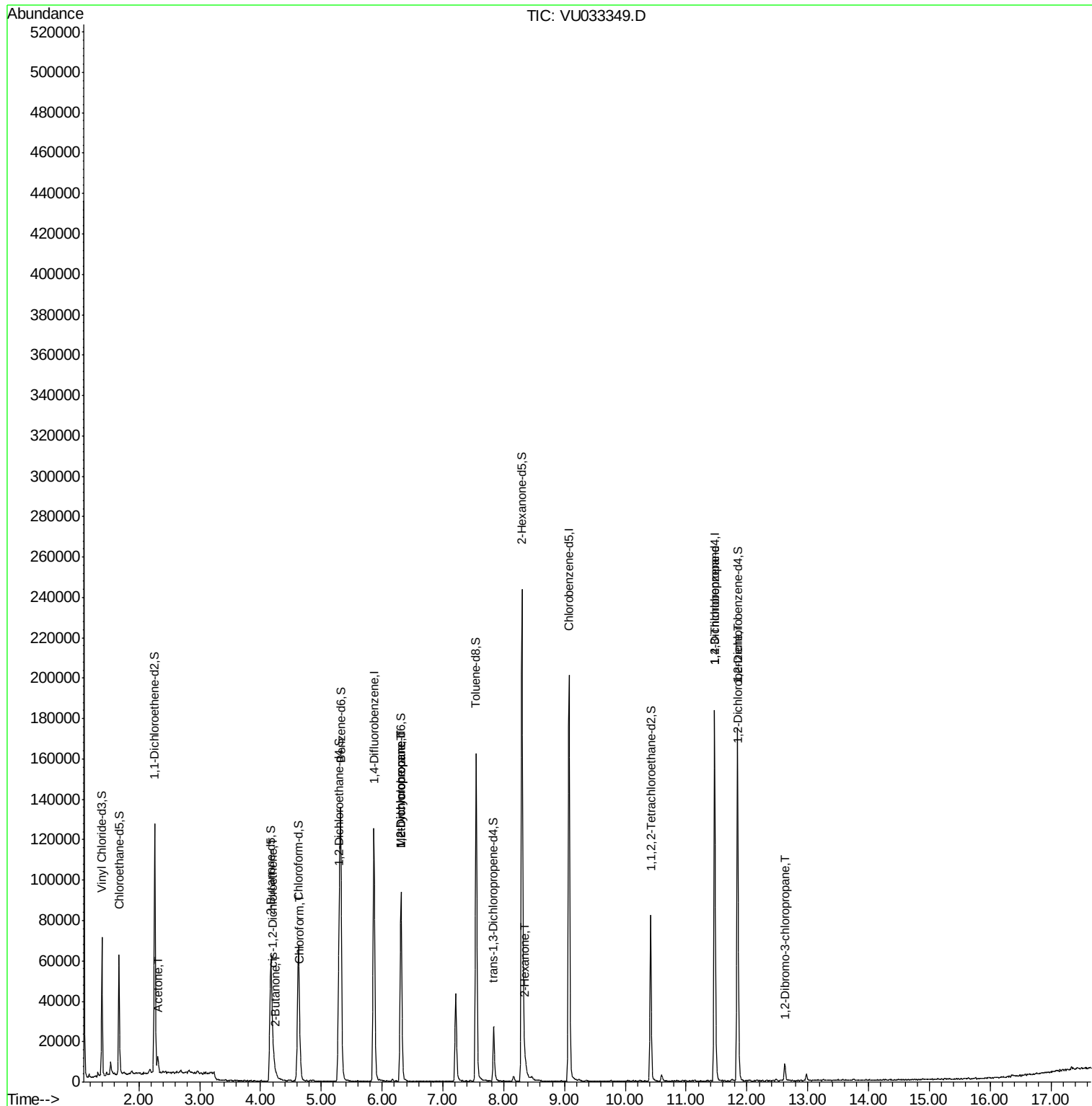
					Qvalue
13) Acetone	2.31	43	7242	4.234 ug/L	100
21) 2-Butanone	4.26	43	1886	0.959 ug/L #	52
22) cis-1,2-Dichloroethene	4.20	96	1321	0.167 ug/L	90
25) Chloroform	4.65	83	7153	0.460 ug/L	99
35) Methylcyclohexane	6.31	83	10638	0.865 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5074	0.608 ug/L #	88
48) 2-Hexanone	8.35	43	4019	1.149 ug/L #	79
59) 1,2,3-Trichloropropane	11.47	75	6301	1.158 ug/L	95
65) 1,2-Dichlorobenzene	11.86	146	2671	0.191 ug/L #	78
66) 1,2-Dibromo-3-chloropropan	12.62	75	1660	1.566 ug/L #	2

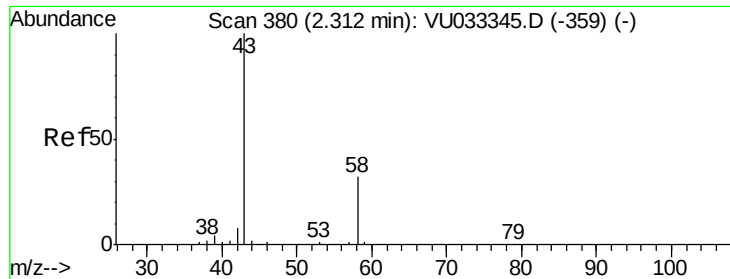
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.234 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VU033349.D

Acq: 19 Jul 2019 23:54

Instrument :

MSVOA_U

ClientSampleId :

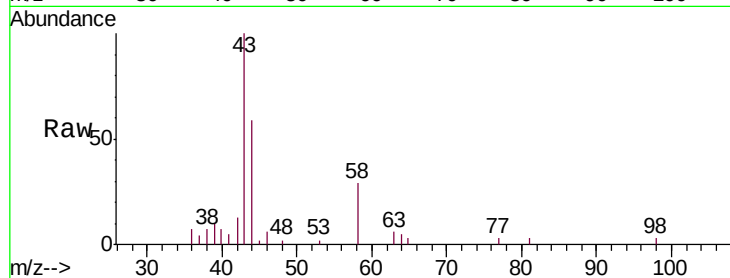
A52Q7

Tgt Ion: 43 Resp: 7242

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU033345.D (-359) (-)

2.31

4000

3000

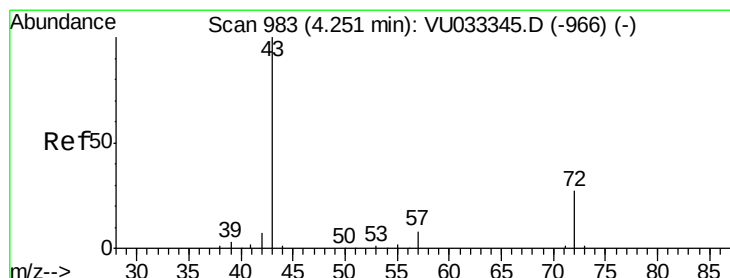
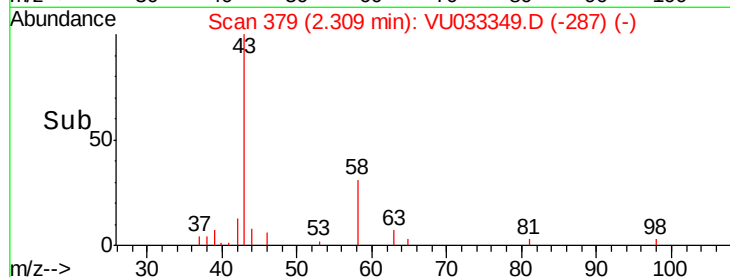
2000

1000

0

2.25 2.30 2.35

Time-->



#21

2-Butanone

Concen: 0.959 ug/L

RT: 4.26 min Scan# 985

Delta R.T. 0.01 min

Lab File: VU033349.D

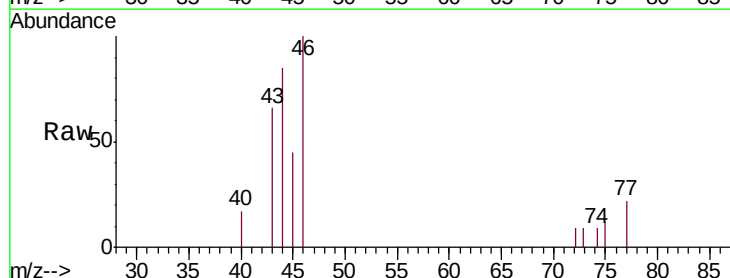
Acq: 19 Jul 2019 23:54

Tgt Ion: 43 Resp: 1886

Ion Ratio Lower Upper

43 100

72 2.2 13.5 40.4#



Abundance Ion 43.05 (42.75 to 43.75): VU033345.D (-966) (-)

Ion 72.10 (71.80 to 72.80): VU033345.D (-966) (-)

4.26

800

600

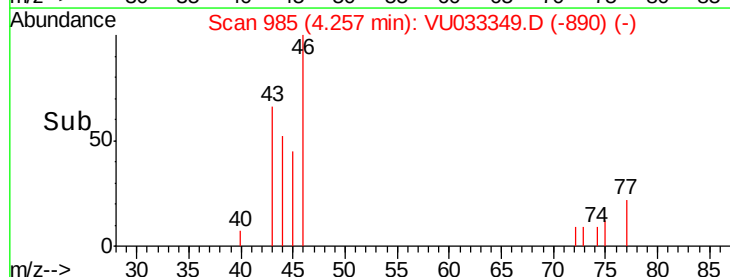
400

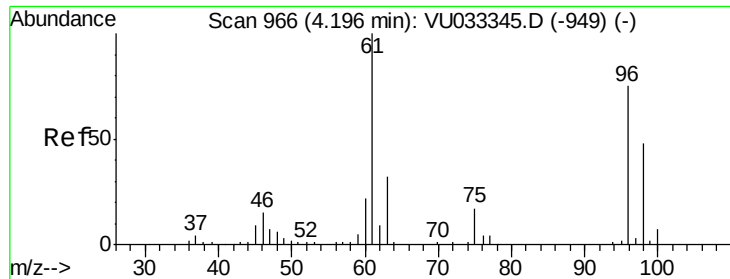
200

0

4.25 4.30 4.35

Time-->



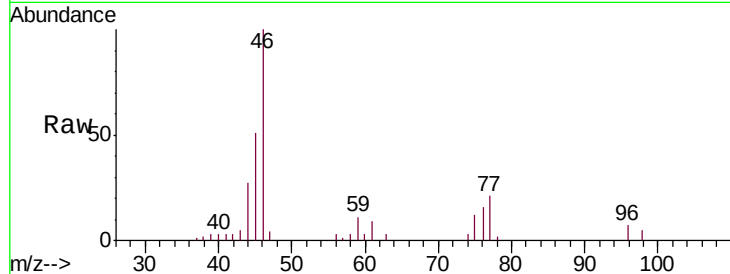


#22

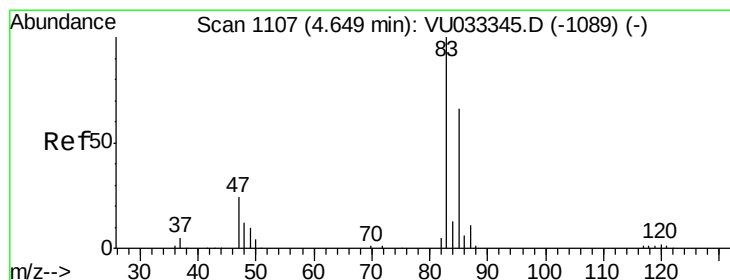
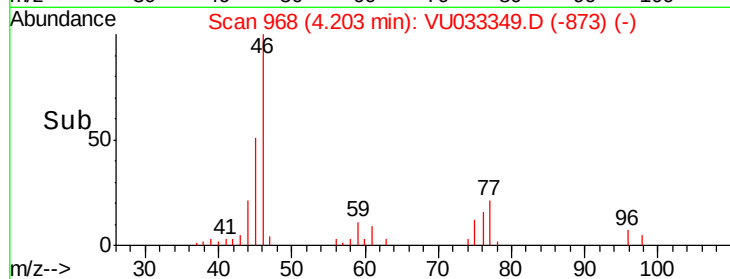
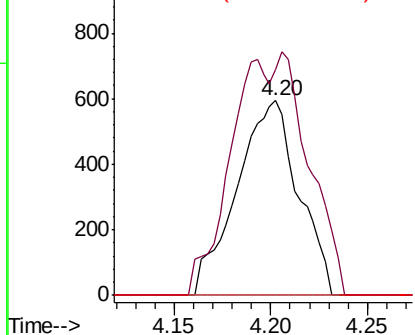
cis-1,2-Dichloroethene
 Concen: 0.167 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: VU033349.D
 Acq: 19 Jul 2019 23:54

Instrument :
 MSVOA_U
 ClientSampleId :
 A52Q7

Tgt Ion: 96 Resp: 1321
 Ion Ratio Lower Upper
 96 100
 61 116.0 89.2 165.6
 68 0.0 0.0 0.0



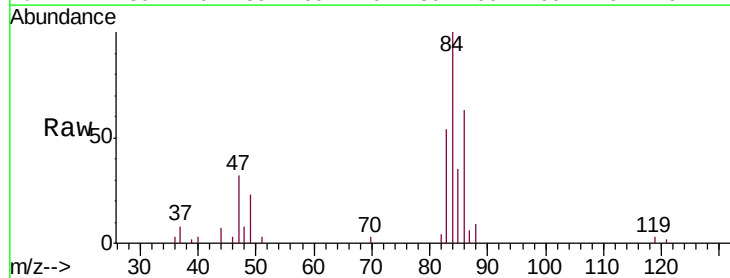
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



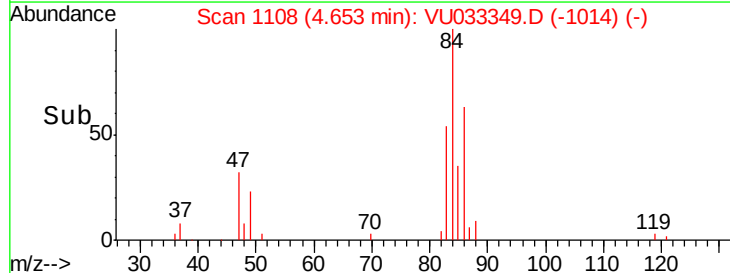
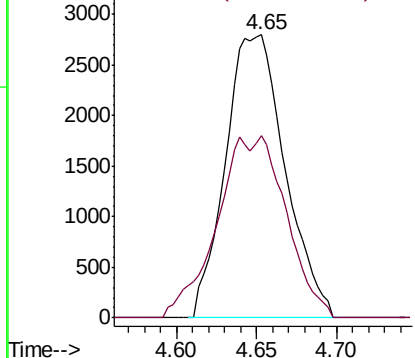
#25

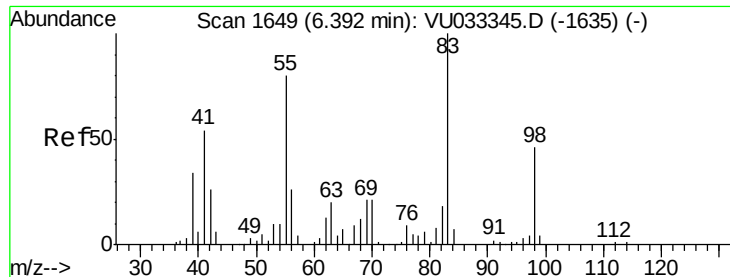
Chloroform
 Concen: 0.460 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU033349.D
 Acq: 19 Jul 2019 23:54

Tgt Ion: 83 Resp: 7153
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

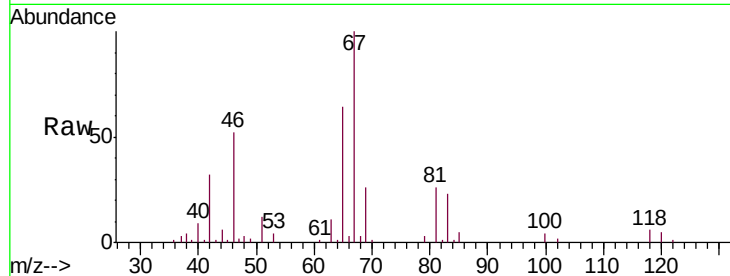




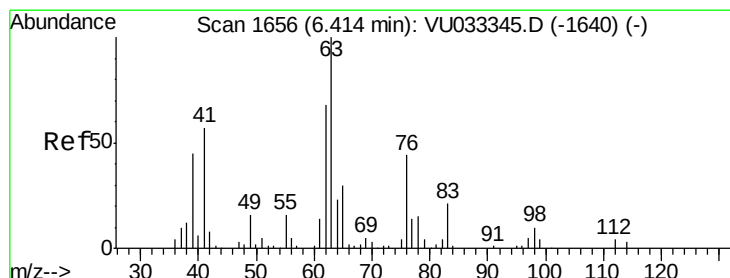
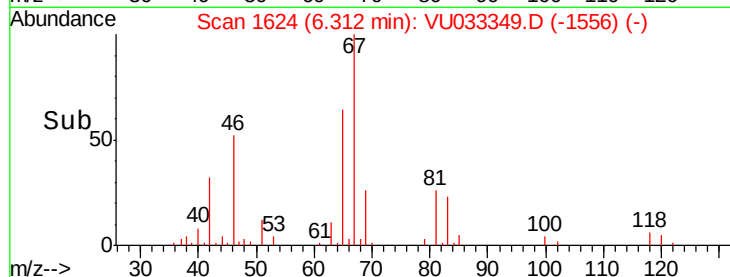
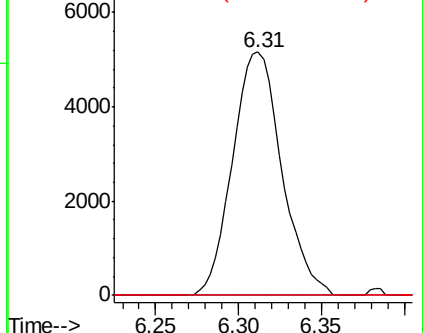
#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033349.D
Acq: 19 Jul 2019 23:54

Instrument :
MSVOA_U
ClientSampleId :
A52Q7

Tgt Ion: 83 Resp: 10638
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.0 36.2 54.2#

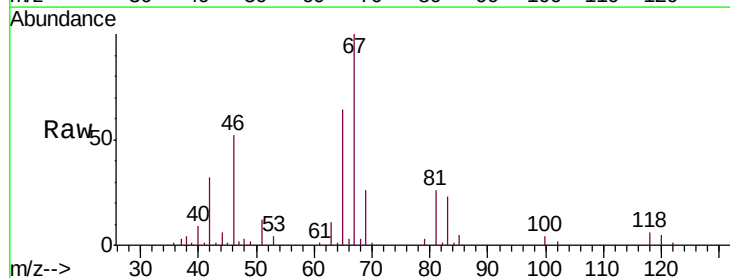


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

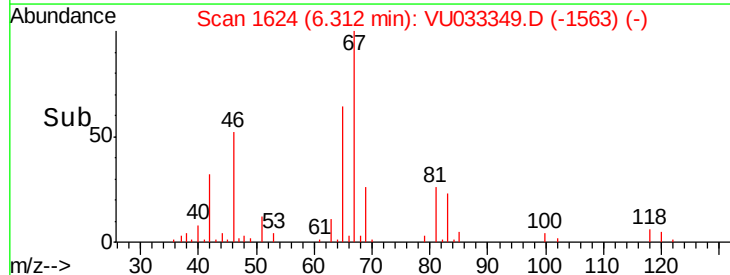
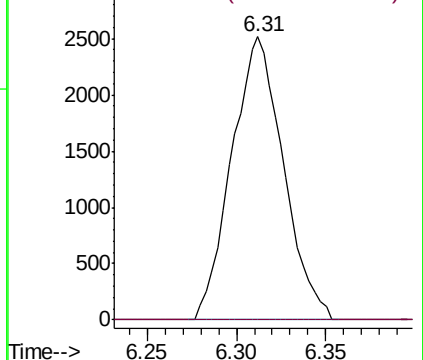


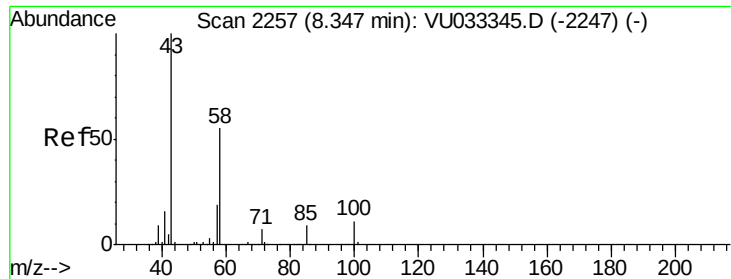
#37
1,2-Dichloropropane
Concen: 0.608 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033349.D
Acq: 19 Jul 2019 23:54

Tgt Ion: 63 Resp: 5074
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

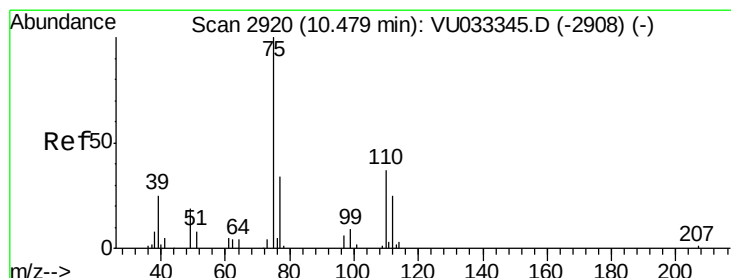
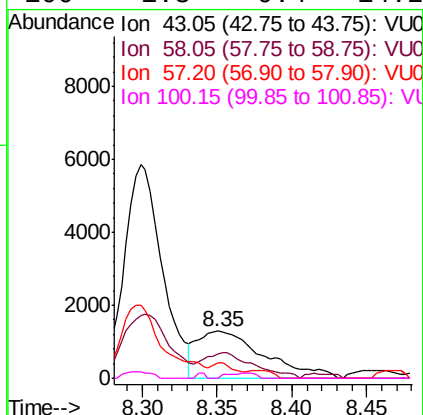
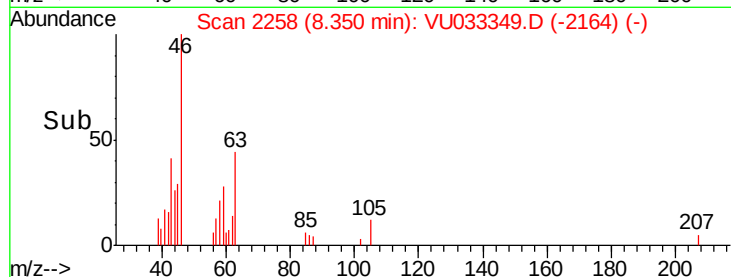
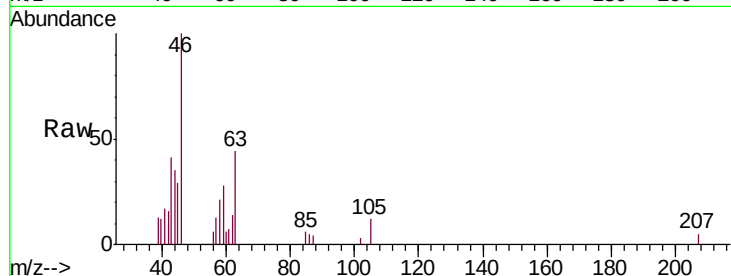




#48
2-Hexanone
Concen: 1.149 ug/L
RT: 8.35 min Scan# 2258
Delta R.T. 0.00 min
Lab File: VU033349.D
Acq: 19 Jul 2019 23:54

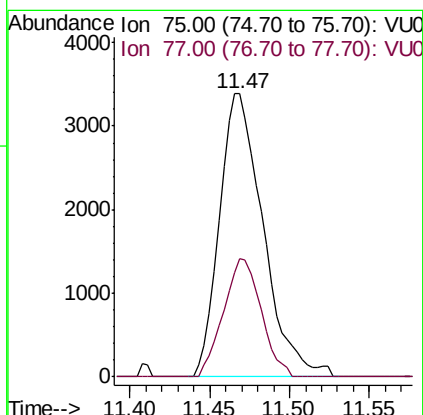
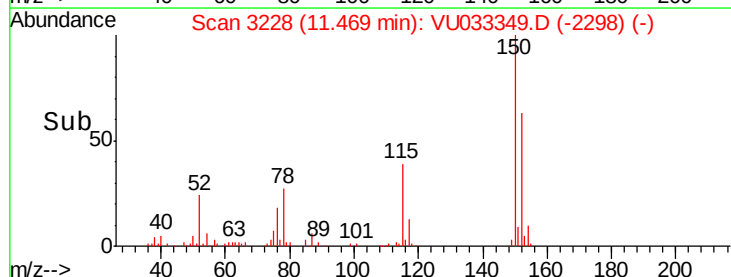
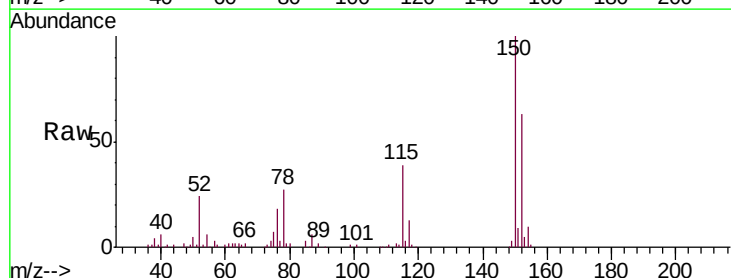
Instrument :
MSVOA_U
ClientSampleId :
A52Q7

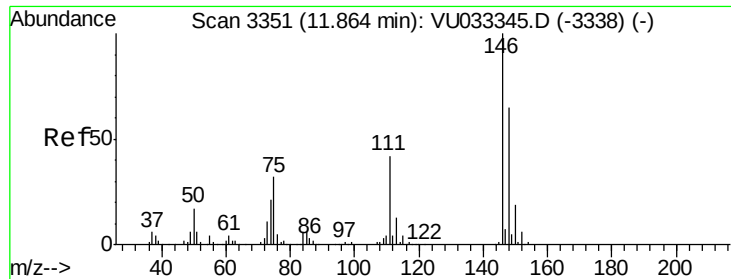
Tgt Ion: 43 Resp: 4019
Ion Ratio Lower Upper
43 100
58 40.4 44.1 66.1#
57 10.4 15.8 23.8#
100 1.3 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 1.158 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 0.99 min
Lab File: VU033349.D
Acq: 19 Jul 2019 23:54

Tgt Ion: 75 Resp: 6301
Ion Ratio Lower Upper
75 100
77 36.0 26.5 39.7





#65

1,2-Dichlorobenzene

Concen: 0.191 ug/L

RT: 11.86 min Scan# 3350

Delta R.T. -0.00 min

Lab File: VU033349.D

Acq: 19 Jul 2019 23:54

Instrument :

MSVOA_U

ClientSampleId :

A52Q7

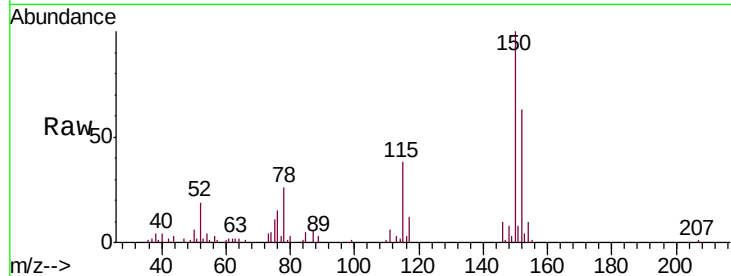
Tgt Ion:146 Resp: 2671

Ion Ratio Lower Upper

146 100

111 60.2 34.2 51.4#

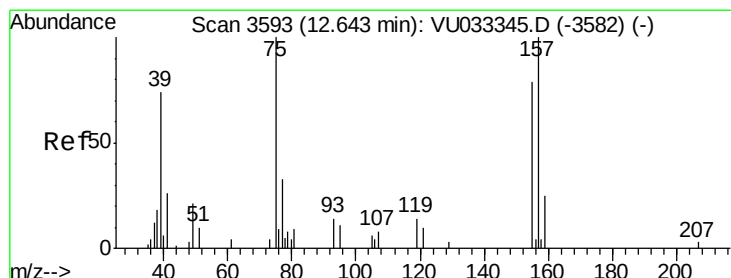
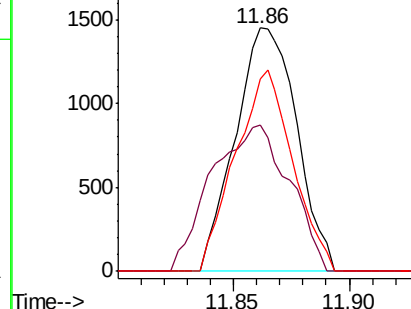
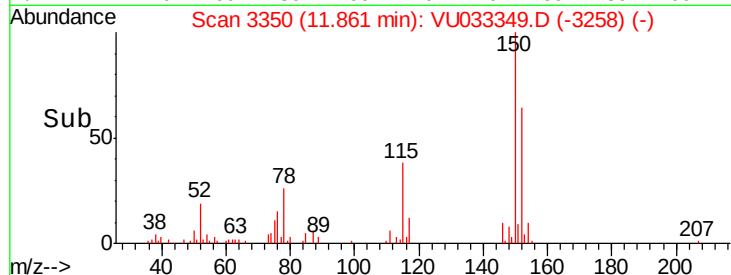
148 79.1 52.0 78.0#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 1.566 ug/L

RT: 12.62 min Scan# 3586

Delta R.T. -0.02 min

Lab File: VU033349.D

Acq: 19 Jul 2019 23:54

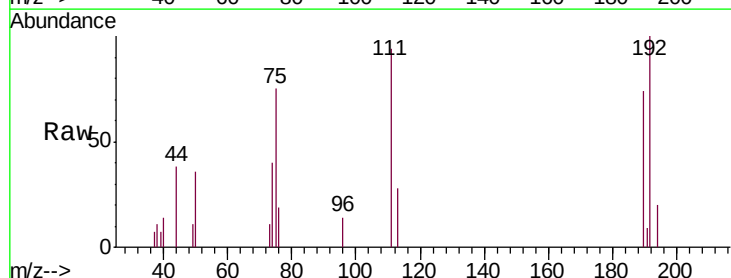
Tgt Ion: 75 Resp: 1660

Ion Ratio Lower Upper

75 100

155 0.0 67.1 100.7#

157 0.0 83.7 125.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

