

Data File : VU033273.D
Acq On : 16 Jul 2019 19:26
Operator : JC/SP
Sample : K3772-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52P4

Quant Time: Jul 17 04:50:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	129421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	134538	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55106	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.67	69	48857	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.26	63	89090	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.17	46	98042	39.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.84%
24) Chloroform-d	4.62	84	85352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.29	65	50879	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.32	84	174675	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.31	67	57091	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.55	98	153685	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.84	79	22539	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.30	63	94625	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	50343	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	61340	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

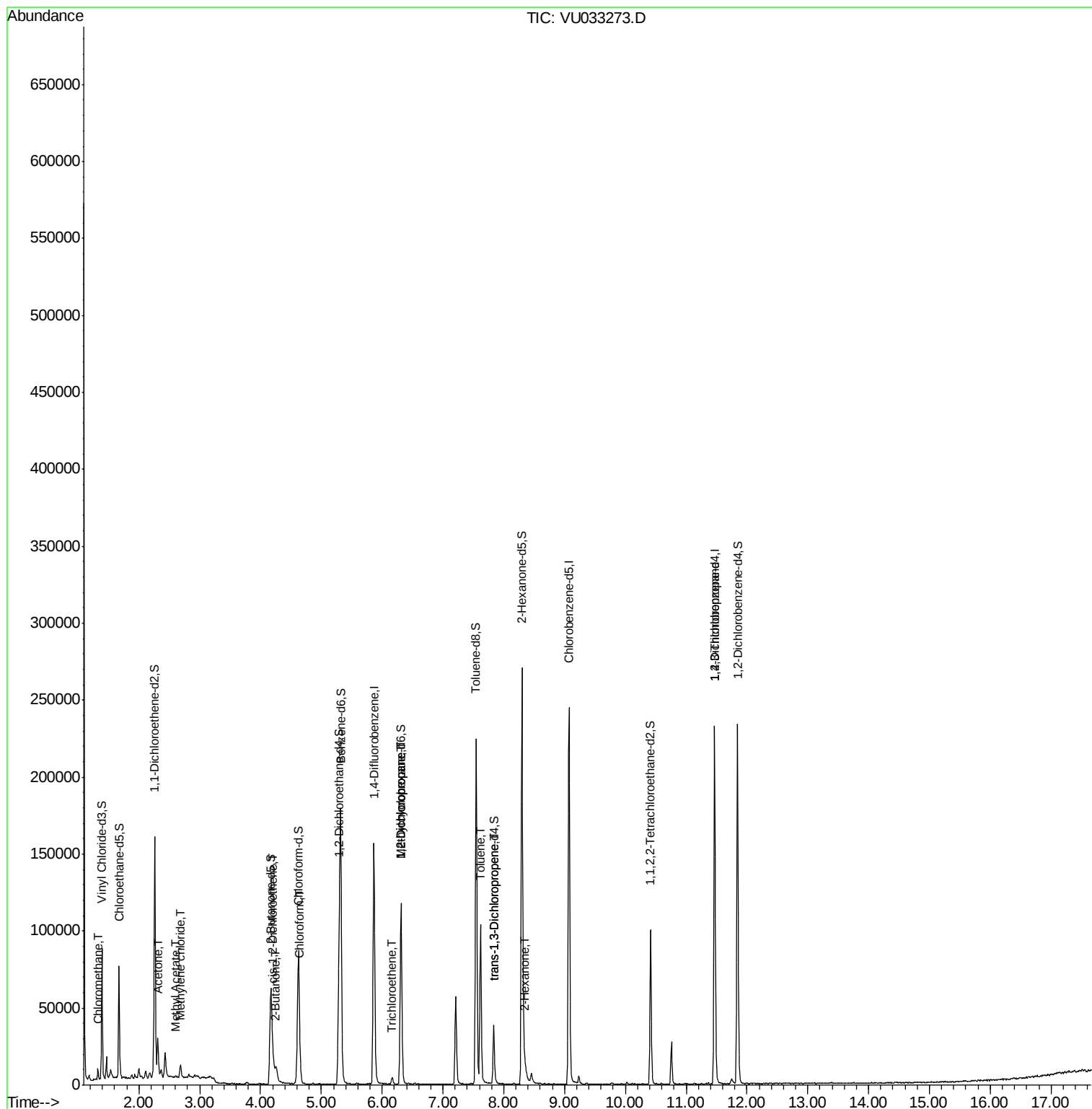
					Qvalue
3) Chloromethane	1.32	50	4610	0.355 ug/L	97
13) Acetone	2.31	43	24854	11.558 ug/L	99
15) Methyl Acetate	2.61	43	874	0.163 ug/L #	88
16) Methylene chloride	2.68	84	2939	0.227 ug/L	85
21) 2-Butanone	4.25	43	14732	5.961 ug/L	100
22) cis-1,2-Dichloroethene	4.20	96	1191	0.120 ug/L	70
25) Chloroform	4.65	83	6703	0.343 ug/L	99
34) Trichloroethene	6.17	95	1451	0.144 ug/L	89
35) Methylcyclohexane	6.31	83	13304	0.876 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6270	0.609 ug/L #	88
42) Toluene	7.62	91	77978	1.906 ug/L	98
44) trans-1,3-Dichloropropene	7.83	75	1011	0.085 ug/L #	67
48) 2-Hexanone	8.35	43	4644	1.075 ug/L #	74
59) 1,2,3-Trichloropropane	11.47	75	7922	1.179 ug/L	95

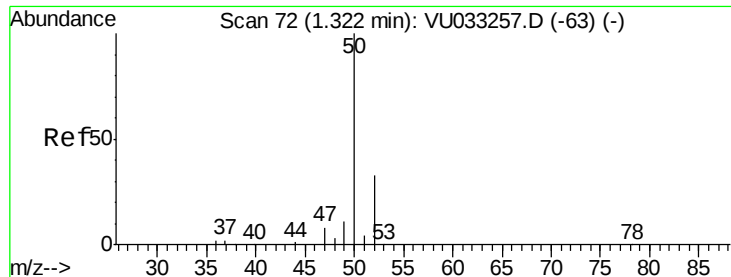
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.355 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

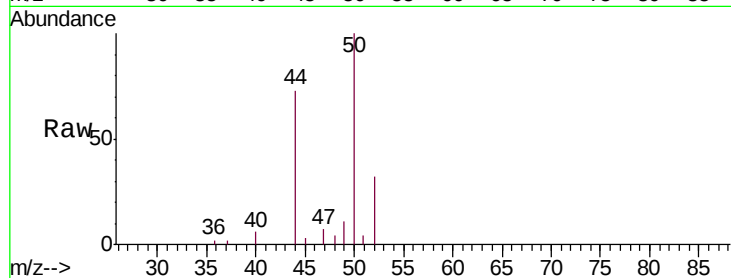
A52P4

Tgt Ion: 50 Resp: 4610

Ion Ratio Lower Upper

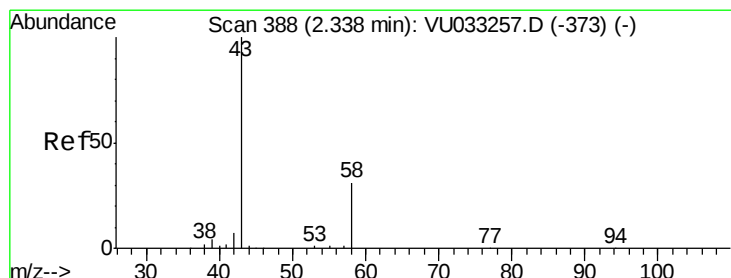
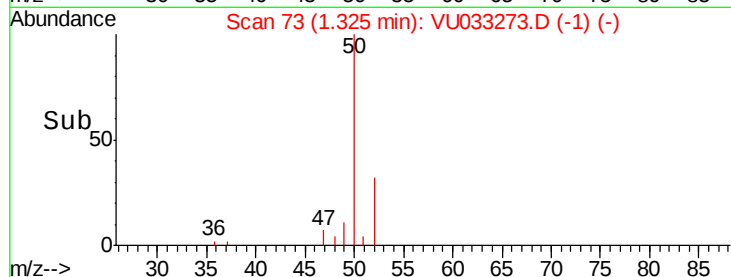
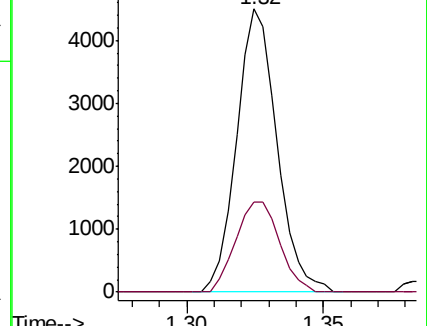
50 100

52 31.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0



#13

Acetone

Concen: 11.558 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU033273.D

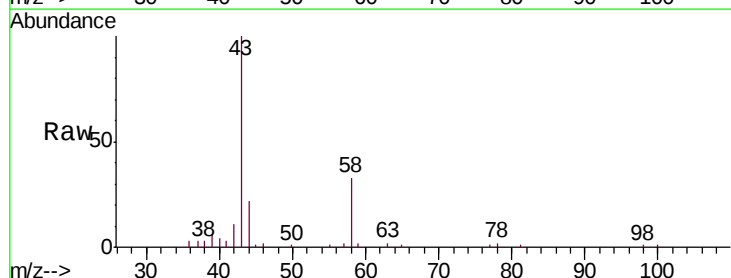
Acq: 16 Jul 2019 19:26

Tgt Ion: 43 Resp: 24854

Ion Ratio Lower Upper

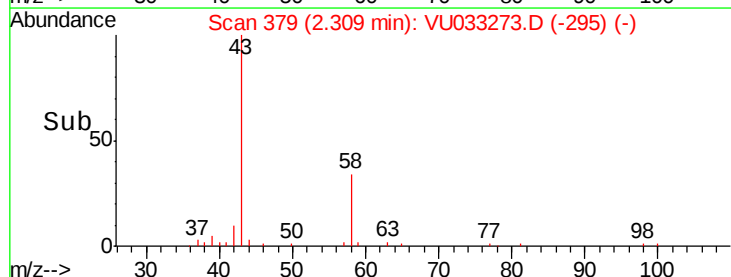
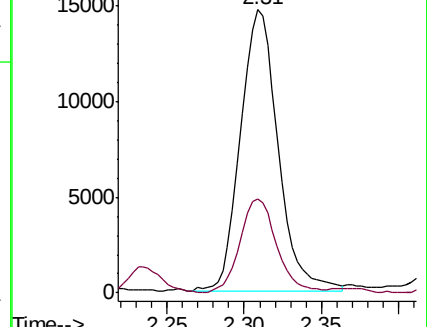
43 100

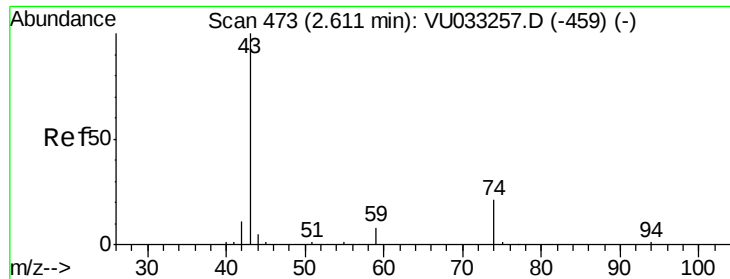
58 32.7 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

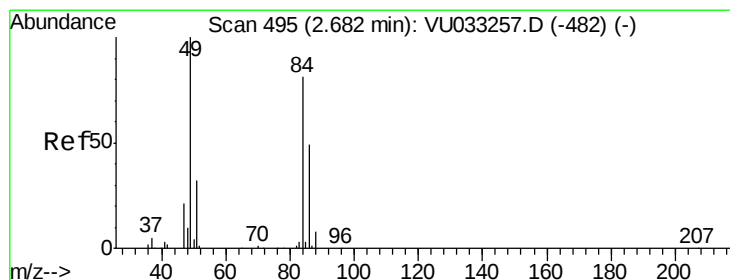
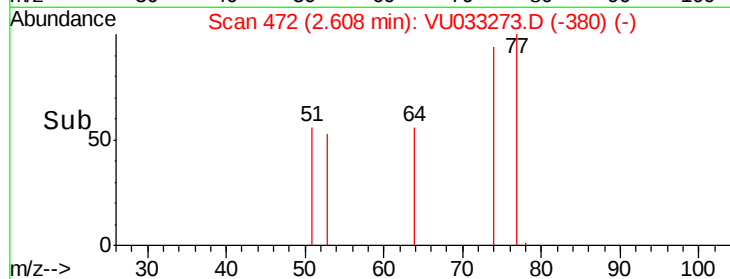
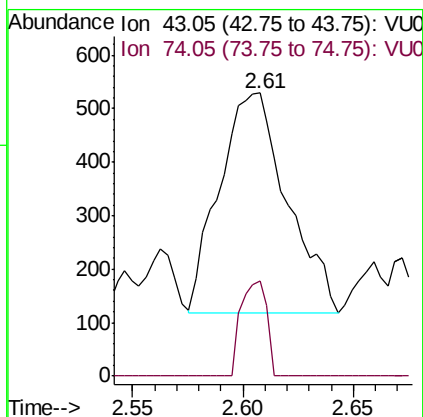
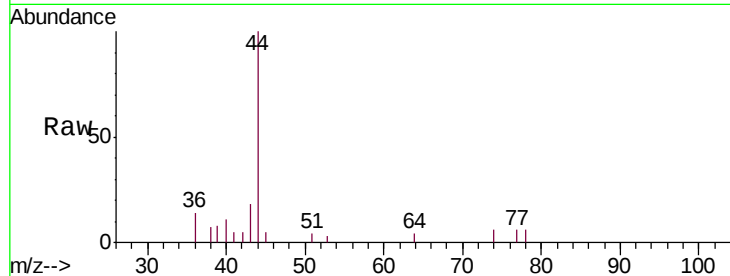




#15
Methyl Acetate
Concen: 0.163 ug/L
RT: 2.61 min Scan# 472
Delta R.T. -0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

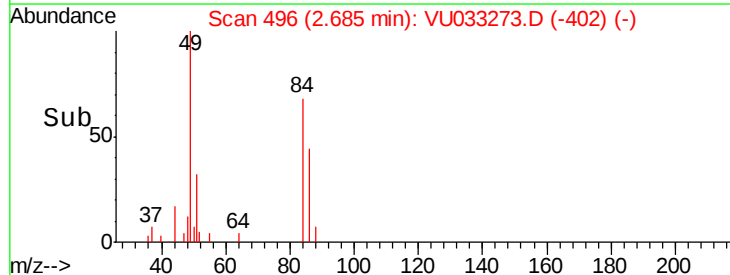
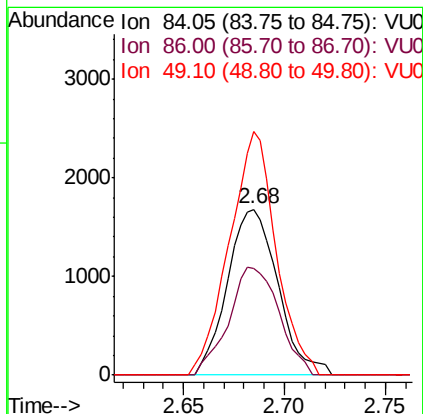
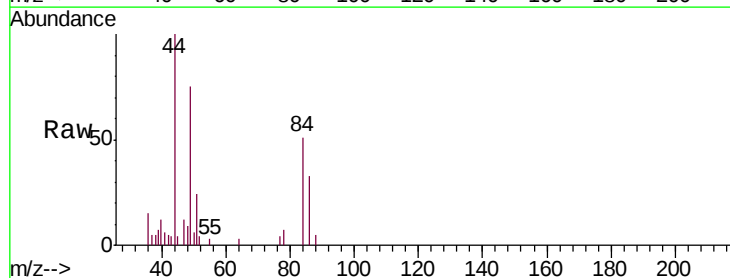
Instrument :
MSVOA_U
ClientSampled :
A52P4

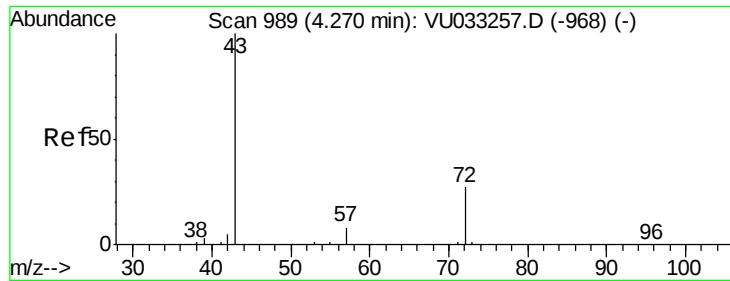
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
74 16.6 17.8 26.8#



#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Tgt Ion: 84 Resp: 2939
Ion Ratio Lower Upper
84 100
86 64.6 42.5 78.9
49 146.5 86.9 161.3





#21

2-Butanone

Concen: 5.961 ug/L

RT: 4.25 min Scan# 984

Delta R.T. -0.02 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

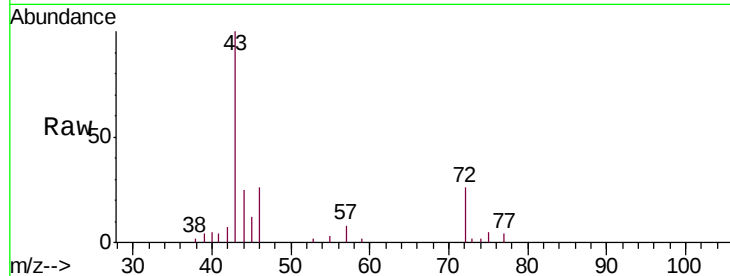
A52P4

Tgt Ion: 43 Resp: 14732

Ion Ratio Lower Upper

43 100

72 26.9 13.5 40.4

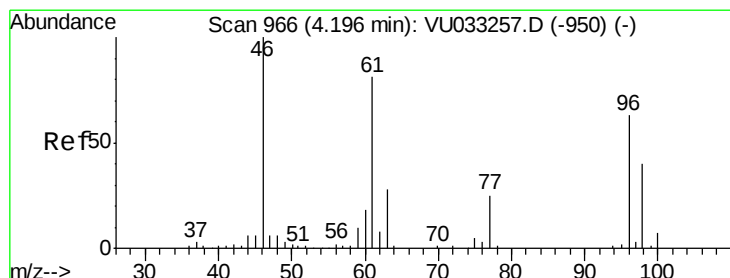
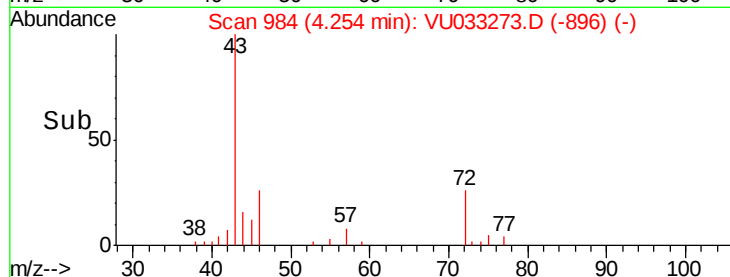


Abundance Ion 43.05 (42.75 to 43.75): VU033273.D (-968) (-)

Ion 72.10 (71.80 to 72.80): VU033273.D (-968) (-)

4.25

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.120 ug/L

RT: 4.20 min Scan# 968

Delta R.T. 0.01 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

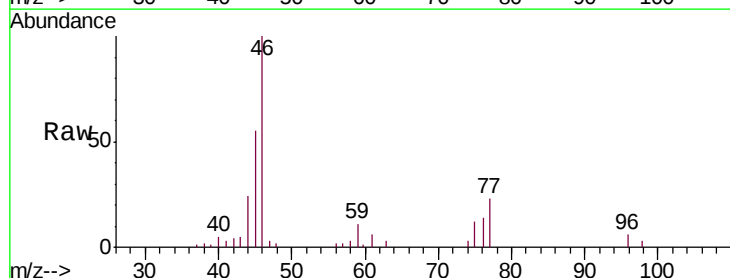
Tgt Ion: 96 Resp: 1191

Ion Ratio Lower Upper

96 100

61 93.0 89.2 165.6

68 0.0 0.0 0.0



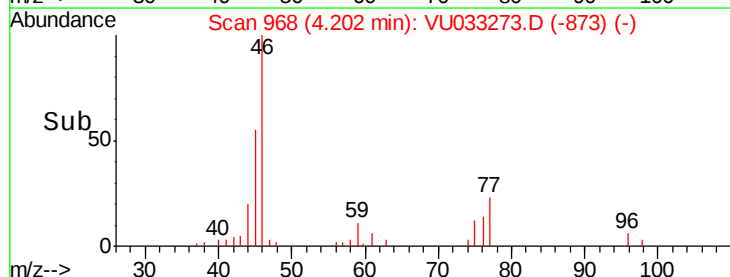
Abundance Ion 96.00 (95.70 to 96.70): VU033273.D (-873) (-)

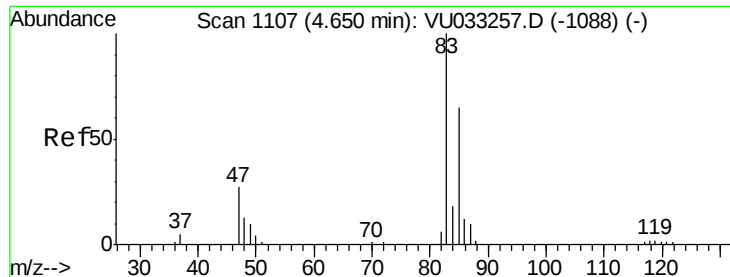
Ion 61.05 (60.75 to 61.75): VU033273.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU033273.D (-873) (-)

4.20

Time-->

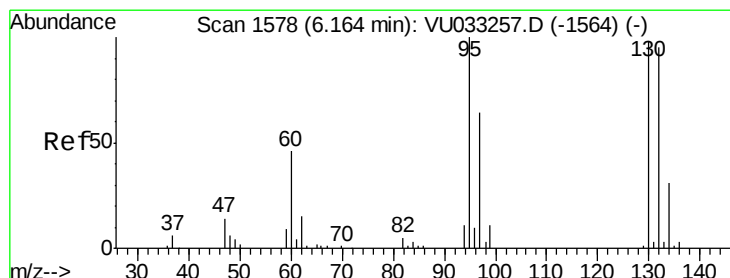
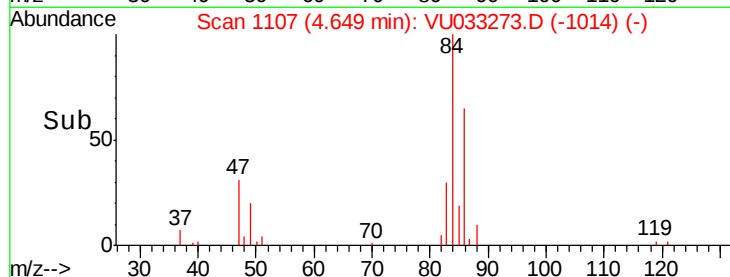
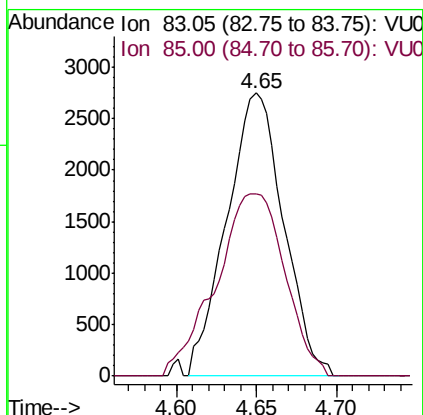
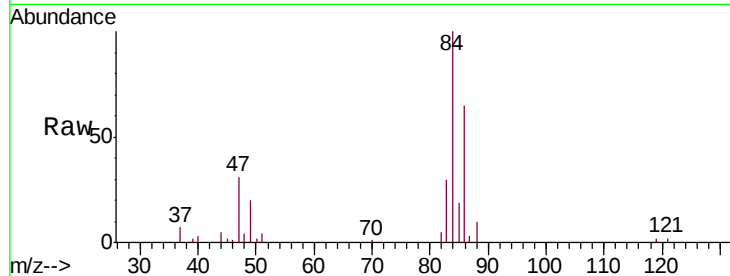




#25
Chloroform
Concen: 0.343 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

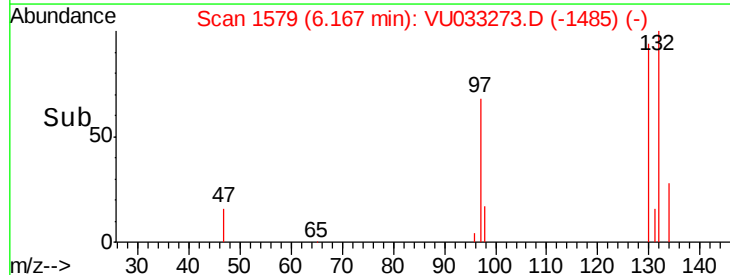
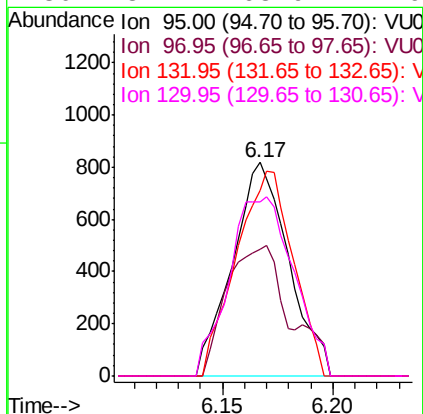
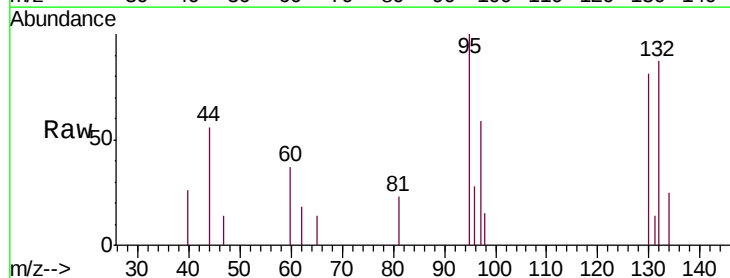
Instrument :
MSVOA_U
ClientSampleId :
A52P4

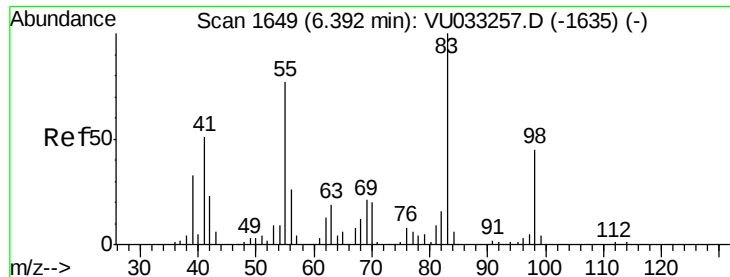
Tgt Ion: 83 Resp: 6703
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#34
Trichloroethene
Concen: 0.144 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Tgt Ion: 95 Resp: 1451
Ion Ratio Lower Upper
95 100
97 59.5 44.5 82.7
132 86.9 66.6 123.8
130 81.4 68.9 127.9

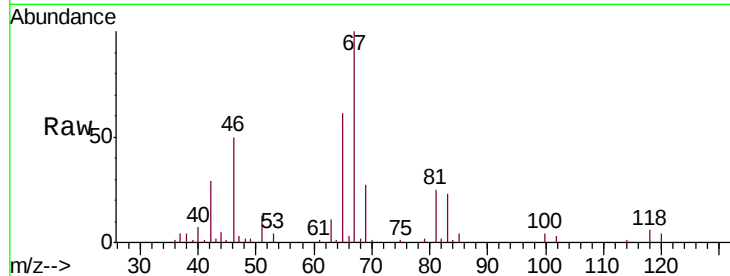




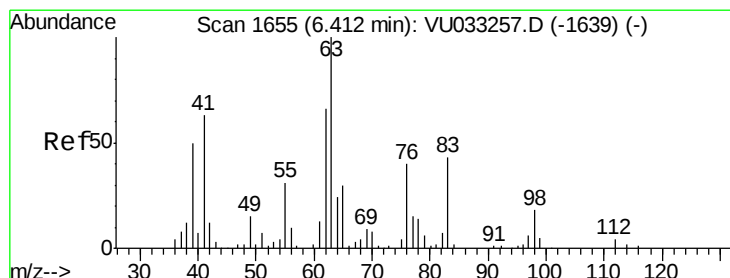
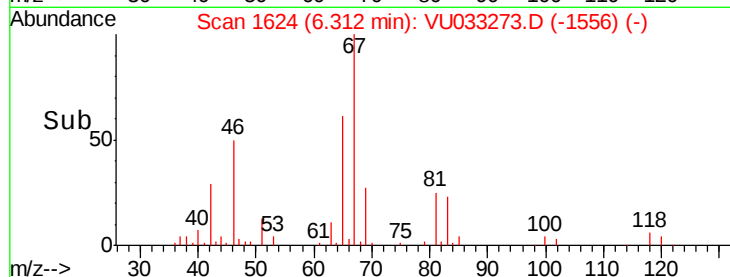
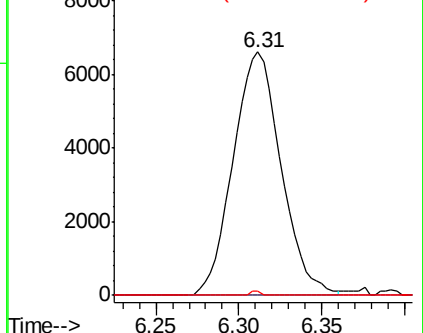
#35
Methylcyclohexane
Concen: 0.876 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Instrument :
MSVOA_U
ClientSampleId :
A52P4

Tgt Ion: 83 Resp: 13304
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

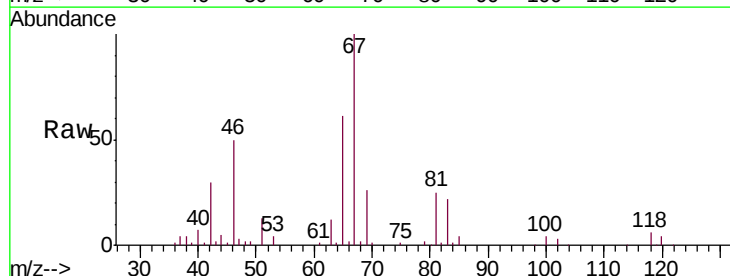


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

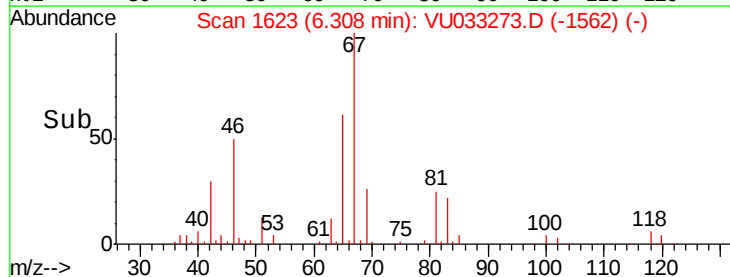
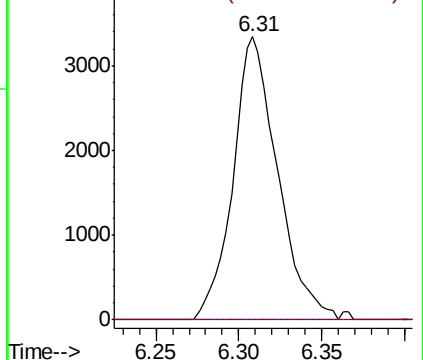


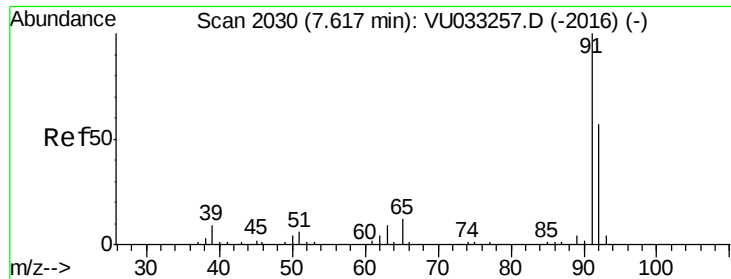
#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Tgt Ion: 63 Resp: 6270
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





#42

Toluene

Concen: 1.906 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

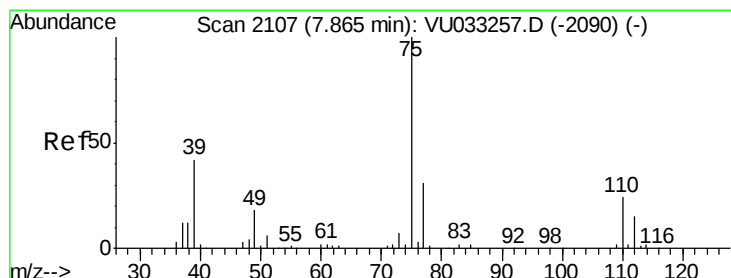
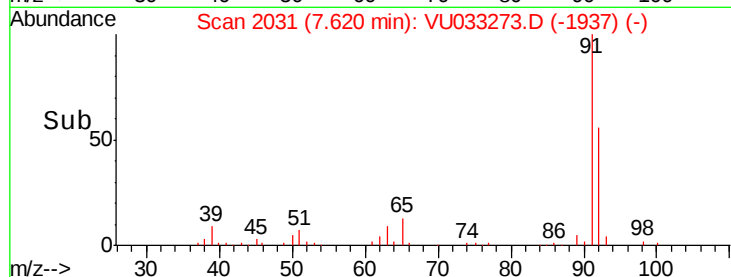
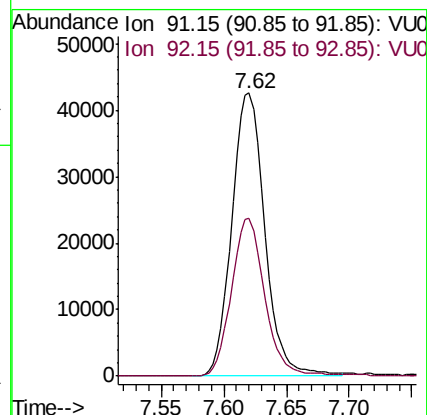
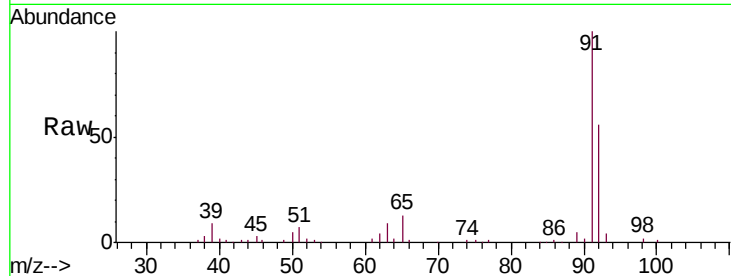
A52P4

Tgt Ion: 91 Resp: 77978

Ion Ratio Lower Upper

91 100

92 56.0 40.0 74.2



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.04 min

Lab File: VU033273.D

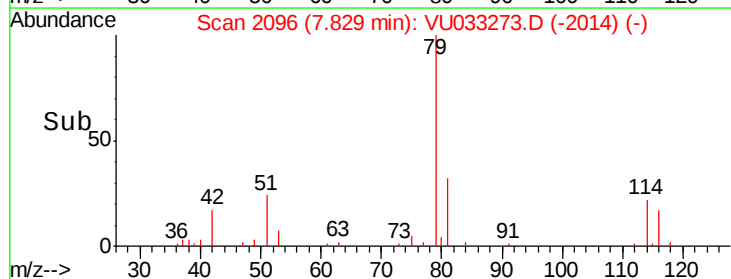
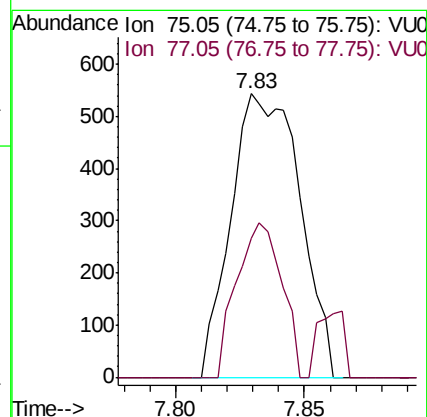
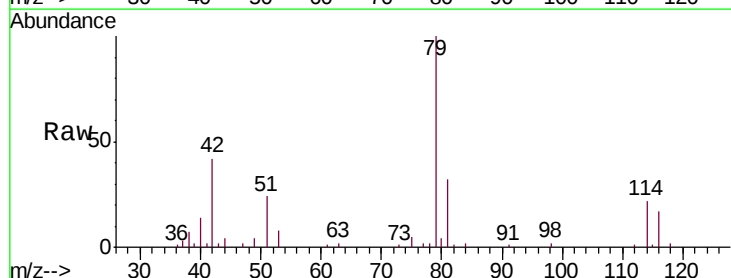
Acq: 16 Jul 2019 19:26

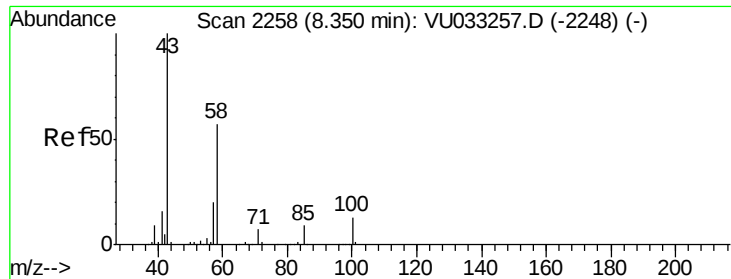
Tgt Ion: 75 Resp: 1011

Ion Ratio Lower Upper

75 100

77 49.0 21.6 40.0#

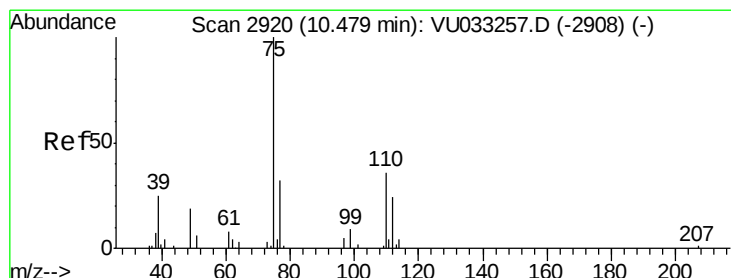
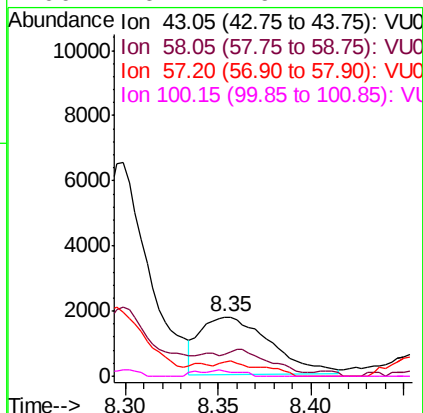
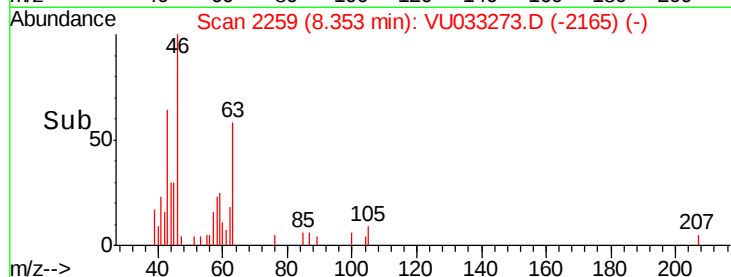
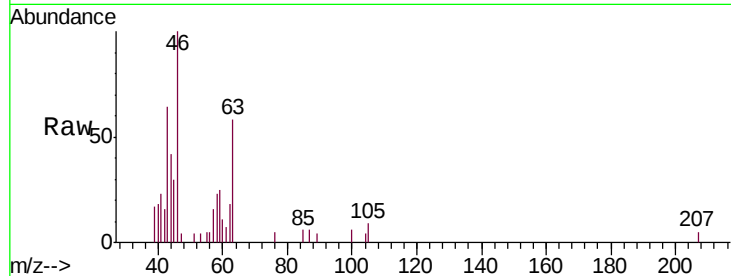




#48
2-Hexanone
Concen: 1.075 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Instrument :
MSVOA_U
ClientSampleId :
A52P4

Tgt Ion: 43 Resp: 4644
Ion Ratio Lower Upper
43 100
58 30.0 44.1 66.1#
57 16.0 15.8 23.8
100 6.2 9.4 14.2#



#59
1,2,3-Trichloropropane
Concen: 1.179 ug/L
RT: 11.47 min Scan# 3227
Delta R.T. 0.99 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Tgt Ion: 75 Resp: 7922
Ion Ratio Lower Upper
75 100
77 36.0 26.5 39.7

