

Data File : VU032797.D
Acq On : 17 Jun 2019 20:53
Operator : JC/SP
Sample : K3324-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR8

Quant Time: Jun 18 02:45:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	225436	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	217100	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	109545	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	59190	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.84%
7) Chloroethane-d5	1.68	69	52983	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.24%
11) 1,1-Dichloroethene-d2	2.27	63	93432	30.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.20%
21) 2-Butanone-d5	4.17	46	138472	107.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.98%
24) Chloroform-d	4.64	84	133186	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.30	65	94097	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
32) Benzene-d6	5.33	84	257859	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
36) 1,2-Dichloropropane-d6	6.32	67	85855	47.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.24%
41) Toluene-d8	7.56	98	232802	43.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.86%
43) trans-1,3-Dichloropropene-	7.85	79	41528	44.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.56%
47) 2-Hexanone-d5	8.31	63	101180	120.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.19%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	132116	47.40	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	99042	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

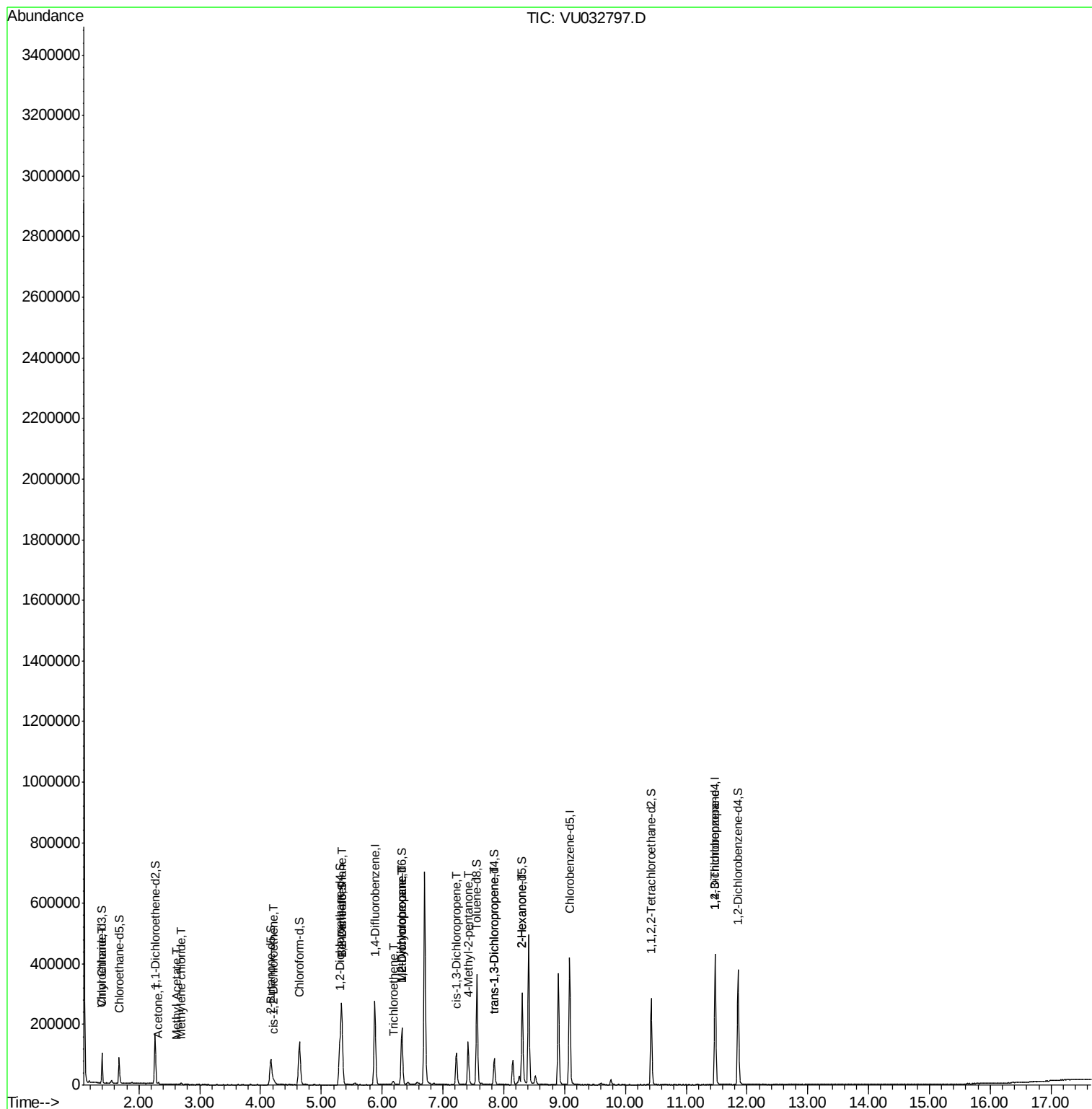
					Qvalue	
8) Chloroethane	1.40	64	944	0.801	ug/L #	1
13) Acetone	2.32	43	5658	3.194	ug/L	98
15) Methyl Acetate	2.62	43	1657	0.825	ug/L #	90
16) Methylene chloride	2.69	84	2164	1.299	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	5214	3.109	ug/L	88
27) 1,2-Dichloroethane	5.33	62	1584	0.637	ug/L #	77
34) Trichloroethene	6.18	95	3688	2.207	ug/L	94
35) Methylcyclohexane	6.32	83	19511	7.554	ug/L #	18
37) 1,2-Dichloropropane	6.32	63	9924	5.785	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2914	1.090	ug/L #	75
40) 4-Methyl-2-pentanone	7.41	43	53581	19.563	ug/L #	53
44) trans-1,3-Dichloropropene	7.84	75	2167	0.863	ug/L	92
48) 2-Hexanone	8.31	43	17571	7.271	ug/L #	64
59) 1,2,3-Trichloropropane	11.48	75	14016	6.122	ug/L #	88

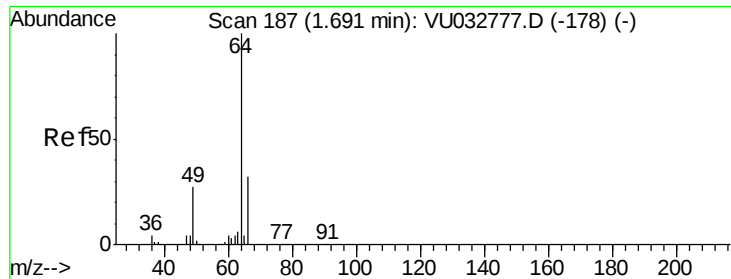
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032797.D
Acq On : 17 Jun 2019 20:53
Operator : JC/SP
Sample : K3324-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JR8

Quant Time: Jun 18 02:45:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.801 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

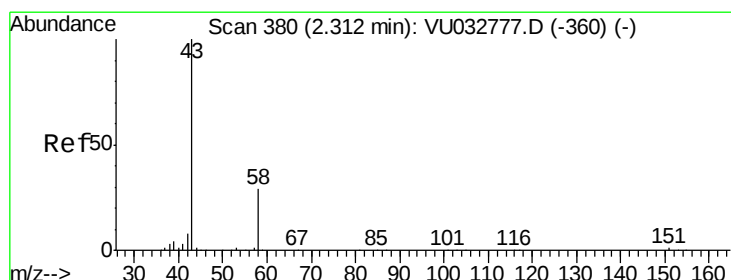
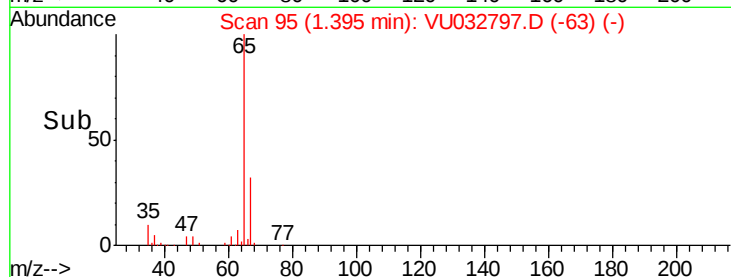
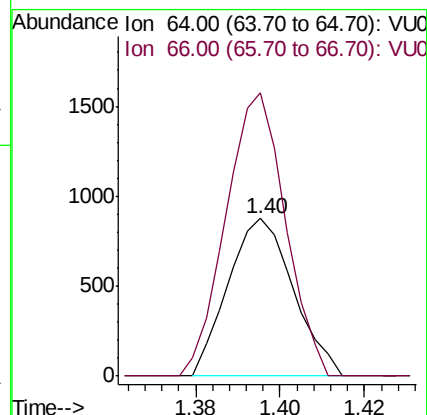
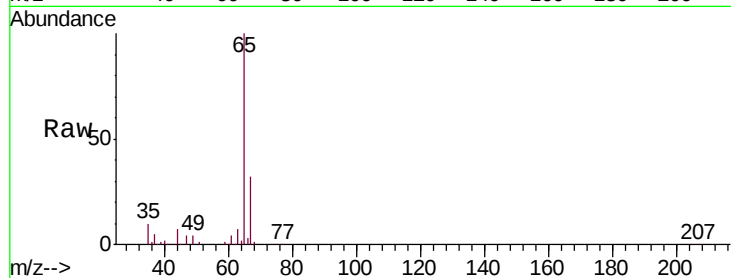
C0JR8

Tgt Ion: 64 Resp: 944

Ion Ratio Lower Upper

64 100

66 179.4 22.5 41.7#



#13

Acetone

Concen: 3.194 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VU032797.D

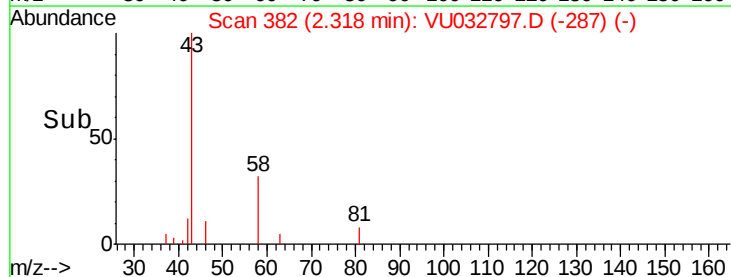
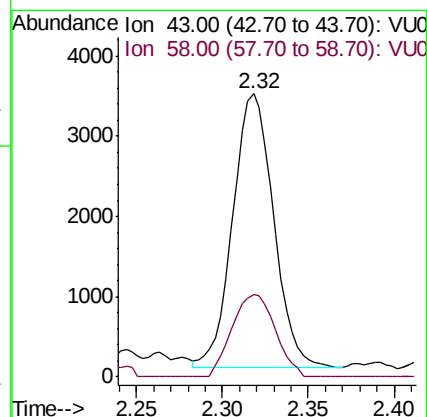
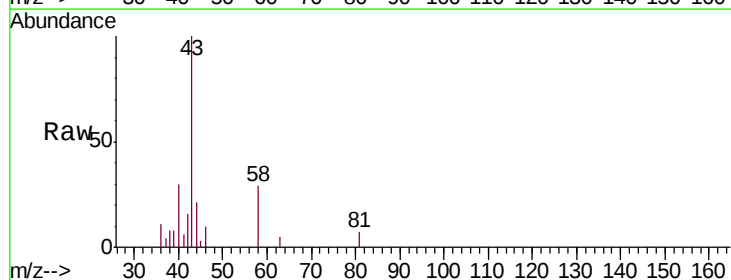
Acq: 17 Jun 2019 20:53

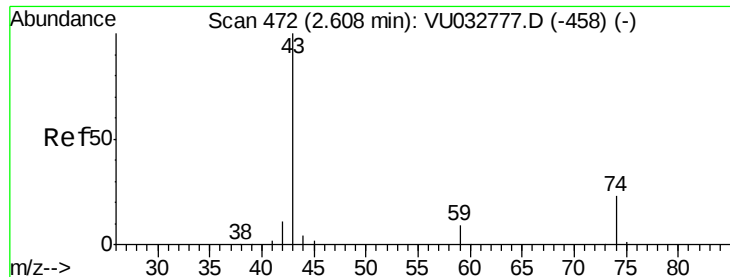
Tgt Ion: 43 Resp: 5658

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.6

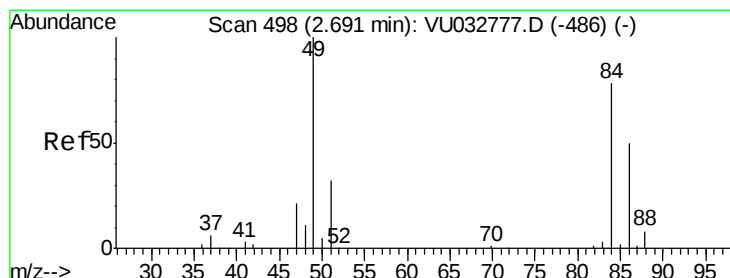
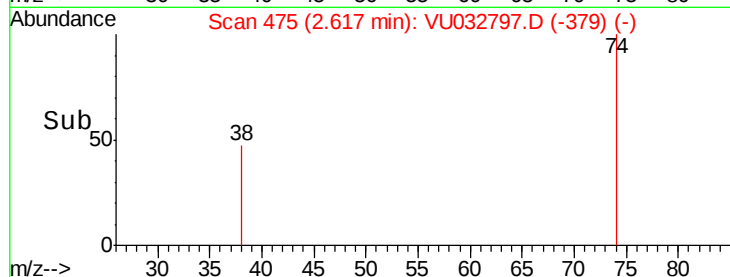
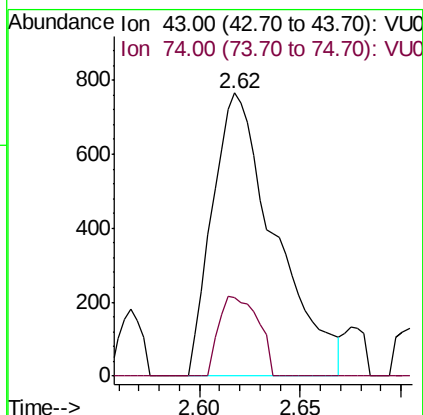
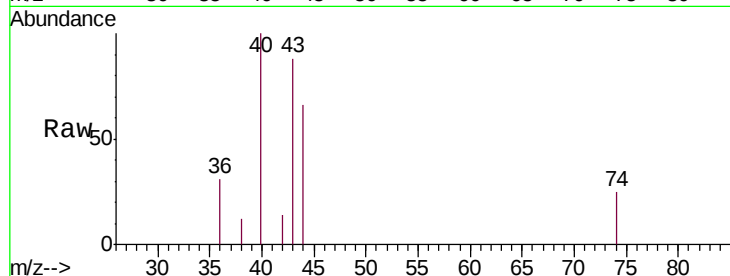




#15
Methyl Acetate
Concen: 0.825 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

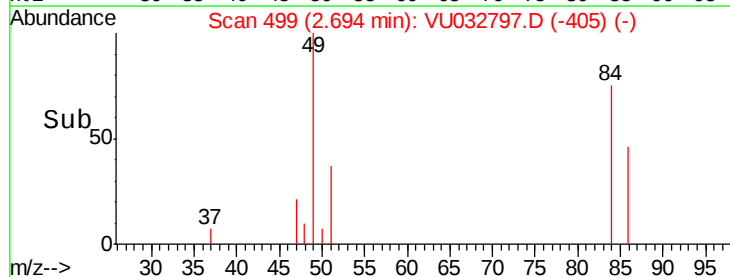
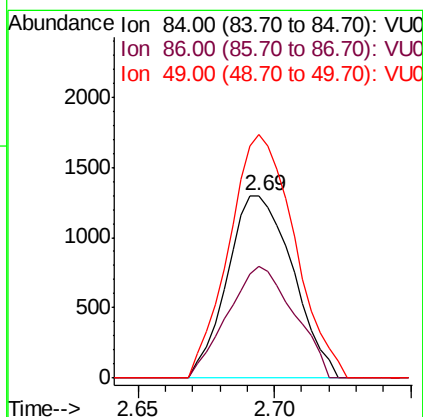
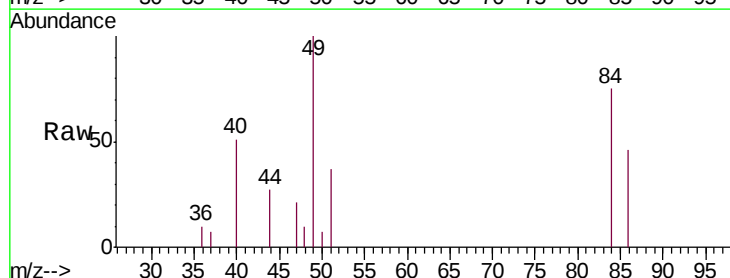
Instrument :
MSVOA_U
ClientSampleId :
C0JR8

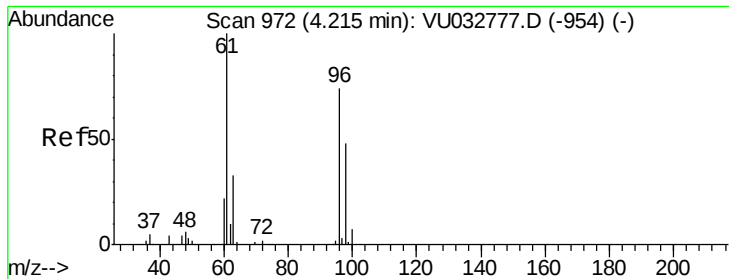
Tgt Ion: 43 Resp: 1657
Ion Ratio Lower Upper
43 100
74 17.7 18.1 27.1#



#16
Methylene chloride
Concen: 1.299 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

Tgt Ion: 84 Resp: 2164
Ion Ratio Lower Upper
84 100
86 61.4 45.5 84.5
49 133.6 92.1 171.1

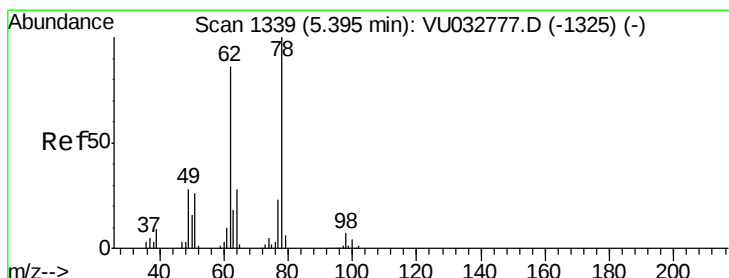
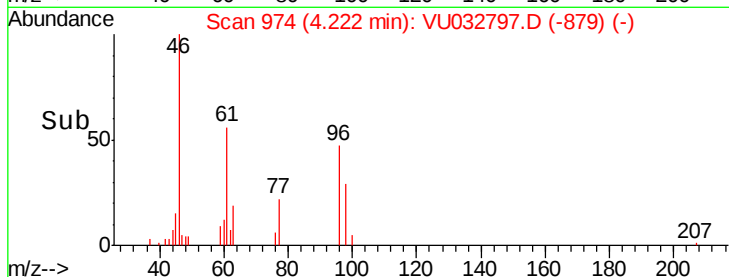
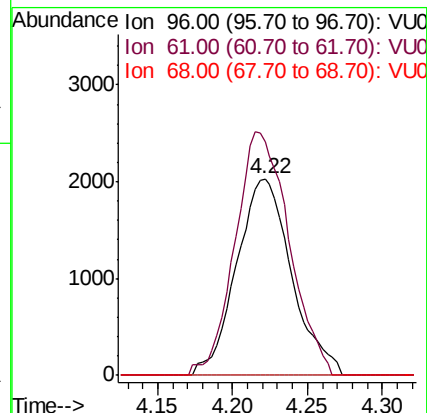
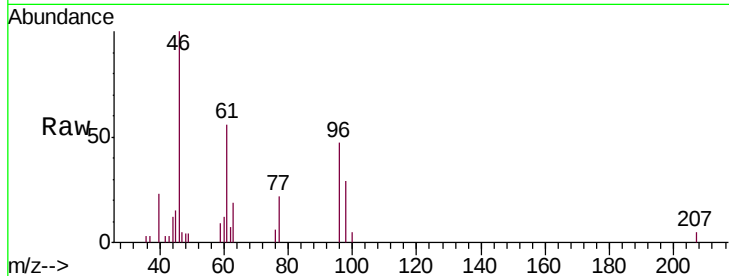




#20
 cis-1,2-Dichloroethene
 Concen: 3.109 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.01 min
 Lab File: VU032797.D
 Acq: 17 Jun 2019 20:53

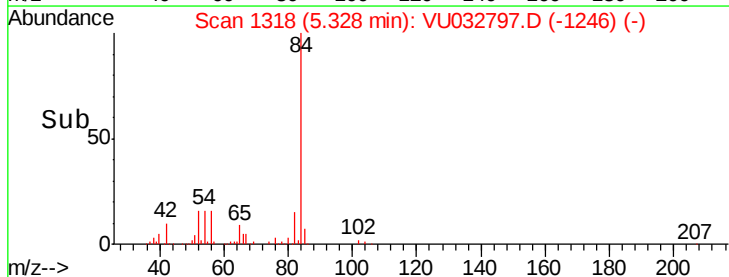
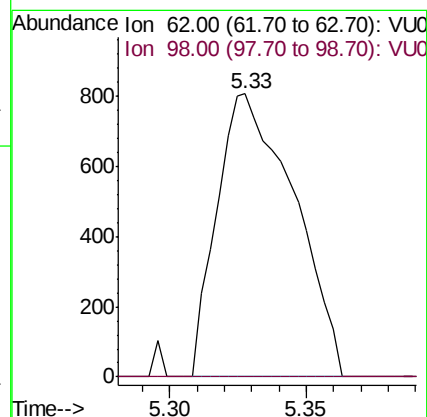
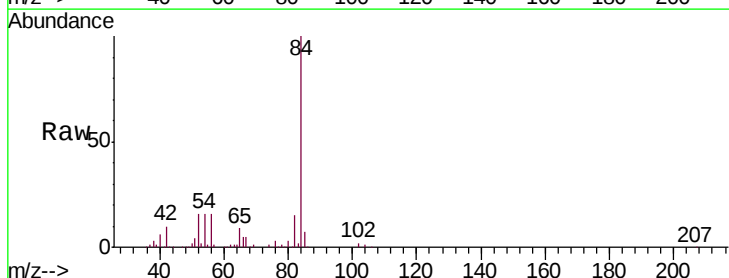
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR8

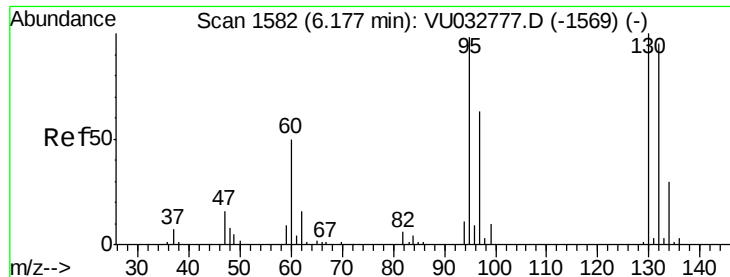
Tgt Ion: 96 Resp: 5214
 Ion Ratio Lower Upper
 96 100
 61 118.4 92.4 171.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.637 ug/L
 RT: 5.33 min Scan# 1318
 Delta R.T. -0.07 min
 Lab File: VU032797.D
 Acq: 17 Jun 2019 20:53

Tgt Ion: 62 Resp: 1584
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#





#34

Trichloroethene

Concen: 2.207 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

C0JR8

Tgt Ion: 95 Resp: 3688

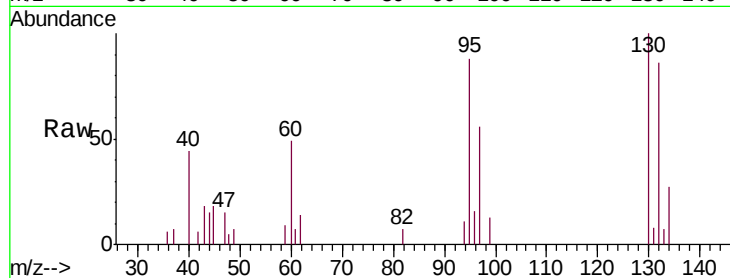
Ion Ratio Lower Upper

95 100

97 63.7 45.9 85.3

132 98.2 68.5 127.3

130 113.9 70.8 131.4

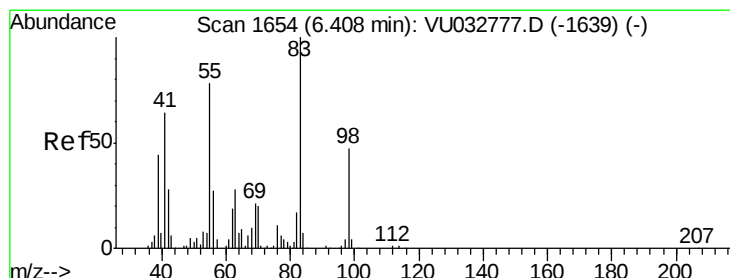
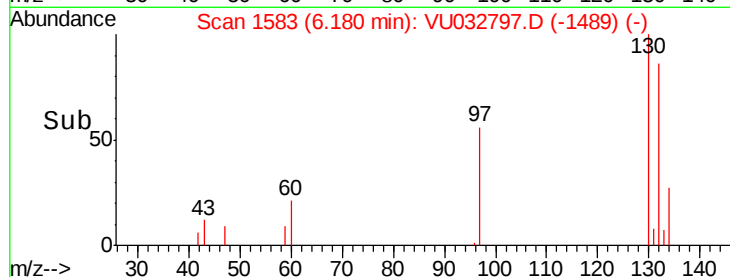
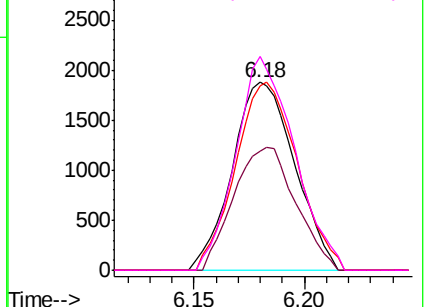


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 7.554 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

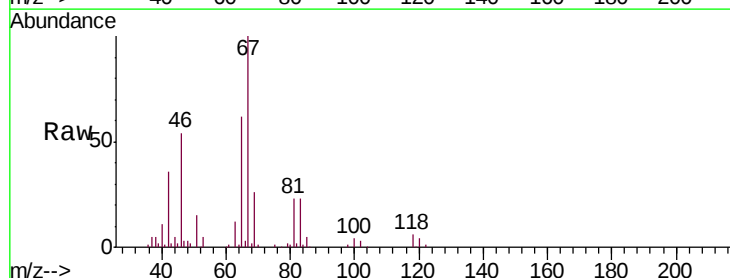
Tgt Ion: 83 Resp: 19511

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

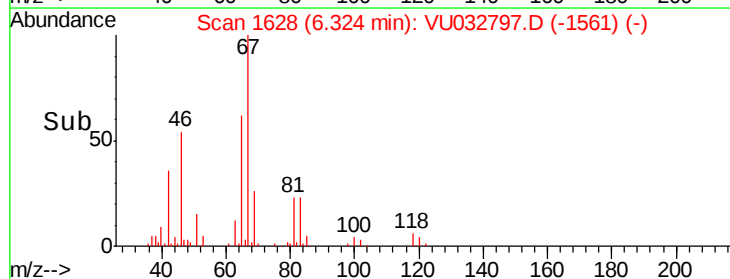
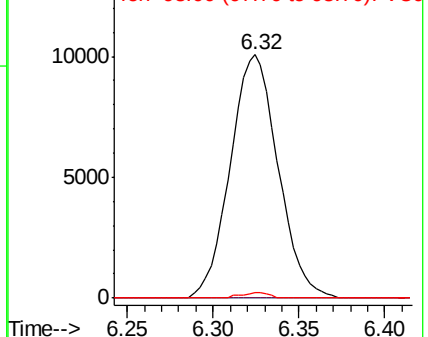
98 1.1 37.4 56.0#

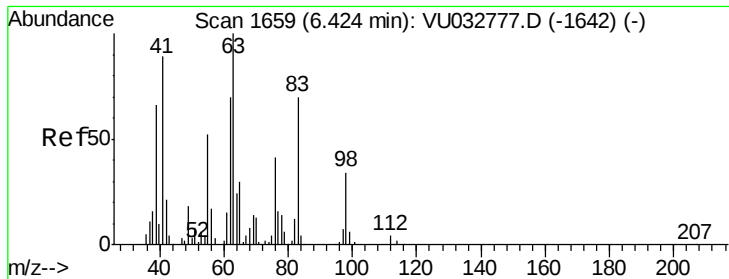


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 5.785 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032797.D

Acq: 17 Jun 2019 20:53

Instrument :

MSVOA_U

ClientSampleId :

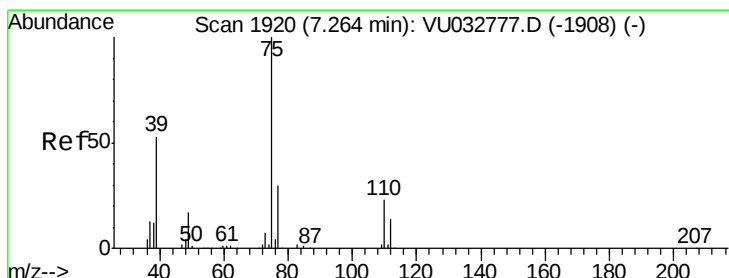
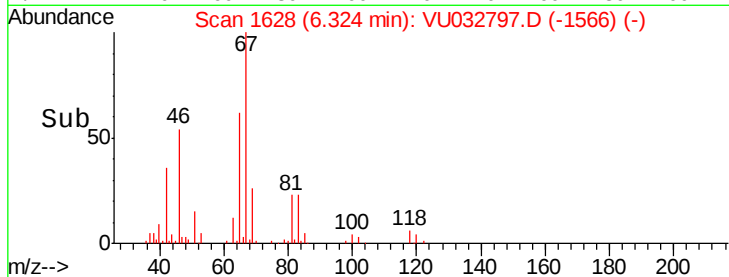
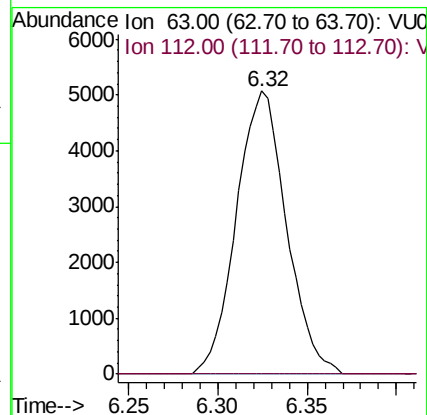
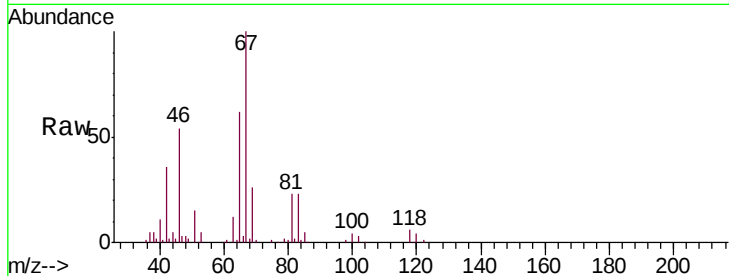
C0JR8

Tgt Ion: 63 Resp: 9924

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 1.090 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032797.D

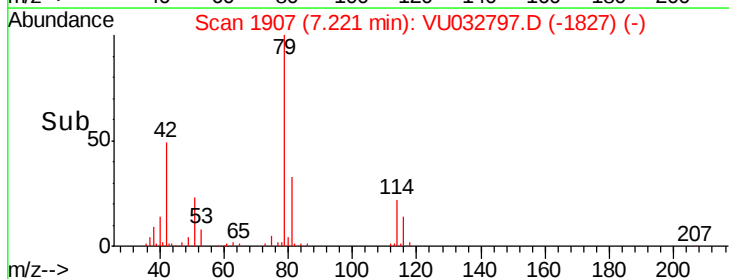
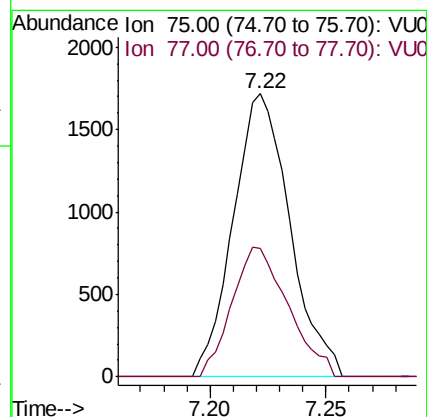
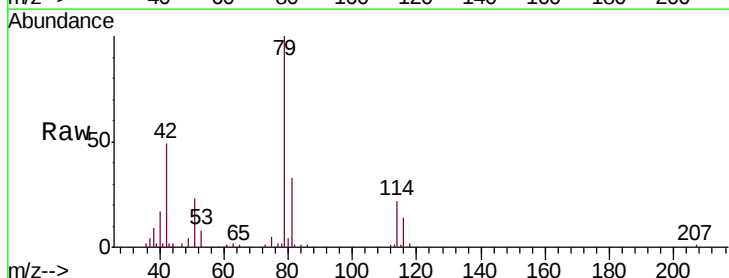
Acq: 17 Jun 2019 20:53

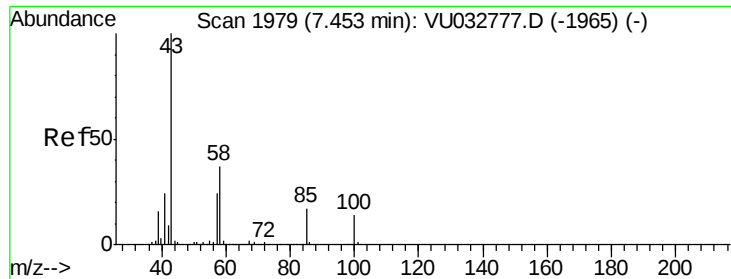
Tgt Ion: 75 Resp: 2914

Ion Ratio Lower Upper

75 100

77 45.2 21.9 40.7#

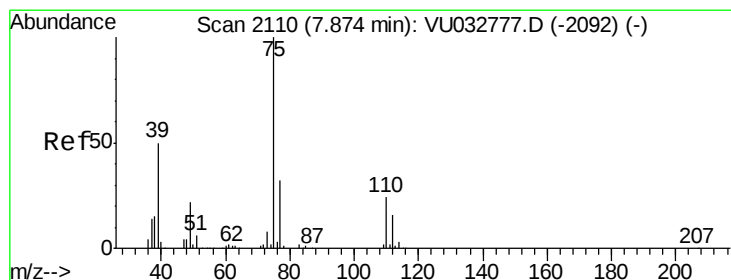
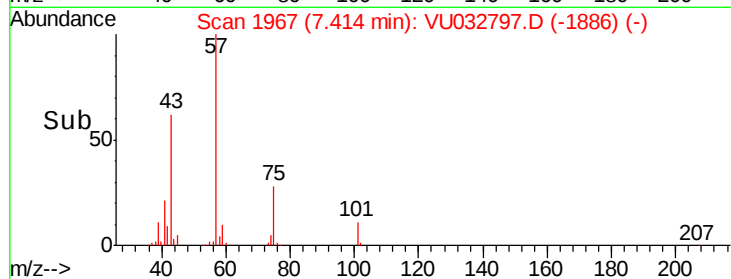
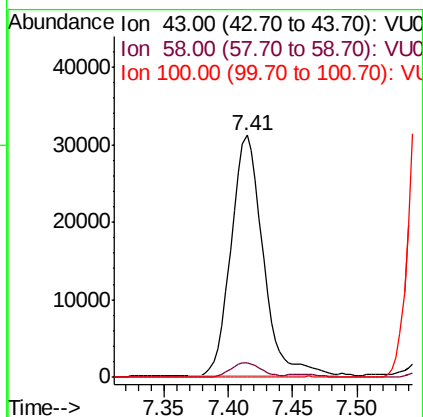
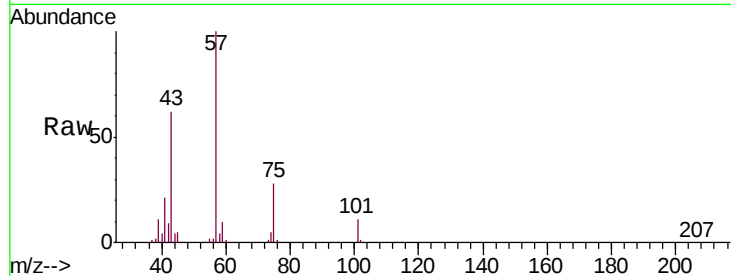




#40
 4-Methyl-2-pentanone
 Concen: 19.563 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032797.D
 Acq: 17 Jun 2019 20:53

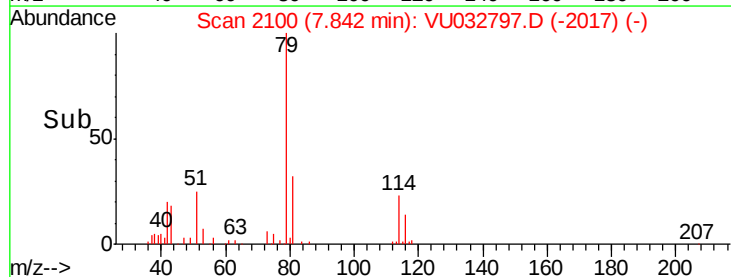
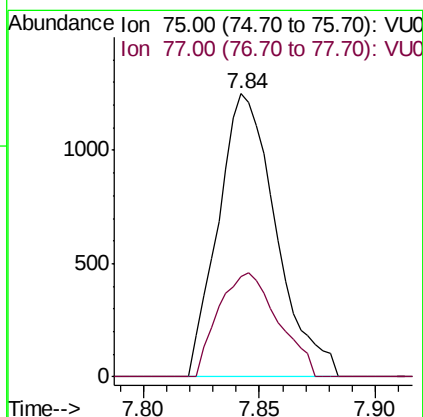
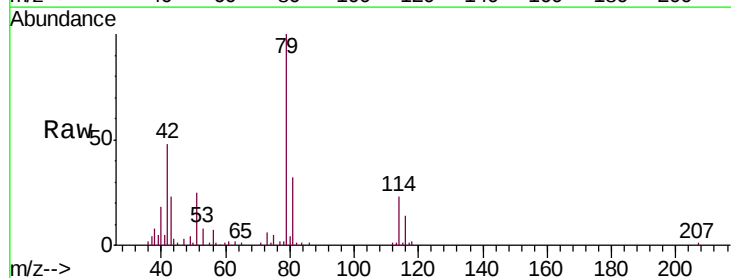
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JR8

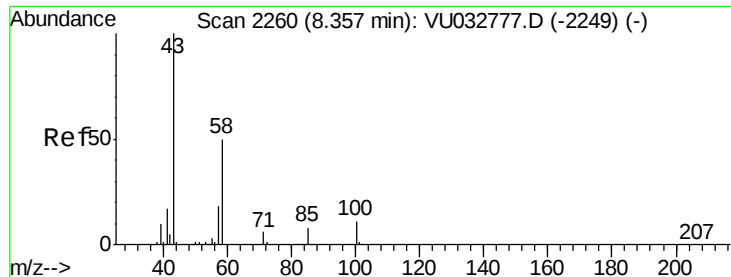
Tgt Ion: 43 Resp: 53581
 Ion Ratio Lower Upper
 43 100
 58 5.9 29.4 44.2#
 100 0.0 11.2 16.8#



#44
 trans-1,3-Dichloropropene
 Concen: 0.863 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032797.D
 Acq: 17 Jun 2019 20:53

Tgt Ion: 75 Resp: 2167
 Ion Ratio Lower Upper
 75 100
 77 35.5 21.8 40.4

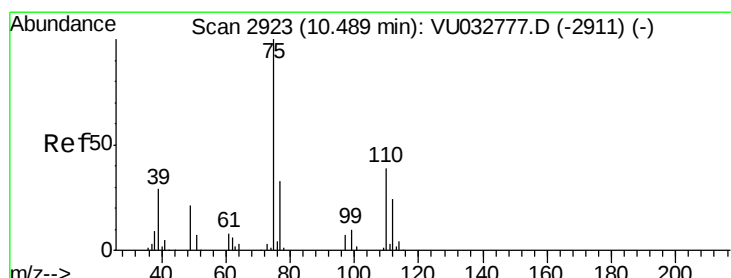
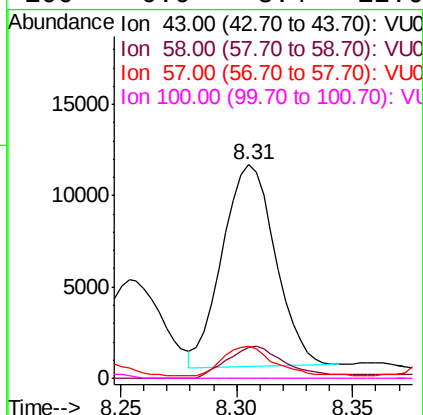
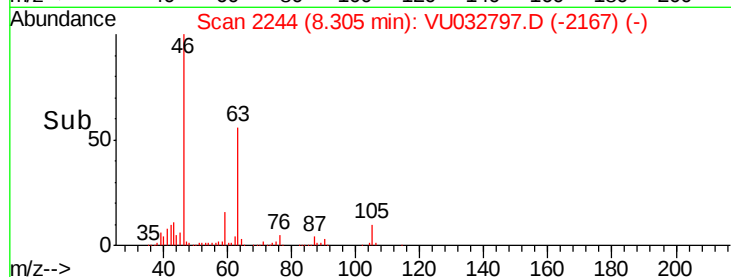
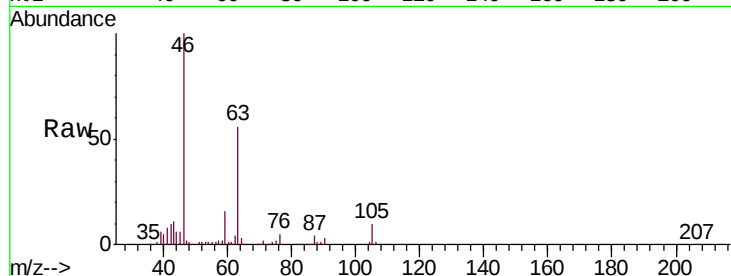




#48
2-Hexanone
Concen: 7.271 ug/L
RT: 8.31 min Scan# 2244
Delta R.T. -0.05 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

Instrument :
MSVOA_U
ClientSampleId :
C0JR8

Tgt Ion: 43 Resp: 17571
Ion Ratio Lower Upper
43 100
58 17.7 40.2 60.2#
57 13.7 14.2 21.4#
100 0.0 8.4 12.6#



#59
1,2,3-Trichloropropane
Concen: 6.122 ug/L
RT: 11.48 min Scan# 3230
Delta R.T. 0.99 min
Lab File: VU032797.D
Acq: 17 Jun 2019 20:53

Tgt Ion: 75 Resp: 14016
Ion Ratio Lower Upper
75 100
77 38.5 25.5 38.3#

