

Data File : VU032823.D
Acq On : 18 Jun 2019 14:46
Operator : JC/SP
Sample : K3363-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT9

Quant Time: Jun 19 01:32:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	228887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	222419	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	110676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75090	48.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	62740	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.58%
11) 1,1-Dichloroethene-d2	2.27	63	116593	37.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.00%
21) 2-Butanone-d5	4.17	46	145430	111.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.70%
24) Chloroform-d	4.64	84	149626	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.30	65	104697	51.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.38%
32) Benzene-d6	5.33	84	298882	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.32	67	95942	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.88%
41) Toluene-d8	7.56	98	279956	51.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.12%
43) trans-1,3-Dichloropropene-	7.84	79	42664	44.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.82%
47) 2-Hexanone-d5	8.31	63	100241	116.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.23%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	141931	49.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	111664	52.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.28%

Target Compounds

					Qvalue	
8) Chloroethane	1.40	64	1209	1.010	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	951	0.622	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	993	0.689	ug/L #	1
13) Acetone	2.32	43	5640	3.136	ug/L	99
15) Methyl Acetate	2.62	43	3294	1.616	ug/L	92
16) Methylene chloride	2.69	84	2271	1.343	ug/L	98
27) 1,2-Dichloroethane	5.34	62	1808	0.716	ug/L #	77
35) Methylcyclohexane	6.32	83	22535	8.516	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	11744	6.682	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2813	1.027	ug/L #	60
40) 4-Methyl-2-pentanone	7.41	43	60577	21.588	ug/L #	53
42) Toluene	7.63	91	3467	0.500	ug/L	94
44) trans-1,3-Dichloropropene	7.84	75	2207	0.858	ug/L	85
48) 2-Hexanone	8.31	43	18221	7.360	ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	14138	6.028	ug/L #	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061819\
Quantitation Report (Not Reviewed)

Data File : VU032823.D
Acq On : 18 Jun 2019 14:46
Operator : JC/SP
Sample : K3363-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT9

Quant Time: Jun 19 01:32:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration

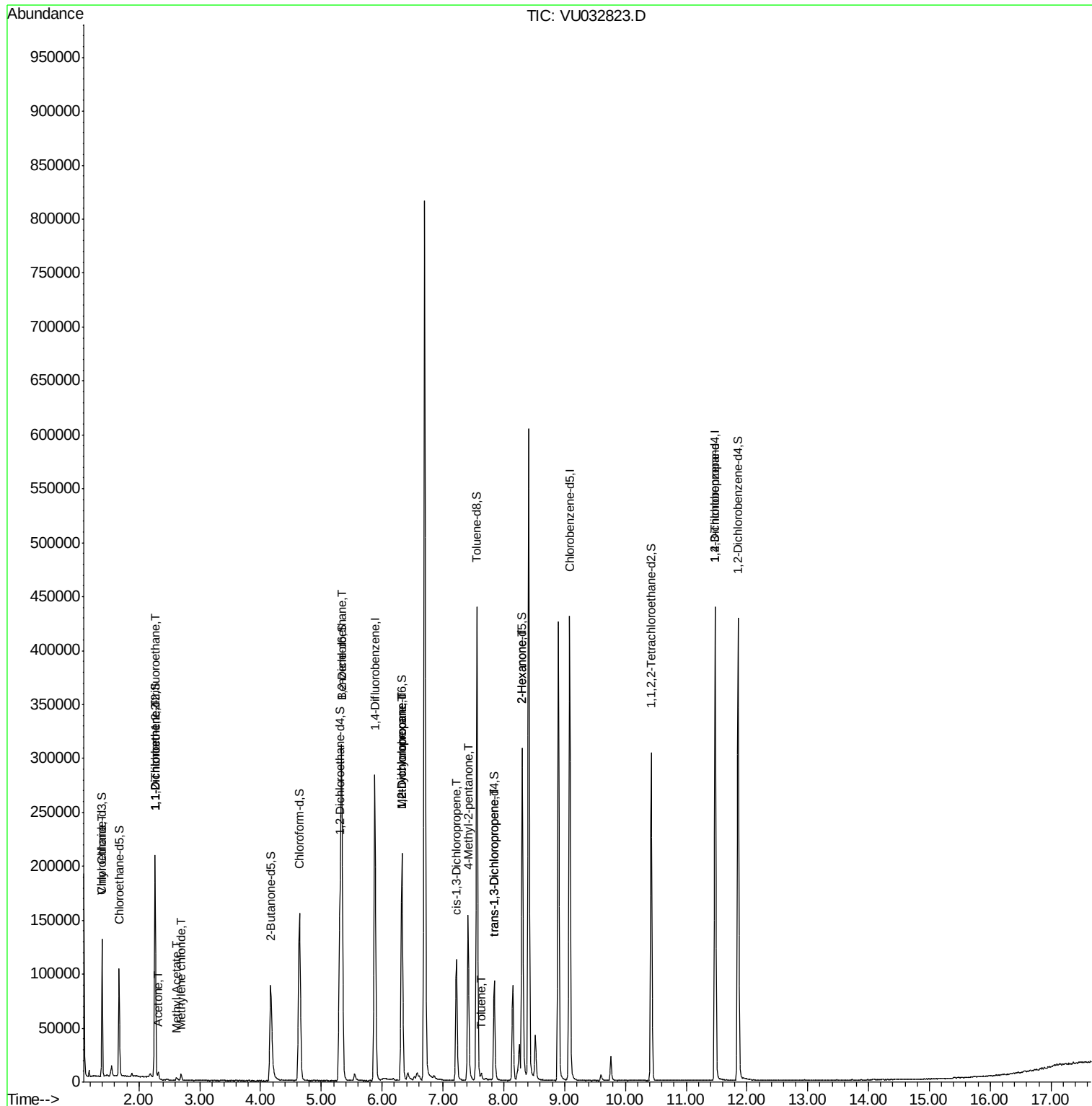
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

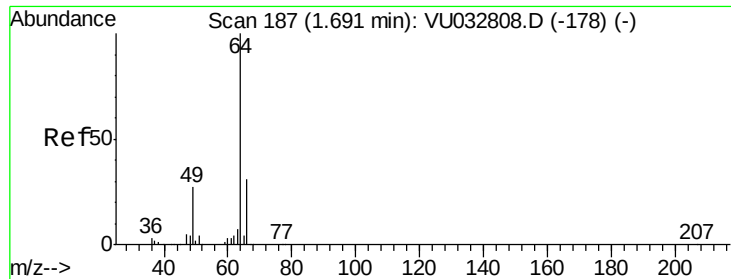
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VU032823.D
Acq On : 18 Jun 2019 14:46
Operator : JC/SP
Sample : K3363-05
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0JT9

Quant Time: Jun 19 01:32:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 19 01:26:44 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.010 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

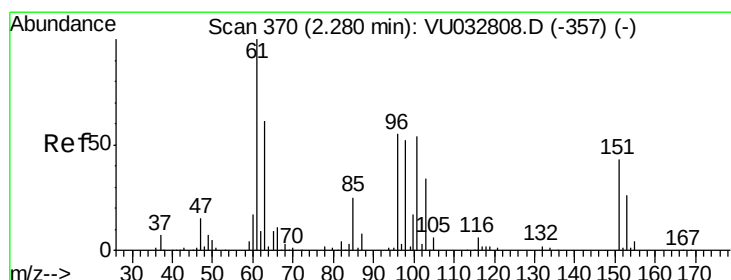
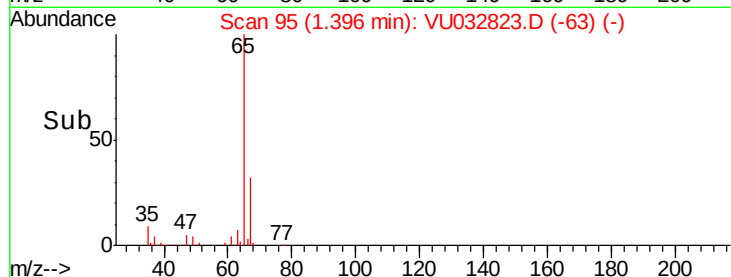
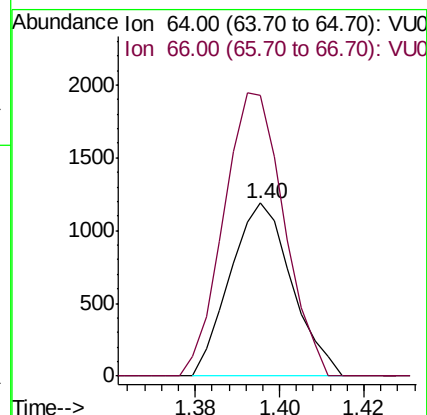
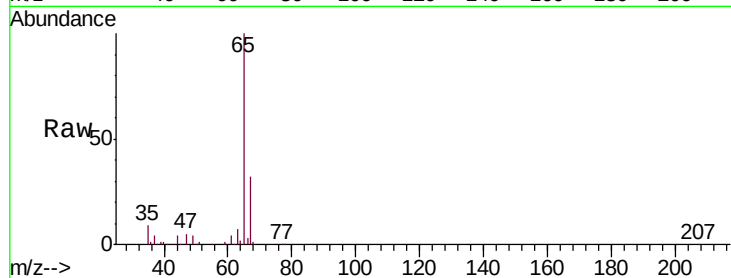
C0JT9

Tgt Ion: 64 Resp: 1209

Ion Ratio Lower Upper

64 100

66 162.2 22.5 41.7#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.622 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

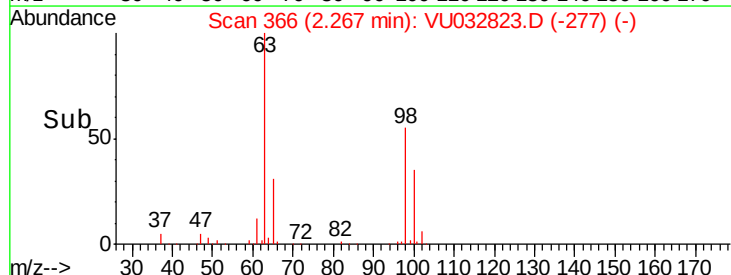
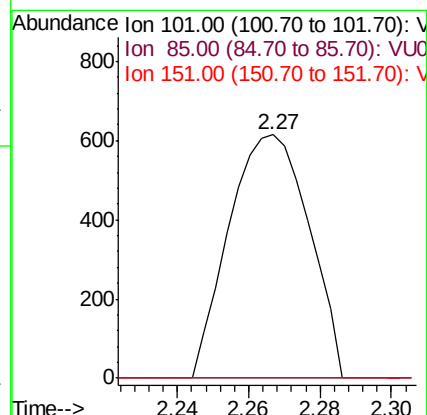
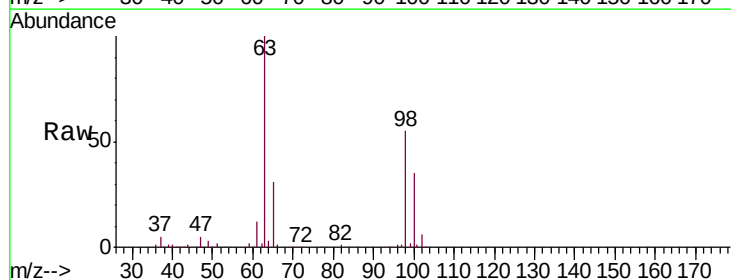
Tgt Ion: 101 Resp: 951

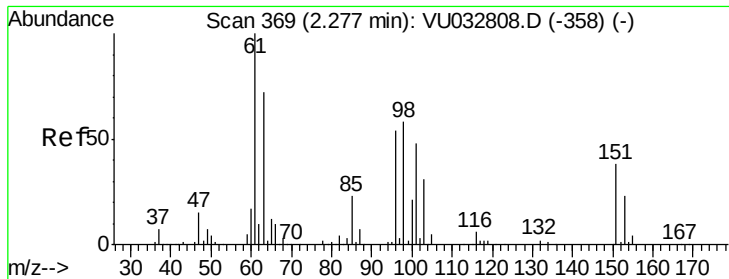
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#





#12

1,1-Dichloroethene

Concen: 0.689 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

C0JT9

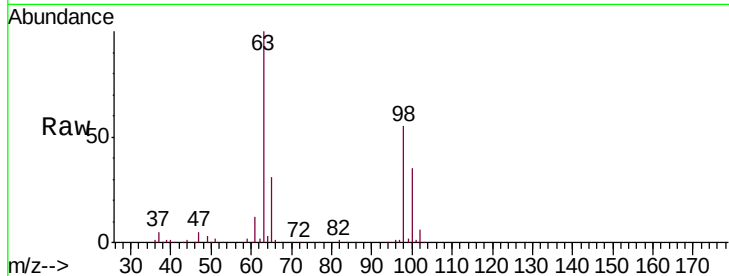
Tgt Ion: 96 Resp: 993

Ion Ratio Lower Upper

96 100

61 1328.8 131.0 243.4#

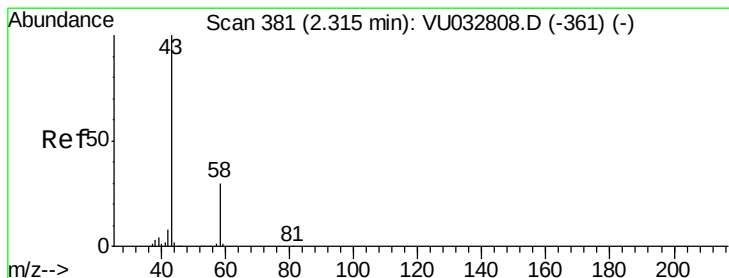
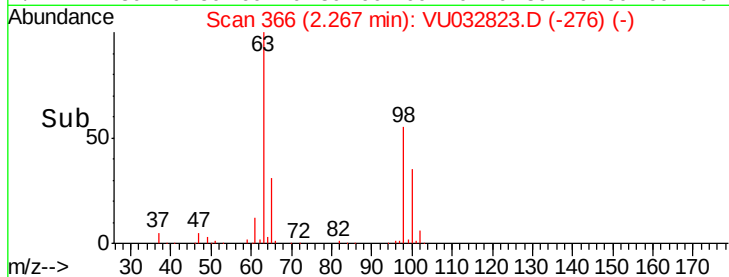
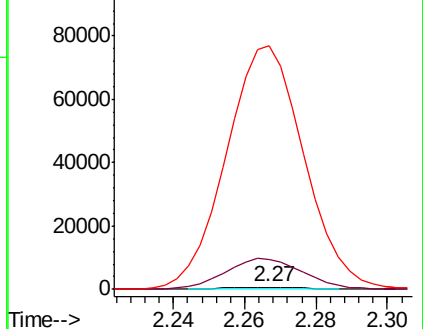
63 10737.4 101.0 187.6#



Abundance Ion 96.00 (95.70 to 96.70): VU032823.D (-276) (-)

Ion 61.00 (60.70 to 61.70): VU032823.D (-276) (-)

Ion 63.00 (62.70 to 63.70): VU032823.D (-276) (-)



#13

Acetone

Concen: 3.136 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032823.D

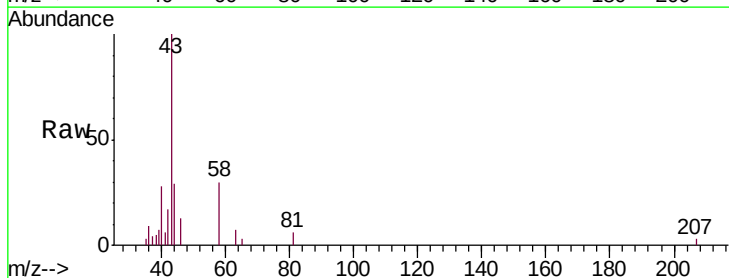
Acq: 18 Jun 2019 14:46

Tgt Ion: 43 Resp: 5640

Ion Ratio Lower Upper

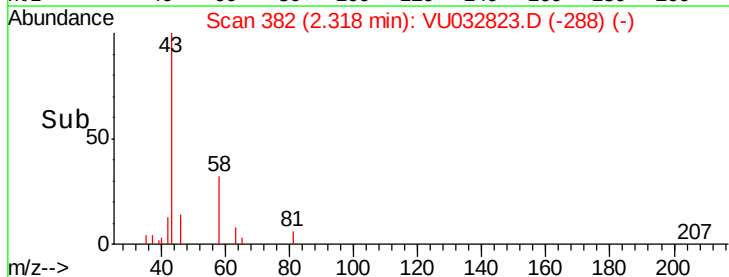
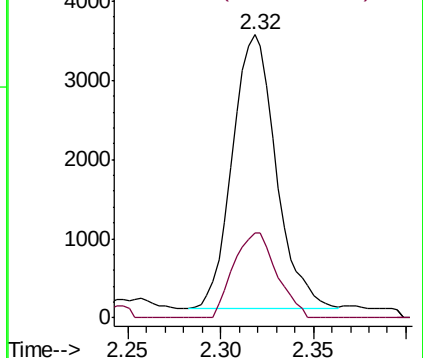
43 100

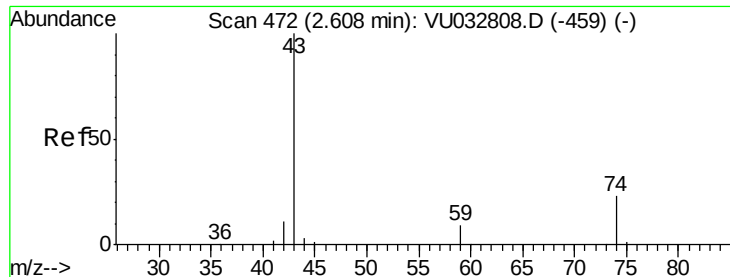
58 30.8 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032823.D (-288) (-)

Ion 58.00 (57.70 to 58.70): VU032823.D (-288) (-)

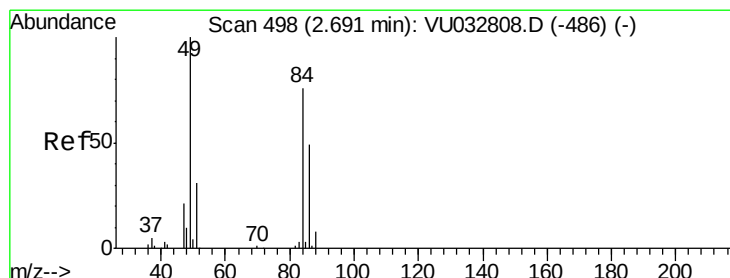
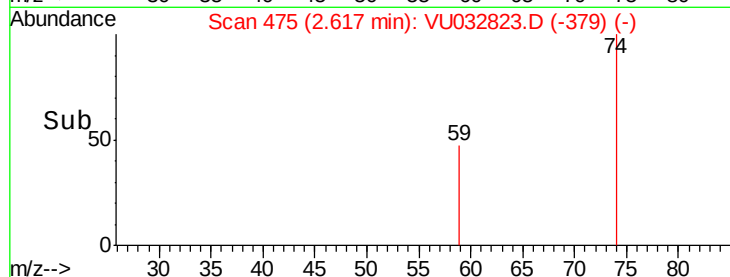
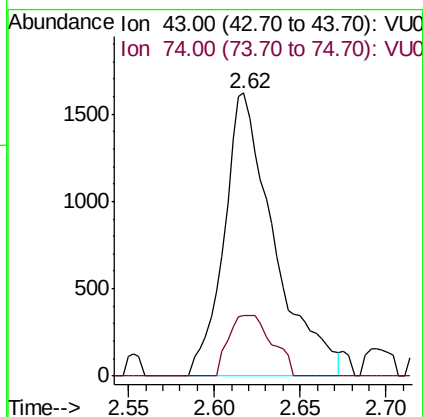
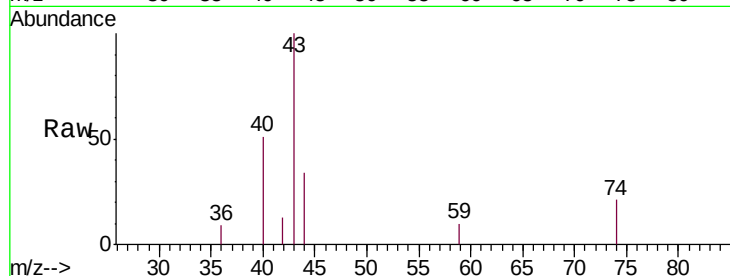




#15
Methyl Acetate
Concen: 1.616 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032823.D
Acq: 18 Jun 2019 14:46

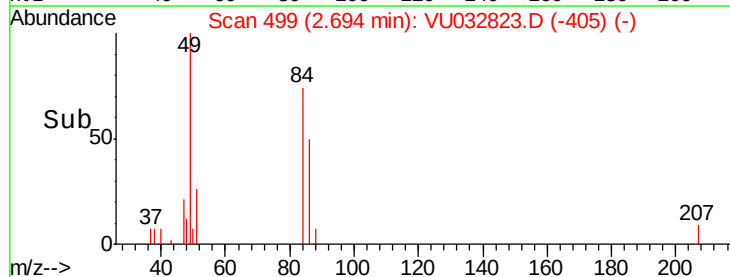
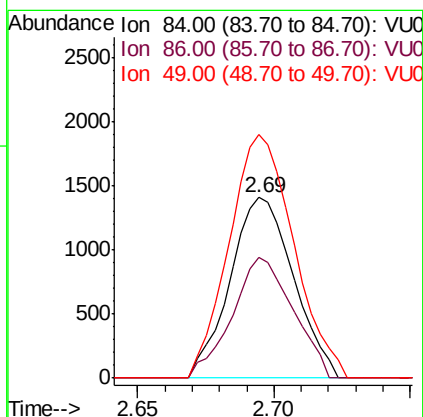
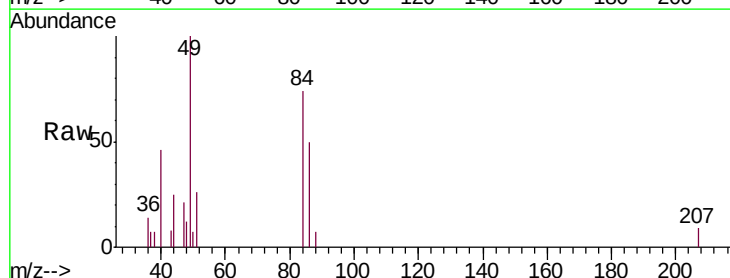
Instrument :
MSVOA_U
ClientSampleId :
C0JT9

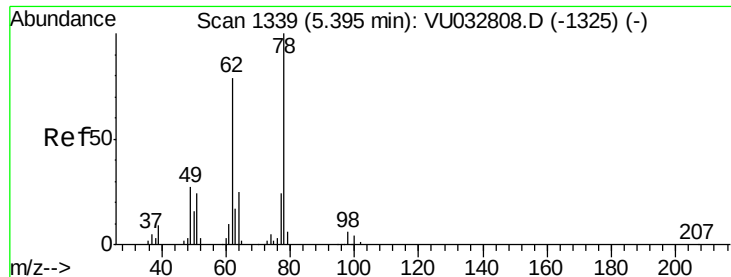
Tgt Ion: 43 Resp: 3294
Ion Ratio Lower Upper
43 100
74 18.5 18.1 27.1



#16
Methylene chloride
Concen: 1.343 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032823.D
Acq: 18 Jun 2019 14:46

Tgt Ion: 84 Resp: 2271
Ion Ratio Lower Upper
84 100
86 66.7 45.5 84.5
49 134.7 92.1 171.1

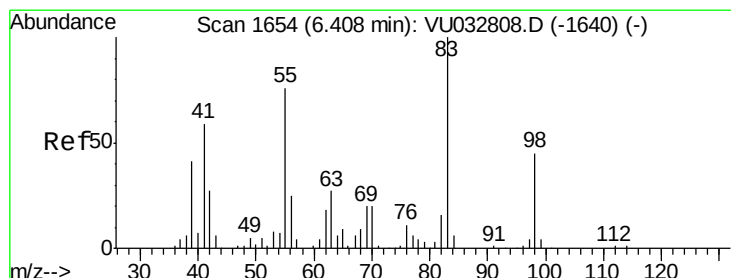
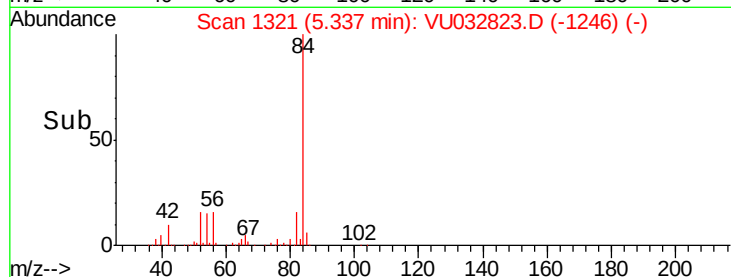
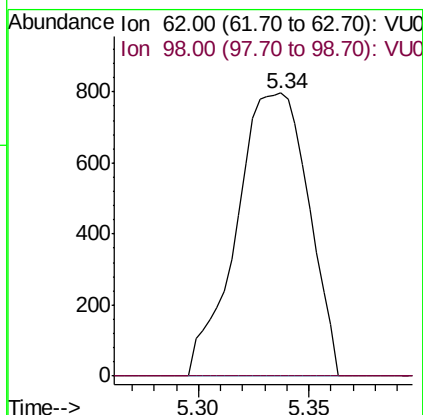
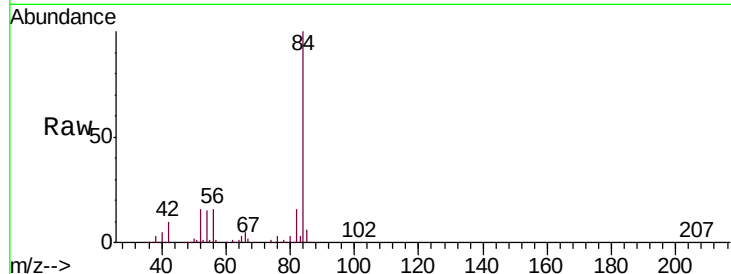




#27
 1,2-Dichloroethane
 Concen: 0.716 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

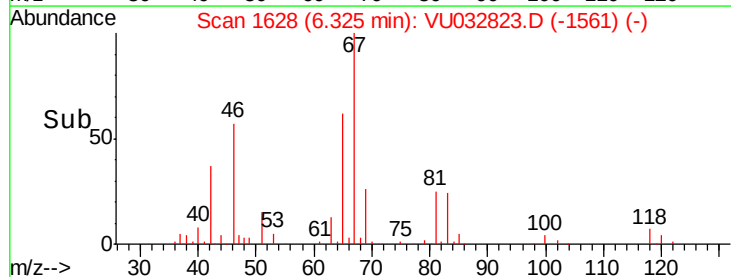
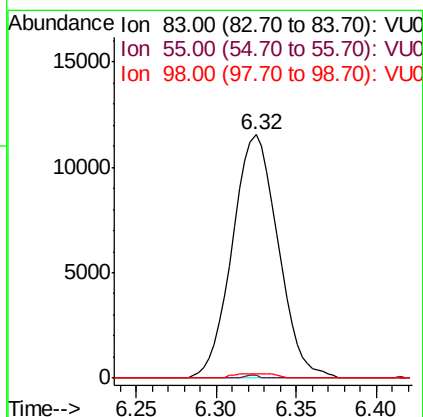
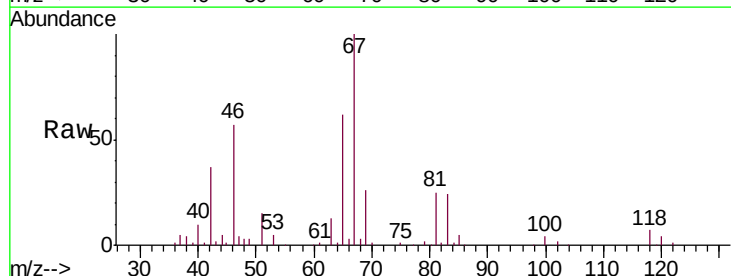
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT9

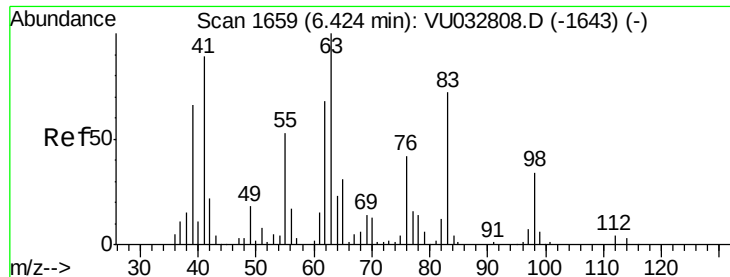
Tgt Ion: 62 Resp: 1808
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 8.516 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.08 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

Tgt Ion: 83 Resp: 22535
 Ion Ratio Lower Upper
 83 100
 55 0.3 62.6 94.0#
 98 1.6 37.4 56.0#

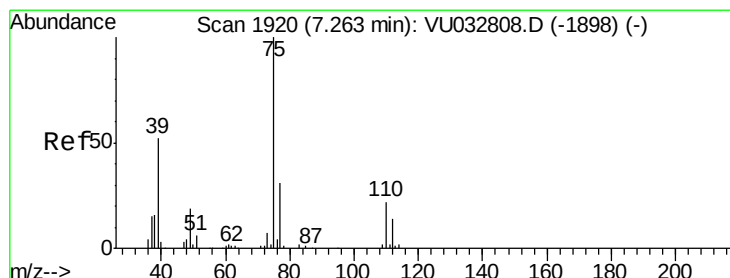
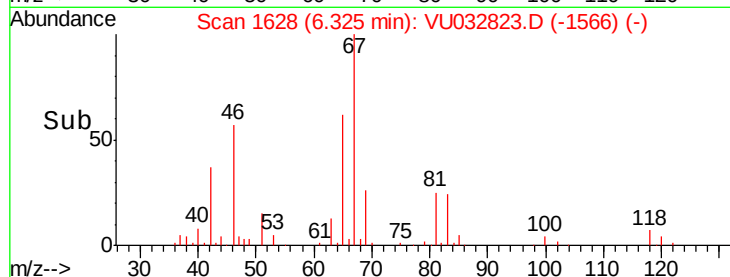
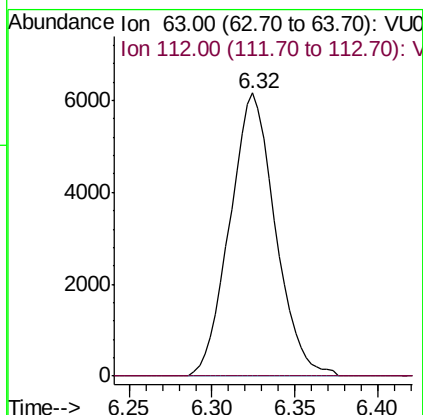
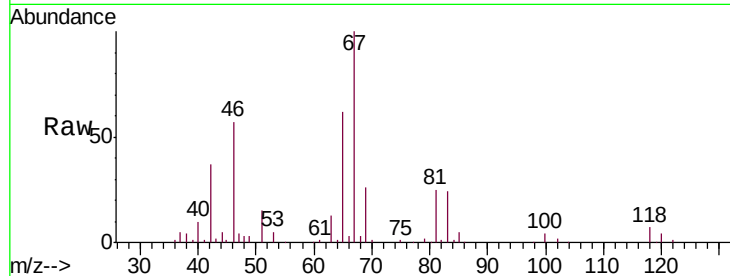




#37
 1,2-Dichloropropane
 Concen: 6.682 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

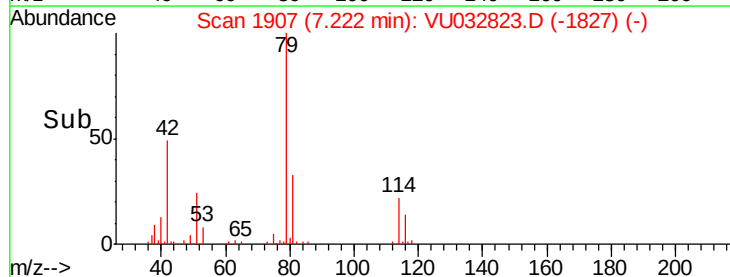
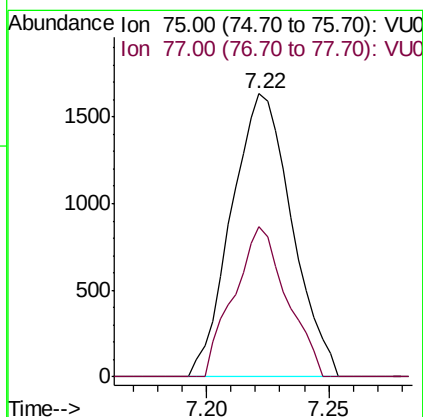
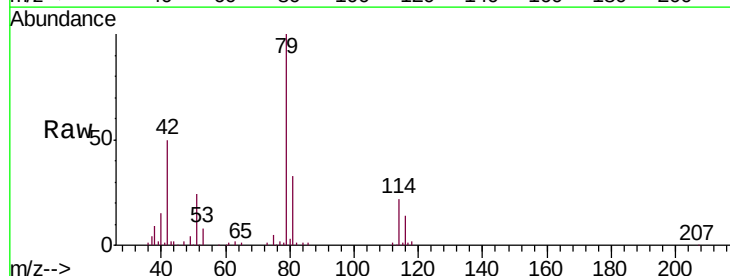
Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT9

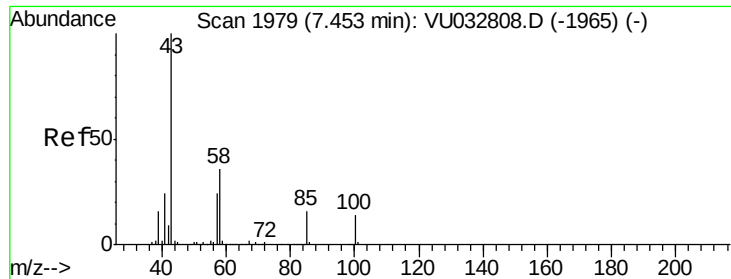
Tgt Ion: 63 Resp: 11744
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.027 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

Tgt Ion: 75 Resp: 2813
 Ion Ratio Lower Upper
 75 100
 77 53.2 21.9 40.7#

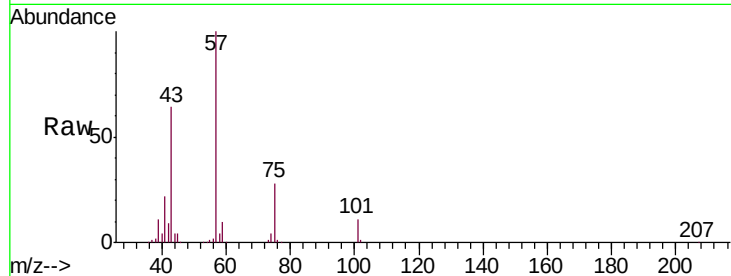




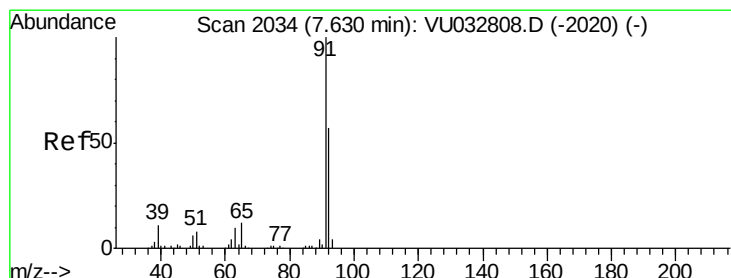
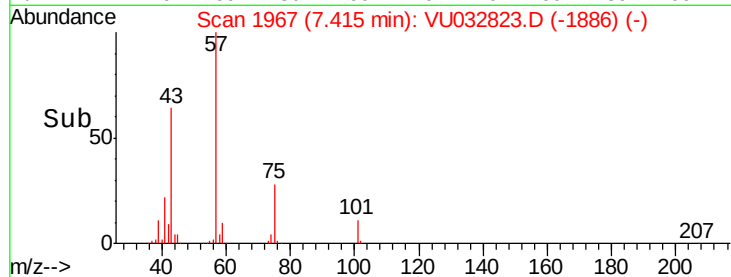
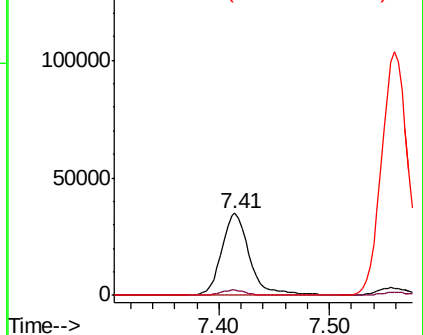
#40
 4-Methyl-2-pentanone
 Concen: 21.588 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. -0.04 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JT9

Tgt Ion: 43 Resp: 60577
 Ion Ratio Lower Upper
 43 100
 58 5.9 29.4 44.2#
 100 0.0 11.2 16.8#

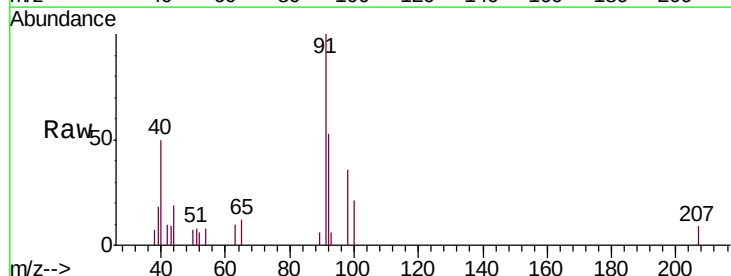


Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

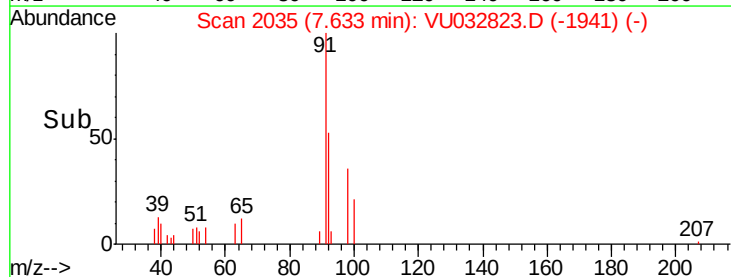
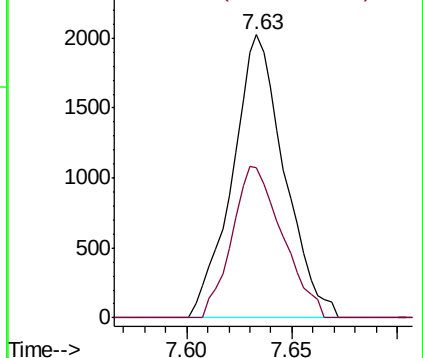


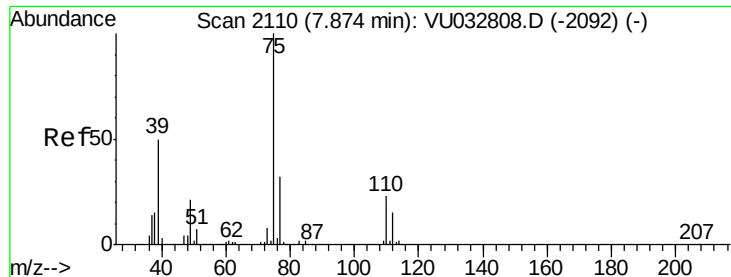
#42
 Toluene
 Concen: 0.500 ug/L
 RT: 7.63 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VU032823.D
 Acq: 18 Jun 2019 14:46

Tgt Ion: 91 Resp: 3467
 Ion Ratio Lower Upper
 91 100
 92 53.0 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0





#44

trans-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

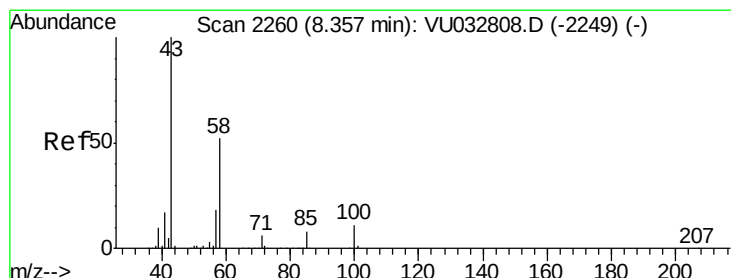
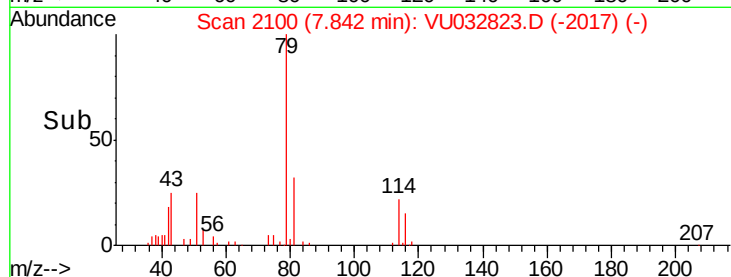
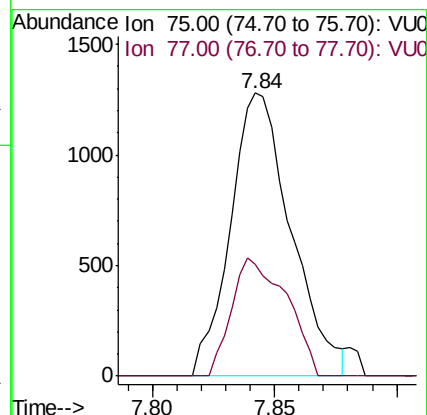
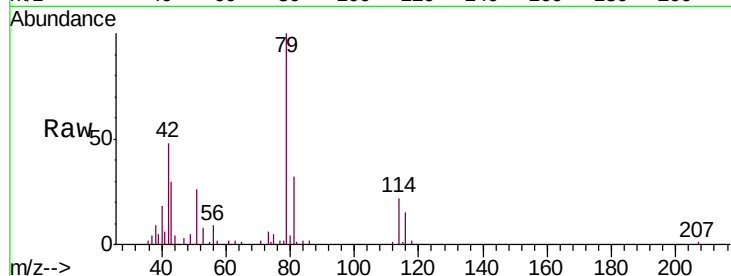
C0JT9

Tgt Ion: 75 Resp: 2207

Ion Ratio Lower Upper

75 100

77 39.6 21.8 40.4



#48

2-Hexanone

Concen: 7.360 ug/L

RT: 8.31 min Scan# 2244

Delta R.T. -0.05 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

Tgt Ion: 43 Resp: 18221

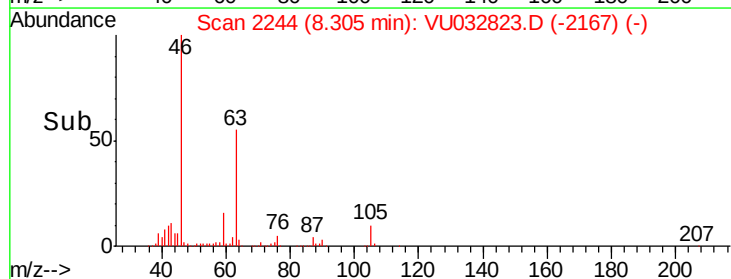
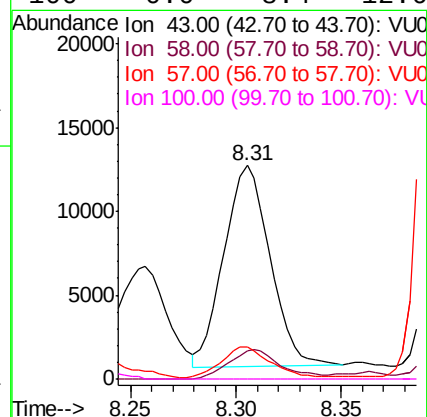
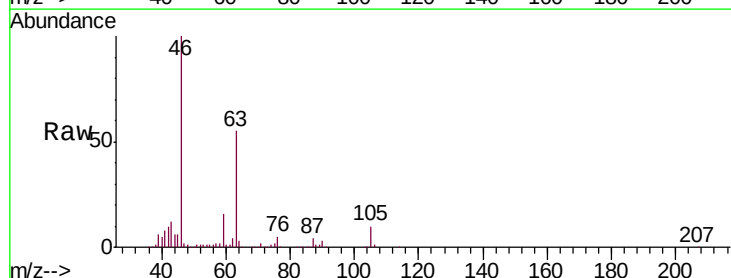
Ion Ratio Lower Upper

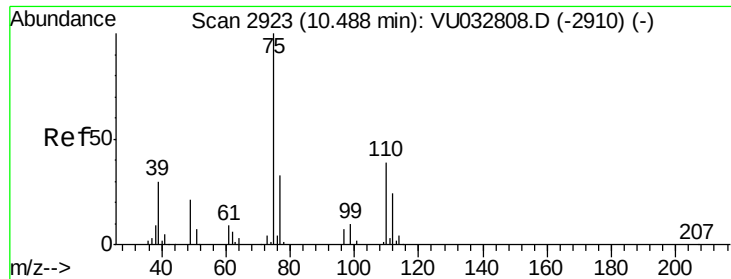
43 100

58 16.5 40.2 60.2#

57 17.2 14.2 21.4

100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.028 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032823.D

Acq: 18 Jun 2019 14:46

Instrument :

MSVOA_U

ClientSampleId :

C0JT9

Tgt Ion: 75 Resp: 14138

Ion Ratio Lower Upper

75 100

77 38.5 25.5 38.3#

