

Data File : VU032105.D
Acq On : 17 May 2019 16:57
Operator : JC/SP
Sample : K2850-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W13

Quant Time: May 18 04:12:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	363670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	379528	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	153905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	122020	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.68	69	101937	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.27	63	170754	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.20	46	282988	47.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.10%
24) Chloroform-d	4.64	84	234343	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.31	65	121400	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.33	84	474233	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
36) 1,2-Dichloropropane-d6	6.33	67	137831	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	389508	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.85	79	50477	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	8.31	63	251814	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	125977	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	153136	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

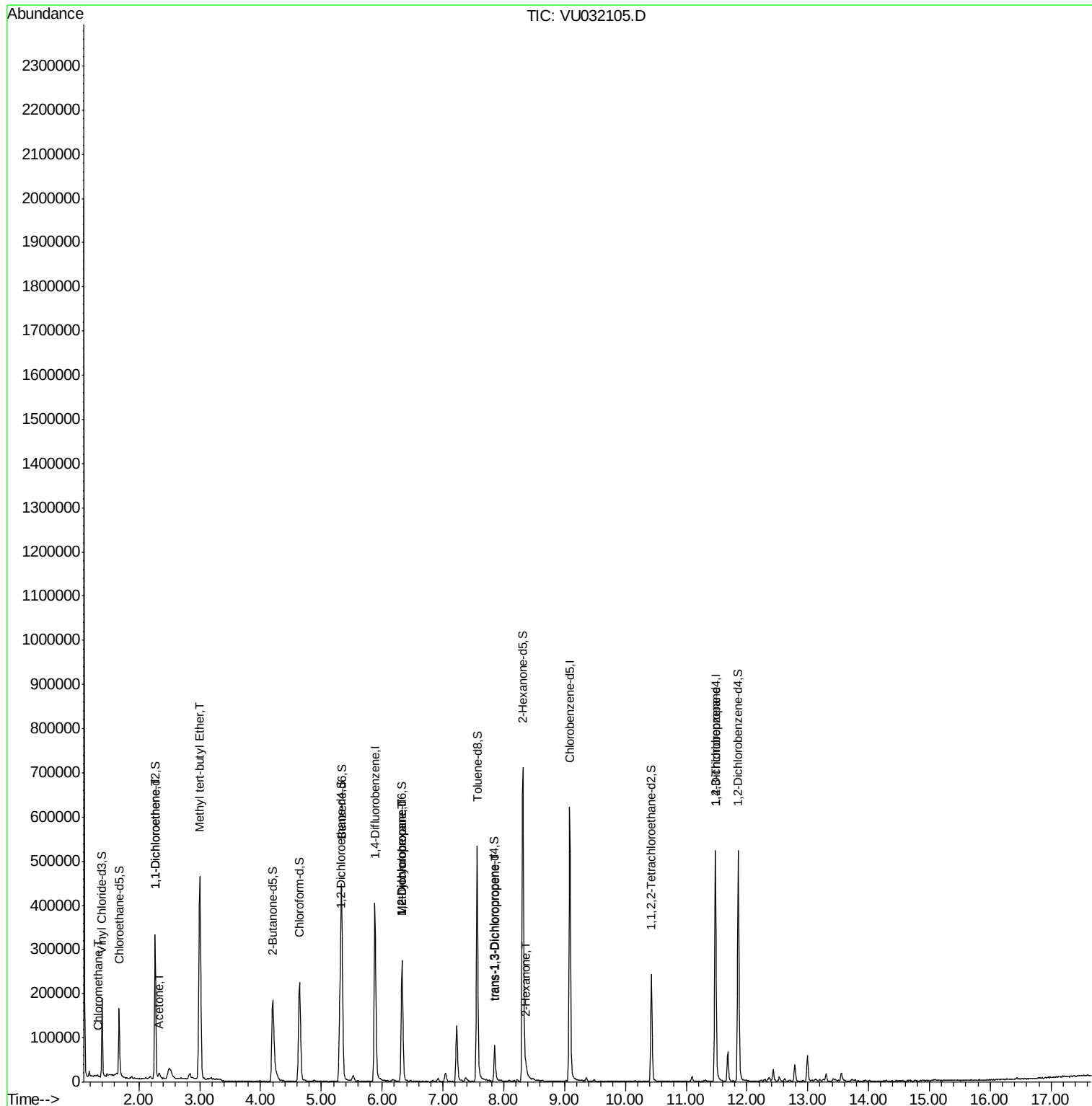
					Qvalue
3) Chloromethane	1.32	50	2679	0.153 ug/L	85
12) 1,1-Dichloroethene	2.26	96	1696	0.116 ug/L #	1
13) Acetone	2.33	43	8859	4.487 ug/L	97
17) Methyl tert-butyl Ether	3.00	73	538424	15.682 ug/L	96
35) Methylcyclohexane	6.33	83	34991	1.537 ug/L #	20
37) 1,2-Dichloropropane	6.32	63	14641	1.028 ug/L #	91
44) trans-1,3-Dichloropropene	7.86	75	2068	0.135 ug/L	96
48) 2-Hexanone	8.37	43	9690	1.891 ug/L #	42
59) 1,2,3-Trichloropropane	11.48	75	16054	1.774 ug/L #	87

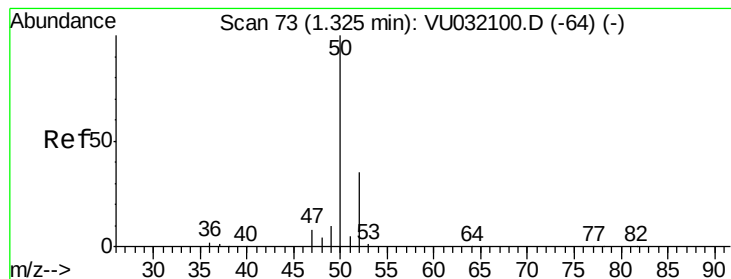
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032105.D

Acq: 17 May 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

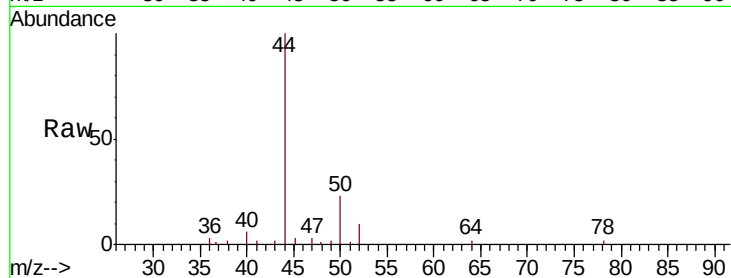
F9W13

Tgt Ion: 50 Resp: 2679

Ion Ratio Lower Upper

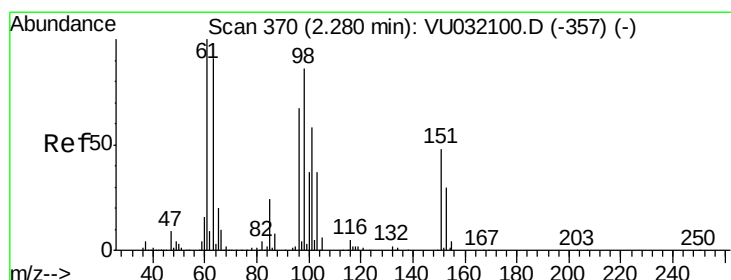
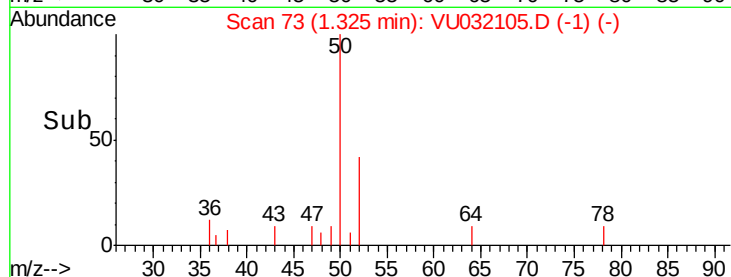
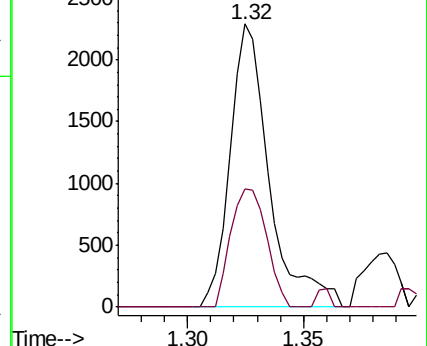
50 100

52 41.6 23.2 43.0



Abundance Ion 50.05 (49.75 to 50.75): VU032105.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU032105.D (-1) (-)



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU032105.D

Acq: 17 May 2019 16:57

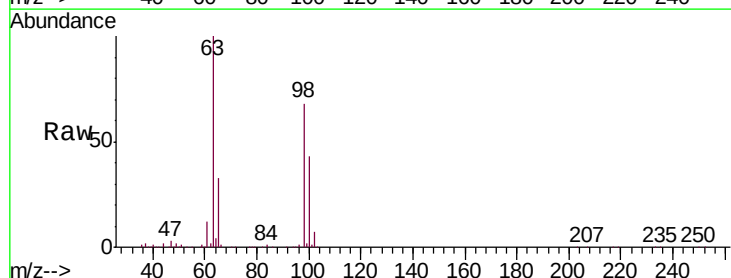
Tgt Ion: 96 Resp: 1696

Ion Ratio Lower Upper

96 100

61 1149.1 111.7 207.5#

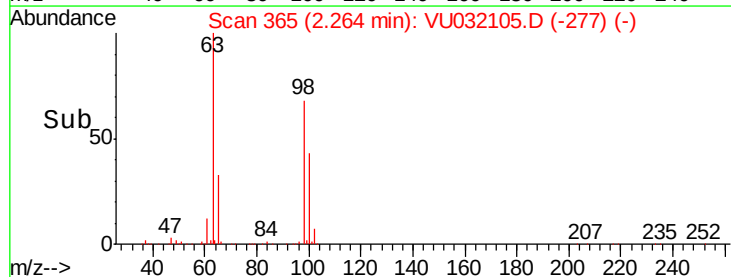
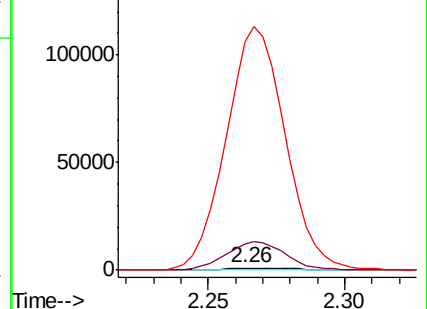
63 9972.2 152.2 282.6#

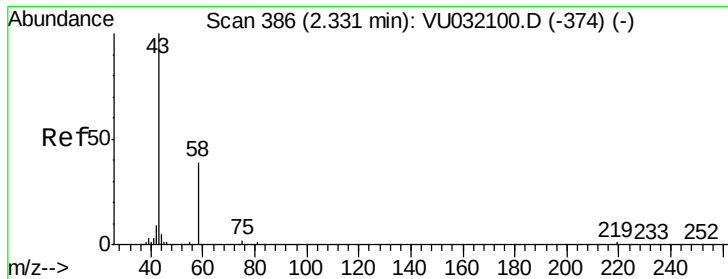


Abundance Ion 96.00 (95.70 to 96.70): VU032105.D (-277) (-)

Ion 61.05 (60.75 to 61.75): VU032105.D (-277) (-)

Ion 63.00 (62.70 to 63.70): VU032105.D (-277) (-)





#13

Acetone

Concen: 4.487 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.00 min

Lab File: VU032105.D

Acq: 17 May 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

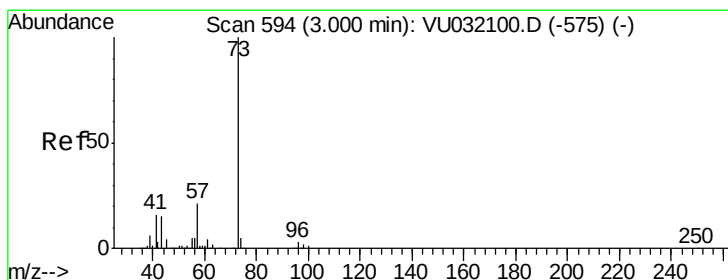
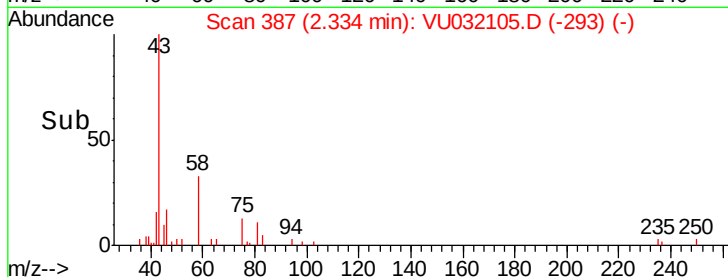
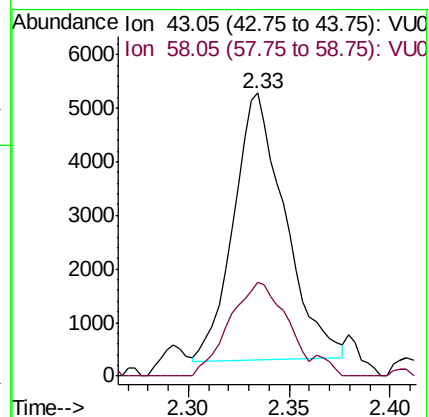
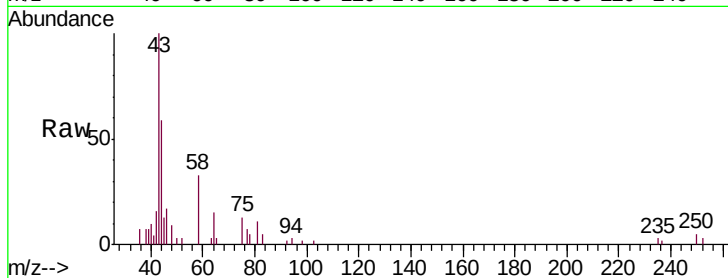
F9W13

Tgt Ion: 43 Resp: 8859

Ion Ratio Lower Upper

43 100

58 41.4 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 15.682 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032105.D

Acq: 17 May 2019 16:57

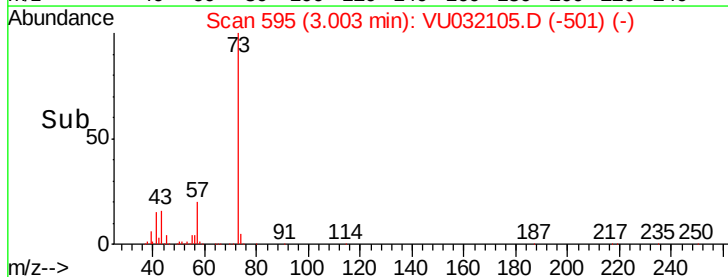
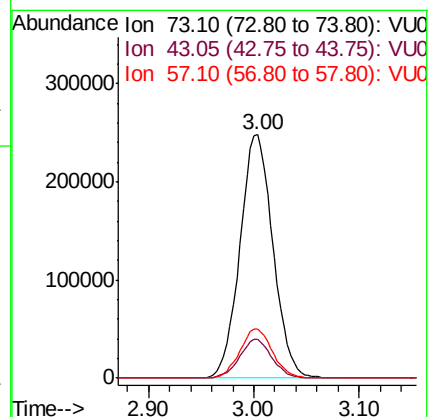
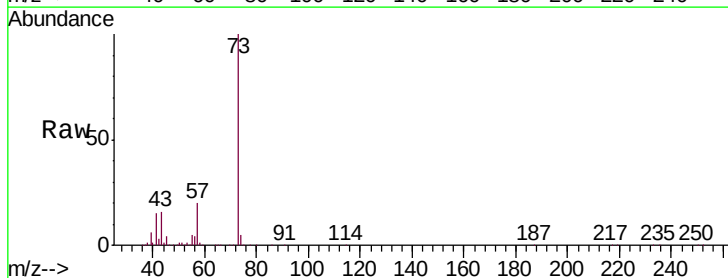
Tgt Ion: 73 Resp: 538424

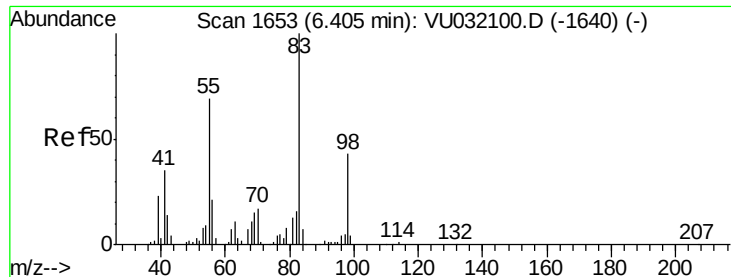
Ion Ratio Lower Upper

73 100

43 15.4 13.0 19.6

57 20.0 17.9 26.9

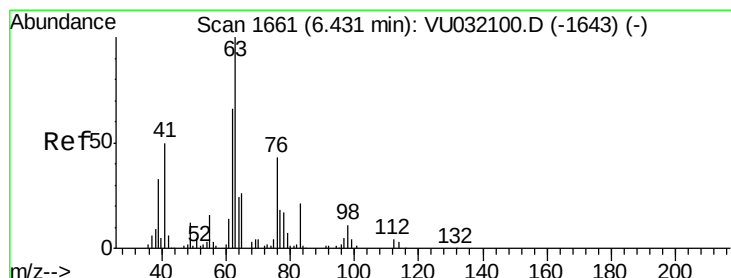
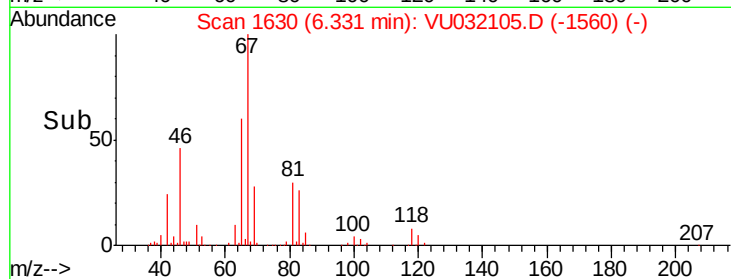
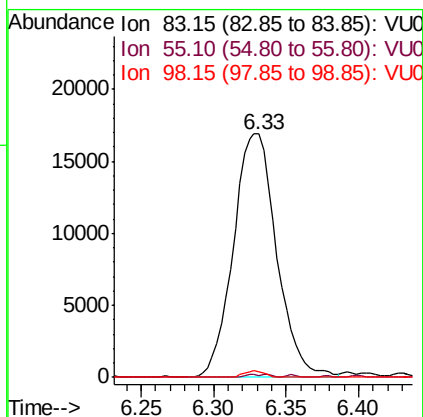
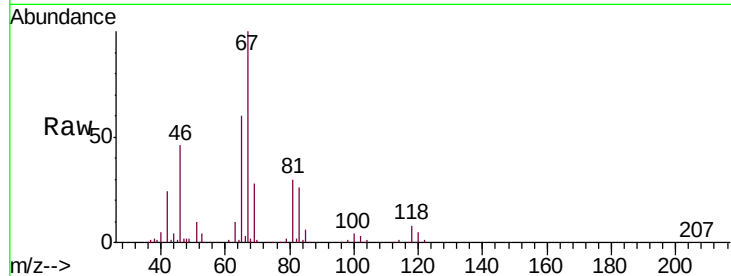




#35
Methylcyclohexane
Concen: 1.537 ug/L
RT: 6.33 min Scan# 1630
Delta R.T. -0.07 min
Lab File: VU032105.D
Acq: 17 May 2019 16:57

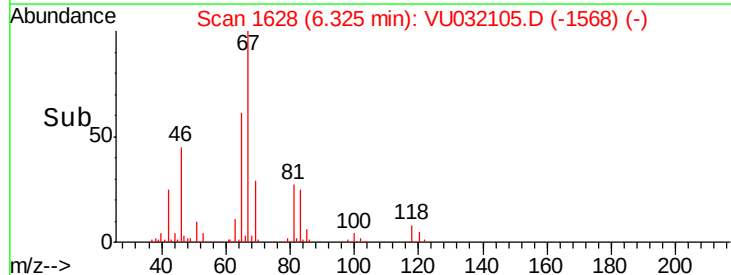
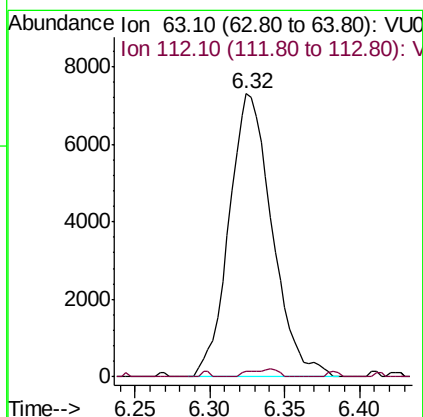
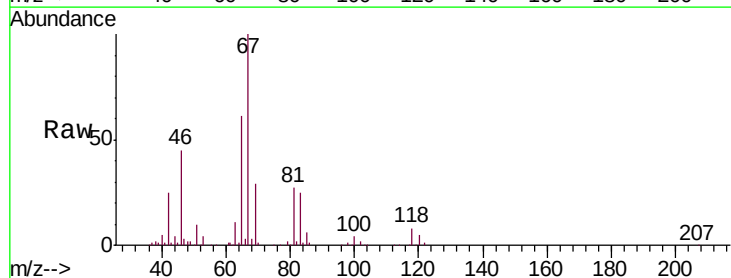
Instrument :
MSVOA_U
ClientSampleId :
F9W13

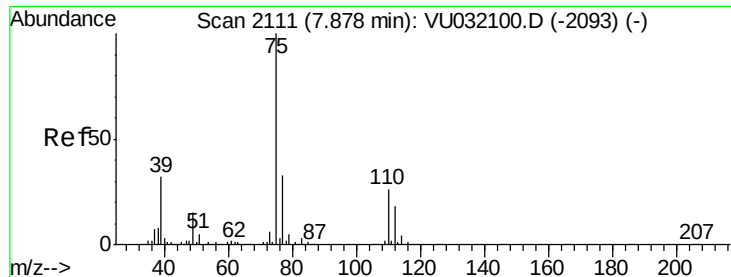
Tgt Ion: 83 Resp: 34991
Ion Ratio Lower Upper
83 100
55 0.4 59.7 89.5#
98 1.2 36.8 55.2#



#37
1,2-Dichloropropane
Concen: 1.028 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.11 min
Lab File: VU032105.D
Acq: 17 May 2019 16:57

Tgt Ion: 63 Resp: 14641
Ion Ratio Lower Upper
63 100
112 1.8 3.8 5.6#

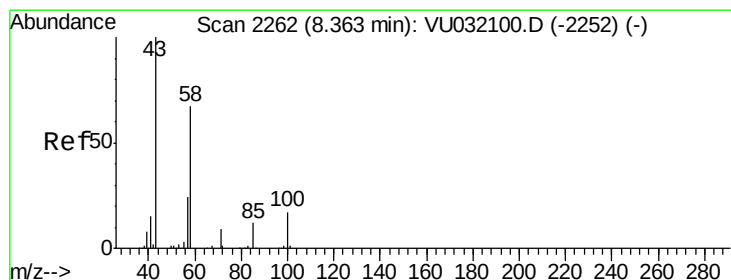
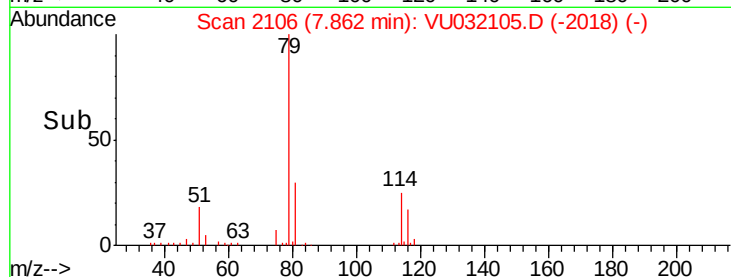
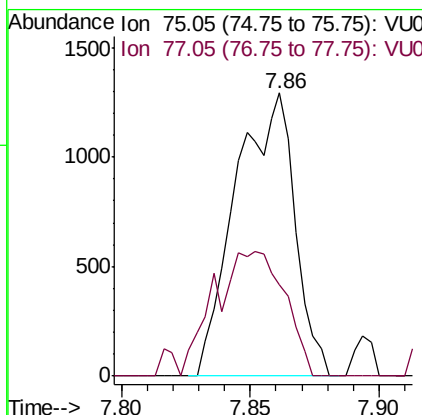
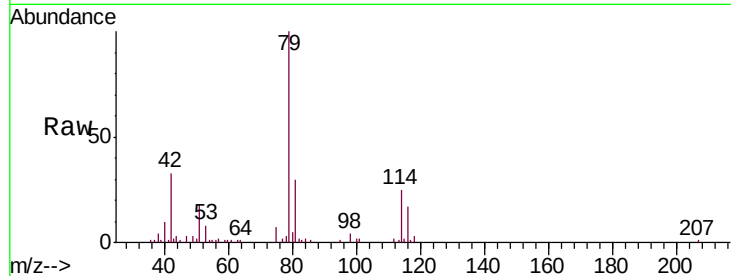




#44
trans-1,3-Dichloropropene
Concen: 0.135 ug/L
RT: 7.86 min Scan# 2106
Delta R.T. -0.02 min
Lab File: VU032105.D
Acq: 17 May 2019 16:57

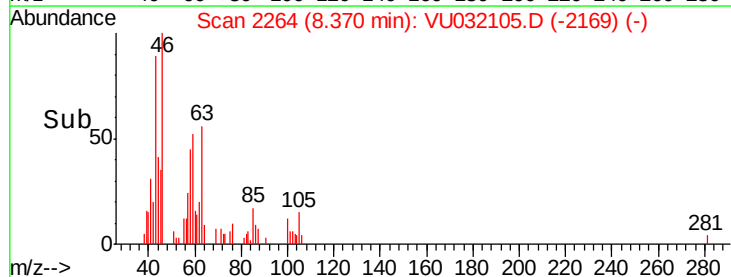
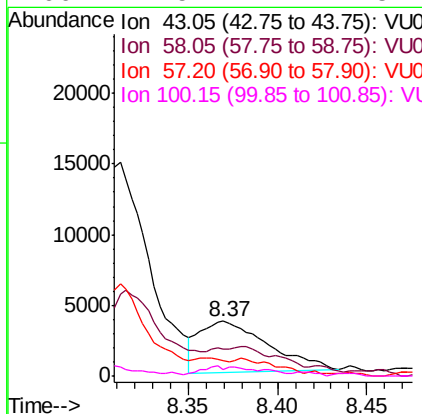
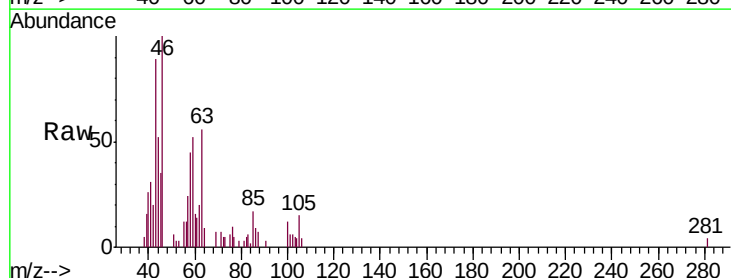
Instrument :
MSVOA_U
ClientSampled :
F9W13

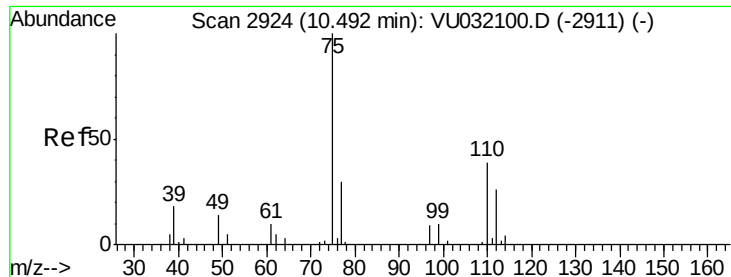
Tgt Ion: 75 Resp: 2068
Ion Ratio Lower Upper
75 100
77 32.4 21.0 39.0



#48
2-Hexanone
Concen: 1.891 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032105.D
Acq: 17 May 2019 16:57

Tgt Ion: 43 Resp: 9690
Ion Ratio Lower Upper
43 100
58 0.0 51.6 77.4#
57 17.3 18.4 27.6#
100 4.5 12.2 18.4#





#59

1,2,3-Trichloropropane

Concen: 1.774 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032105.D

Acq: 17 May 2019 16:57

Instrument :

MSVOA_U

ClientSampleId :

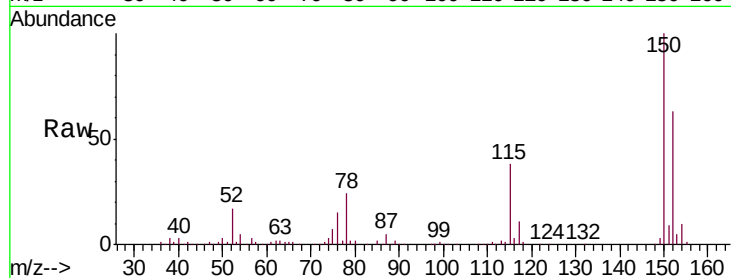
F9W13

Tgt Ion: 75 Resp: 16054

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.2#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

