

Data File : VU033326.D
Acq On : 18 Jul 2019 18:39
Operator : JC/SP
Sample : K3863-14
Misc : 6.62g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52F4

Quant Time: Jul 19 01:49:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071219WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	384005	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	379023	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	200962	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	125842	43.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.58%
7) Chloroethane-d5	1.63	69	90953	36.63	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.26%
11) 1,1-Dichloroethene-d2	2.22	63	218741	41.49	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.98%
21) 2-Butanone-d5	4.16	46	209197	113.58	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.58%
24) Chloroform-d	4.62	84	231053	47.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.86%
26) 1,2-Dichloroethane-d4	5.28	65	154161	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.31	84	495362	53.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.56%
36) 1,2-Dichloropropane-d6	6.31	67	154803	51.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.94%
41) Toluene-d8	7.54	98	451823	51.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.06%
43) trans-1,3-Dichloropropene-	7.83	79	77022	52.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.48%
47) 2-Hexanone-d5	8.31	63	165759	123.45	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.45%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	245785	54.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	109.04%
64) 1,2-Dichlorobenzene-d4	11.85	152	196096	54.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.44%

Target Compounds

						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.22	101	2098	0.801	ug/L #	24
12) 1,1-Dichloroethene	2.22	96	2156	0.841	ug/L #	1
13) Acetone	2.33	43	1741	0.757	ug/L	83
15) Methyl Acetate	2.61	43	8595	2.860	ug/L #	83
25) Chloroform	4.64	83	3298	0.609	ug/L	94
30) 1,1,1-Trichloroethane	4.88	97	13159	2.976	ug/L	99
35) Methylcyclohexane	6.31	83	35974	8.124	ug/L #	20
37) 1,2-Dichloropropane	6.31	63	16813	5.609	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4743	1.032	ug/L #	69
44) trans-1,3-Dichloropropene	7.84	75	3744	0.903	ug/L #	83
46) Tetrachloroethene	8.21	164	1921	0.858	ug/L	92
49) Dibromochloromethane	8.21	129	1662	0.526	ug/L #	11
59) 1,2,3-Trichloropropane	11.47	75	23360	5.986	ug/L #	87

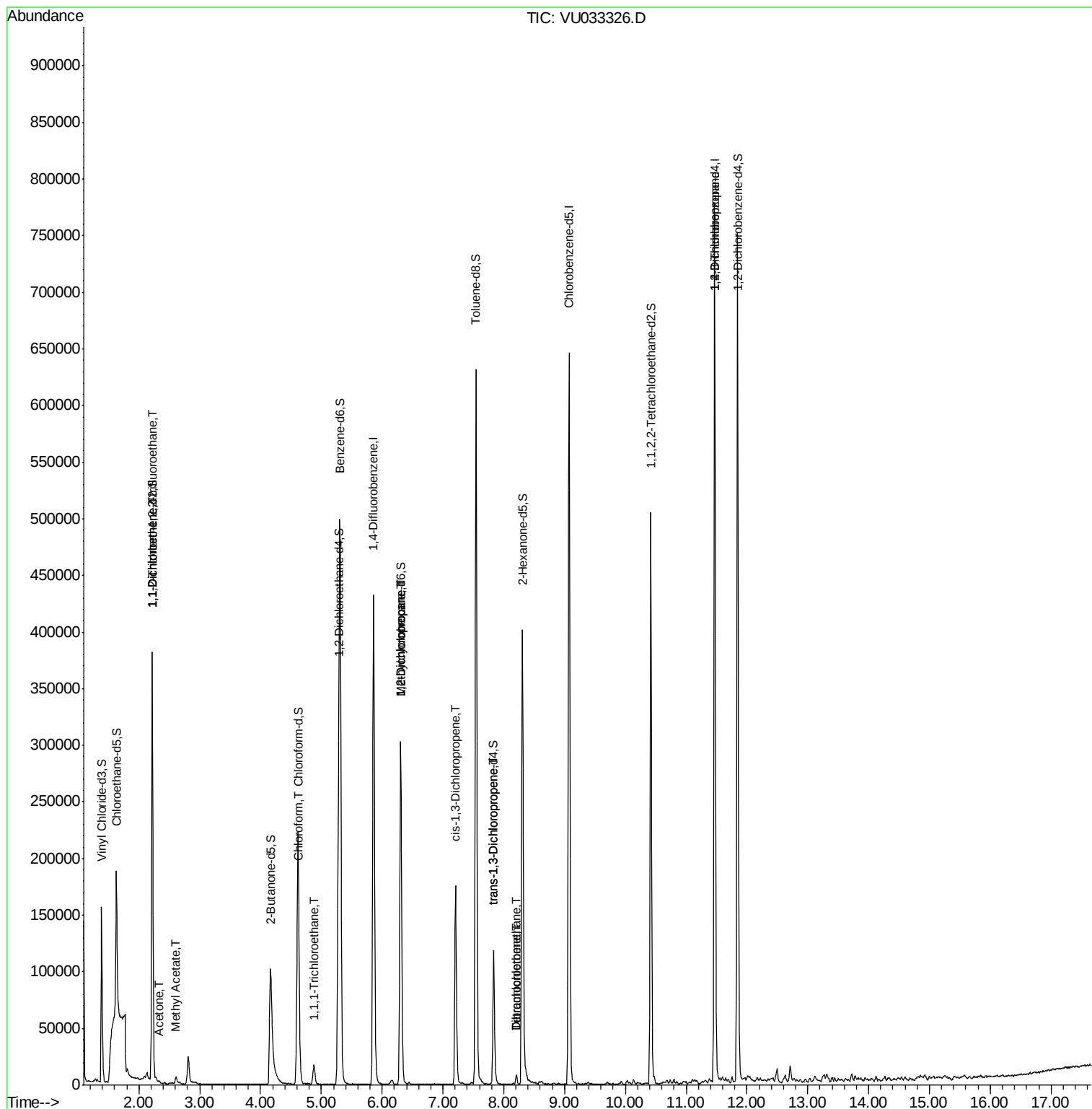
(#) = qualifier out of range (m) = manual integration (+) = signals summed

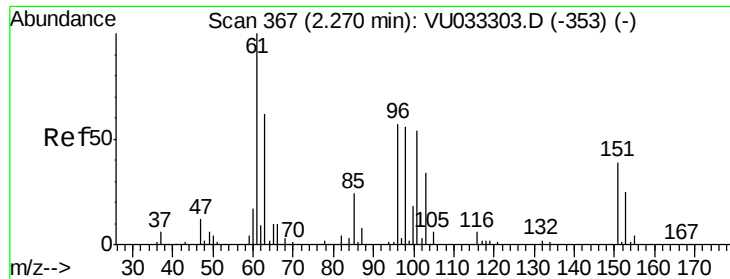
Data File : VU033326.D

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ALS Vial    : 27   Sample Multiplier: 1
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Quant Title : VOC Analysis
QLast Update : Fri Jul 19 01:43:14 2019
Response via : Initial Calibration





#10

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

Concen: 0.801 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033326.D

Acq: 18 Jul 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

A52F4

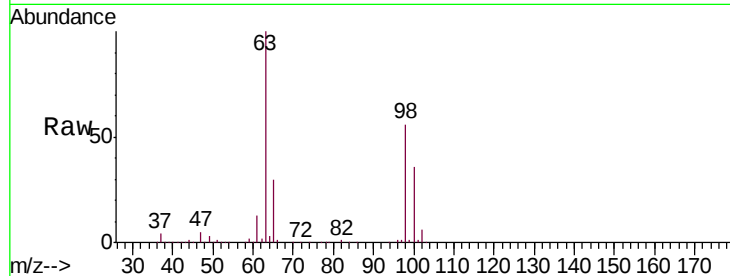
Tgt Ion: 101 Resp: 2098

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

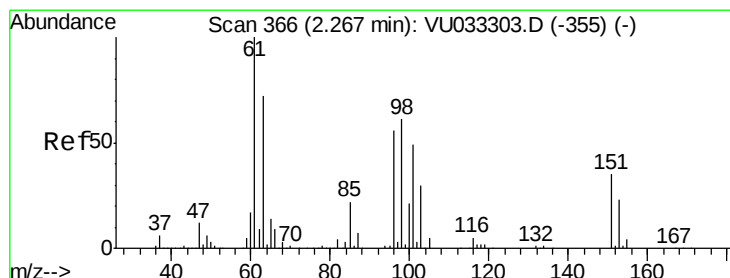
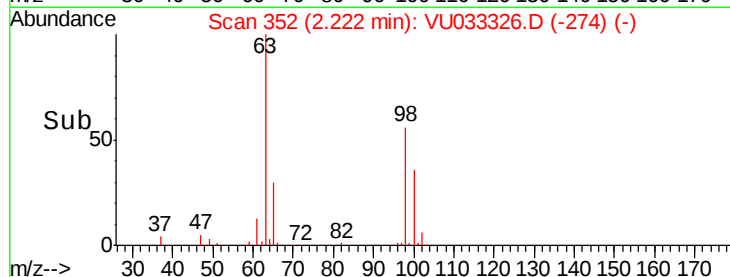
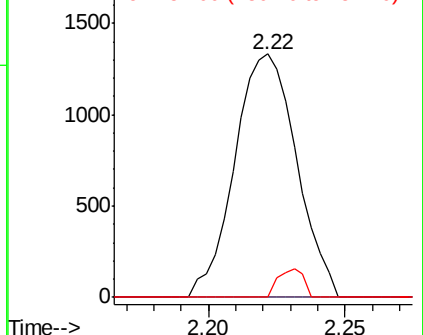
151 4.8 56.7 85.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.841 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.05 min

Lab File: VU033326.D

Acq: 18 Jul 2019 18:39

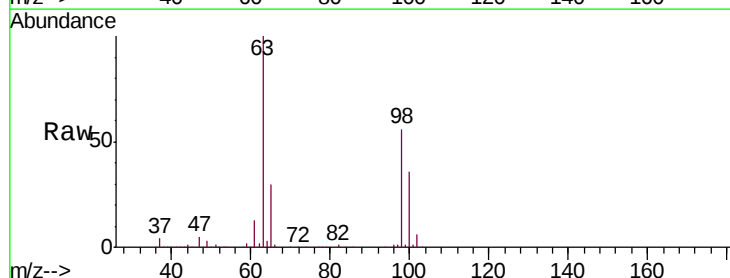
Tgt Ion: 96 Resp: 2156

Ion Ratio Lower Upper

96 100

61 1385.5 126.1 234.1#

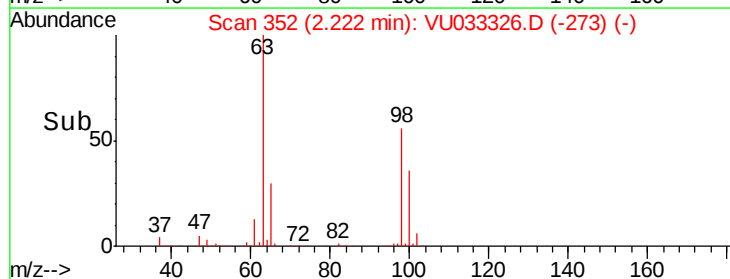
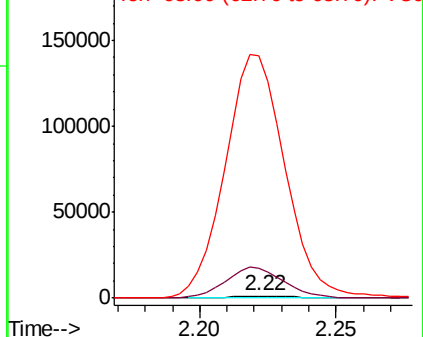
63 11018.6 96.8 179.8#

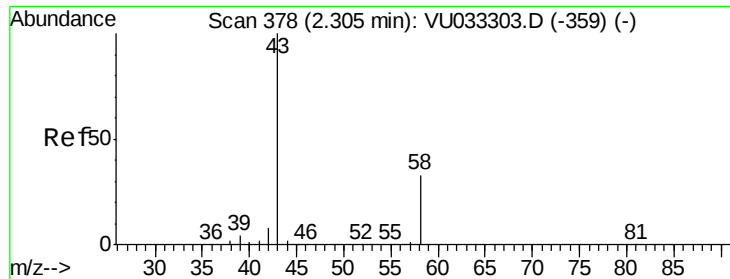


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.757 ug/L

RT: 2.33 min Scan# 386

Delta R.T. 0.03 min

Lab File: VU033326.D

Acq: 18 Jul 2019 18:39

Instrument :

MSVOA_U

ClientSampled :

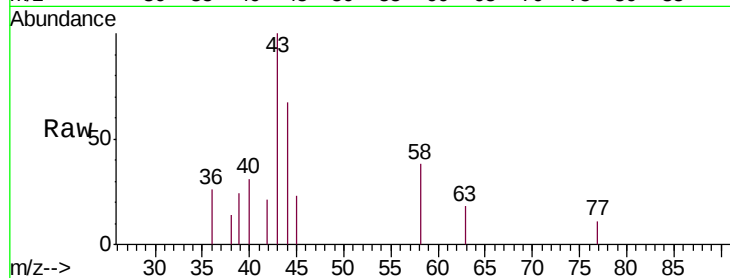
A52F4

Tgt Ion: 43 Resp: 1741

Ion Ratio Lower Upper

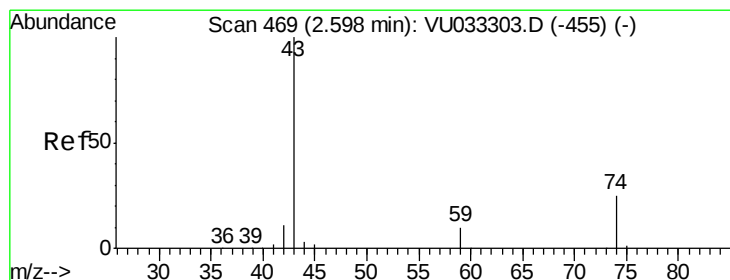
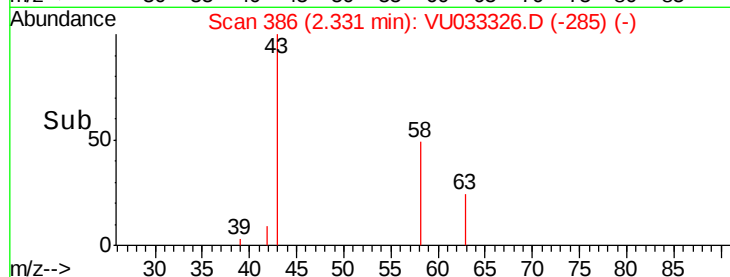
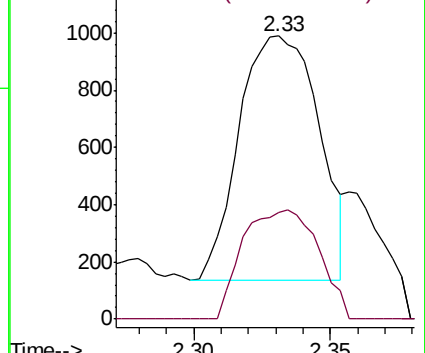
43 100

58 42.2 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#15

Methyl Acetate

Concen: 2.860 ug/L

RT: 2.61 min Scan# 472

Delta R.T. 0.01 min

Lab File: VU033326.D

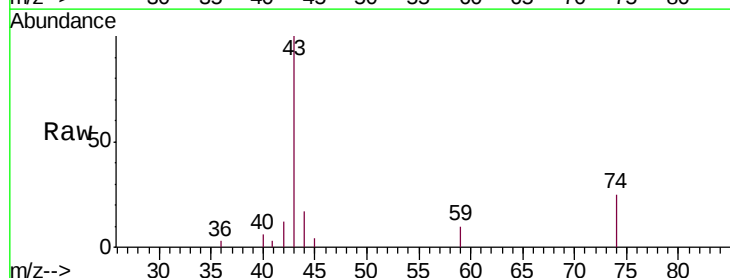
Acq: 18 Jul 2019 18:39

Tgt Ion: 43 Resp: 8595

Ion Ratio Lower Upper

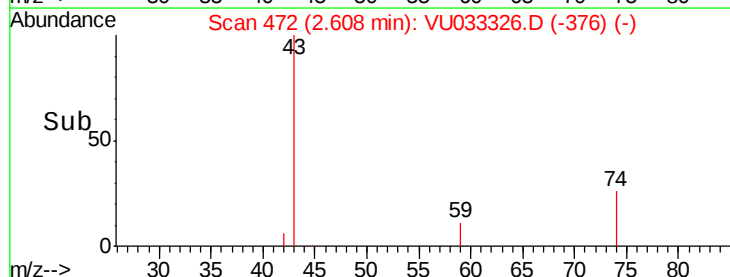
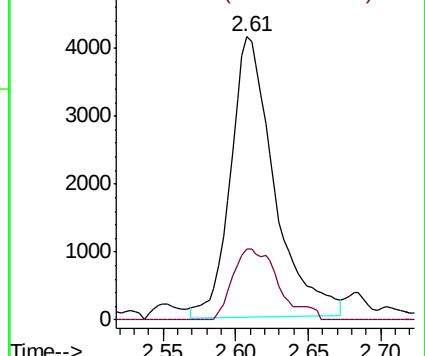
43 100

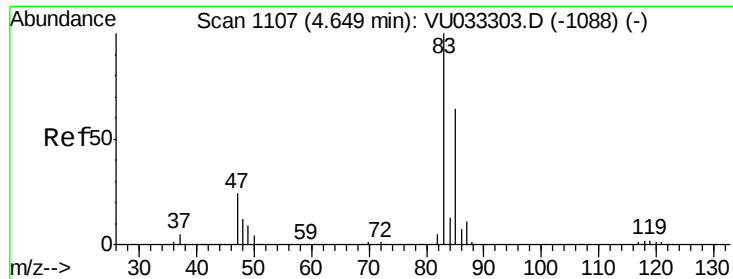
74 16.2 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 74.00 (73.70 to 74.70): VU0

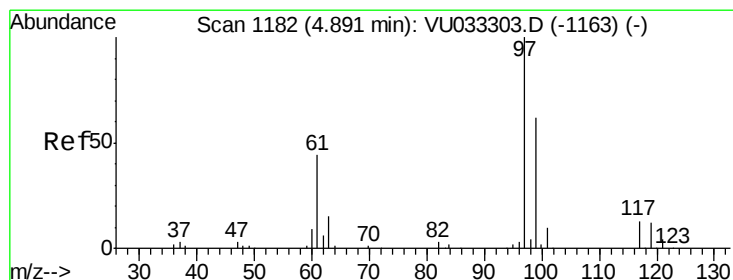
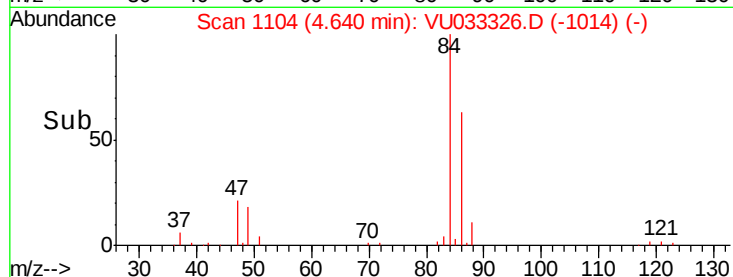
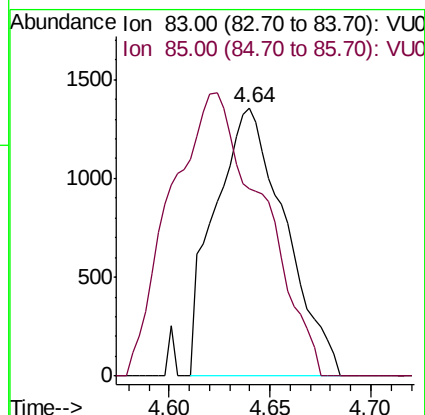
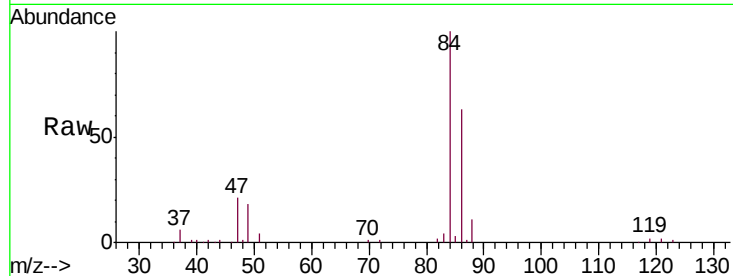




#25
Chloroform
Concen: 0.609 ug/L
RT: 4.64 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

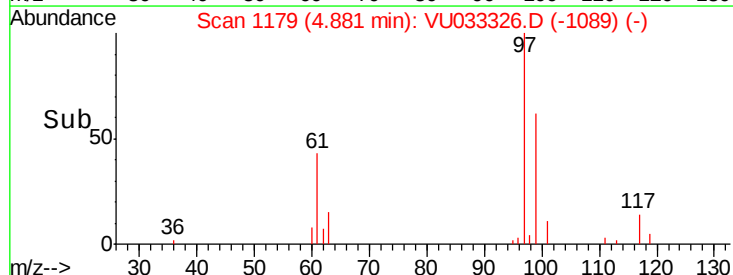
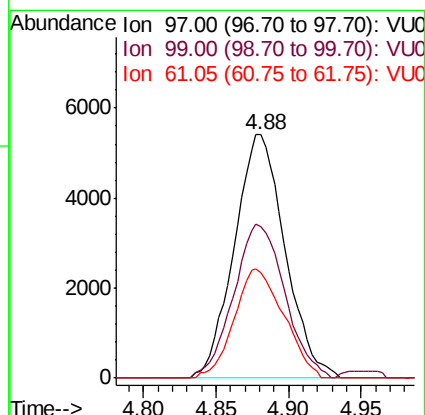
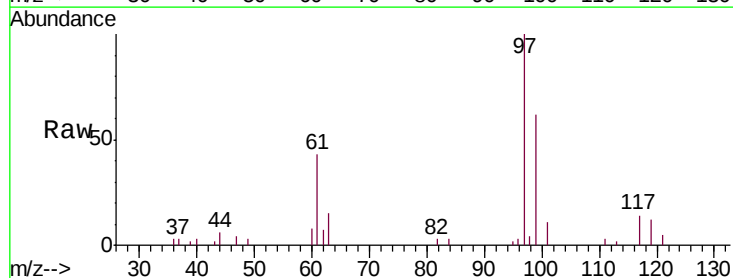
Instrument :
MSVOA_U
ClientSampleId :
A52F4

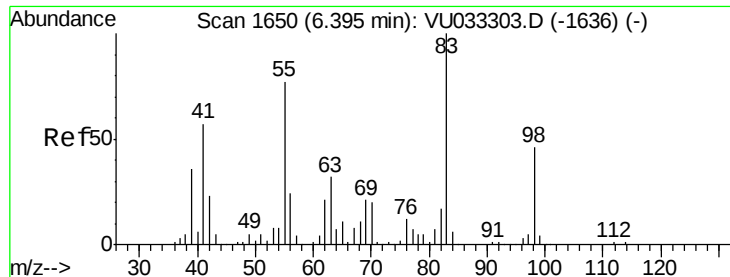
Tgt Ion: 83 Resp: 3298
Ion Ratio Lower Upper
83 100
85 69.9 45.4 84.4



#30
1,1,1-Trichloroethane
Concen: 2.976 ug/L
RT: 4.88 min Scan# 1179
Delta R.T. -0.01 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

Tgt Ion: 97 Resp: 13159
Ion Ratio Lower Upper
97 100
99 64.0 51.5 77.3
61 43.7 36.4 54.6

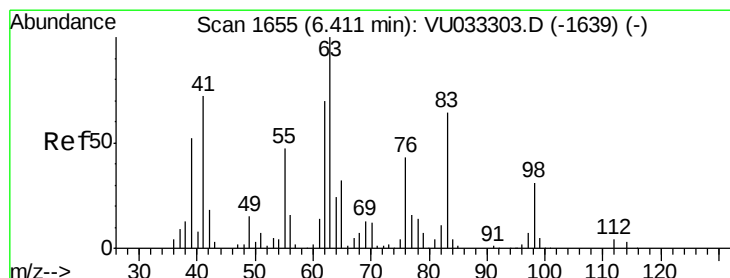
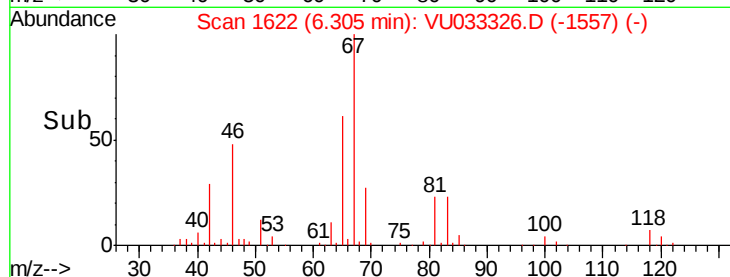
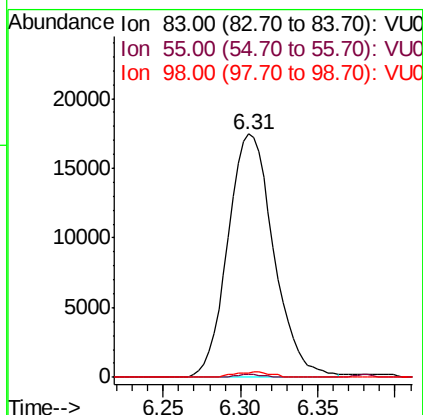
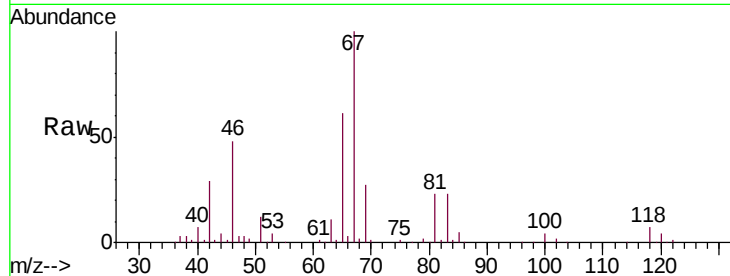




#35
Methylcyclohexane
Concen: 8.124 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.09 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

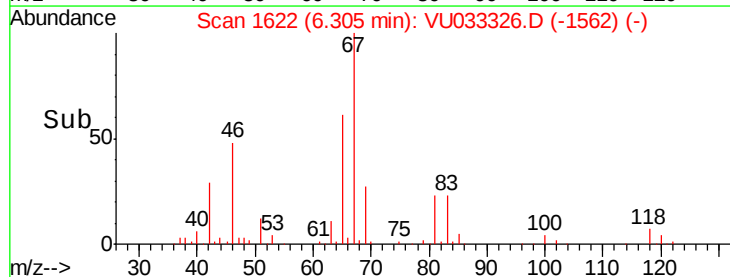
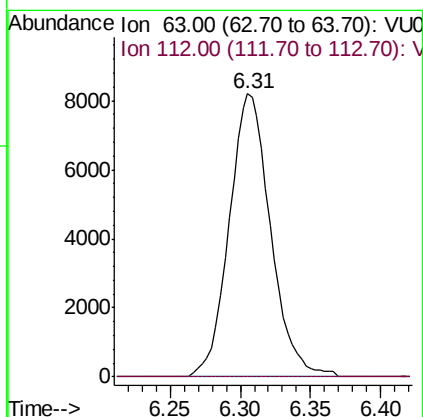
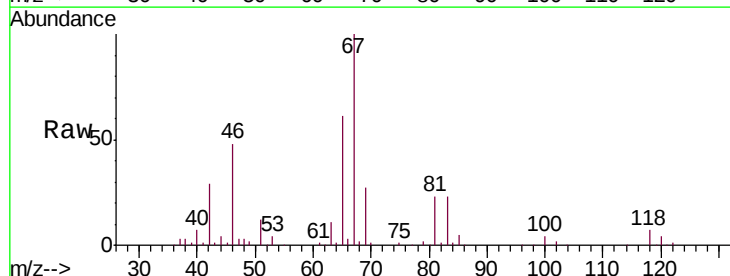
Instrument :
MSVOA_U
ClientSampleId :
A52F4

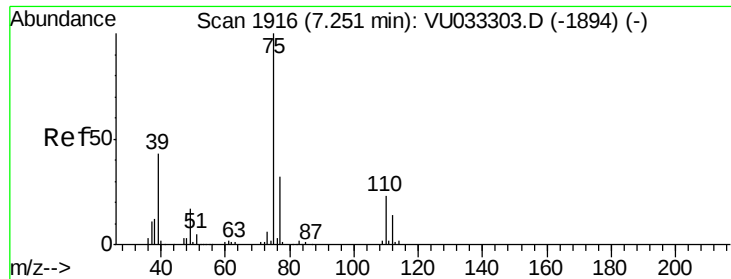
Tgt Ion: 83 Resp: 35974
Ion Ratio Lower Upper
83 100
55 0.7 60.5 90.7#
98 1.6 37.4 56.0#



#37
1,2-Dichloropropane
Concen: 5.609 ug/L
RT: 6.31 min Scan# 1622
Delta R.T. -0.11 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

Tgt Ion: 63 Resp: 16813
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



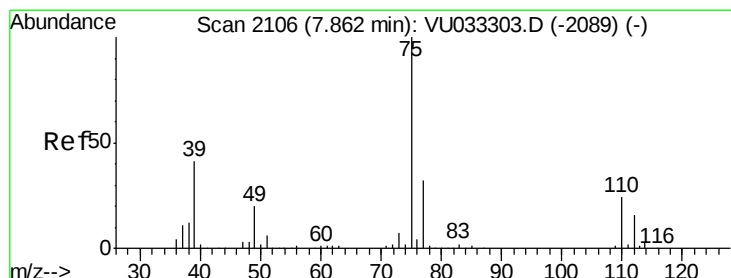
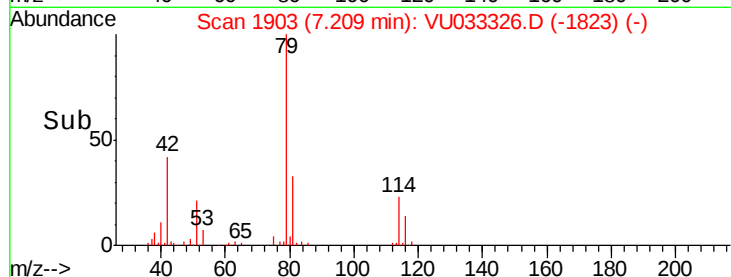
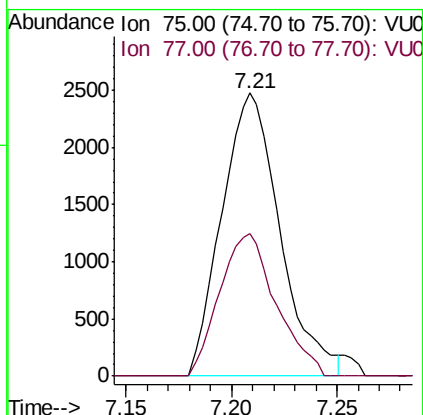
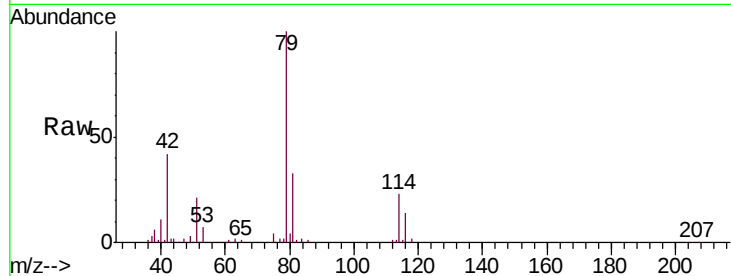


#39

cis-1,3-Dichloropropene
Concen: 1.032 ug/L
RT: 7.21 min Scan# 1903
Delta R.T. -0.04 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

Instrument :
MSVOA_U
ClientSampled :
A52F4

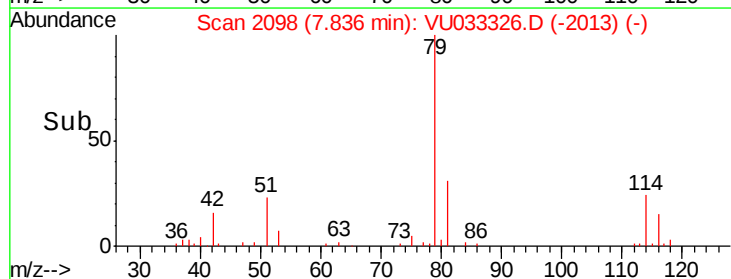
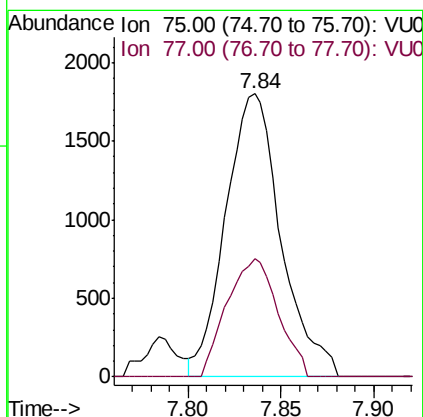
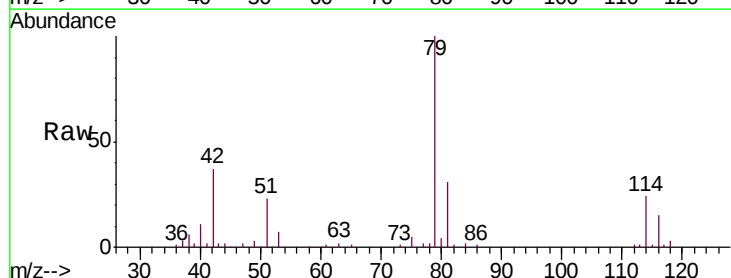
Tgt Ion: 75 Resp: 4743
Ion Ratio Lower Upper
75 100
77 50.3 23.1 42.9#

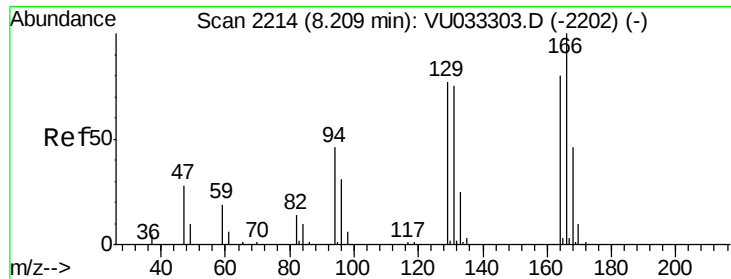


#44

trans-1,3-Dichloropropene
Concen: 0.903 ug/L
RT: 7.84 min Scan# 2098
Delta R.T. -0.03 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

Tgt Ion: 75 Resp: 3744
Ion Ratio Lower Upper
75 100
77 41.7 22.4 41.6#

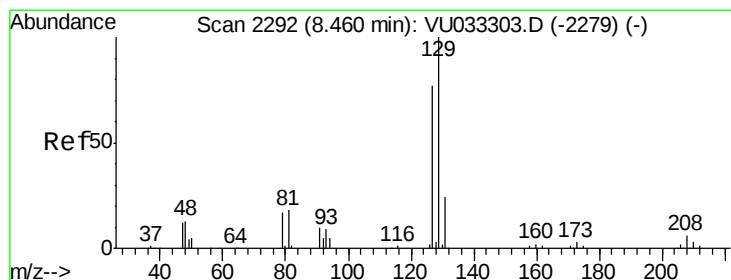
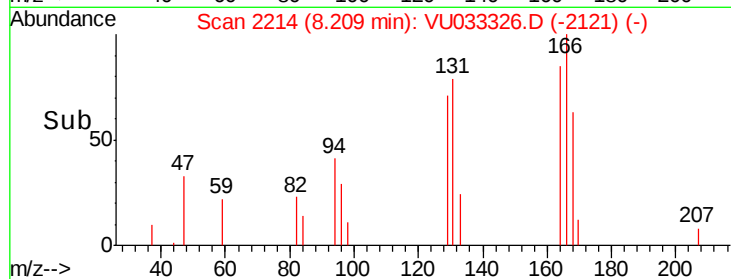
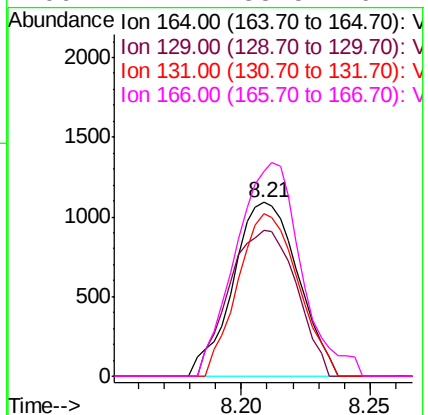
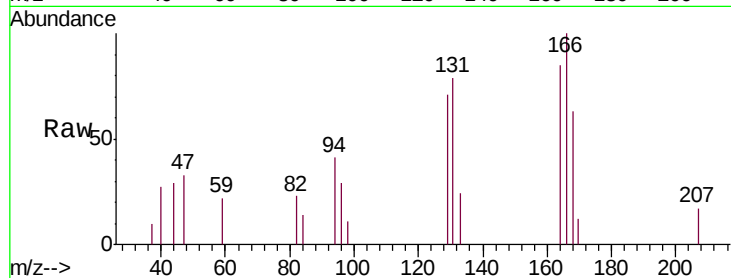




#46
Tetrachloroethene
Concen: 0.858 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

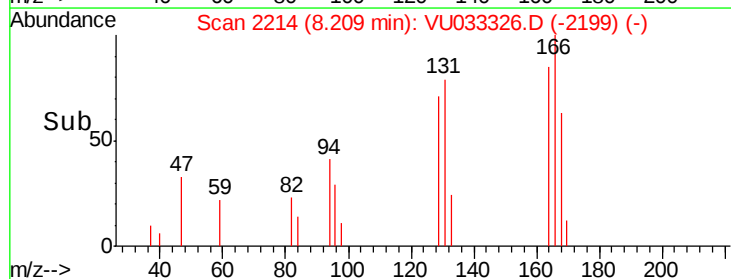
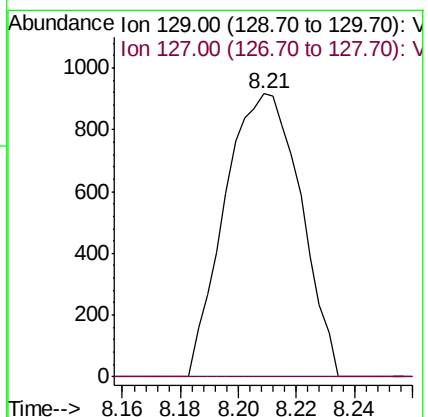
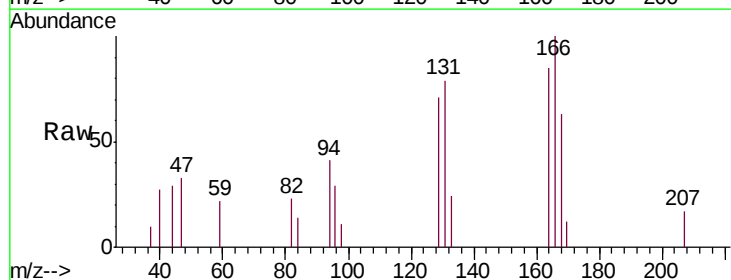
Instrument :
MSVOA_U
ClientSampleId :
A52F4

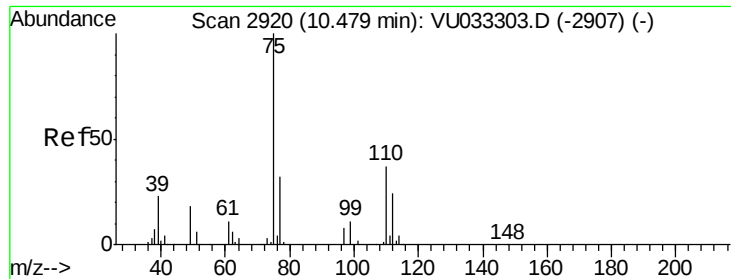
Tgt Ion:	164	Resp:	1921
Ion	Ratio	Lower	Upper
164	100		
129	84.1	69.6	129.2
131	93.5	65.7	122.1
166	117.7	88.5	164.4



#49
Dibromochloromethane
Concen: 0.526 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU033326.D
Acq: 18 Jul 2019 18:39

Tgt Ion:	129	Resp:	1662
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#59

1,2,3-Trichloropropane

Concen: 5.986 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033326.D

Acq: 18 Jul 2019 18:39

Instrument :

MSVOA_U

ClientSampleId :

A52F4

Tgt Ion: 75 Resp: 23360

Ion Ratio Lower Upper

75 100

77 39.7 26.0 39.0#

