

Data File : VU032253.D
Acq On : 23 May 2019 04:43
Operator : JC/SP
Sample : K3001-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E3YF3

Quant Time: May 23 07:25:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 23 07:22:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	361127	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	373676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	151171	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111484	5.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.00%
7) Chloroethane-d5	1.68	69	93838	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.27	63	165172	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.20	46	238143	41.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.26%
24) Chloroform-d	4.64	84	220604	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.31	65	108517	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
32) Benzene-d6	5.33	84	447345	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.33	67	131153	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.56	98	378192	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.85	79	41012	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.31	63	203884	40.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.84%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	103112	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	60.20%#
64) 1,2-Dichlorobenzene-d4	11.86	152	139193	3.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	66.80%#

Target Compounds

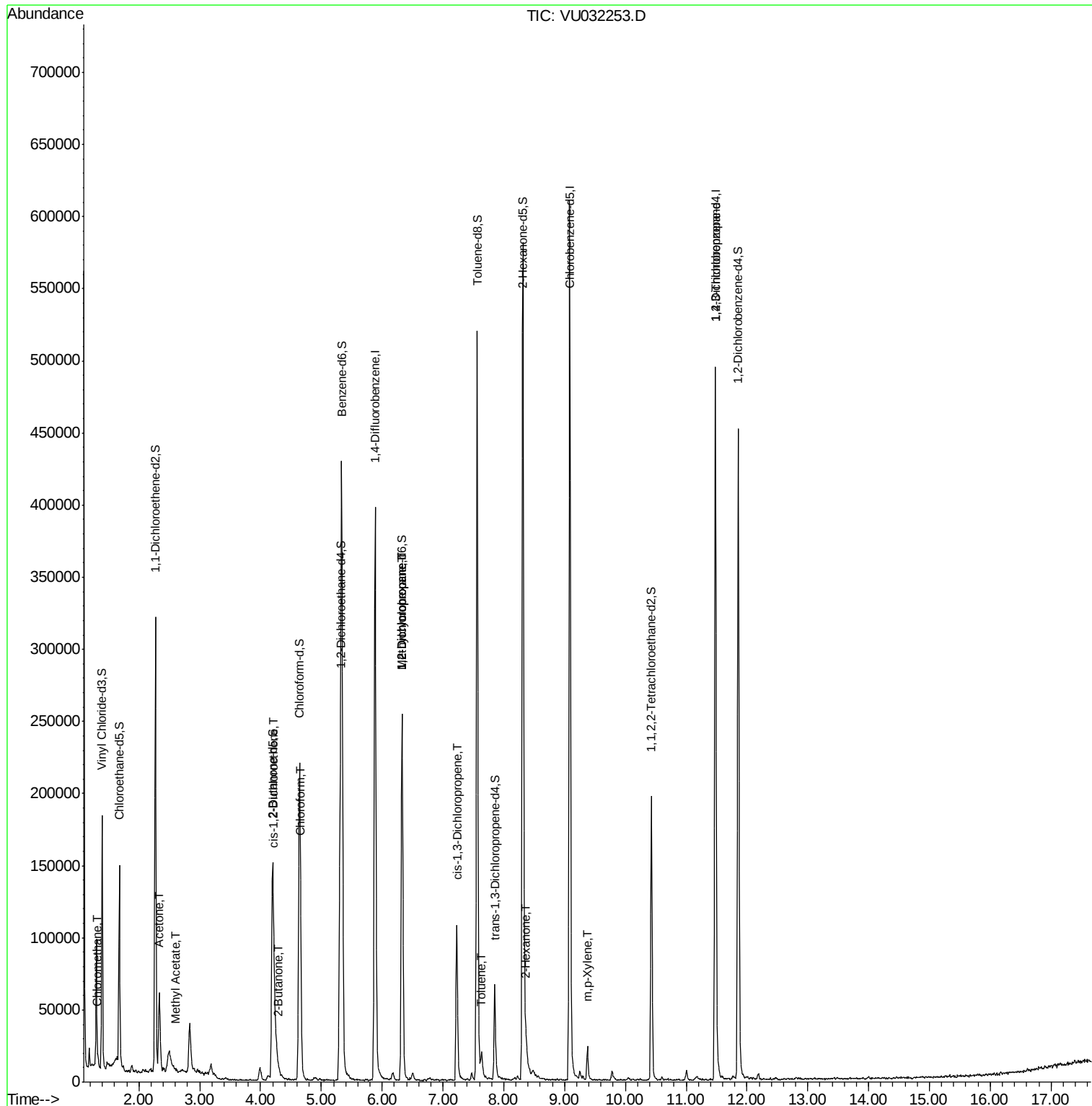
					Qvalue
3) Chloromethane	1.32	50	3830	0.247 ug/L	88
13) Acetone	2.33	43	52152	29.424 ug/L	100
15) Methyl Acetate	2.62	43	2042	0.393 ug/L #	62
21) 2-Butanone	4.30	43	5406	2.022 ug/L	81
22) cis-1,2-Dichloroethene	4.22	96	3887	0.289 ug/L	79
25) Chloroform	4.67	83	9000	0.391 ug/L #	68
35) Methylcyclohexane	6.33	83	31658	1.584 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	13276	1.091 ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	2809	0.162 ug/L #	80
42) Toluene	7.64	91	13787	0.257 ug/L	99
48) 2-Hexanone	8.37	43	7631	1.617 ug/L #	48
53) m,p-Xylene	9.37	106	7213	0.359 ug/L	70
59) 1,2,3-Trichloropropane	11.48	75	15650	1.975 ug/L	98

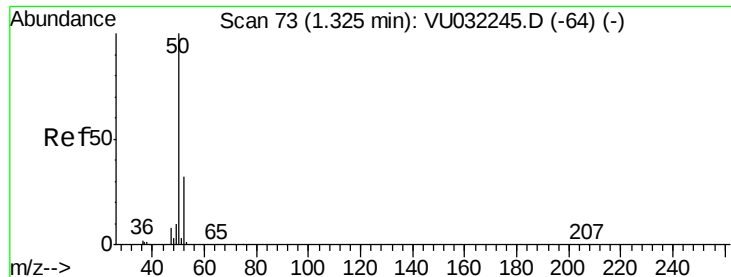
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.247 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU032253.D

Acq: 23 May 2019 04:43

Instrument :

MSVOA_U

ClientSampleId :

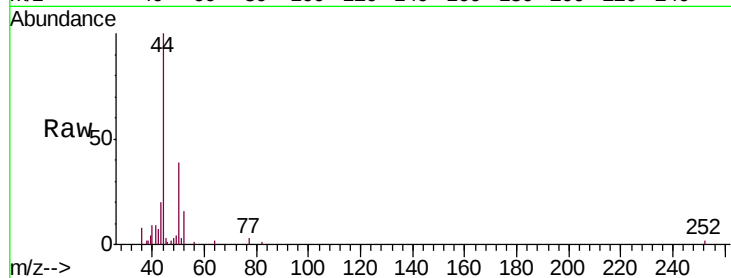
E3YF3

Tgt Ion: 50 Resp: 3830

Ion Ratio Lower Upper

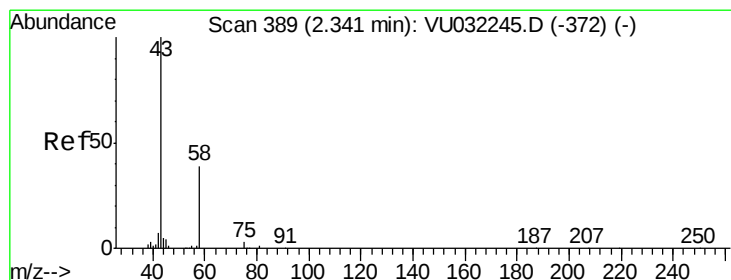
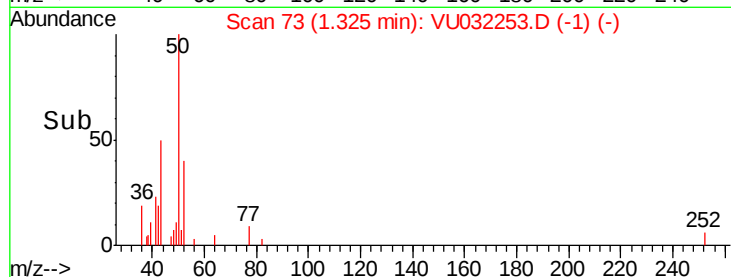
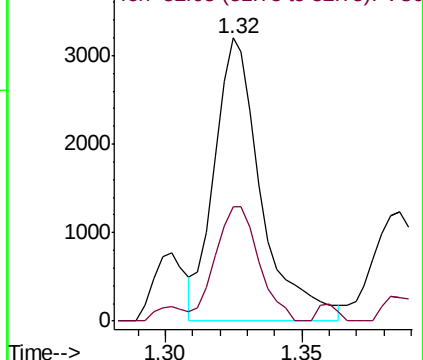
50 100

52 40.2 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: 29.424 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU032253.D

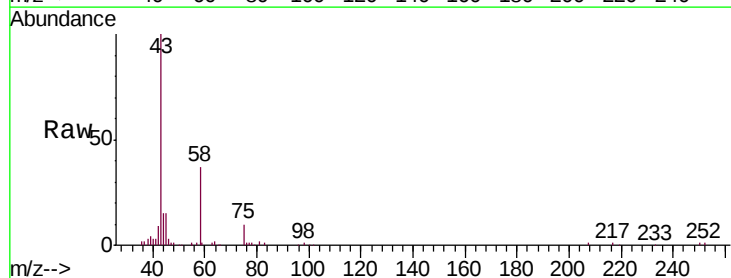
Acq: 23 May 2019 04:43

Tgt Ion: 43 Resp: 52152

Ion Ratio Lower Upper

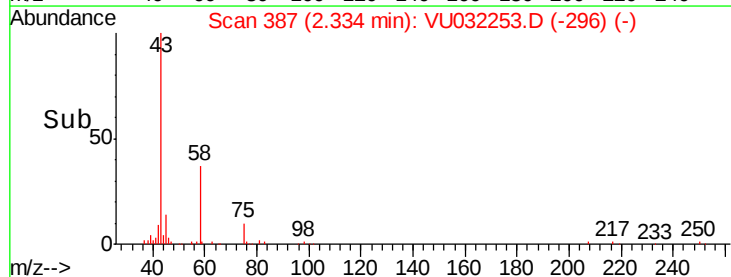
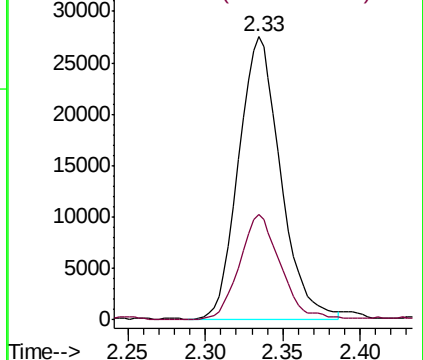
43 100

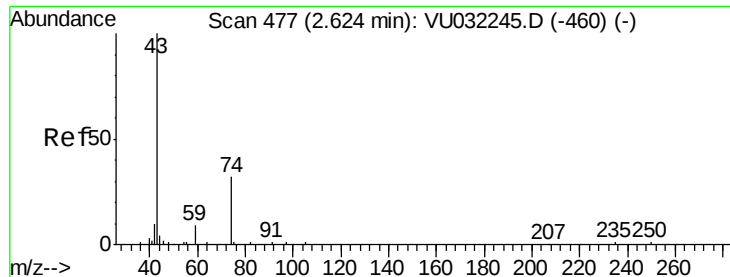
58 36.3 0.0 72.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

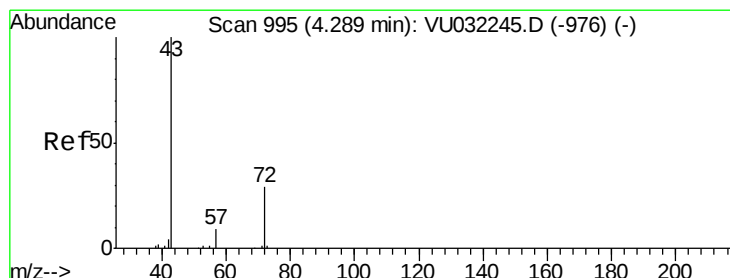
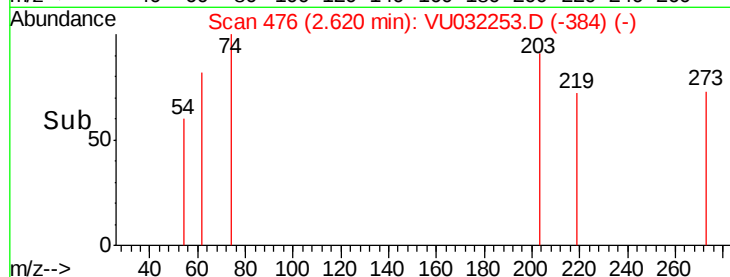
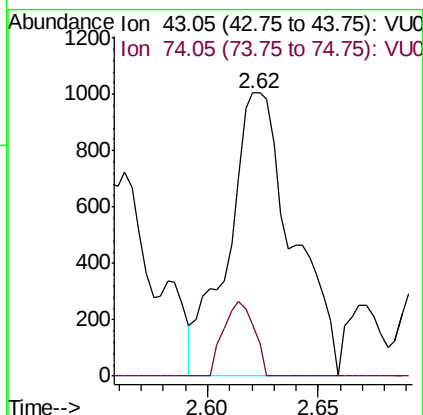
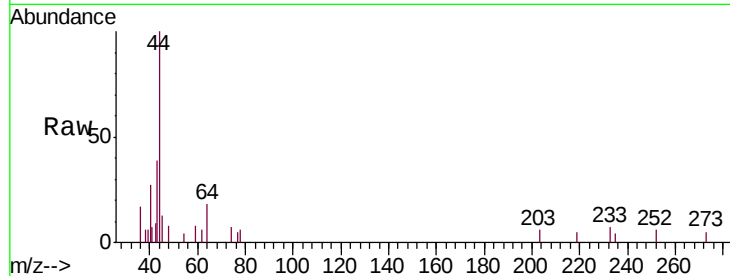




#15
Methyl Acetate
Concen: 0.393 ug/L
RT: 2.62 min Scan# 476
Delta R.T. -0.00 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

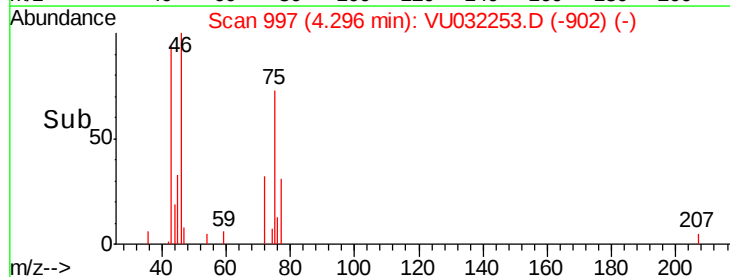
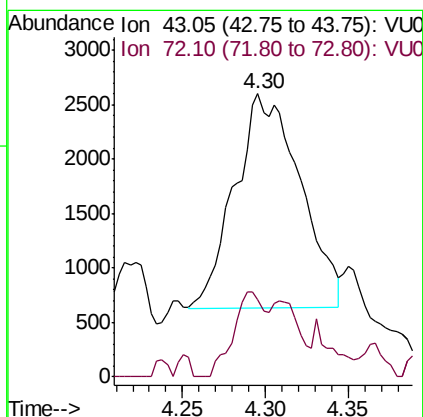
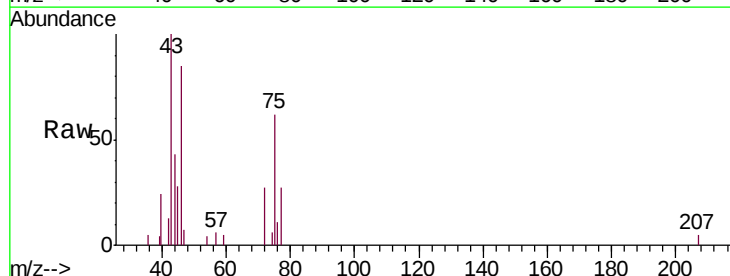
Instrument :
MSVOA_U
ClientSampleID :
E3YF3

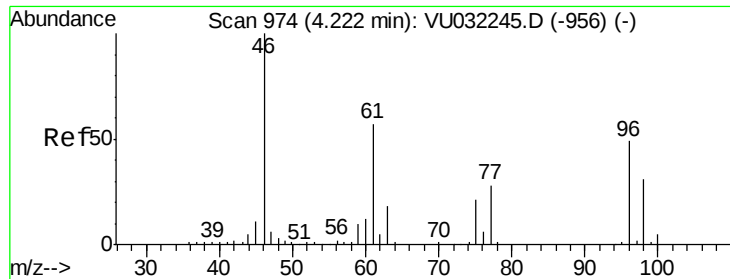
Tgt Ion: 43 Resp: 2042
Ion Ratio Lower Upper
43 100
74 12.4 27.3 40.9#



#21
2-Butanone
Concen: 2.022 ug/L
RT: 4.30 min Scan# 997
Delta R.T. 0.01 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

Tgt Ion: 43 Resp: 5406
Ion Ratio Lower Upper
43 100
72 19.8 15.2 45.6



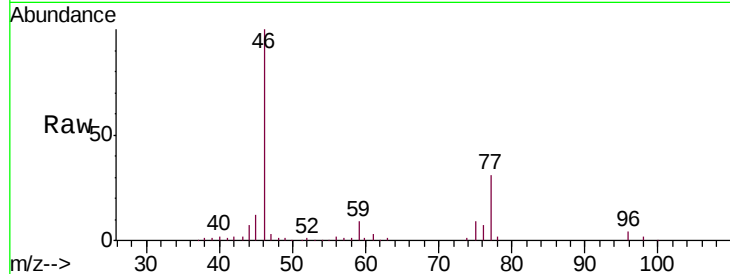


#22

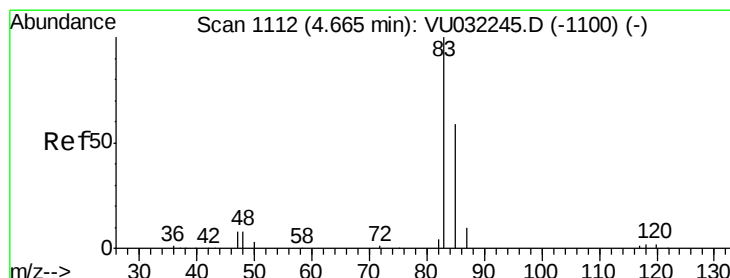
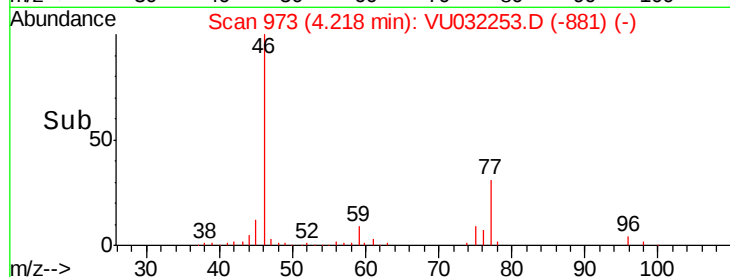
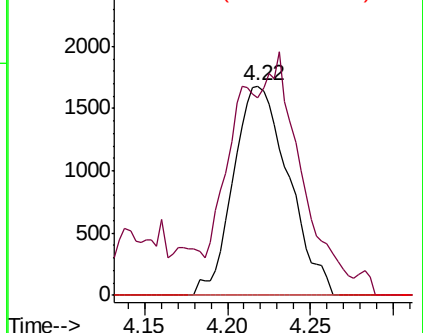
cis-1,2-Dichloroethene
 Concen: 0.289 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU032253.D
 Acq: 23 May 2019 04:43

Instrument :
 MSVOA_U
 ClientSampleId :
 E3YF3

Tgt Ion: 96 Resp: 3887
 Ion Ratio Lower Upper
 96 100
 61 94.5 82.5 153.1
 68 0.0 0.0 0.0



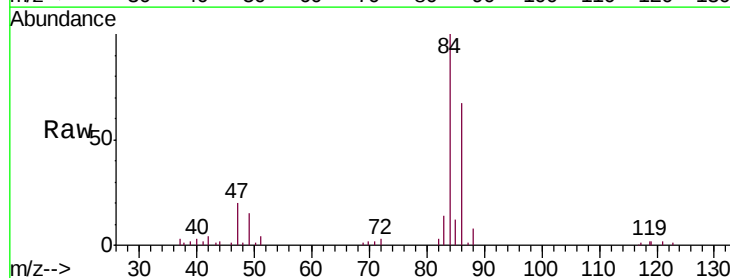
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



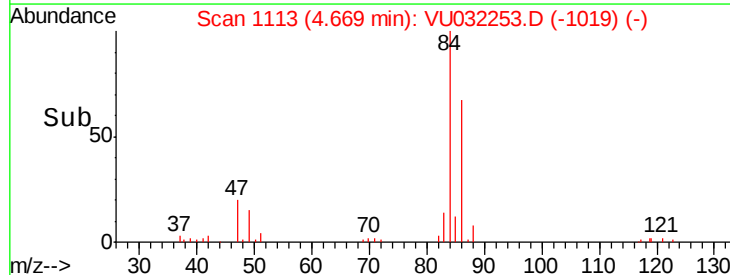
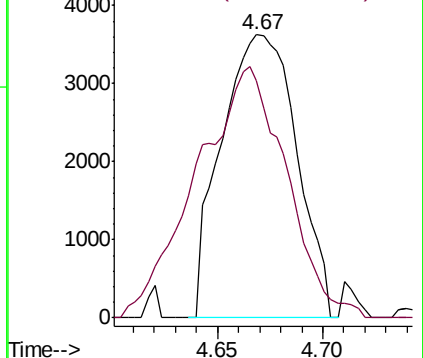
#25

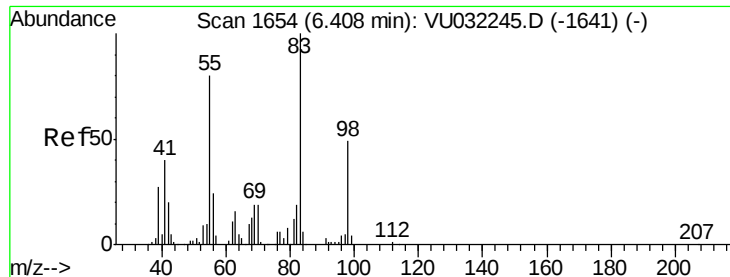
Chloroform
 Concen: 0.391 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU032253.D
 Acq: 23 May 2019 04:43

Tgt Ion: 83 Resp: 9000
 Ion Ratio Lower Upper
 83 100
 85 83.7 41.6 77.3#



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0

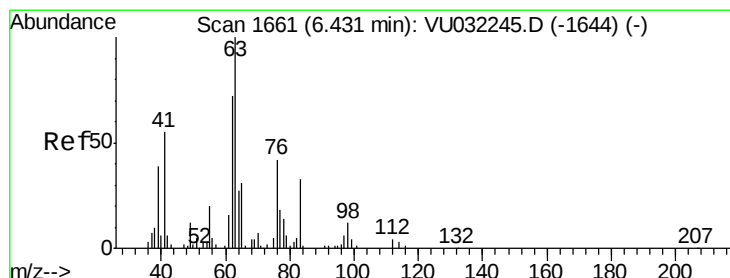
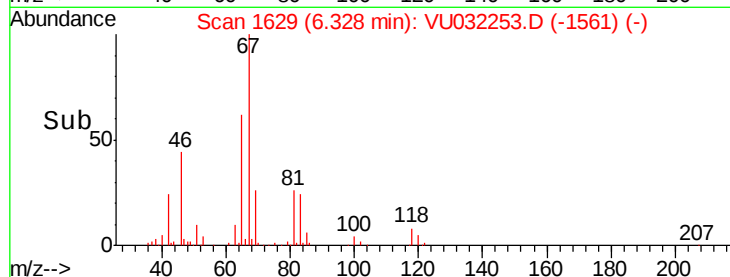
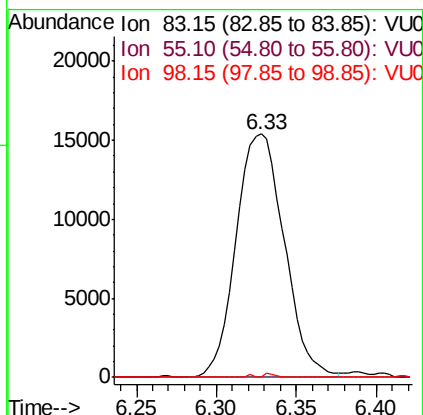
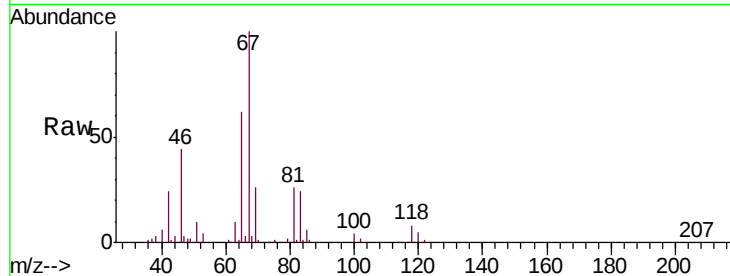




#35
Methylcyclohexane
Concen: 1.584 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

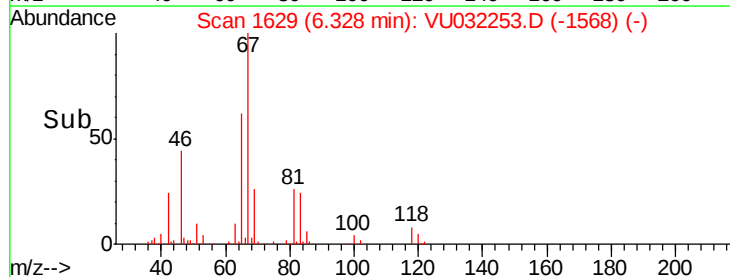
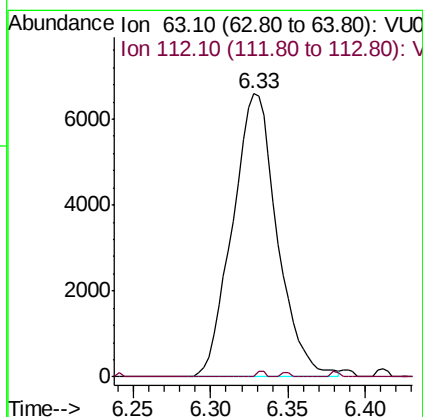
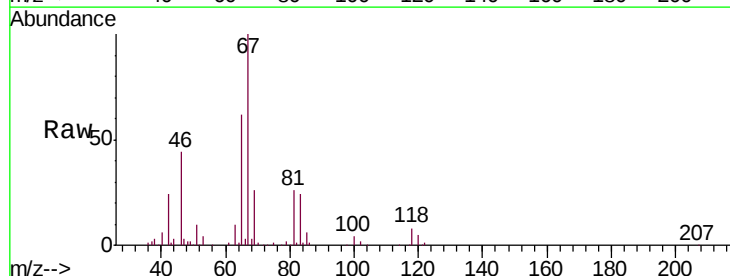
Instrument :
MSVOA_U
ClientSampleId :
E3YF3

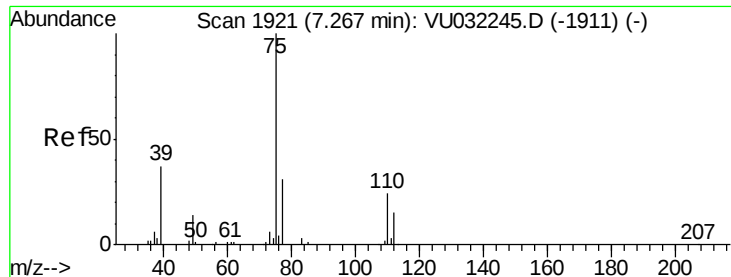
Tgt Ion: 83 Resp: 31658
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 0.3 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 1.091 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

Tgt Ion: 63 Resp: 13276
Ion Ratio Lower Upper
63 100
112 0.4 3.8 5.8#



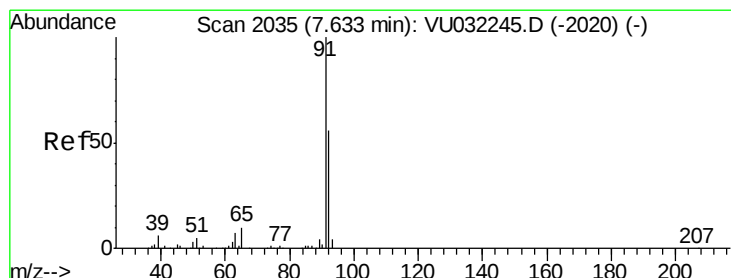
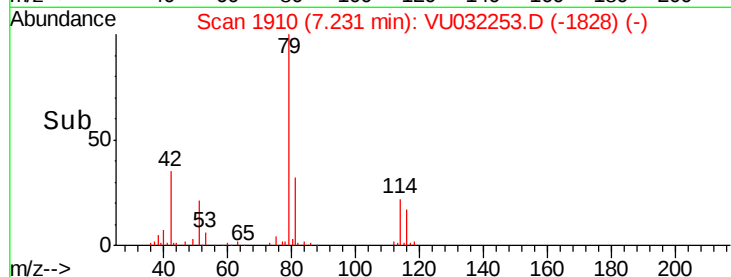
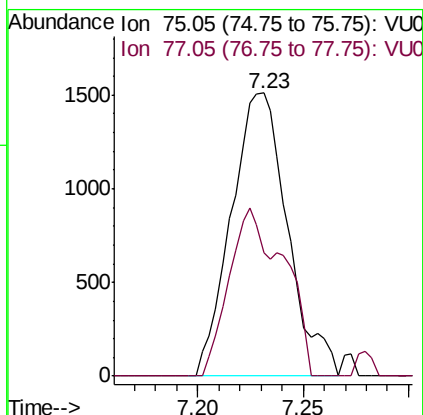
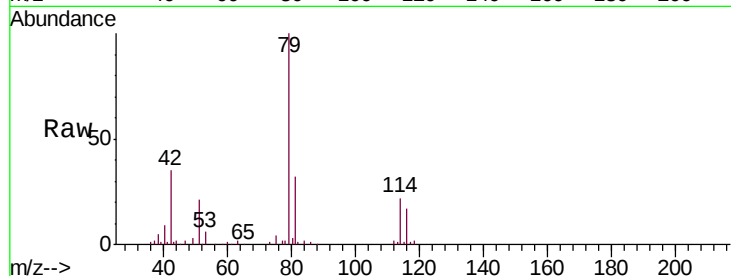


#39

cis-1,3-Dichloropropene
 Concen: 0.162 ug/L
 RT: 7.23 min Scan# 1910
 Delta R.T. -0.04 min
 Lab File: VU032253.D
 Acq: 23 May 2019 04:43

Instrument :
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 ClientSampleId :
 E3YF3

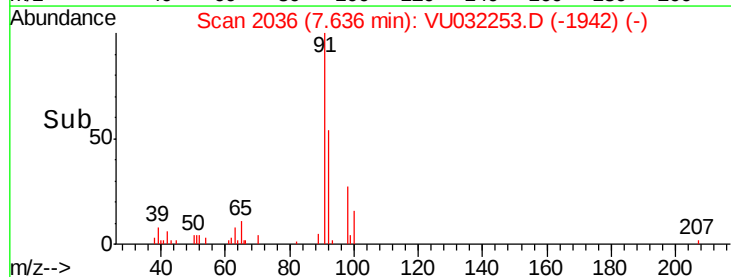
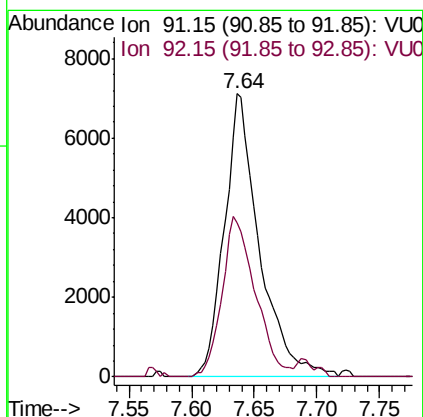
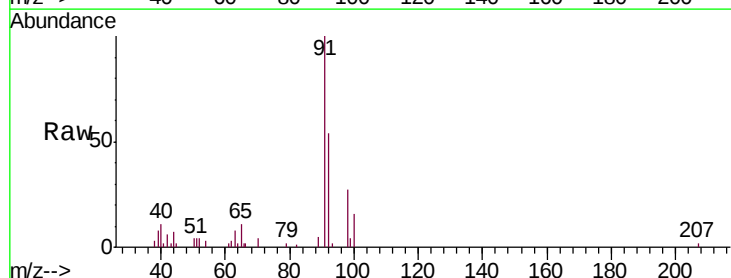
Tgt Ion: 75 Resp: 2809
 Ion Ratio Lower Upper
 75 100
 77 43.7 22.6 42.0#

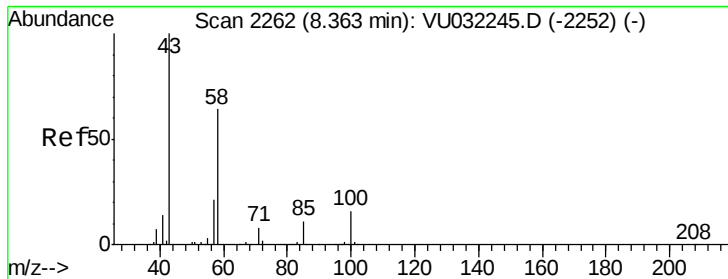


#42

Toluene
 Concen: 0.257 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VU032253.D
 Acq: 23 May 2019 04:43

Tgt Ion: 91 Resp: 13787
 Ion Ratio Lower Upper
 91 100
 92 54.4 38.5 71.5

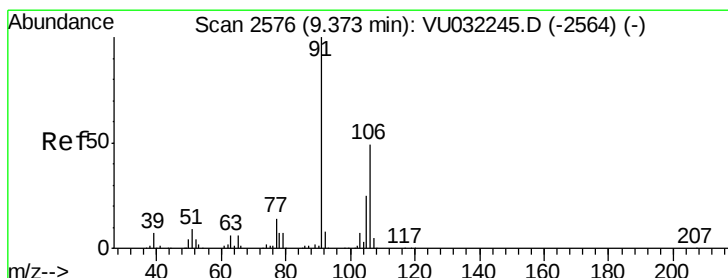
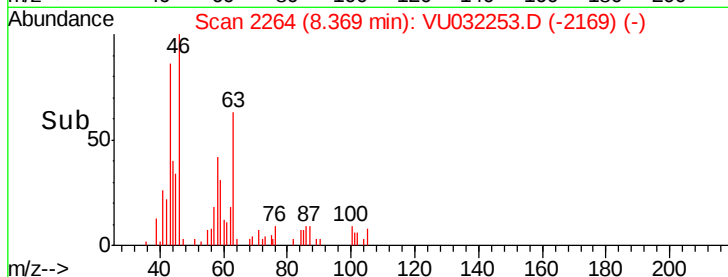
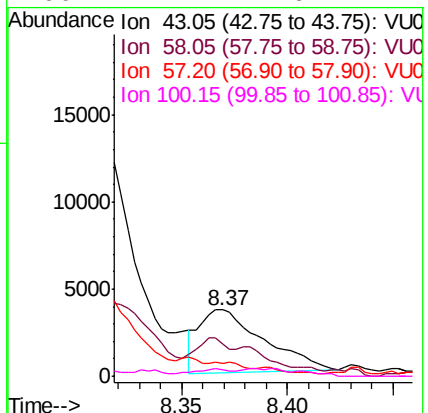
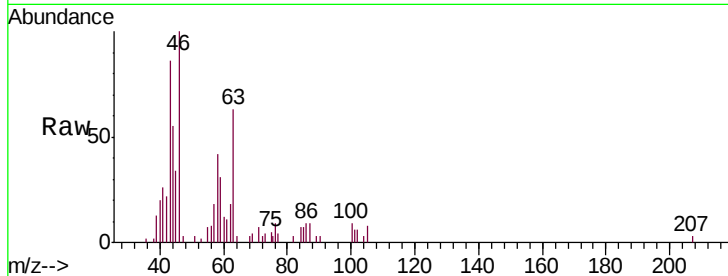




#48
2-Hexanone
Concen: 1.617 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

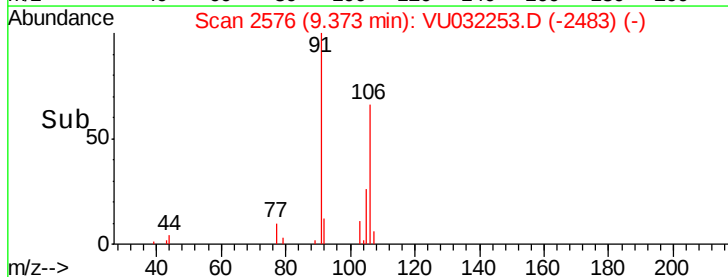
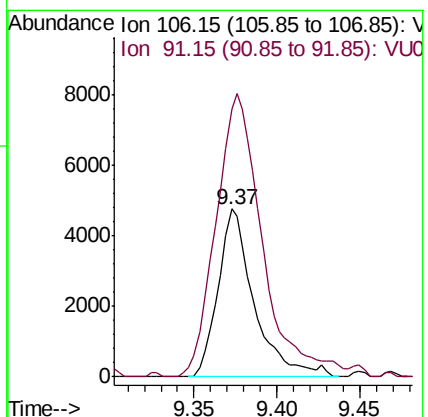
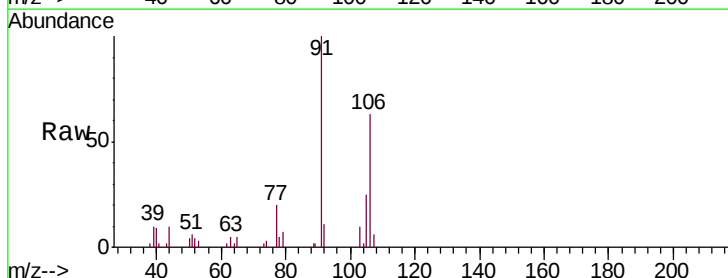
Instrument :
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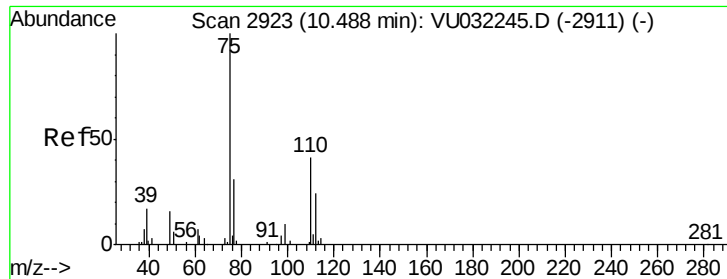
Tgt Ion: 43 Resp: 7631
Ion Ratio Lower Upper
43 100
58 13.8 49.7 74.5#
57 0.0 17.1 25.7#
100 7.1 11.6 17.4#



#53
m,p-Xylene
Concen: 0.359 ug/L
RT: 9.37 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VU032253.D
Acq: 23 May 2019 04:43

Tgt Ion: 106 Resp: 7213
Ion Ratio Lower Upper
106 100
91 159.4 143.9 267.2





#59

1,2,3-Trichloropropane

Concen: 1.975 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032253.D

Acq: 23 May 2019 04:43

Instrument :

MSVOA_U

ClientSampleId :

E3YF3

Tgt Ion: 75 Resp: 15650

Ion Ratio Lower Upper

75 100

77 36.6 28.2 42.4

