

Data File : VU034629.D
Acq On : 17 Sep 2019 21:17
Operator : JC/SP
Sample : K4865-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COMKO

Quant Time: Sep 18 08:08:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 08:05:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	103329	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	96911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	43197	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	40628	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.67	69	31989	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.26	63	54987	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.17	46	97914	48.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.90%
24) Chloroform-d	4.62	84	62012	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.29	65	34533	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.32	84	129586	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.31	67	43759	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.54	98	116009	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.83	79	16938	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.30	63	74589	47.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	31815	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.84	152	34585	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

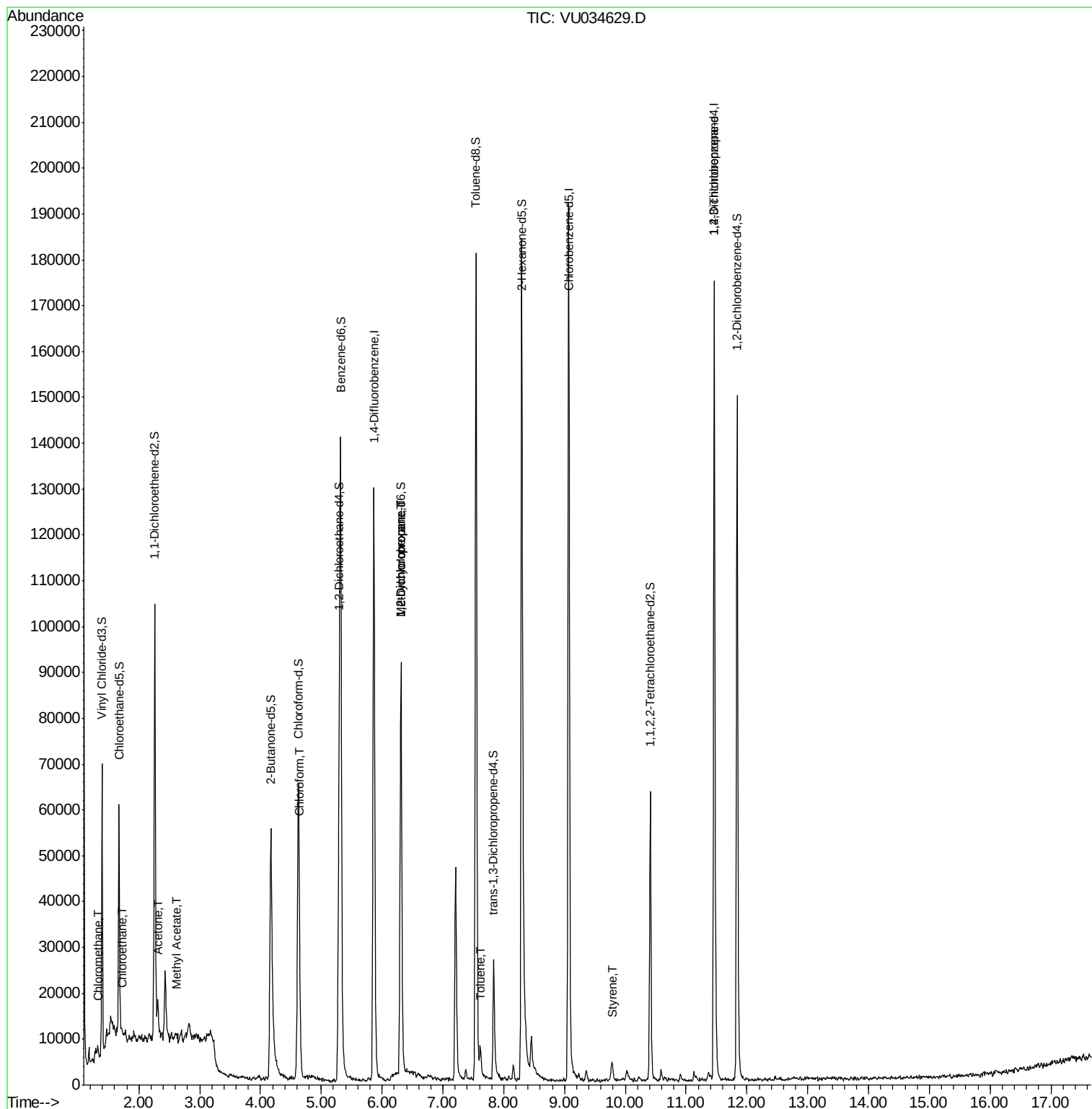
					Qvalue
3) Chloromethane	1.32	50	1384	0.188 ug/L	91
8) Chloroethane	1.74	64	416	0.092 ug/L #	58
13) Acetone	2.31	43	9588	6.140 ug/L	94
15) Methyl Acetate	2.61	43	710	0.186 ug/L #	73
25) Chloroform	4.65	83	3932	0.272 ug/L	90
35) Methylcyclohexane	6.31	83	9004	0.853 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	4859	0.601 ug/L #	92
42) Toluene	7.62	91	4466	0.158 ug/L	91
55) Styrene	9.78	104	2977	0.154 ug/L #	77
59) 1,2,3-Trichloropropane	11.46	75	7751	1.467 ug/L	100

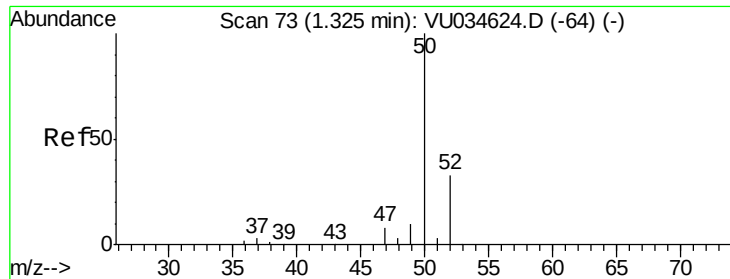
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.188 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034629.D

Acq: 17 Sep 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

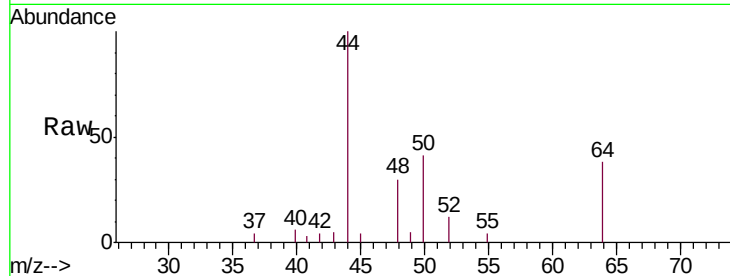
COMKO

Tgt Ion: 50 Resp: 1384

Ion Ratio Lower Upper

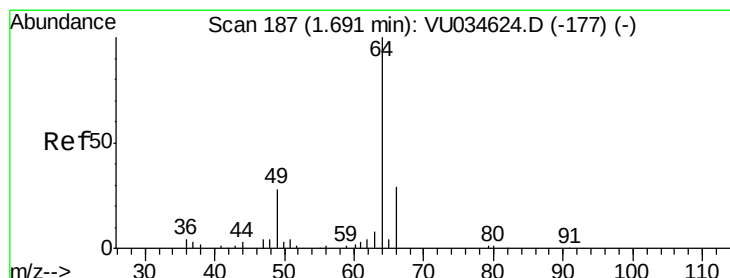
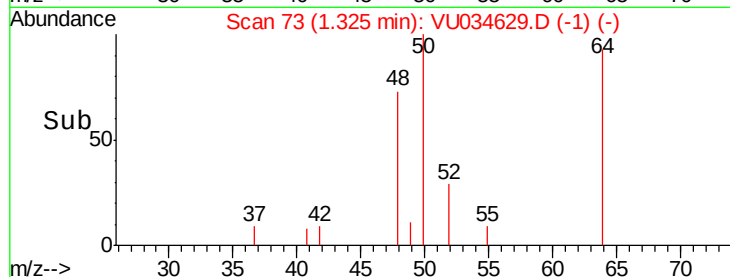
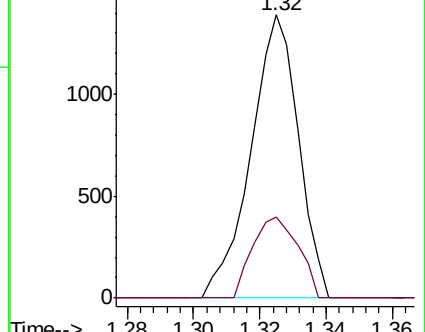
50 100

52 28.7 23.9 44.3



Abundance Ion 50.05 (49.75 to 50.75): VU034629.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU034629.D (-64) (-)



#8

Chloroethane

Concen: 0.092 ug/L

RT: 1.74 min Scan# 202

Delta R.T. 0.05 min

Lab File: VU034629.D

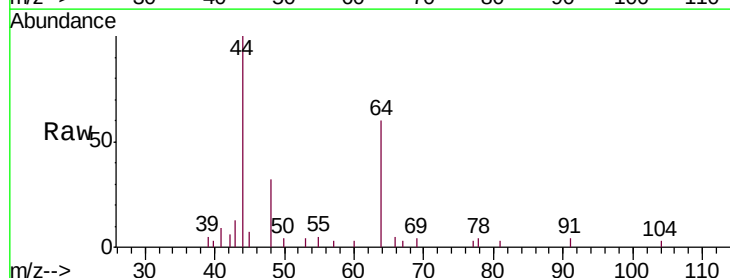
Acq: 17 Sep 2019 21:17

Tgt Ion: 64 Resp: 416

Ion Ratio Lower Upper

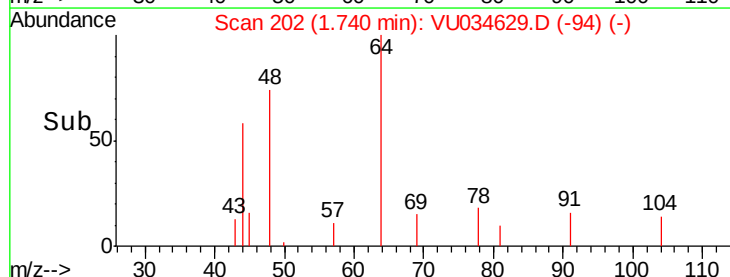
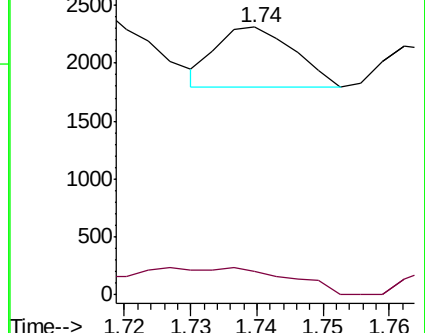
64 100

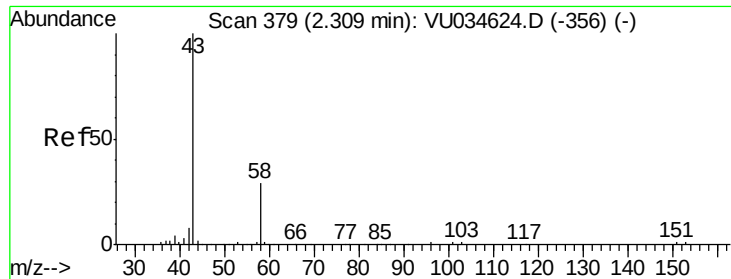
66 8.9 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VU034629.D (-177) (-)

Ion 66.05 (65.75 to 66.75): VU034629.D (-177) (-)





#13

Acetone

Concen: 6.140 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VU034629.D

Acq: 17 Sep 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

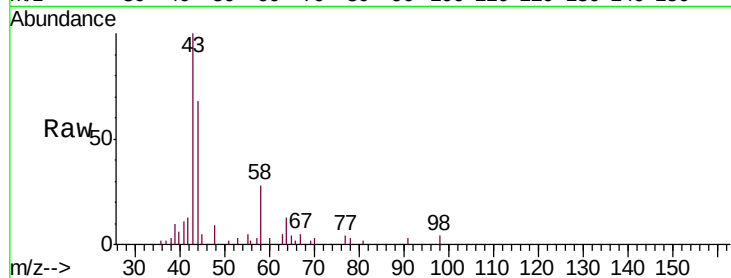
COMKO

Tgt Ion: 43 Resp: 9588

Ion Ratio Lower Upper

43 100

58 32.1 0.0 57.8

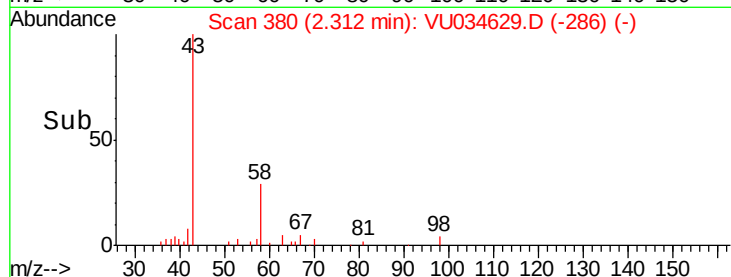


Abundance Ion 43.05 (42.75 to 43.75): VU034629.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU034629.D (-380) (-)

Time-->

2.25 2.30 2.35



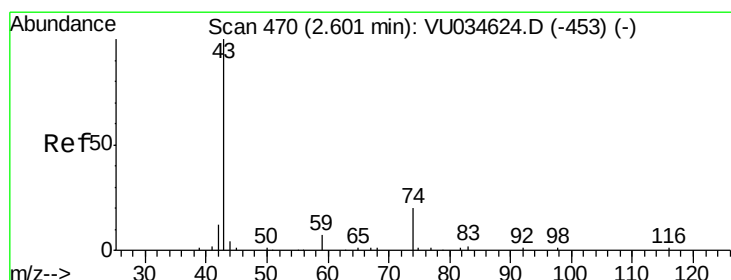
Abundance

Ion 43.05 (42.75 to 43.75): VU034629.D (-380) (-)

Ion 58.05 (57.75 to 58.75): VU034629.D (-380) (-)

Time-->

2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.186 ug/L

RT: 2.61 min Scan# 473

Delta R.T. 0.01 min

Lab File: VU034629.D

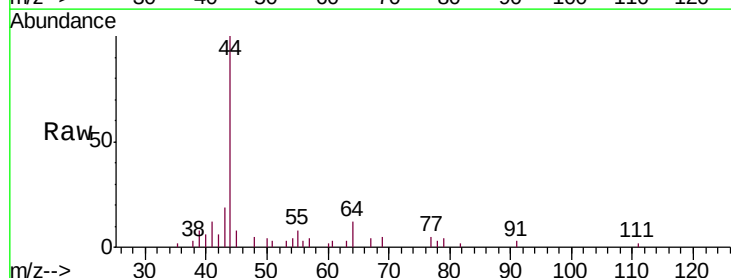
Acq: 17 Sep 2019 21:17

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

74 5.8 14.2 21.2#

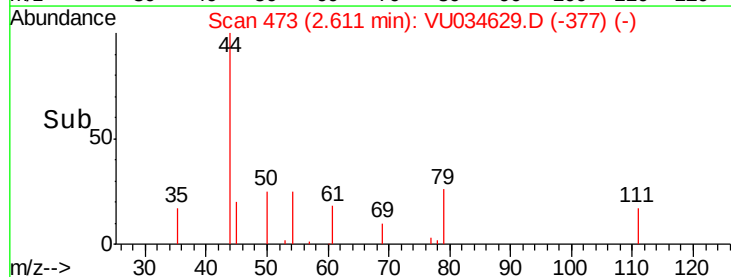


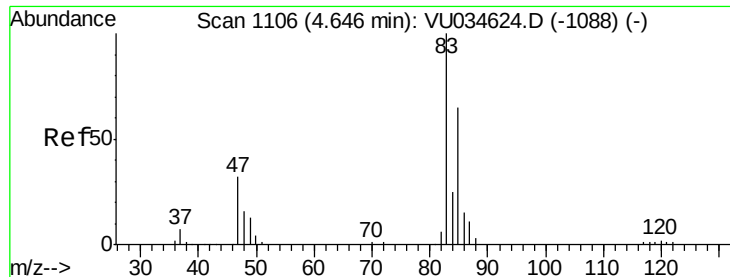
Abundance Ion 43.05 (42.75 to 43.75): VU034629.D (-473) (-)

Ion 74.05 (73.75 to 74.75): VU034629.D (-473) (-)

Time-->

2.56 2.58 2.60 2.62 2.64

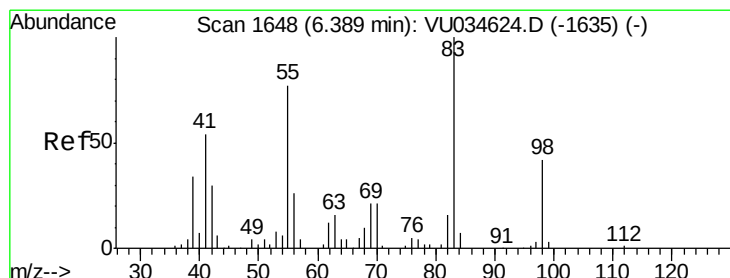
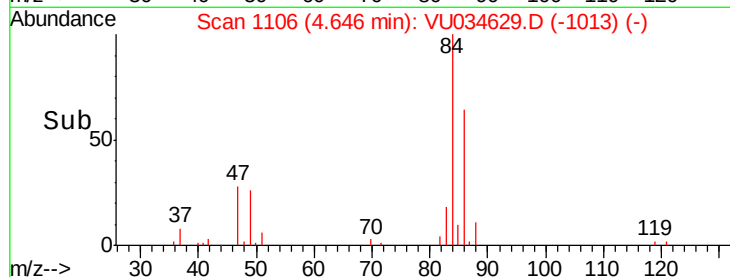
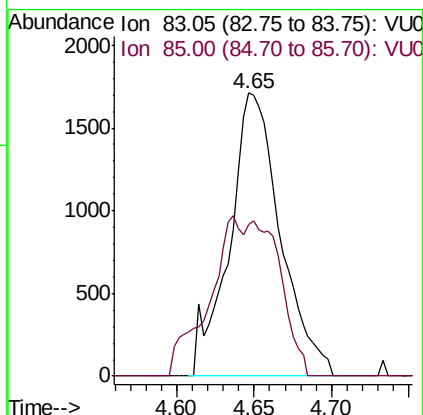
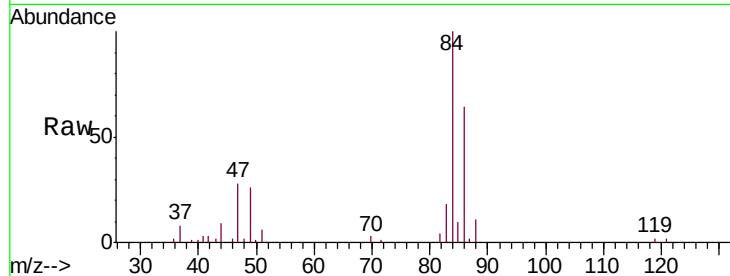




#25
Chloroform
Concen: 0.272 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU034629.D
Acq: 17 Sep 2019 21:17

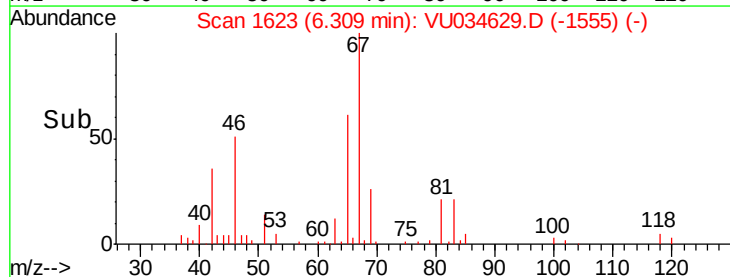
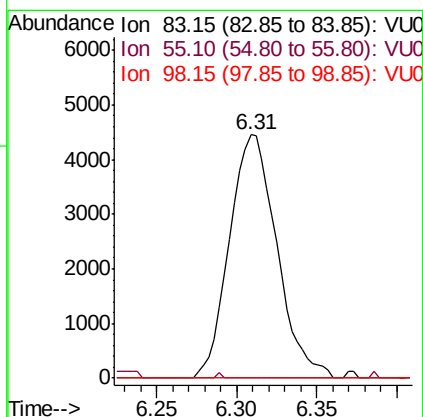
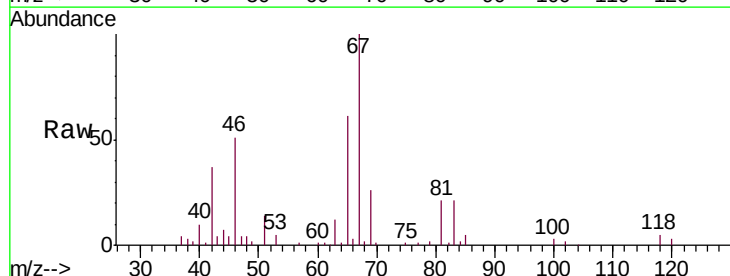
Instrument :
MSVOA_U
ClientSampleId :
COMKO

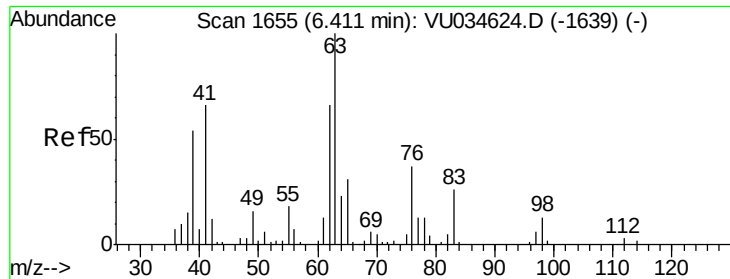
Tgt Ion: 83 Resp: 3932
Ion Ratio Lower Upper
83 100
85 53.6 42.8 79.4



#35
Methylcyclohexane
Concen: 0.853 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU034629.D
Acq: 17 Sep 2019 21:17

Tgt Ion: 83 Resp: 9004
Ion Ratio Lower Upper
83 100
55 0.2 66.8 100.2#
98 0.0 35.4 53.0#

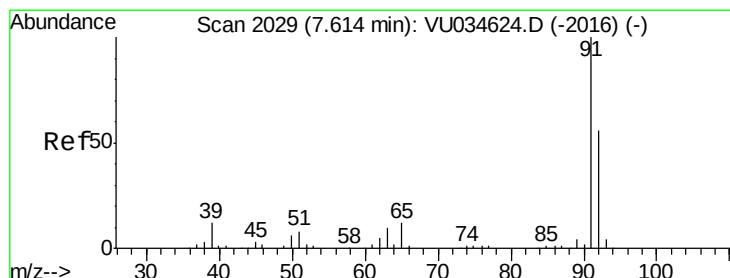
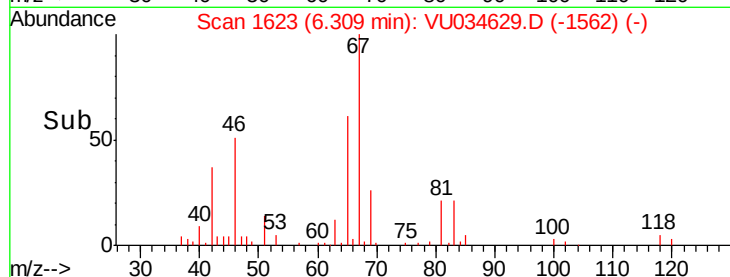
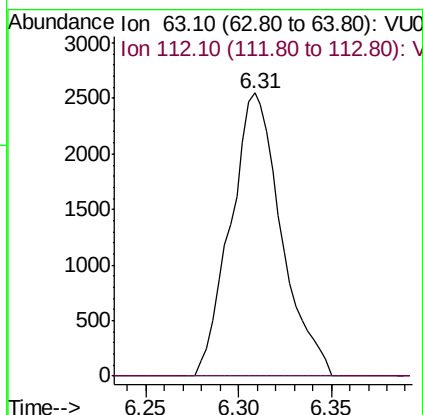
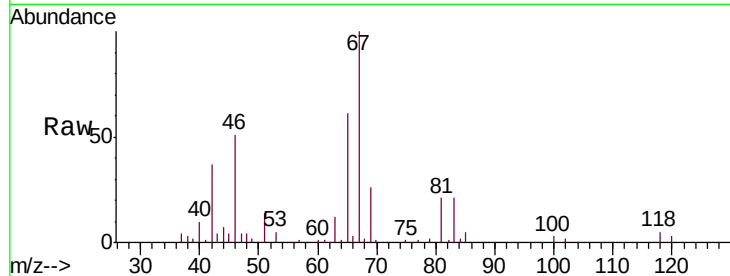




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU034629.D
 Acq: 17 Sep 2019 21:17

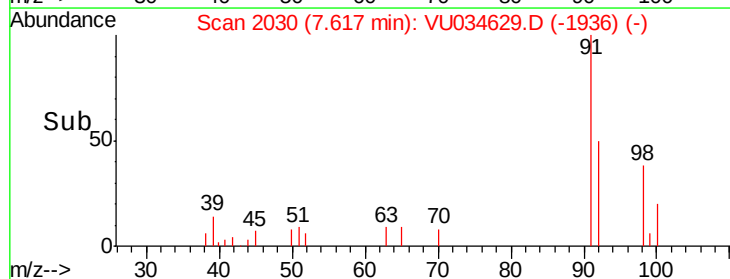
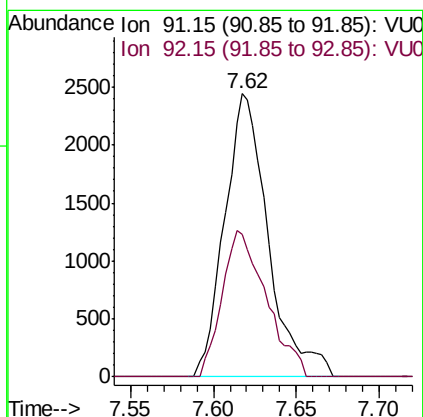
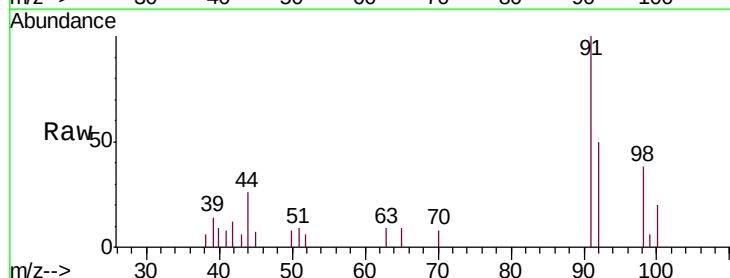
Instrument :
 MSVOA_U
 ClientSampleId :
 COMKO

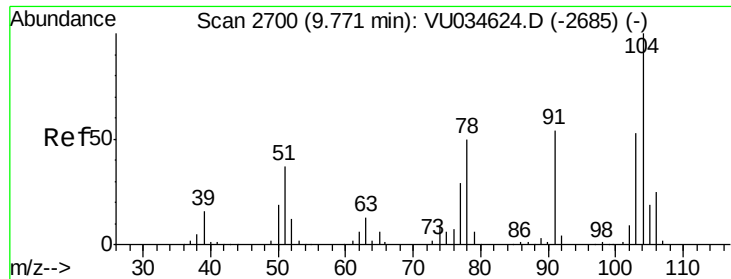
Tgt Ion: 63 Resp: 4859
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.2 3.2#



#42
 Toluene
 Concen: 0.158 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU034629.D
 Acq: 17 Sep 2019 21:17

Tgt Ion: 91 Resp: 4466
 Ion Ratio Lower Upper
 91 100
 92 50.2 39.6 73.6





#55

Styrene

Concen: 0.154 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU034629.D

Acq: 17 Sep 2019 21:17

Instrument :

MSVOA_U

ClientSampleId :

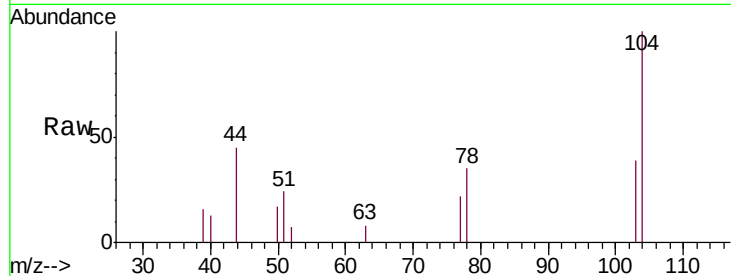
COMKO

Tgt Ion:104 Resp: 2977

Ion Ratio Lower Upper

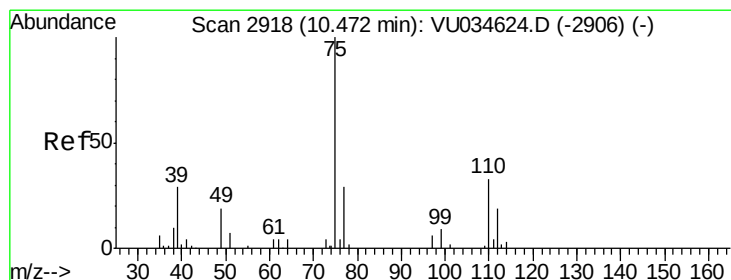
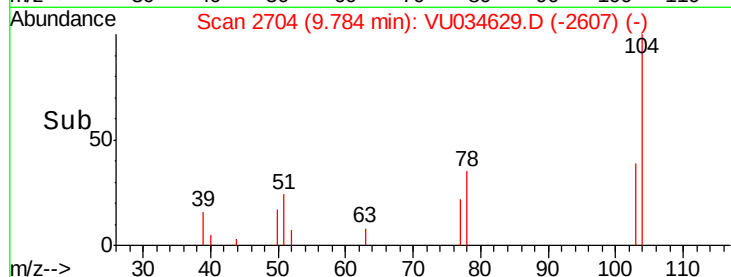
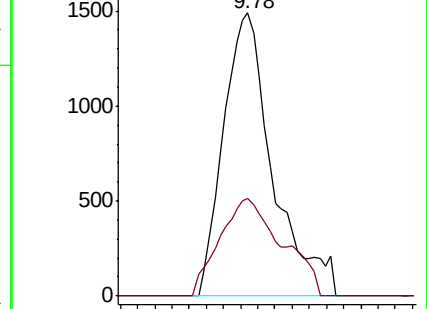
104 100

78 34.7 35.4 65.8#



Abundance Ion 104.10 (103.80 to 104.80): VU034629.D (-2685) (-)

Ion 78.10 (77.80 to 78.80): VU034629.D (-2685) (-)



#59

1,2,3-Trichloropropane

Concen: 1.467 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034629.D

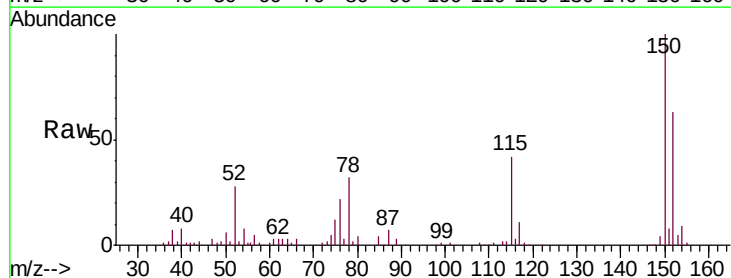
Acq: 17 Sep 2019 21:17

Tgt Ion: 75 Resp: 7751

Ion Ratio Lower Upper

75 100

77 32.5 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU034629.D (-2296) (-)

Ion 77.00 (76.70 to 77.70): VU034629.D (-2296) (-)

