

Data File : VU035004.D
Acq On : 09 Oct 2019 13:38
Operator : JC/SP
Sample : K5219-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191001-01

Quant Time: Oct 10 03:39:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 10 03:36:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	167377	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	173084	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	70724	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	39448	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.67	69	39485	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.26	63	61222	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.18	46	152063	52.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.62	84	82335	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.29	65	52361	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.32	84	174613	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.31	67	62614	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.55	98	157360	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.84	79	19780	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.30	63	102873	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	53363	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	59947	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

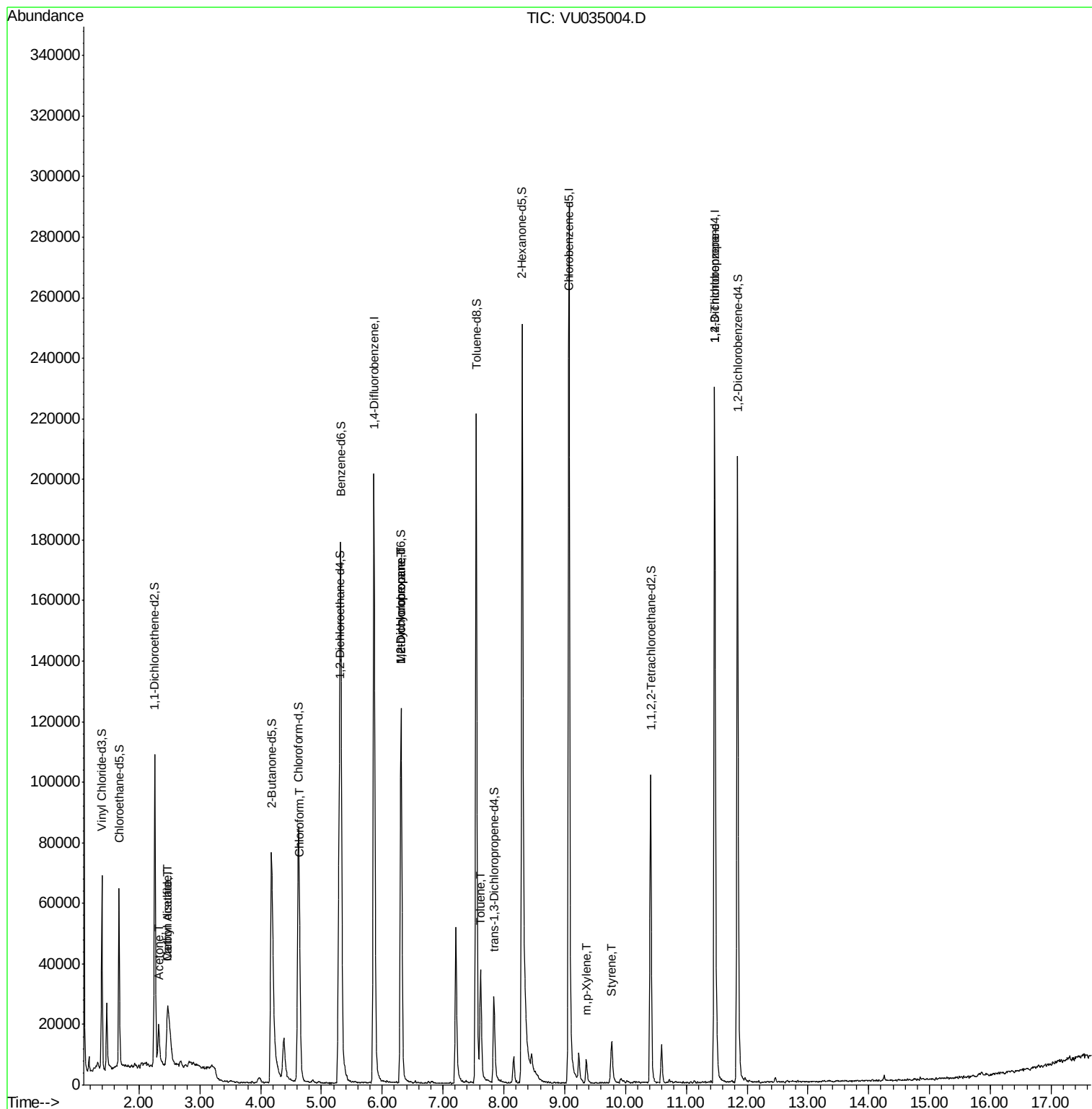
					Qvalue
13) Acetone	2.33	43	19641	8.231	ug/L 95
14) Carbon disulfide	2.47	76	9002	0.252	ug/L # 90
15) Methyl Acetate	2.48	43	3347	0.527	ug/L # 53
25) Chloroform	4.65	83	10394	0.404	ug/L 99
35) Methylcyclohexane	6.31	83	13278	0.610	ug/L # 18
37) 1,2-Dichloropropane	6.31	63	6625	0.471	ug/L # 88
42) Toluene	7.62	91	27971	0.514	ug/L 95
53) m,p-Xylene	9.36	106	2887	0.130	ug/L # 59
55) Styrene	9.78	104	6341	0.180	ug/L 97
59) 1,2,3-Trichloropropane	11.47	75	8975	0.986	ug/L 96

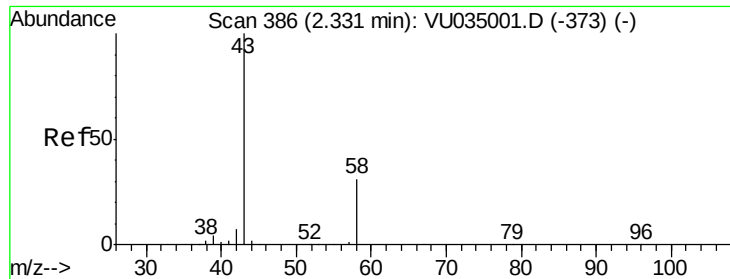
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 8.231 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

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Acq: 09 Oct 2019 13:38

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MSVOA_U

ClientSampleId :

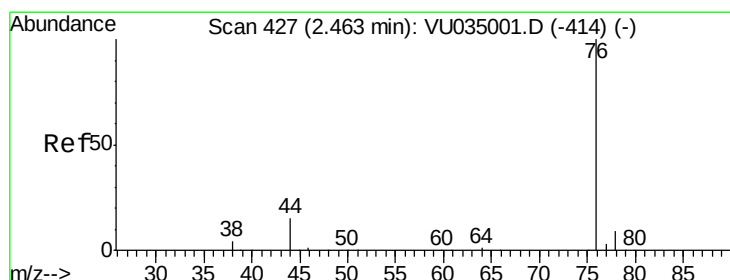
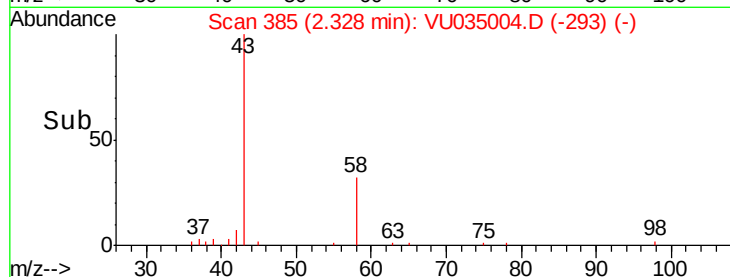
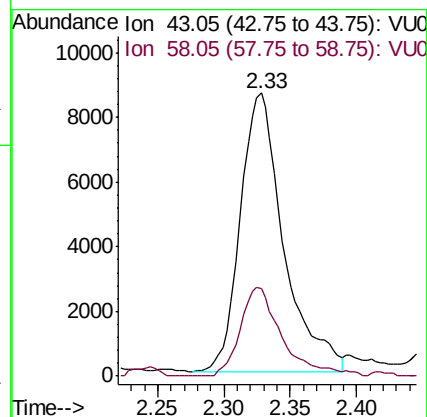
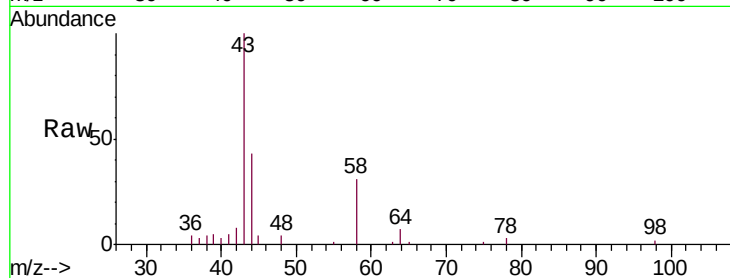
RB-1-191001-01

Tgt Ion: 43 Resp: 19641

Ion Ratio Lower Upper

43 100

58 30.6 0.0 66.6



#14

Carbon disulfide

Concen: 0.252 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU035004.D

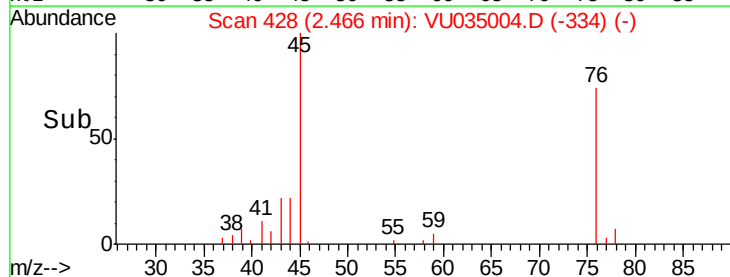
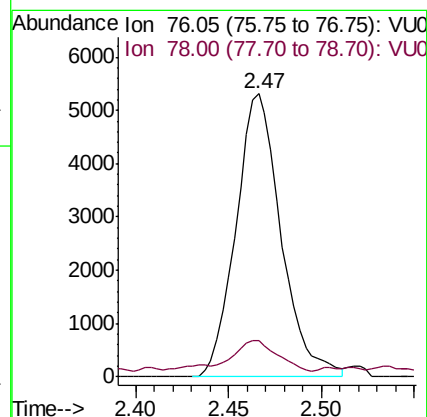
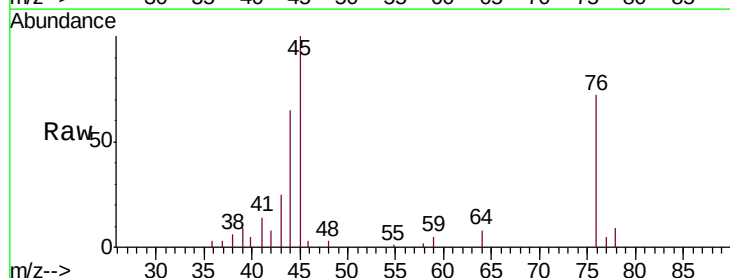
Acq: 09 Oct 2019 13:38

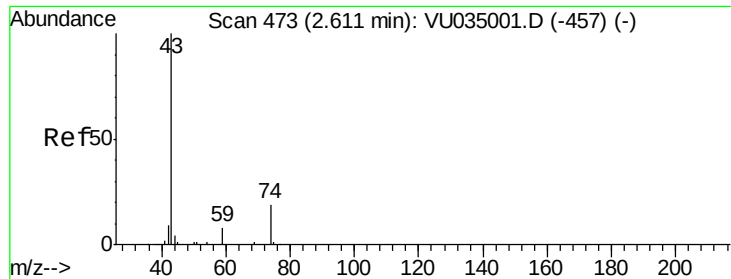
Tgt Ion: 76 Resp: 9002

Ion Ratio Lower Upper

76 100

78 12.6 7.1 10.7#

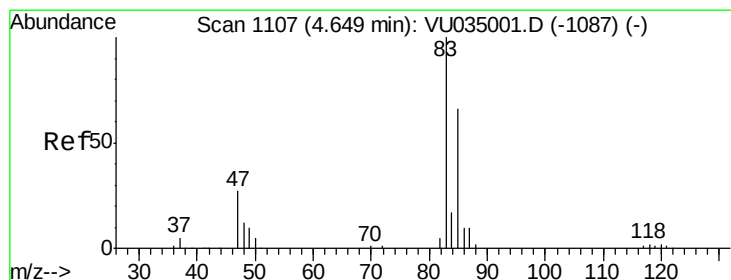
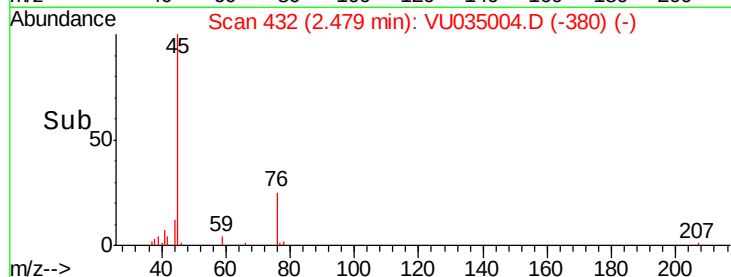
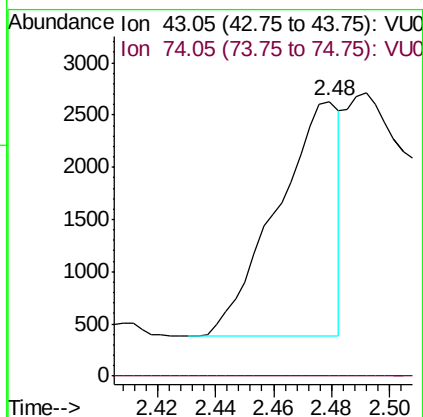
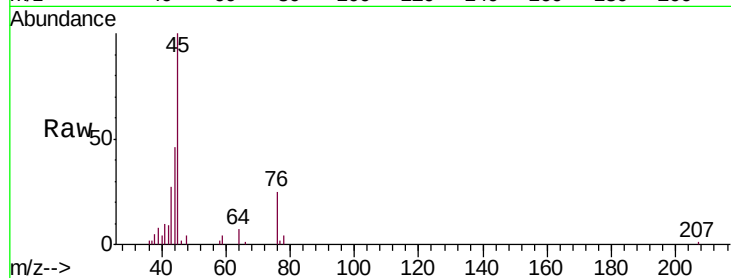




#15
Methyl Acetate
Concen: 0.527 ug/L
RT: 2.48 min Scan# 432
Delta R.T. -0.13 min
Lab File: VU035004.D
Acq: 09 Oct 2019 13:38

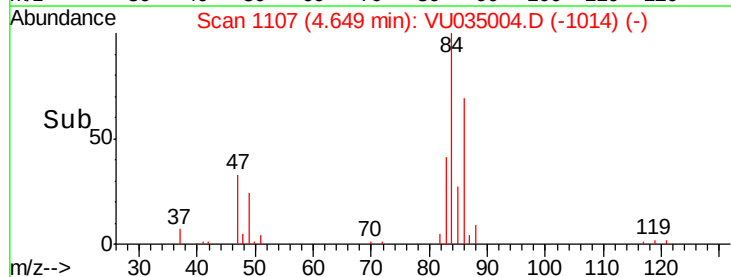
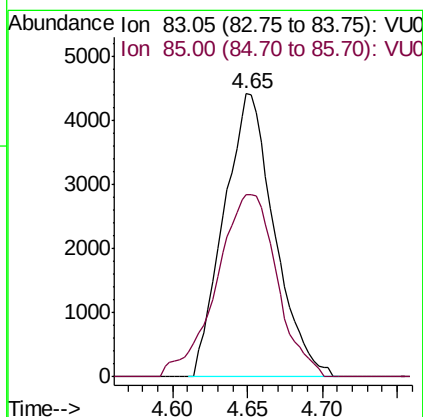
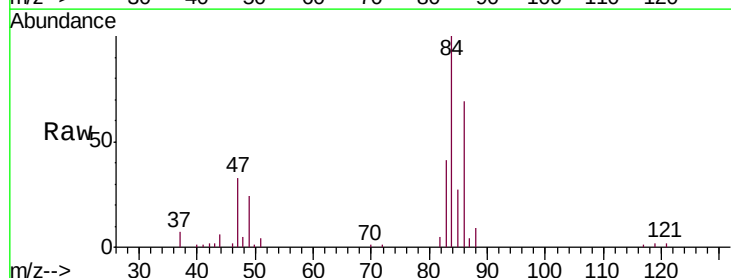
Instrument :
MSVOA_U
ClientSampleId :
RB-1-191001-01

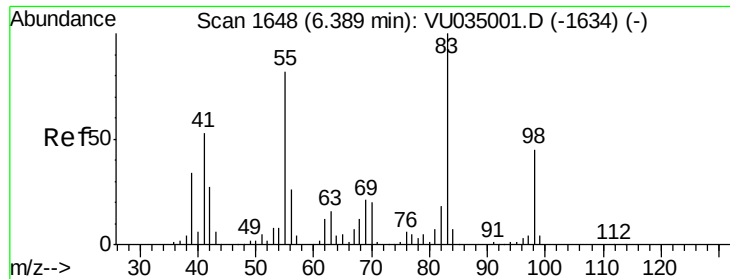
Tgt Ion: 43 Resp: 3347
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#25
Chloroform
Concen: 0.404 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035004.D
Acq: 09 Oct 2019 13:38

Tgt Ion: 83 Resp: 10394
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4

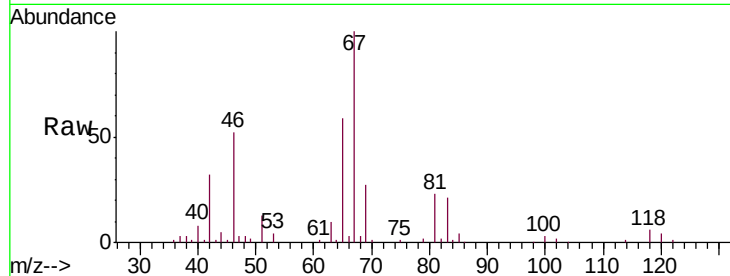




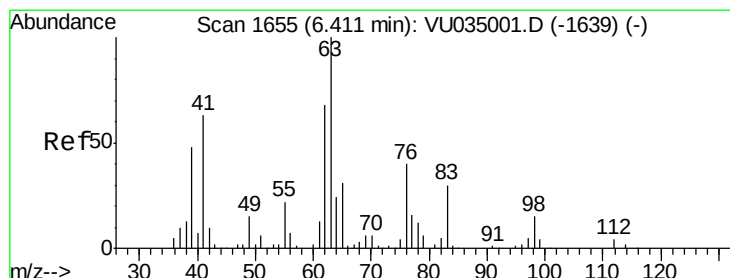
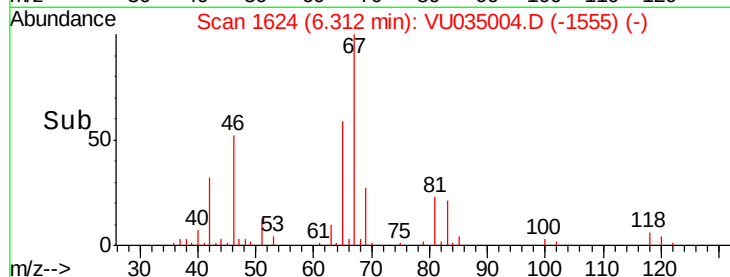
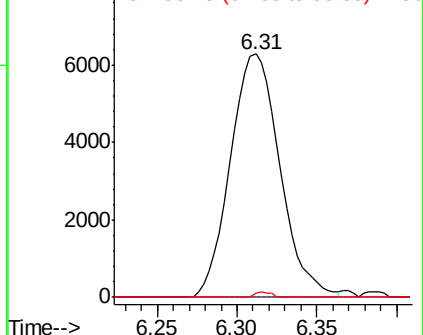
#35
Methylcyclohexane
Concen: 0.610 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035004.D
Acq: 09 Oct 2019 13:38

Instrument :
MSVOA_U
ClientSampleId :
RB-1-191001-01

Tgt Ion: 83 Resp: 13278
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.7 36.2 54.2#

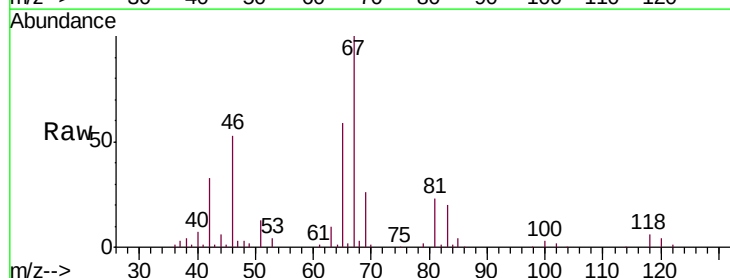


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

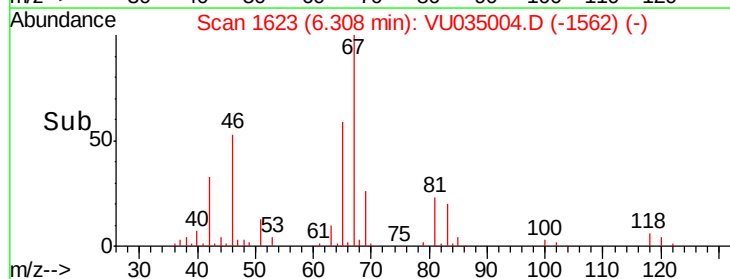
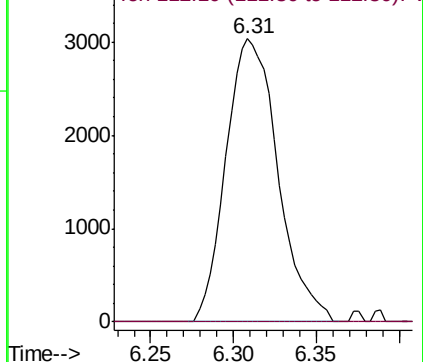


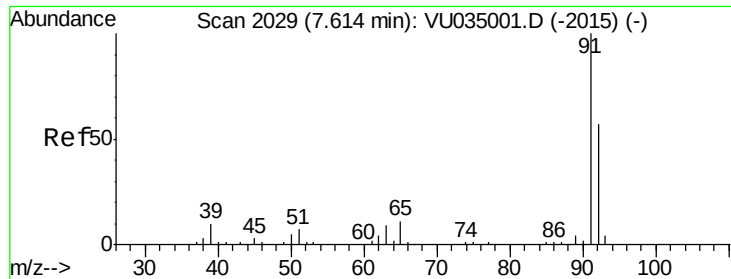
#37
1,2-Dichloropropane
Concen: 0.471 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035004.D
Acq: 09 Oct 2019 13:38

Tgt Ion: 63 Resp: 6625
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 0.514 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035004.D

Acq: 09 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

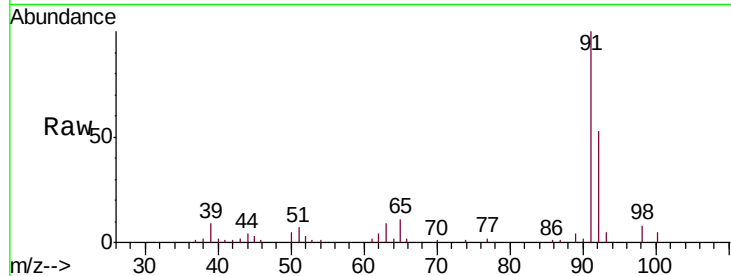
RB-1-191001-01

Tgt Ion: 91 Resp: 27971

Ion Ratio Lower Upper

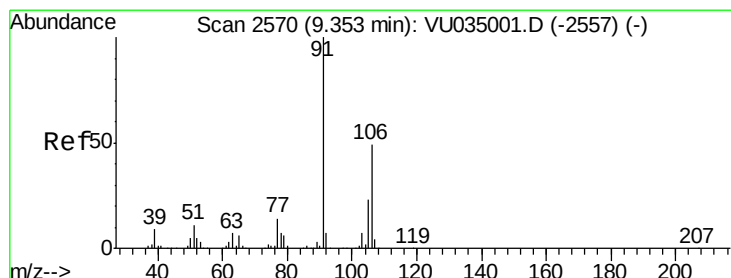
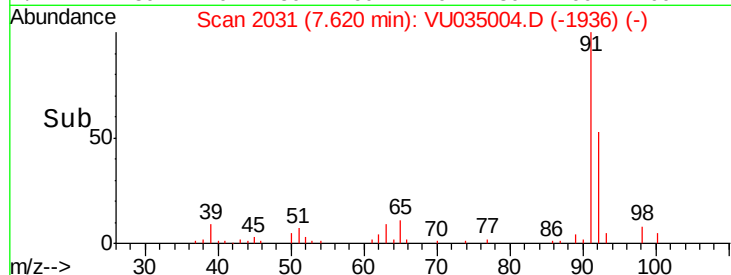
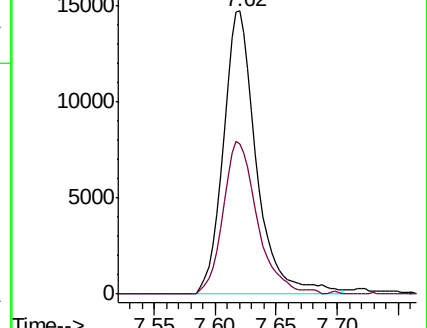
91 100

92 53.3 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035001.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035001.D (-2015) (-)



#53

m,p-Xylene

Concen: 0.130 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035004.D

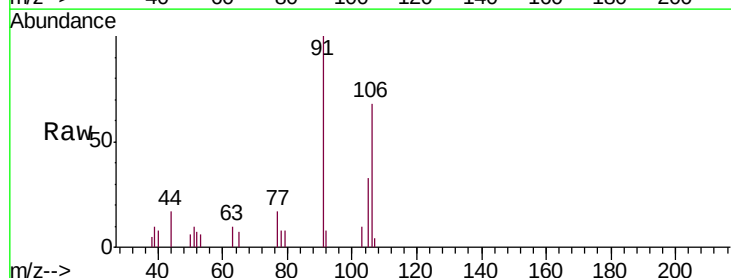
Acq: 09 Oct 2019 13:38

Tgt Ion: 106 Resp: 2887

Ion Ratio Lower Upper

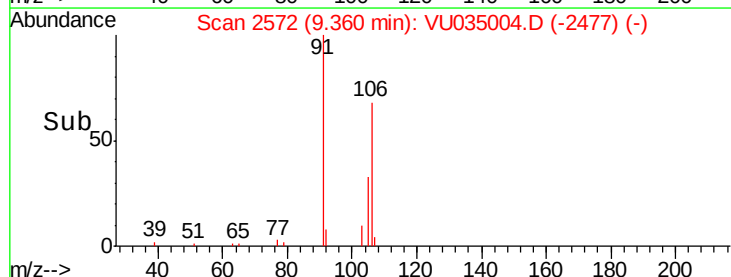
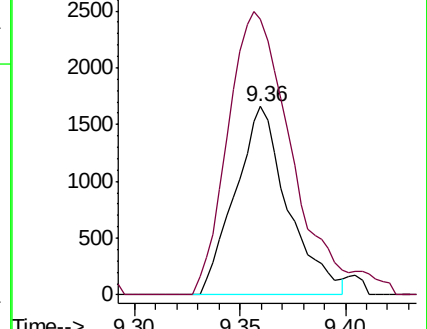
106 100

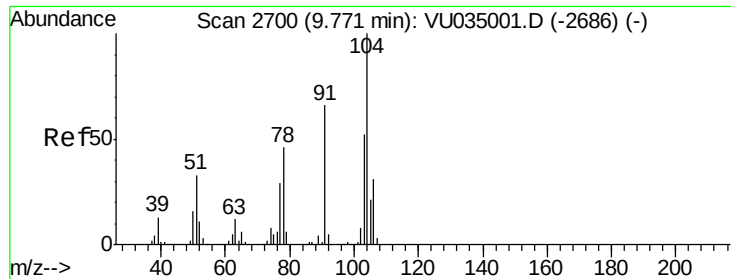
91 146.6 147.6 274.0#



Abundance Ion 106.15 (105.85 to 106.85): VU035001.D (-2557) (-)

Ion 91.15 (90.85 to 91.85): VU035001.D (-2557) (-)





#55

Styrene

Concen: 0.180 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.01 min

Lab File: VU035004.D

Acq: 09 Oct 2019 13:38

Instrument :

MSVOA_U

ClientSampleId :

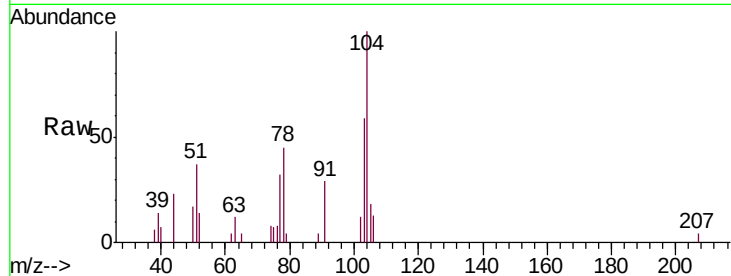
RB-1-191001-01

Tgt Ion: 104 Resp: 6341

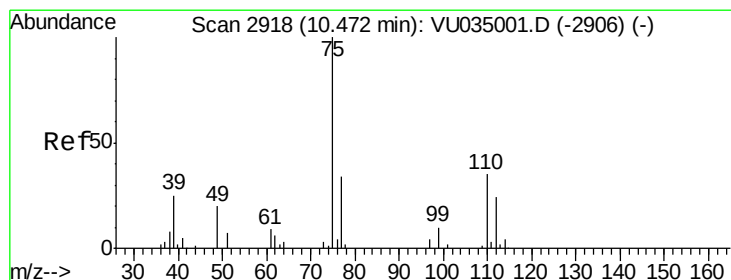
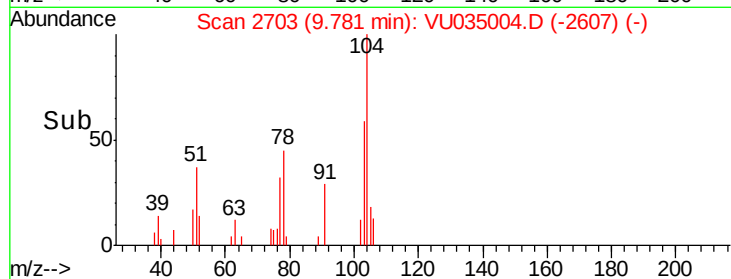
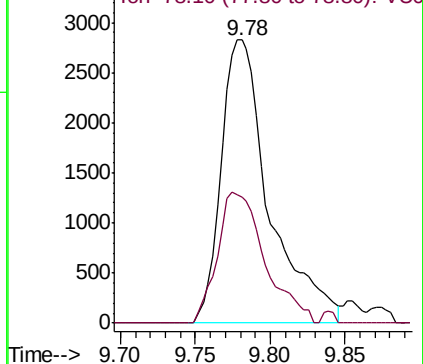
Ion Ratio Lower Upper

104 100

78 44.6 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): VU035001.D (-2686) (-)



#59

1,2,3-Trichloropropane

Concen: 0.986 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU035004.D

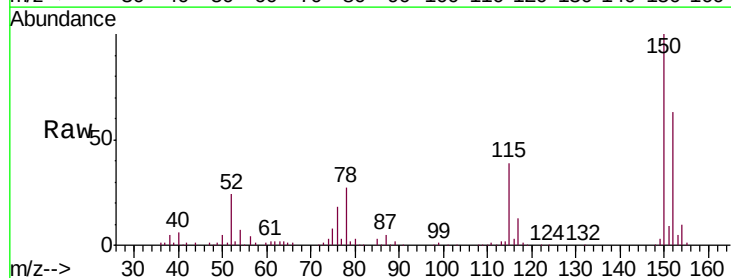
Acq: 09 Oct 2019 13:38

Tgt Ion: 75 Resp: 8975

Ion Ratio Lower Upper

75 100

77 35.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU035001.D (-2906) (-)

