

Data File : VU035005.D
Acq On : 09 Oct 2019 14:03
Operator : JC/SP
Sample : K5219-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
RB-2-191001-01

Quant Time: Oct 10 03:40:13 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	5.87	114	159014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	161214	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65460	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36360	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	38388	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.26	63	57118	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	4.17	46	129965	46.95	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.90%
24) Chloroform-d	4.63	84	78296	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.29	65	48638	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.32	84	167686	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	59777	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.55	98	147333	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.84	79	16160	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.30	63	99299	45.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	52981	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	54630	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

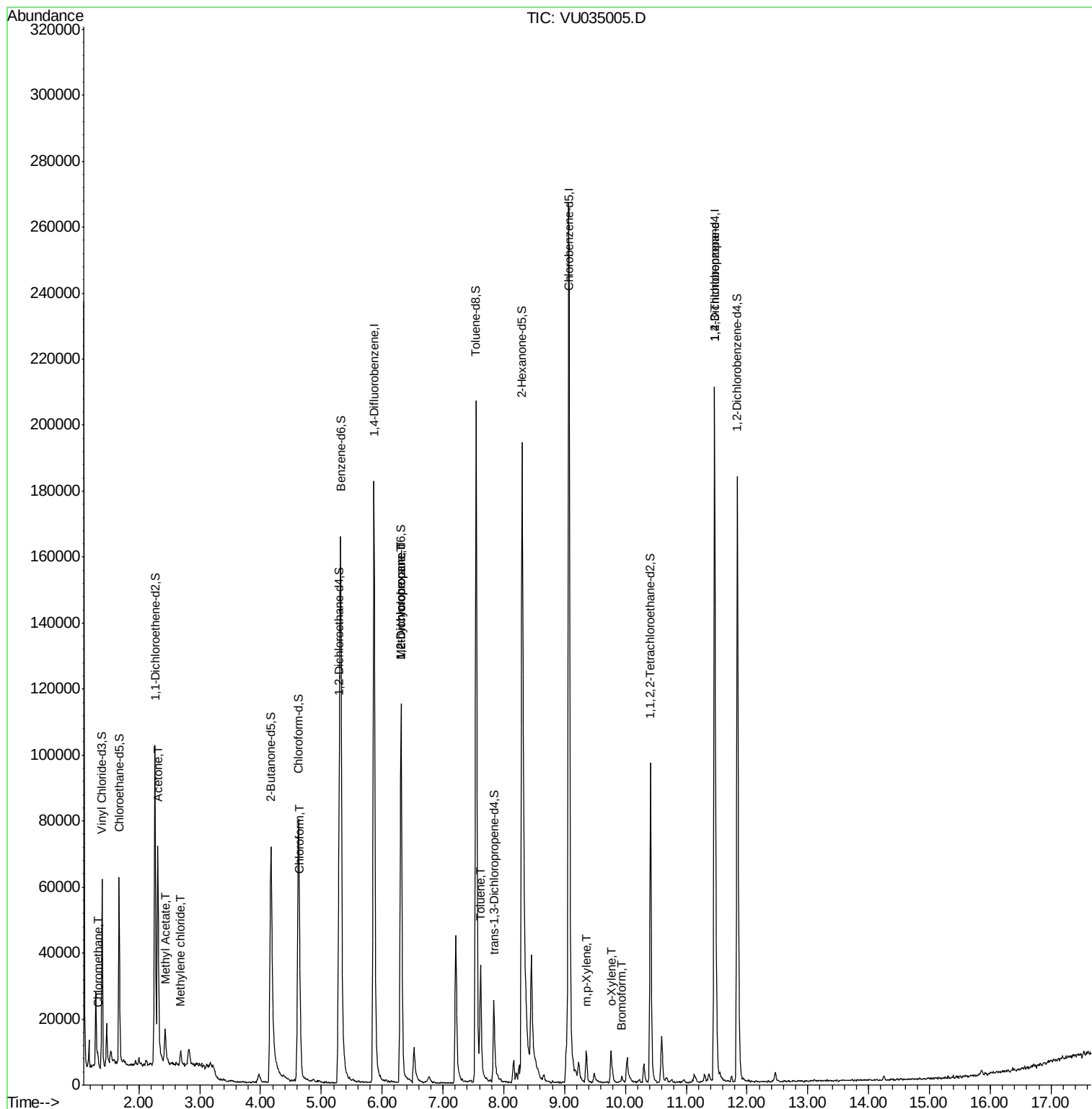
					Qvalue
3) Chloromethane	1.32	50	2406	0.151 ug/L	97
13) Acetone	2.31	43	75697	33.389 ug/L	94
15) Methyl Acetate	2.43	43	3507	0.581 ug/L #	53
16) Methylene chloride	2.68	84	1486	0.118 ug/L	91
25) Chloroform	4.65	83	8778	0.359 ug/L	98
35) Methylcyclohexane	6.31	83	13243	0.653 ug/L #	22
37) 1,2-Dichloropropane	6.31	63	6666	0.509 ug/L #	90
42) Toluene	7.62	91	25663	0.506 ug/L	99
53) m,p-Xylene	9.36	106	3009	0.146 ug/L	81
54) o-Xylene	9.76	106	2432	0.120 ug/L	97
59) 1,2,3-Trichloropropane	11.47	75	8476	1.000 ug/L	90
61) Bromoform	9.94	173	711	0.158 ug/L #	69

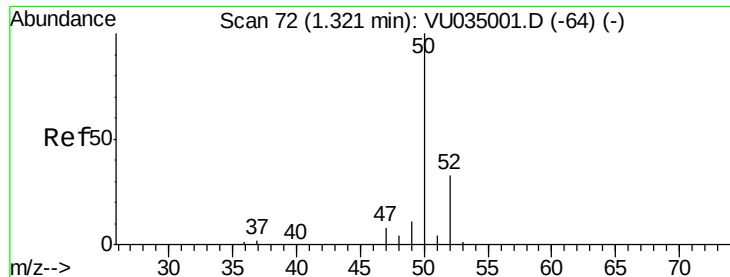
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 10 03:36:45 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.151 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU035005.D

Acq: 09 Oct 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

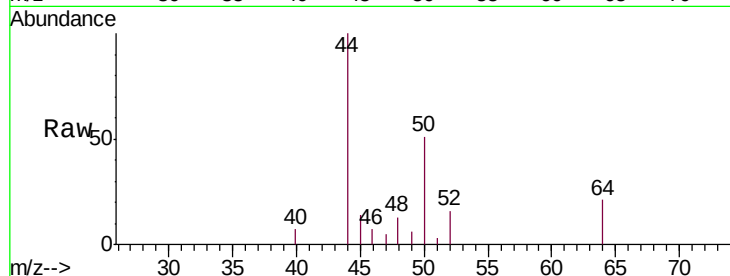
RB-2-191001-01

Tgt Ion: 50 Resp: 2406

Ion Ratio Lower Upper

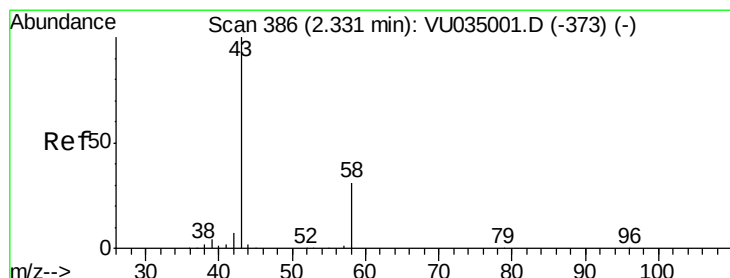
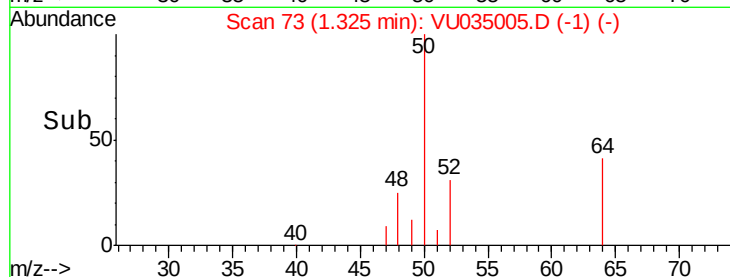
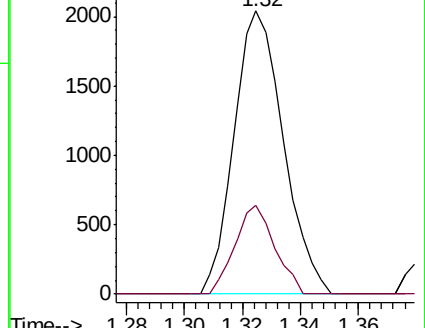
50 100

52 31.5 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035005.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU035005.D (-1) (-)



#13

Acetone

Concen: 33.389 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035005.D

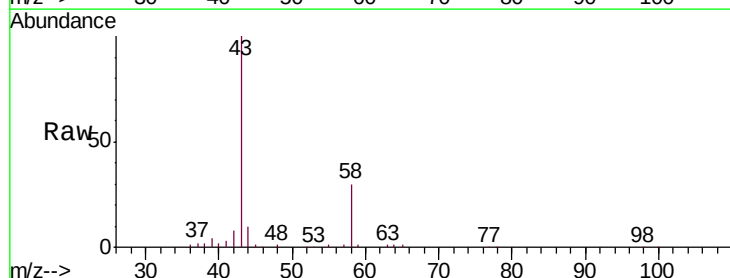
Acq: 09 Oct 2019 14:03

Tgt Ion: 43 Resp: 75697

Ion Ratio Lower Upper

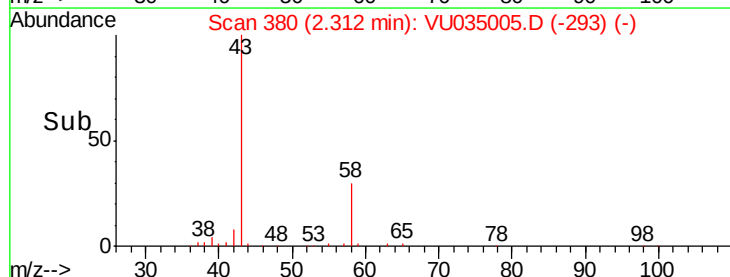
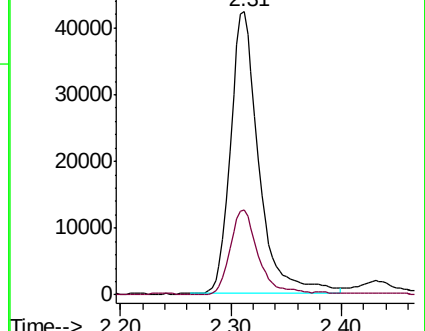
43 100

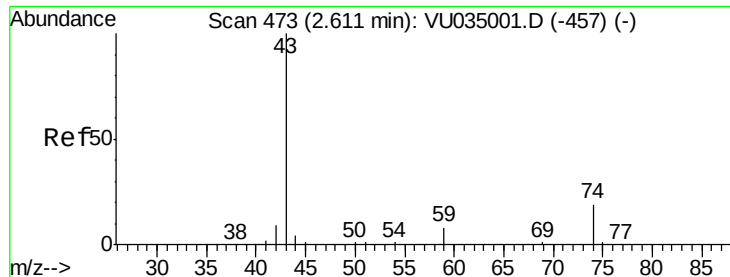
58 30.0 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035005.D (-293) (-)

Ion 58.05 (57.75 to 58.75): VU035005.D (-293) (-)

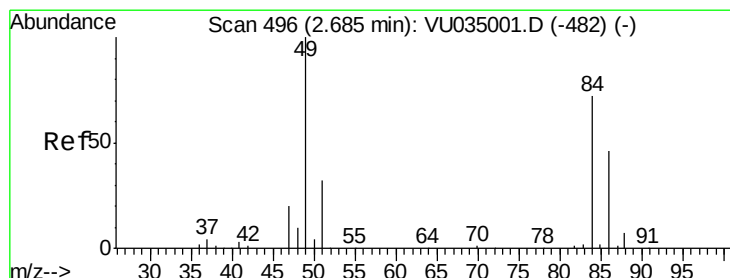
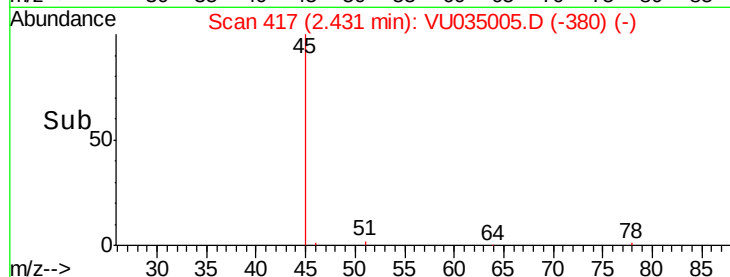
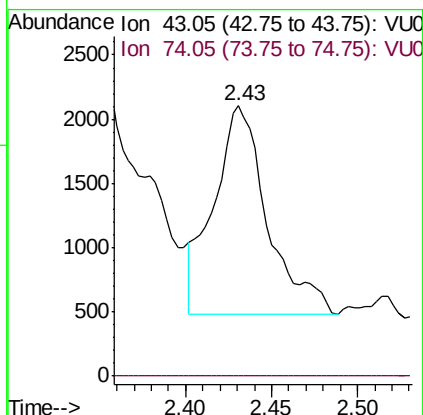
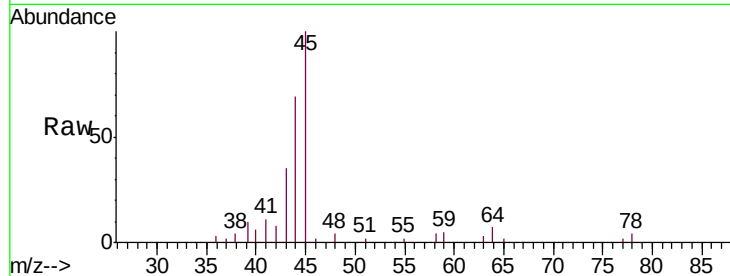




#15
Methyl Acetate
Concen: 0.581 ug/L
RT: 2.43 min Scan# 417
Delta R.T. -0.18 min
Lab File: VU035005.D
Acq: 09 Oct 2019 14:03

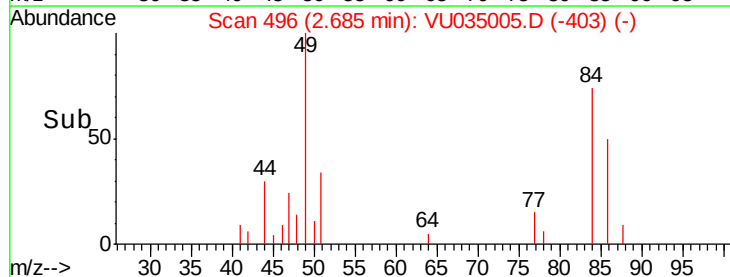
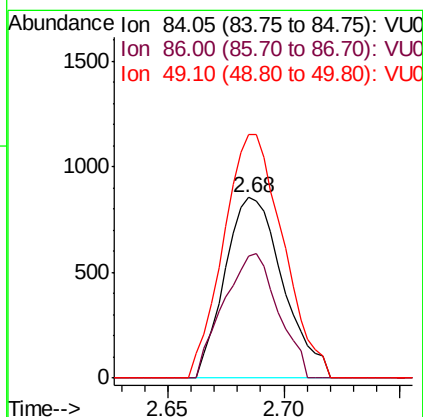
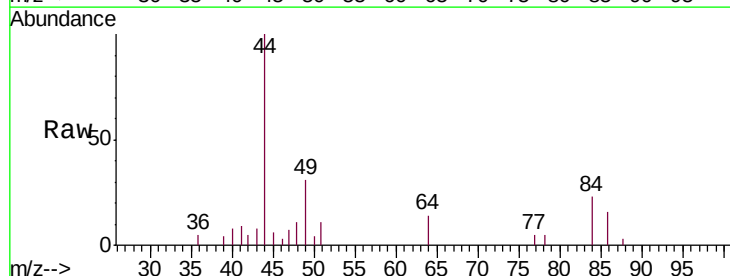
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191001-01

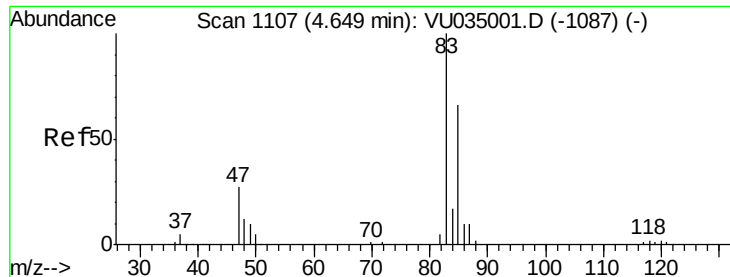
Tgt Ion: 43 Resp: 3507
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#16
Methylene chloride
Concen: 0.118 ug/L
RT: 2.68 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU035005.D
Acq: 09 Oct 2019 14:03

Tgt Ion: 84 Resp: 1486
Ion Ratio Lower Upper
84 100
86 67.6 42.5 78.9
49 134.7 86.9 161.3

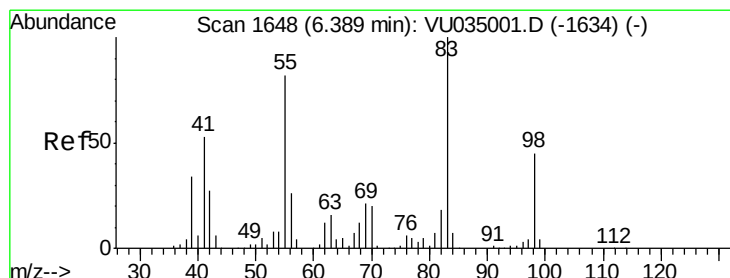
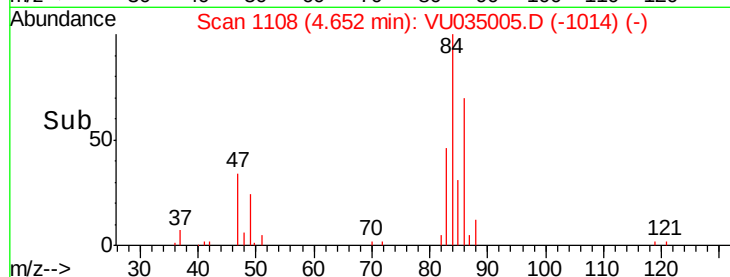
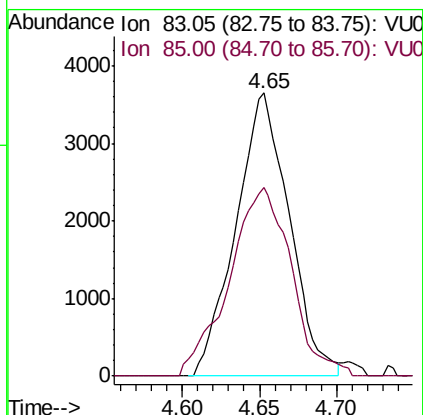
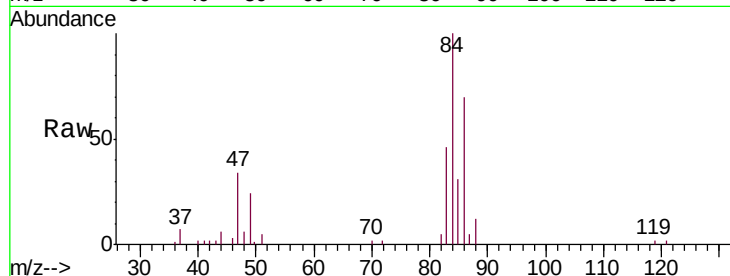




#25
Chloroform
Concen: 0.359 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035005.D
Acq: 09 Oct 2019 14:03

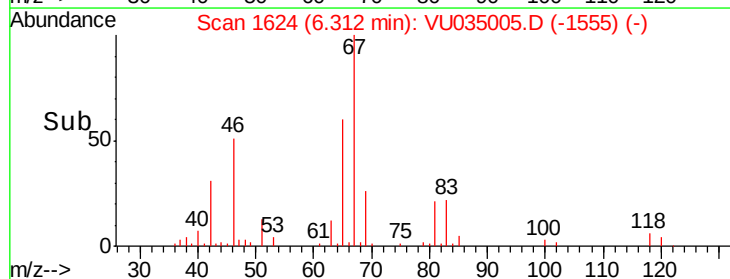
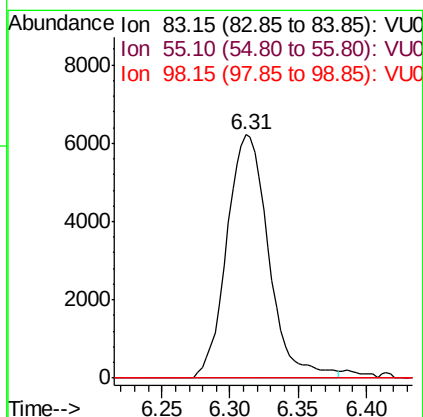
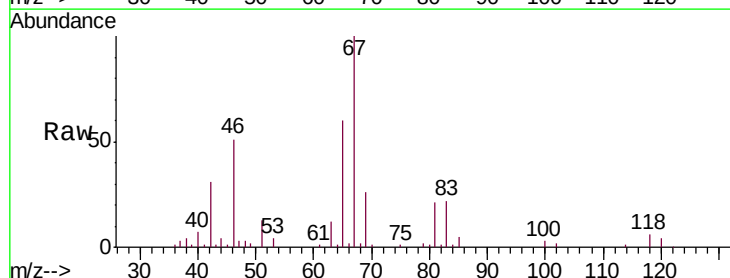
Instrument :
MSVOA_U
ClientSampleId :
RB-2-191001-01

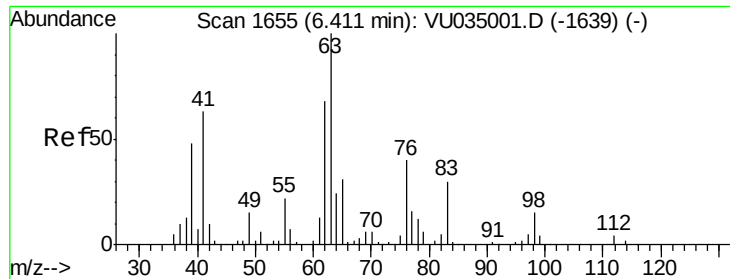
Tgt Ion: 83 Resp: 8778
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.4



#35
Methylcyclohexane
Concen: 0.653 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035005.D
Acq: 09 Oct 2019 14:03

Tgt Ion: 83 Resp: 13243
Ion Ratio Lower Upper
83 100
55 6.1 62.6 94.0#
98 0.0 36.2 54.2#

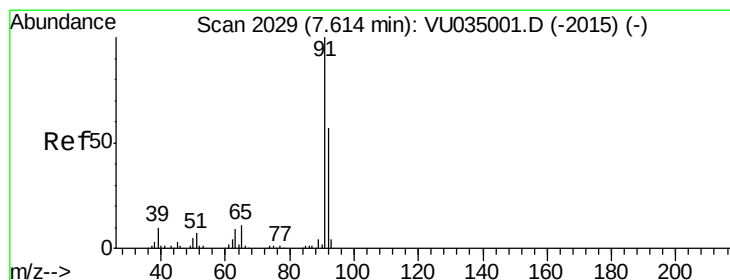
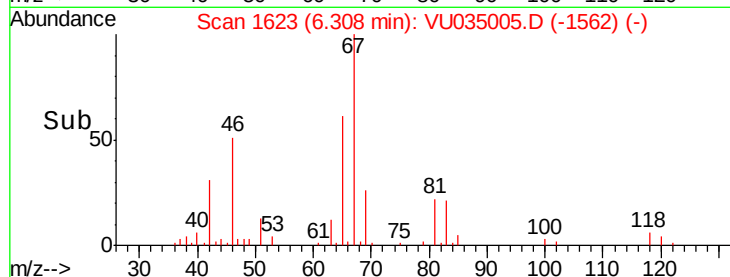
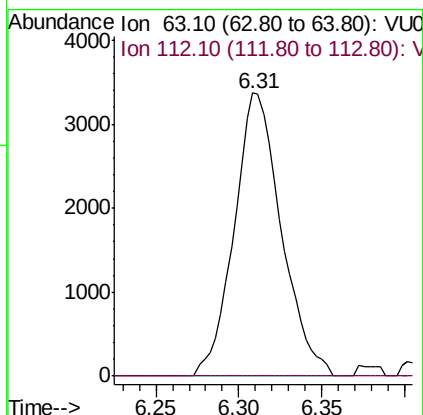
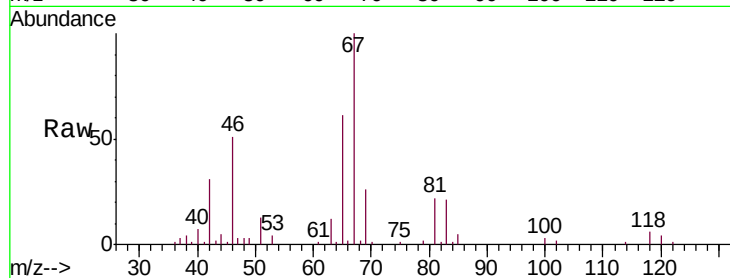




#37
 1,2-Dichloropropane
 Concen: 0.509 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035005.D
 Acq: 09 Oct 2019 14:03

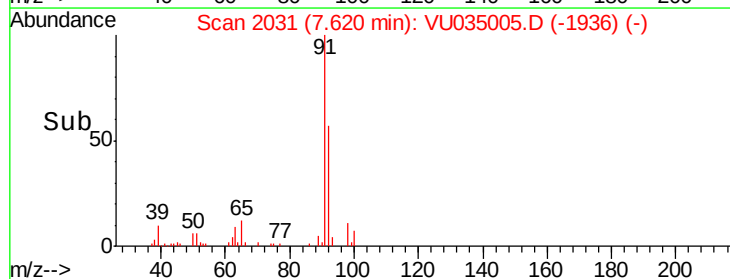
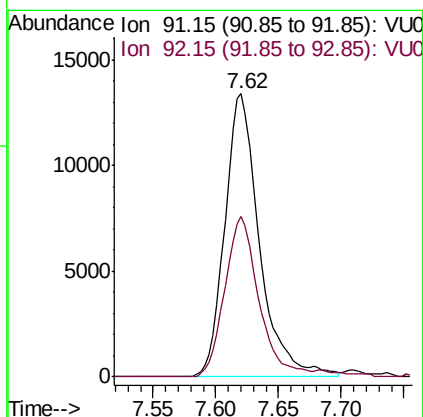
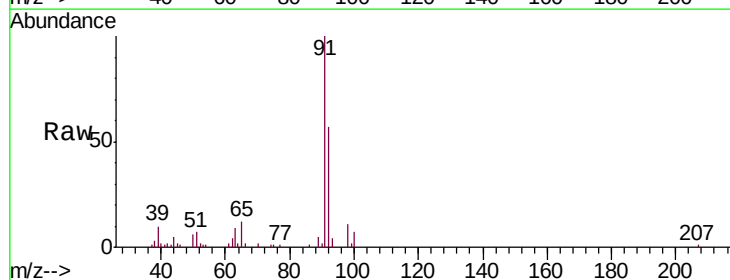
Instrument :
 MSVOA_U
 ClientSampleId :
 RB-2-191001-01

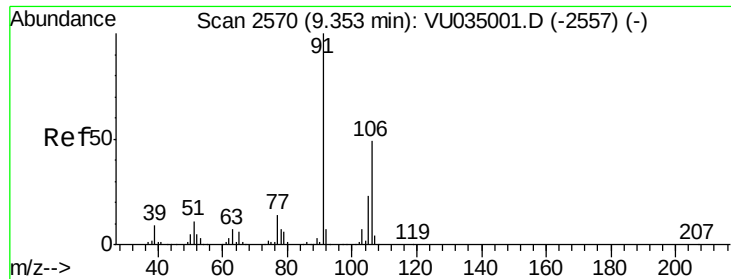
Tgt Ion: 63 Resp: 6666
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.1 4.7#



#42
 Toluene
 Concen: 0.506 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: VU035005.D
 Acq: 09 Oct 2019 14:03

Tgt Ion: 91 Resp: 25663
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.0 74.2





#53

m,p-Xylene

Concen: 0.146 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035005.D

Acq: 09 Oct 2019 14:03

Instrument :

MSVOA_U

ClientSampleId :

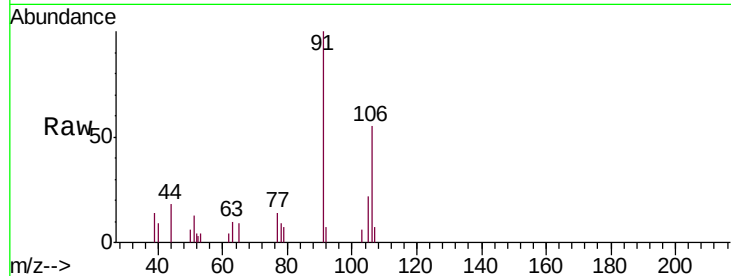
RB-2-191001-01

Tgt Ion:106 Resp: 3009

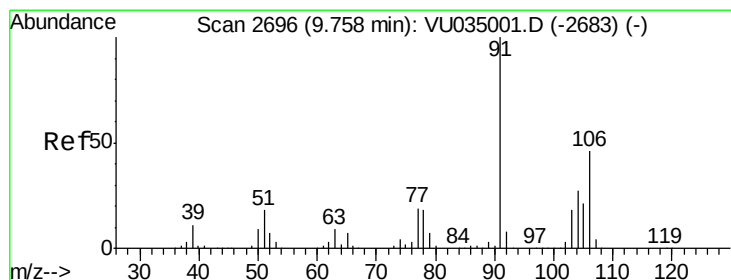
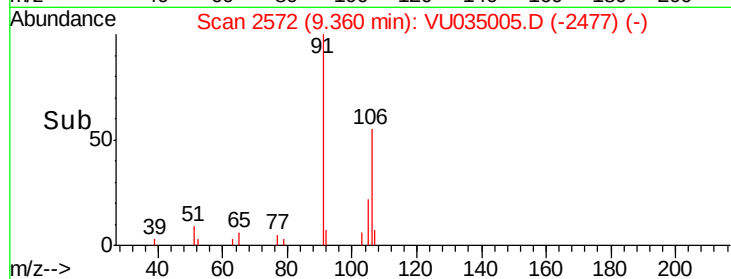
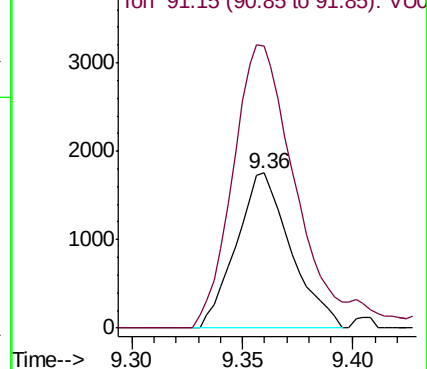
Ion Ratio Lower Upper

106 100

91 181.8 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V



#54

o-Xylene

Concen: 0.120 ug/L

RT: 9.76 min Scan# 2698

Delta R.T. 0.01 min

Lab File: VU035005.D

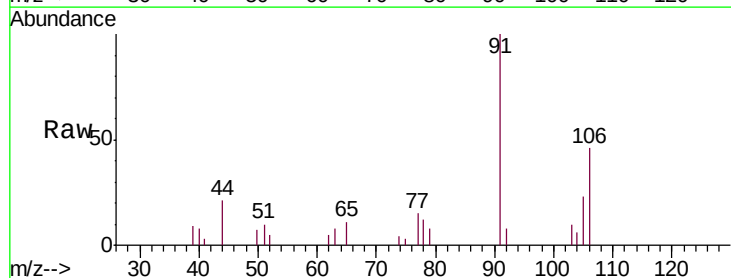
Acq: 09 Oct 2019 14:03

Tgt Ion:106 Resp: 2432

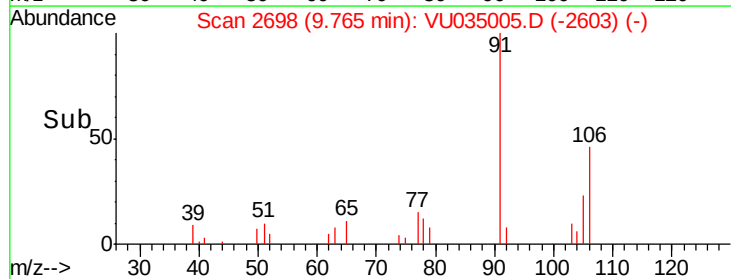
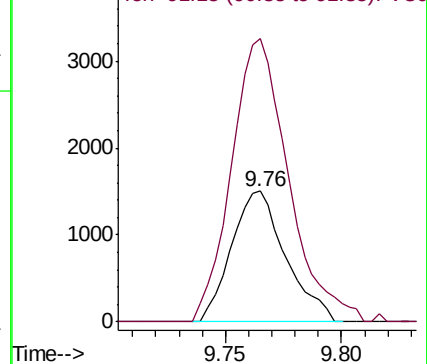
Ion Ratio Lower Upper

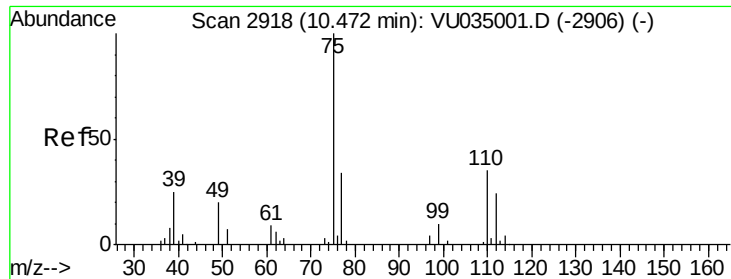
106 100

91 216.7 148.5 275.7



Abundance Ion 106.15 (105.85 to 106.85): V

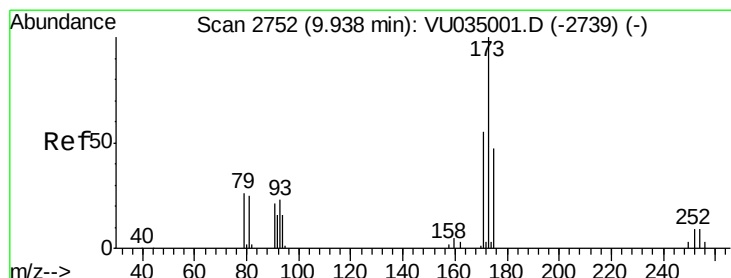
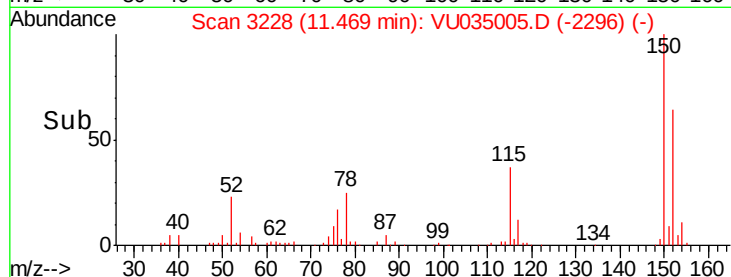
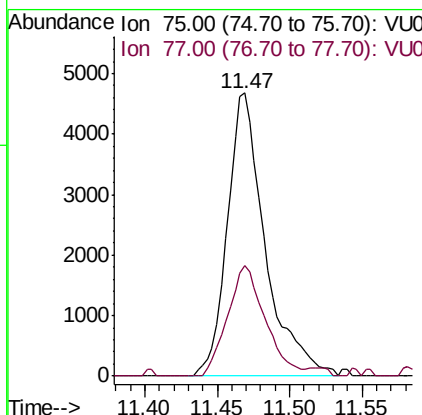
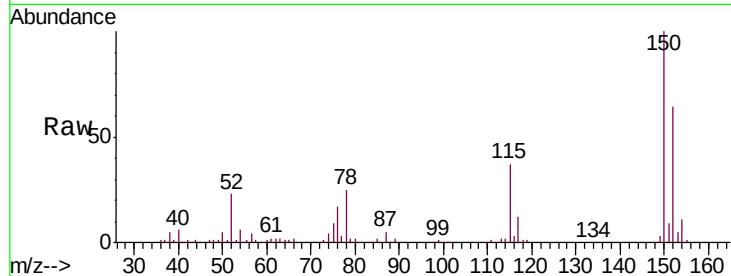




#59
 1,2,3-Trichloropropane
 Concen: 1.000 ug/L
 RT: 11.47 min Scan# 3228
 Delta R.T. 1.00 min
 Lab File: VU035005.D
 Acq: 09 Oct 2019 14:03

Instrument :
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 ClientSampleId :
 RB-2-191001-01

Tgt Ion: 75 Resp: 8476
 Ion Ratio Lower Upper
 75 100
 77 38.9 26.5 39.7



#61
 Bromoform
 Concen: 0.158 ug/L
 RT: 9.94 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: VU035005.D
 Acq: 09 Oct 2019 14:03

Tgt Ion: 173 Resp: 711
 Ion Ratio Lower Upper
 173 100
 175 25.3 37.2 55.8#
 254 0.0 6.6 9.8#

