

Data File : VU035051.D
Acq On : 10 Oct 2019 16:32
Operator : JC/SP
Sample : K5268-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DBAW7

Quant Time: Oct 11 04:43:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 04:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	163477	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	163605	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	65860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	34004	3.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.40%
7) Chloroethane-d5	1.67	69	36999	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.26	63	52136	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	4.18	46	146252	51.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.78%
24) Chloroform-d	4.62	84	81601	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.29	65	49037	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.32	84	155399	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.31	67	57731	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.55	98	136237	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.40%
43) trans-1,3-Dichloropropene-	7.84	79	17288	3.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.00%
46) 2-Hexanone-d5	8.30	63	104968	47.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.64%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	51644	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	53395	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

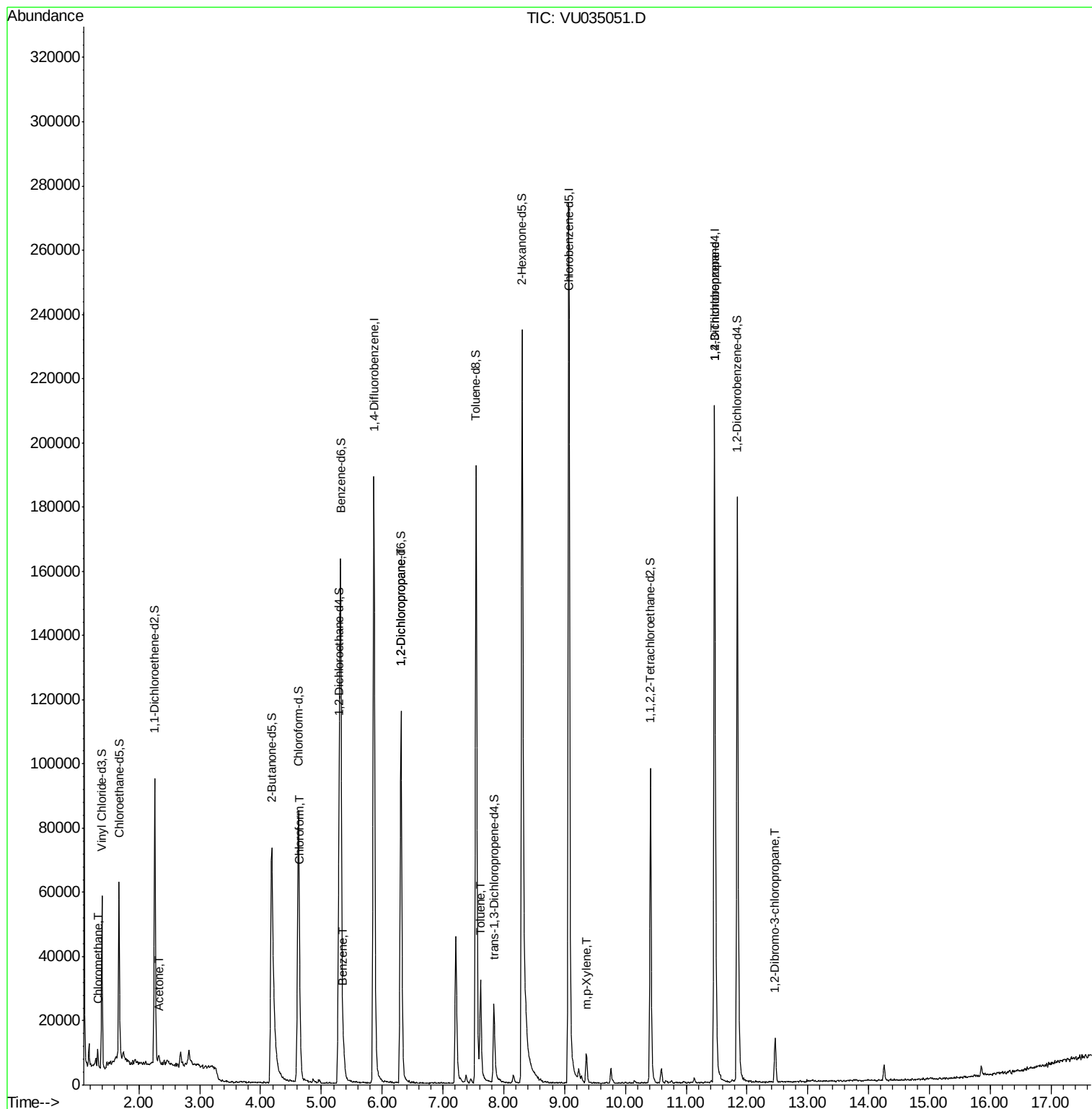
						Qvalue
3) Chloromethane	1.32	50	3124	0.191	ug/L	90
13) Acetone	2.33	43	3500	1.502	ug/L	100
25) Chloroform	4.65	83	3523	0.140	ug/L	97
33) Benzene	5.37	78	7309	0.148	ug/L	100
37) 1,2-Dichloropropane	6.31	63	6402	0.482	ug/L #	88
42) Toluene	7.62	91	23932	0.465	ug/L	98
53) m,p-Xylene	9.36	106	3244	0.155	ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	9407	1.093	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.46	75	521	0.419	ug/L #	2

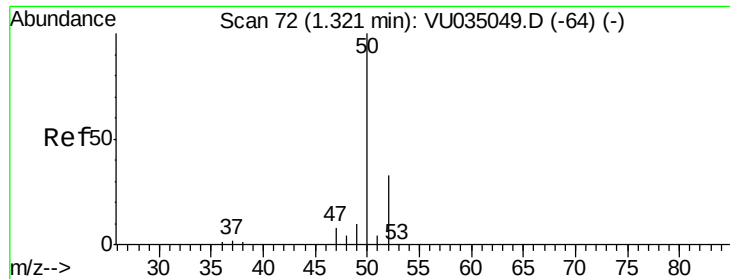
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.191 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

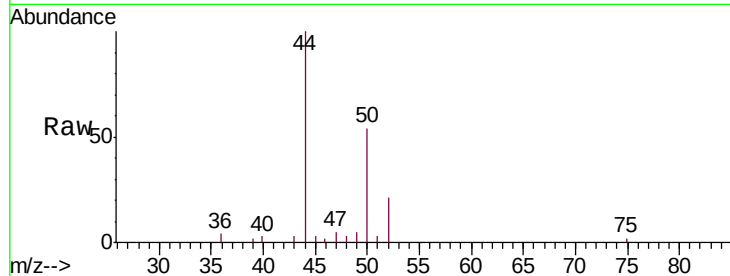
DBAW7

Tgt Ion: 50 Resp: 3124

Ion Ratio Lower Upper

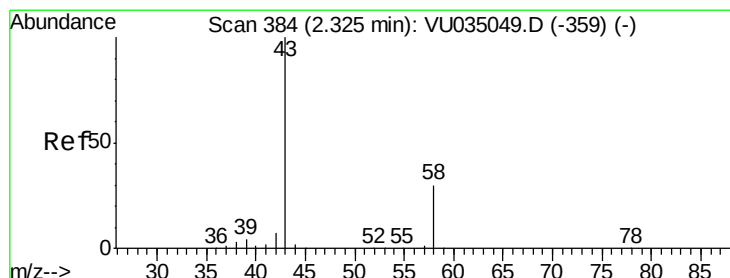
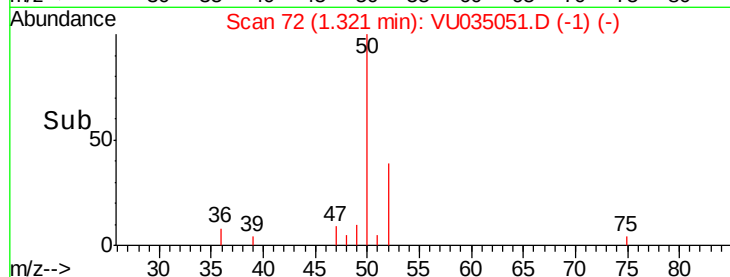
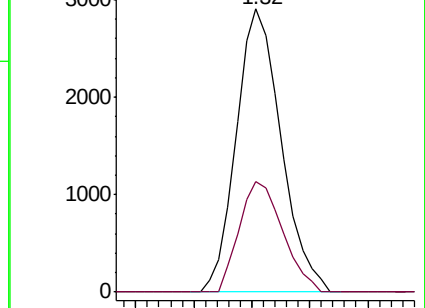
50 100

52 39.2 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VU035049.D (-64) (-)

Ion 52.05 (51.75 to 52.75): VU035049.D (-64) (-)



#13

Acetone

Concen: 1.502 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU035051.D

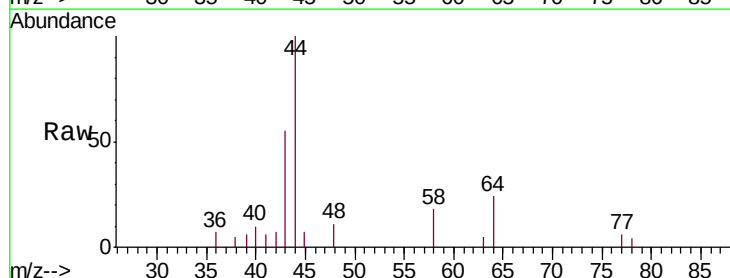
Acq: 10 Oct 2019 16:32

Tgt Ion: 43 Resp: 3500

Ion Ratio Lower Upper

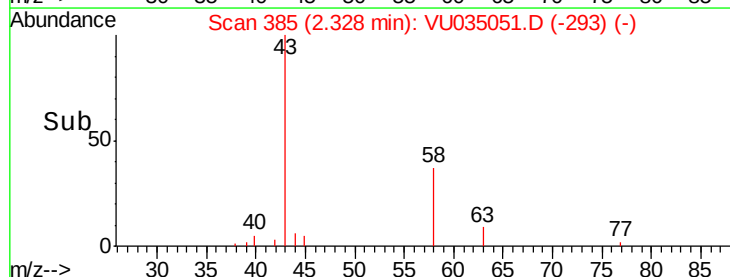
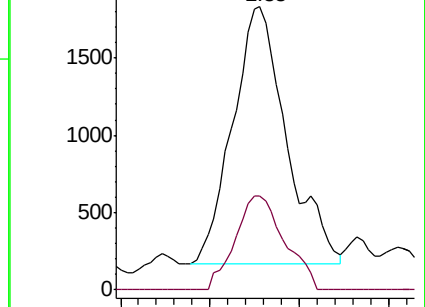
43 100

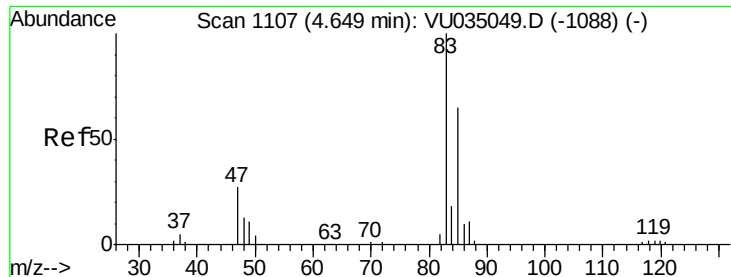
58 33.4 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU035049.D (-359) (-)

Ion 58.05 (57.75 to 58.75): VU035049.D (-359) (-)

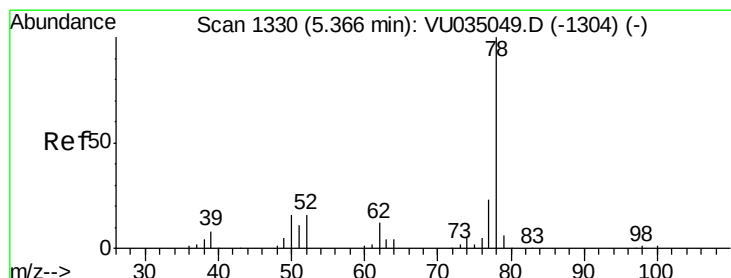
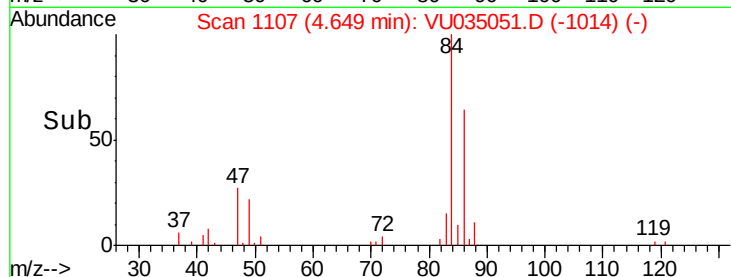
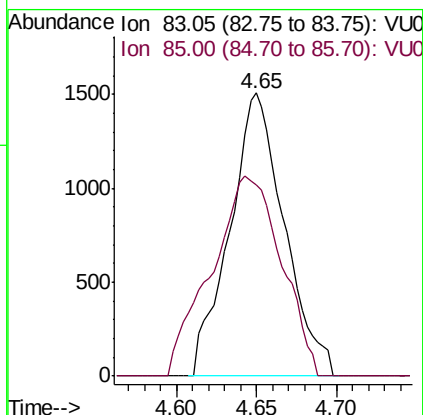
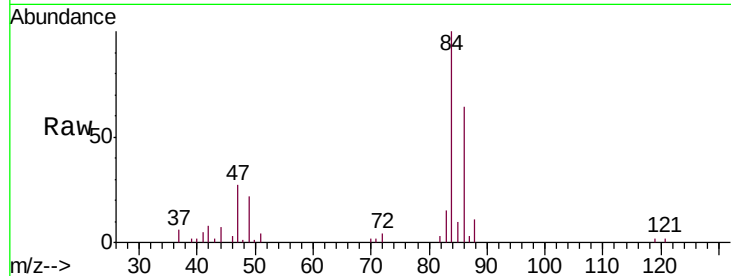




#25
Chloroform
Concen: 0.140 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU035051.D
Acq: 10 Oct 2019 16:32

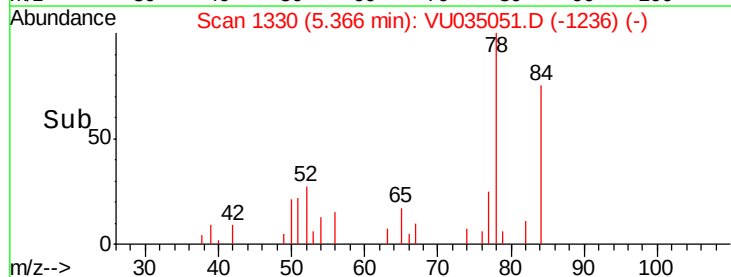
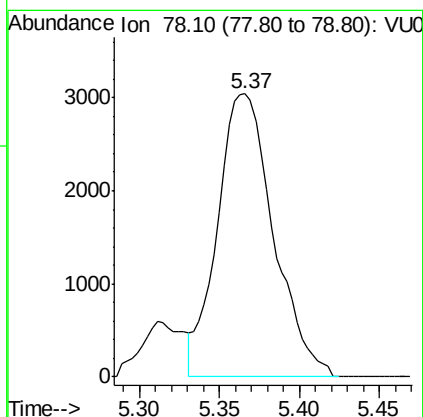
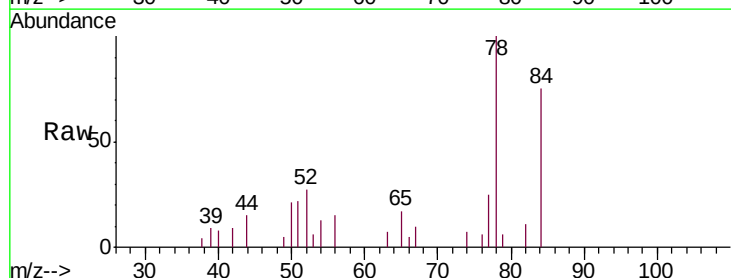
Instrument :
MSVOA_U
ClientSampleId :
DBAW7

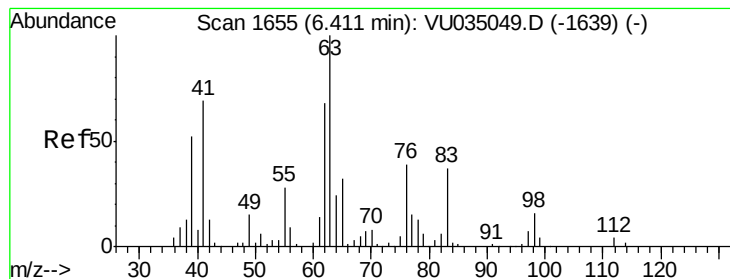
Tgt Ion: 83 Resp: 3523
Ion Ratio Lower Upper
83 100
85 67.4 45.4 84.4



#33
Benzene
Concen: 0.148 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU035051.D
Acq: 10 Oct 2019 16:32

Tgt Ion: 78 Resp: 7309





#37

1,2-Dichloropropane

Concen: 0.482 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

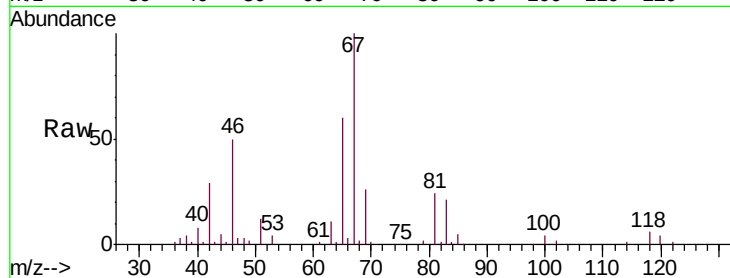
DBAW7

Tgt Ion: 63 Resp: 6402

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU035049.D (-1639) (-)

Ion 112.10 (111.80 to 112.80): VU035049.D (-1639) (-)

6.31

3000

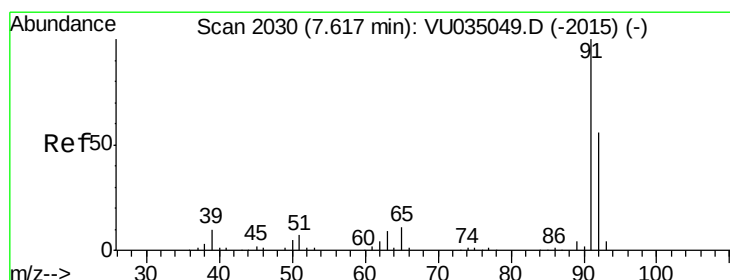
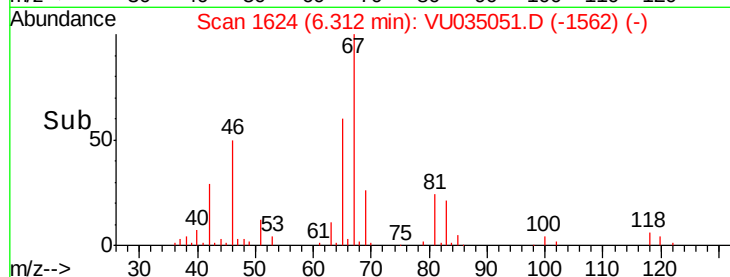
2000

1000

0

6.25 6.30 6.35

Time-->



#42

Toluene

Concen: 0.465 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.01 min

Lab File: VU035051.D

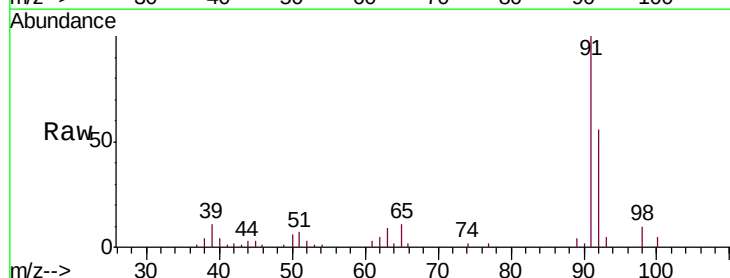
Acq: 10 Oct 2019 16:32

Tgt Ion: 91 Resp: 23932

Ion Ratio Lower Upper

91 100

92 55.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU035049.D (-2015) (-)

7.62

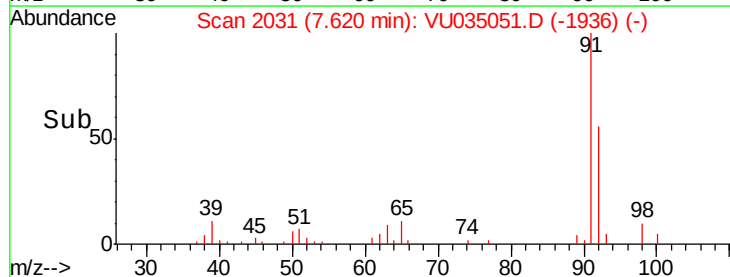
10000

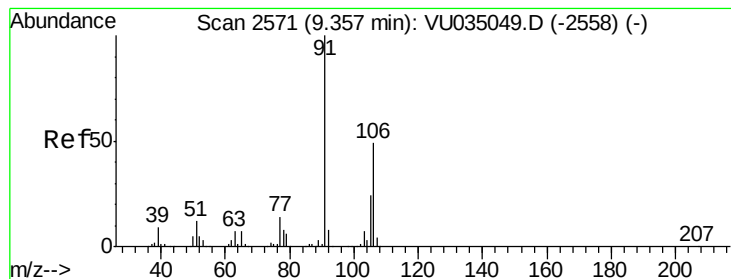
5000

0

7.55 7.60 7.65 7.70

Time-->





#53

m,p-Xylene

Concen: 0.155 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

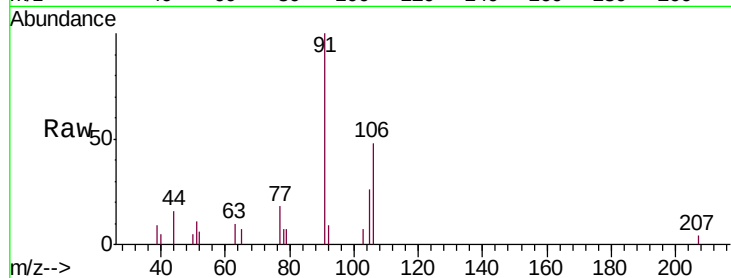
DBAW7

Tgt Ion: 106 Resp: 3244

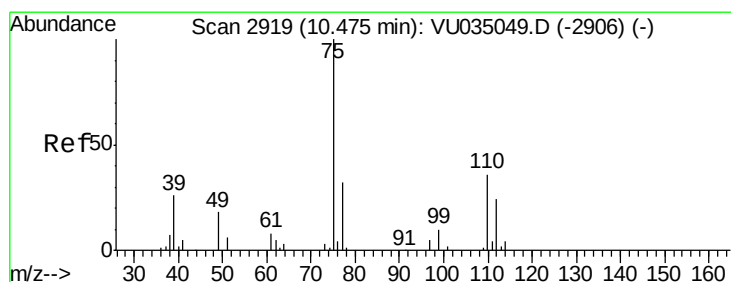
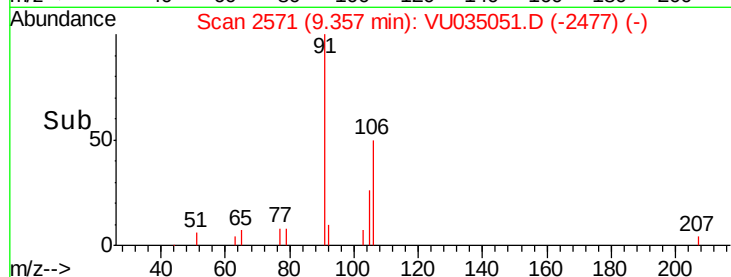
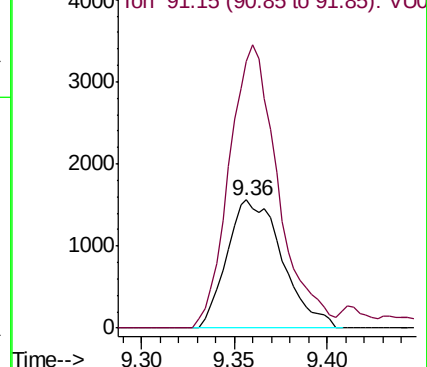
Ion Ratio Lower Upper

106 100

91 207.7 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): VU035049.D (-2558) (-)



#59

1,2,3-Trichloropropane

Concen: 1.093 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 1.00 min

Lab File: VU035051.D

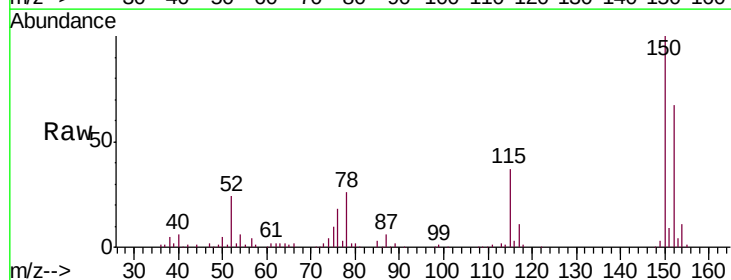
Acq: 10 Oct 2019 16:32

Tgt Ion: 75 Resp: 9407

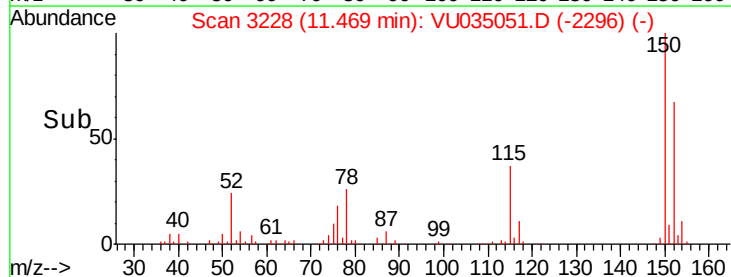
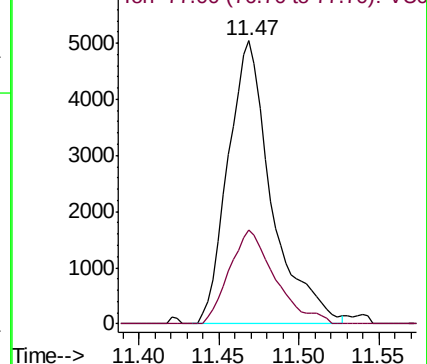
Ion Ratio Lower Upper

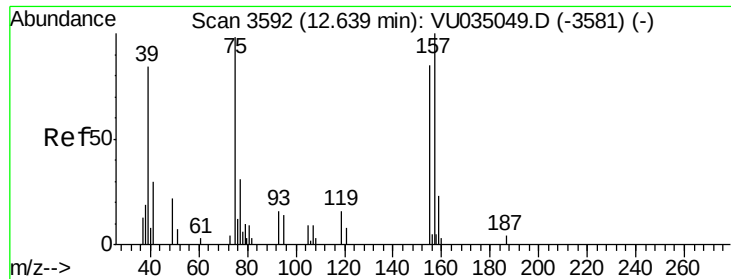
75 100

77 34.7 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU035049.D (-2906) (-)





#66

1,2-Dibromo-3-chloropropane

Concen: 0.419 ug/L

RT: 12.46 min Scan# 3537

Delta R.T. -0.17 min

Lab File: VU035051.D

Acq: 10 Oct 2019 16:32

Instrument :

MSVOA_U

ClientSampleId :

DBAW7

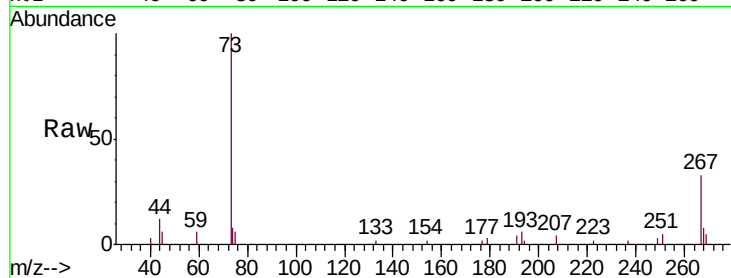
Tgt Ion: 75 Resp: 521

Ion Ratio Lower Upper

75 100

155 0.0 67.1 100.7#

157 0.0 83.7 125.5#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

