

Data File : VU035053.D
Acq On : 10 Oct 2019 17:21
Operator : JC/SP
Sample : K5309-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Quant Time: Oct 11 04:43:27 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	170106	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	171691	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	67524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	36840	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	39194	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.26	63	56928	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	4.17	46	152273	51.42	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.84%
24) Chloroform-d	4.62	84	84674	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.29	65	51550	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.32	84	173334	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.31	67	64506	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.55	98	151640	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	7.84	79	17764	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.30	63	110584	48.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.00%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	57458	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	57148	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

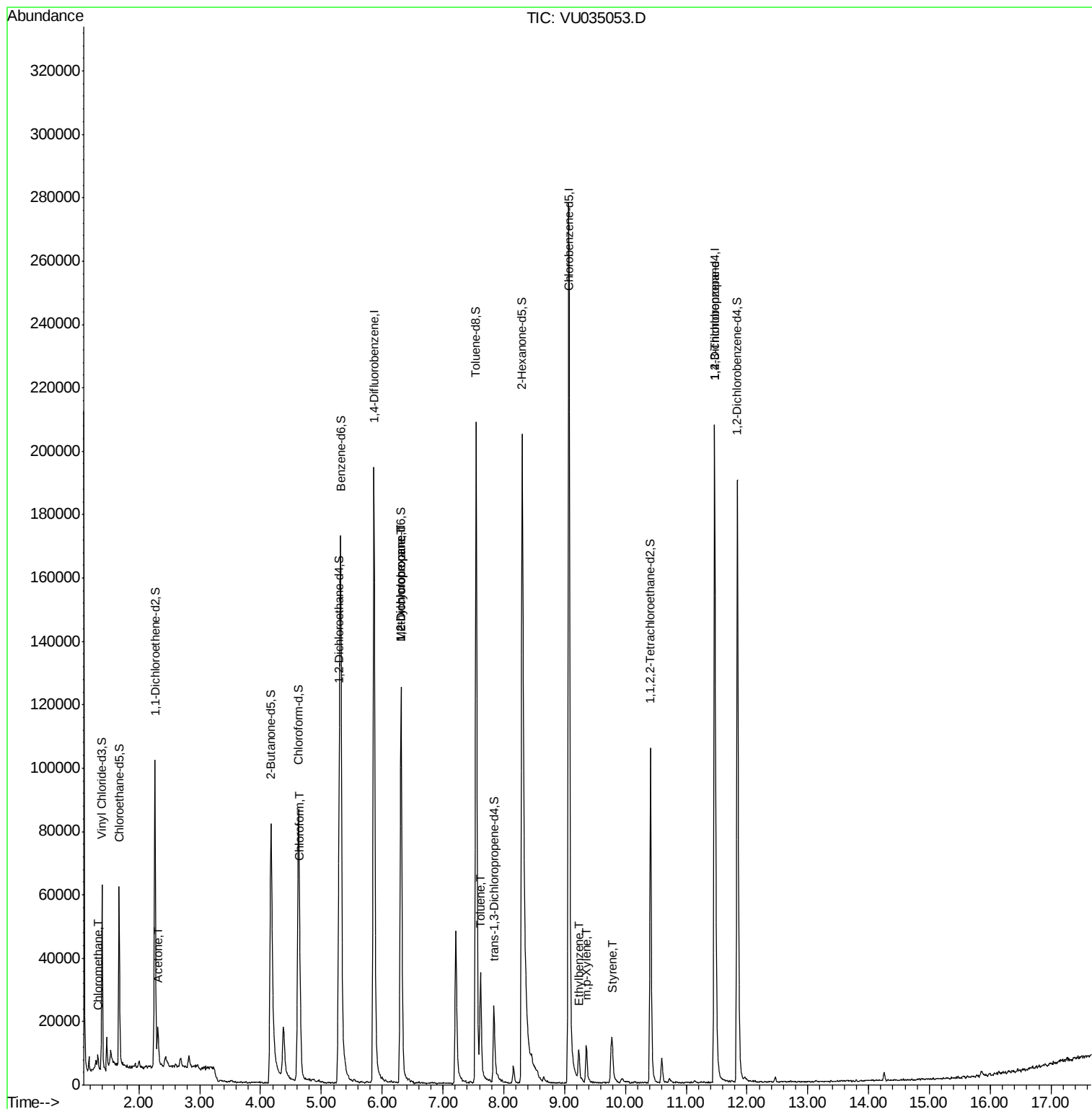
					Qvalue
3) Chloromethane	1.33	50	2475	0.145 ug/L	91
13) Acetone	2.31	43	13805	5.692 ug/L	89
25) Chloroform	4.65	83	12942	0.495 ug/L	100
35) Methylcyclohexane	6.31	83	13770	0.637 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6966	0.499 ug/L #	88
42) Toluene	7.62	91	25359	0.470 ug/L	99
52) Ethylbenzene	9.24	91	7326	0.123 ug/L	96
53) m,p-Xylene	9.36	106	4035	0.183 ug/L	88
55) Styrene	9.78	104	7380	0.212 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	9080	1.006 ug/L	94

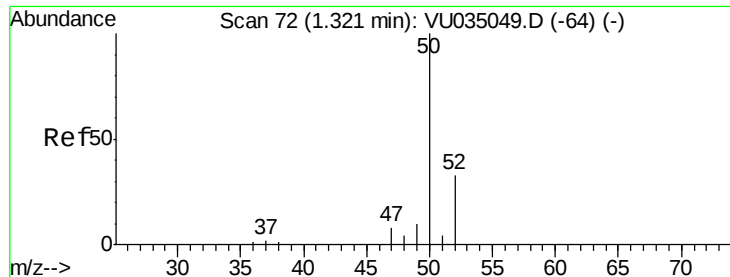
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035053.D
Acq On : 10 Oct 2019 17:21
Operator : JC/SP
Sample : K5309-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TB-191007-01

Quant Time: Oct 11 04:43:27 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





#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VU035053.D

Acq: 10 Oct 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

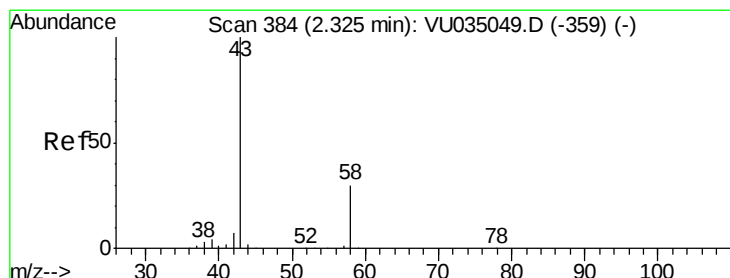
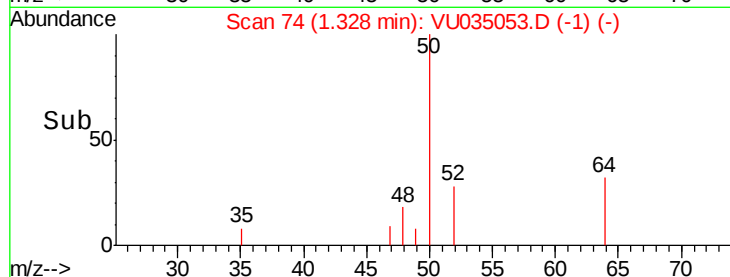
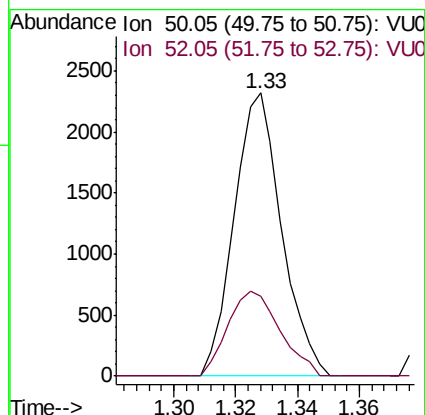
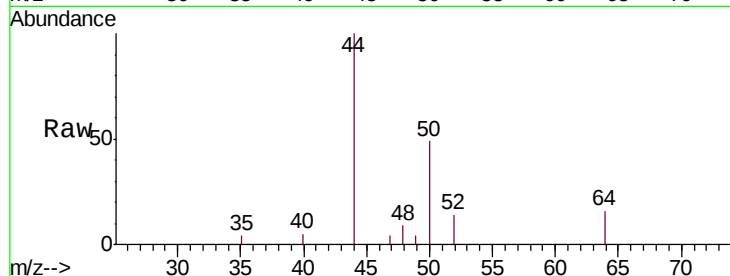
TB-191007-01

Tgt Ion: 50 Resp: 2475

Ion Ratio Lower Upper

50 100

52 28.2 23.3 43.3



#13

Acetone

Concen: 5.692 ug/L

RT: 2.31 min Scan# 380

Delta R.T. -0.02 min

Lab File: VU035053.D

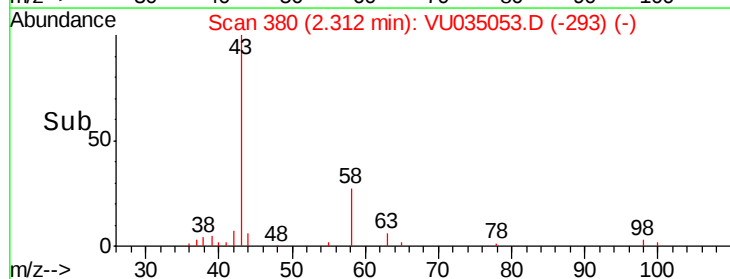
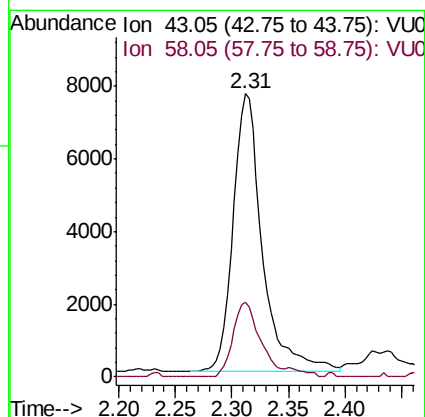
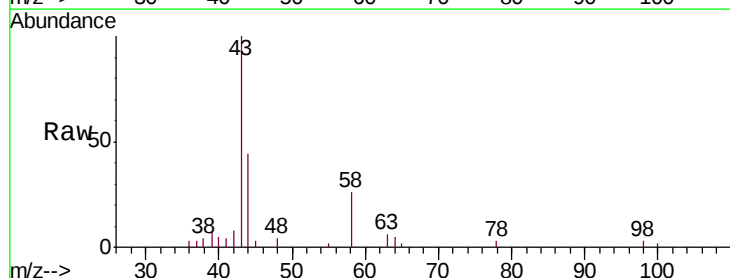
Acq: 10 Oct 2019 17:21

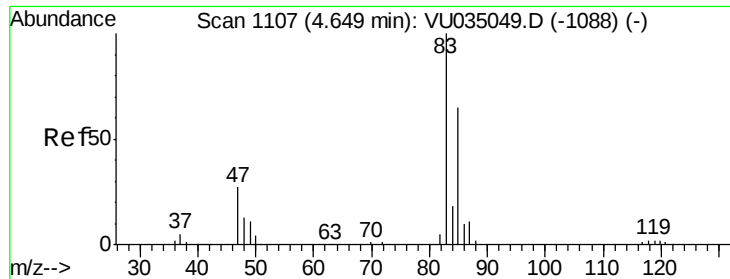
Tgt Ion: 43 Resp: 13805

Ion Ratio Lower Upper

43 100

58 26.9 0.0 66.6





#25

Chloroform

Concen: 0.495 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VU035053.D

Acq: 10 Oct 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

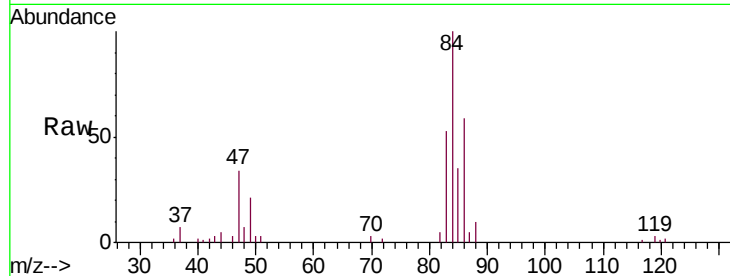
TB-191007-01

Tgt Ion: 83 Resp: 12942

Ion Ratio Lower Upper

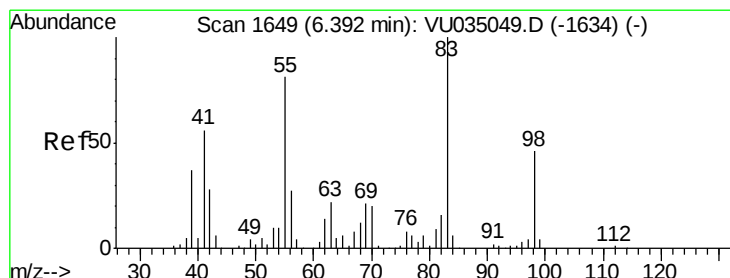
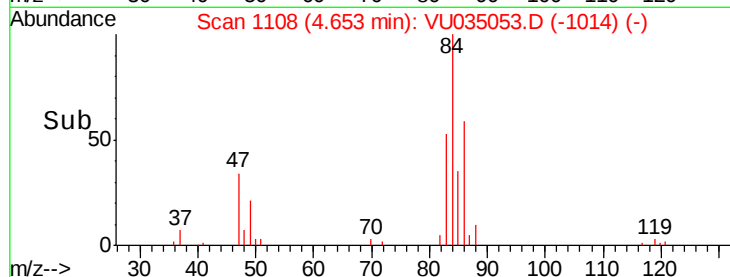
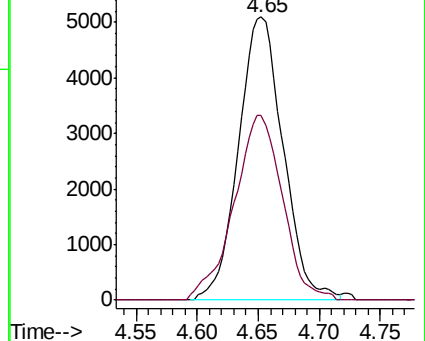
83 100

85 65.2 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU035049.D (-1088) (-)

Ion 85.00 (84.70 to 85.70): VU035049.D (-1088) (-)



#35

Methylcyclohexane

Concen: 0.637 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU035053.D

Acq: 10 Oct 2019 17:21

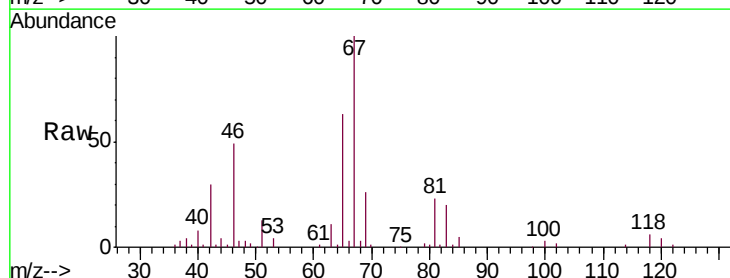
Tgt Ion: 83 Resp: 13770

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

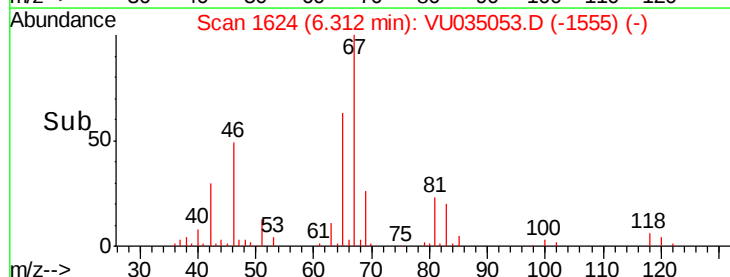
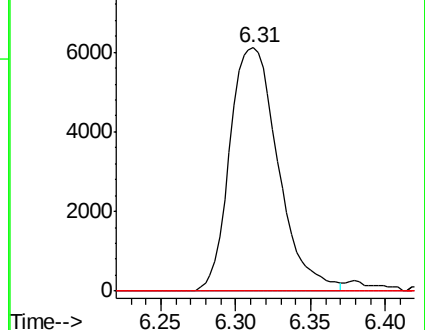
98 0.0 36.2 54.2#

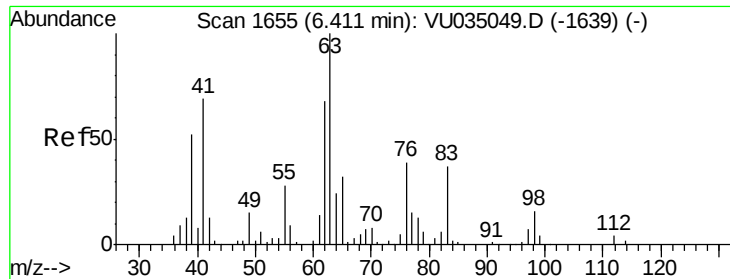


Abundance Ion 83.15 (82.85 to 83.85): VU035049.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VU035049.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VU035049.D (-1634) (-)

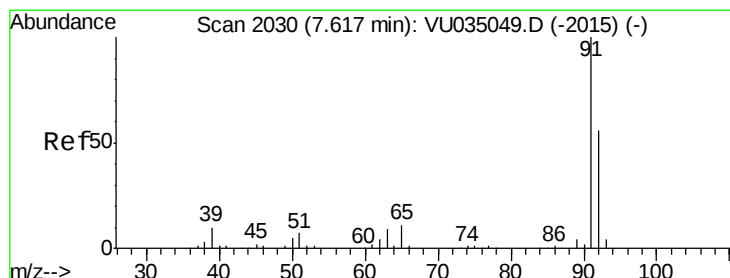
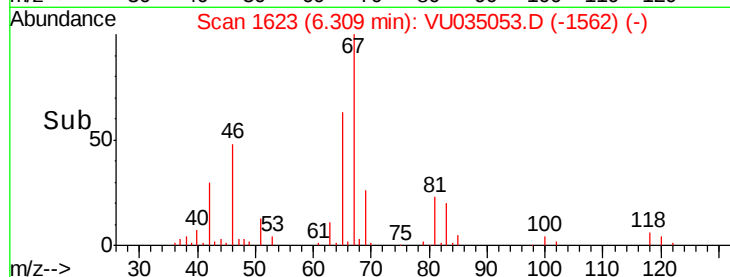
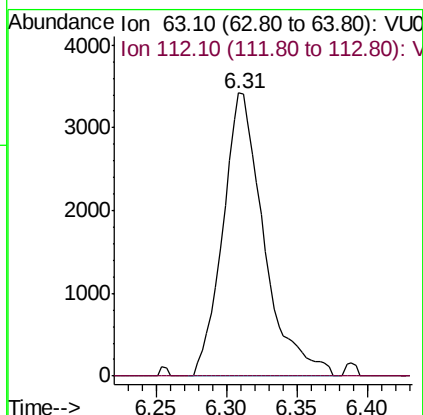
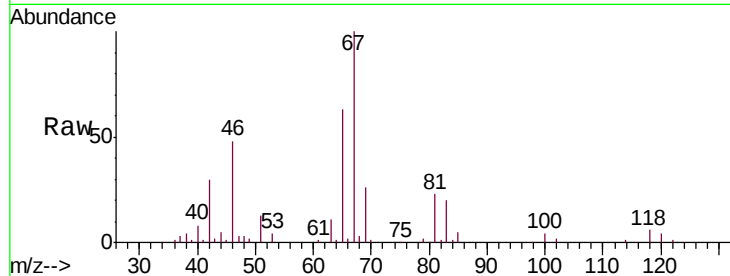




#37
 1,2-Dichloropropane
 Concen: 0.499 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU035053.D
 Acq: 10 Oct 2019 17:21

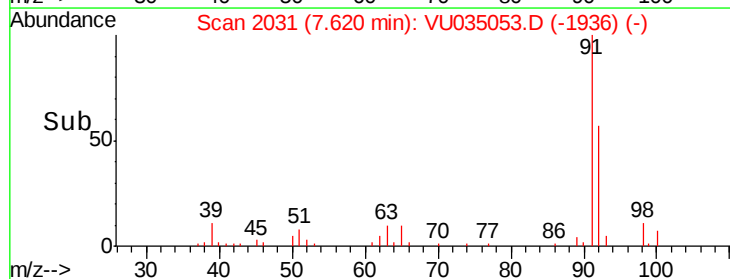
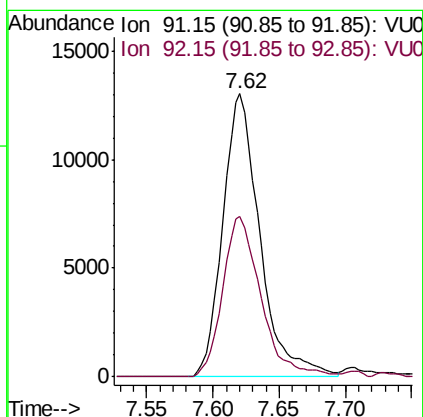
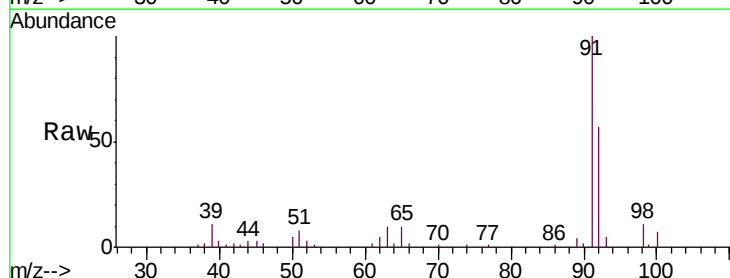
Instrument :
 MSVOA_U
 ClientSampleId :
 TB-191007-01

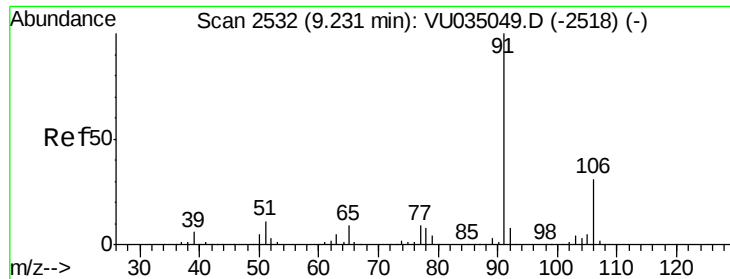
Tgt Ion: 63 Resp: 6966
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.470 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: VU035053.D
 Acq: 10 Oct 2019 17:21

Tgt Ion: 91 Resp: 25359
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.0 74.2





#52

Ethylbenzene

Concen: 0.123 ug/L

RT: 9.24 min Scan# 2534

Delta R.T. 0.01 min

Lab File: VU035053.D

Acq: 10 Oct 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

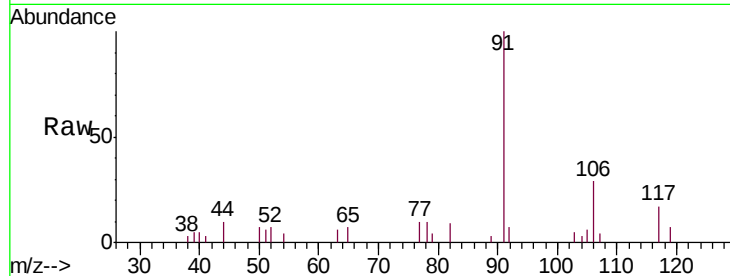
TB-191007-01

Tgt Ion: 91 Resp: 7326

Ion Ratio Lower Upper

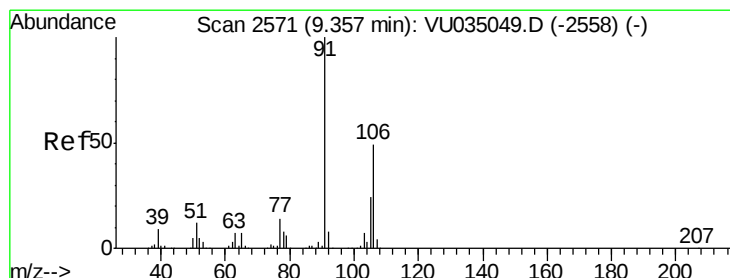
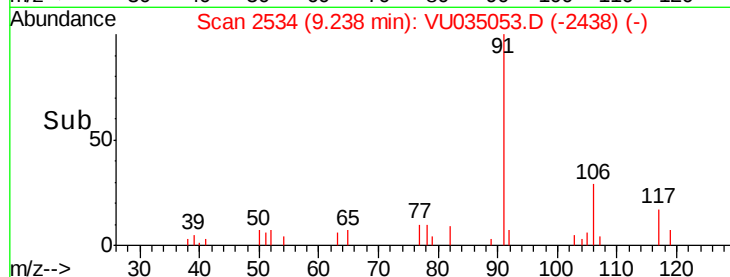
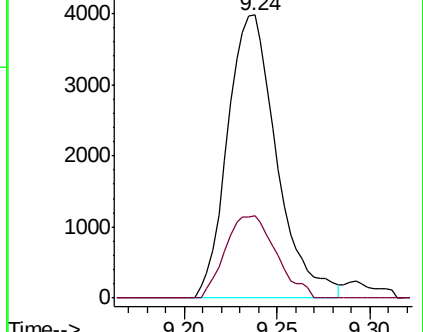
91 100

106 28.9 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VU035049.D (-2518) (-)

Ion 106.15 (105.85 to 106.85): VU035049.D (-2518) (-)



#53

m,p-Xylene

Concen: 0.183 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.01 min

Lab File: VU035053.D

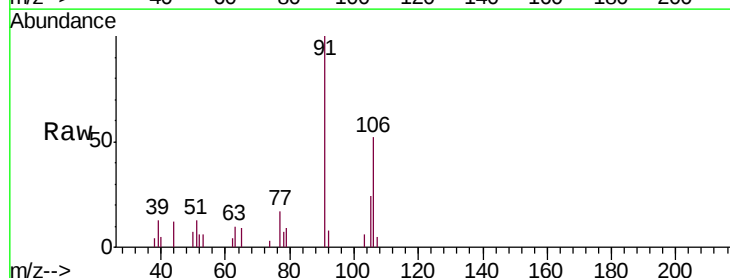
Acq: 10 Oct 2019 17:21

Tgt Ion: 106 Resp: 4035

Ion Ratio Lower Upper

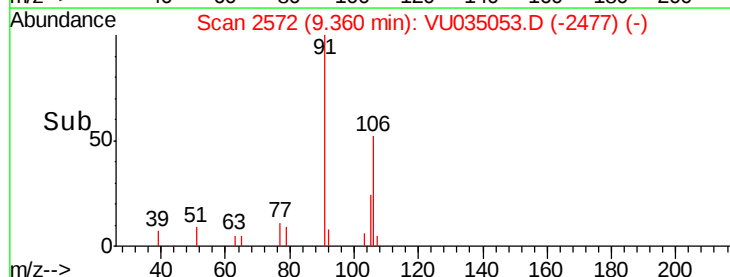
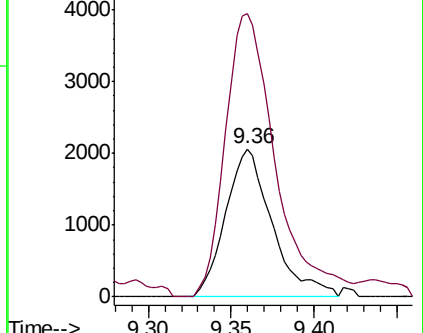
106 100

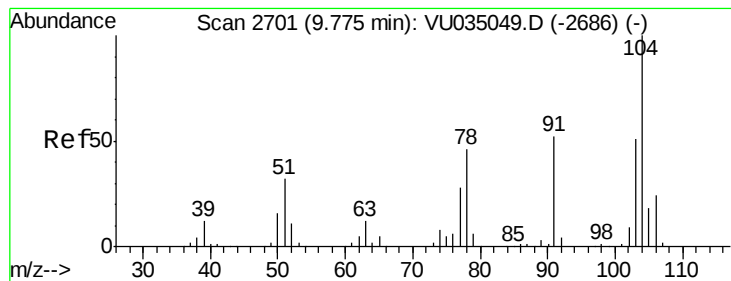
91 191.6 147.6 274.0



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

Ion 91.15 (90.85 to 91.85): VU035049.D (-2558) (-)





#55

Styrene

Concen: 0.212 ug/L

RT: 9.78 min Scan# 2704

Delta R.T. 0.01 min

Lab File: VU035053.D

Acq: 10 Oct 2019 17:21

Instrument :

MSVOA_U

ClientSampleId :

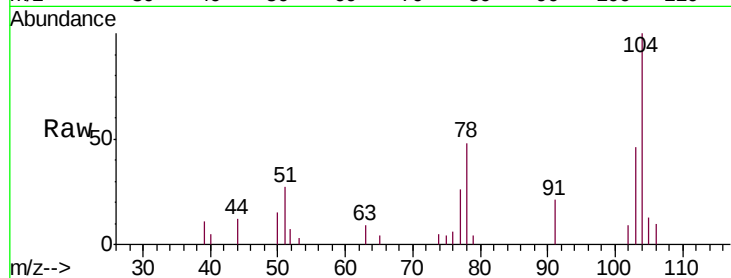
TB-191007-01

Tgt Ion: 104 Resp: 7380

Ion Ratio Lower Upper

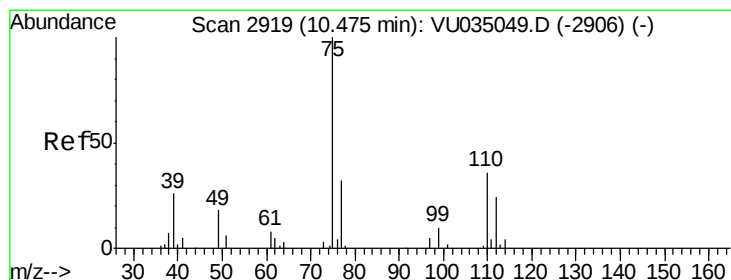
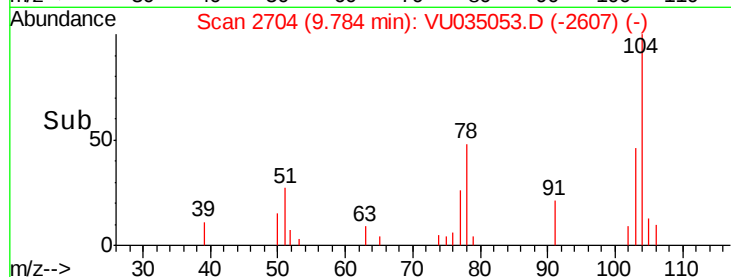
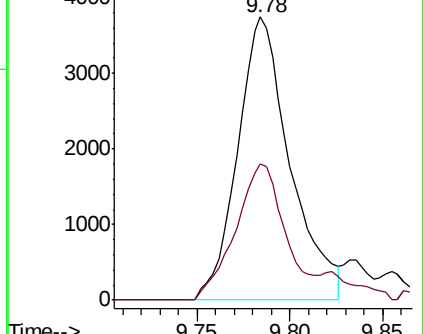
104 100

78 48.0 32.8 60.8



Abundance Ion 104.10 (103.80 to 104.80): VU035049.D (-2686) (-)

Ion 78.10 (77.80 to 78.80): VU035049.D (-2686) (-)



#59

1,2,3-Trichloropropane

Concen: 1.006 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 1.00 min

Lab File: VU035053.D

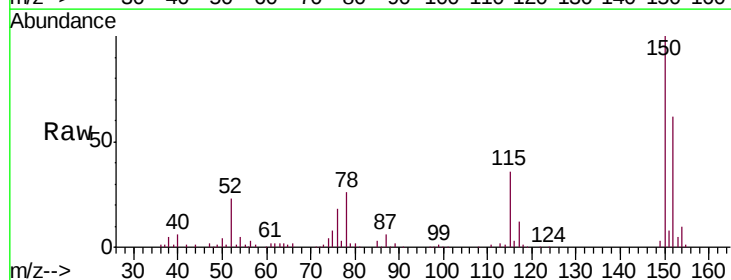
Acq: 10 Oct 2019 17:21

Tgt Ion: 75 Resp: 9080

Ion Ratio Lower Upper

75 100

77 36.7 26.5 39.7



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

Ion 77.00 (76.70 to 77.70): VU035049.D (-2906) (-)

