

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033272.D
 Acq On : 16 Jul 2019 19:02
 Operator : JC/SP
 Sample : K3772-09
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52P2

Quant Time: Jul 17 06:39:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 04:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	130048	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	135018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61127	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54988	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.67	69	48316	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.26	63	87526	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.17	46	105736	42.84	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.68%
24) Chloroform-d	4.62	84	85669	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.29	65	50100	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	176397	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.31	67	58661	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.55	98	154828	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.83	79	21868	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.30	63	92483	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	49925	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	60565	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

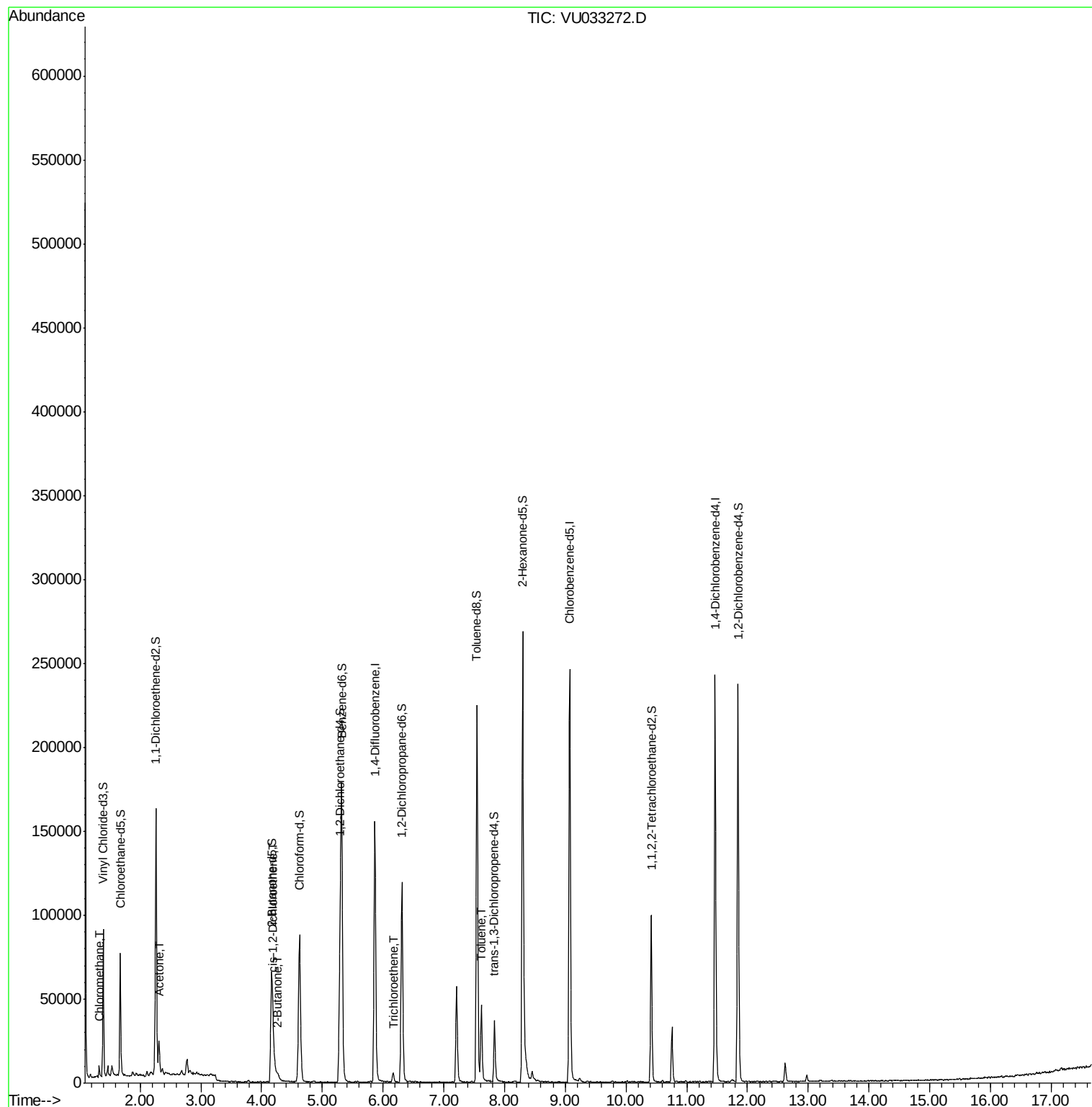
					Ovalue
3) Chloromethane	1.32	50	4168	0.320 ug/L	90
13) Acetone	2.31	43	20649	9.556 ug/L	97
21) 2-Butanone	4.26	43	5989	2.412 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	1473	0.148 ug/L	89
34) Trichloroethene	6.17	95	1697	0.168 ug/L	86
42) Toluene	7.62	91	34264	0.835 ug/L	97

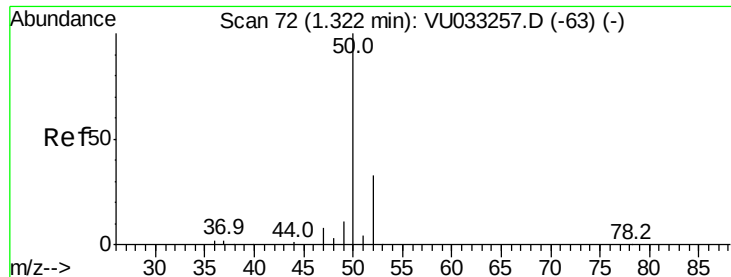
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071619\
Data File : VU033272.D
Acq On : 16 Jul 2019 19:02
Operator : JC/SP
Sample : K3772-09
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A52P2

Quant Time: Jul 17 06:39:51 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 17 04:42:24 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.320 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

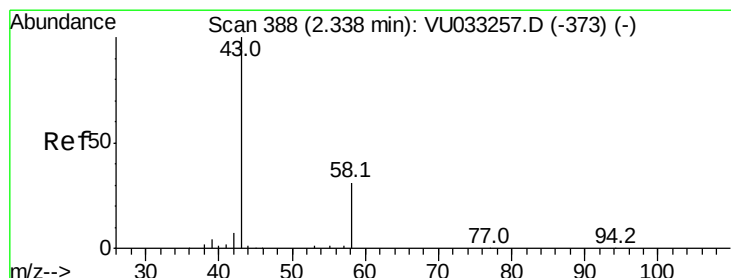
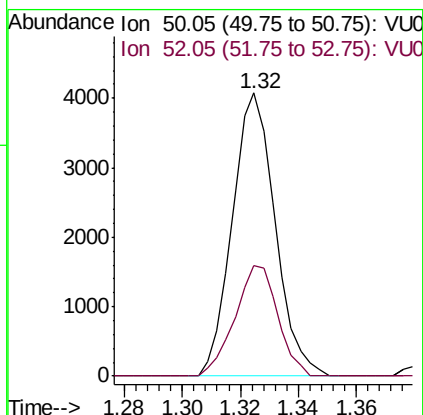
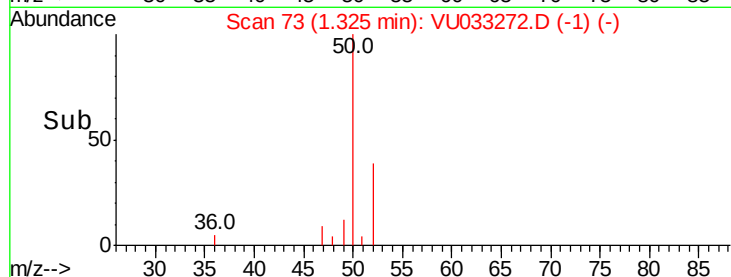
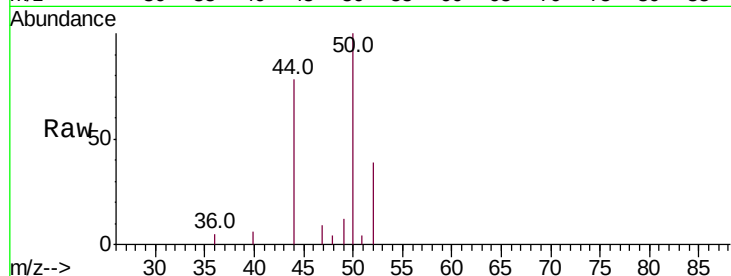
A52P2

Tot Ion: 50 Resp: 4168

Ion Ratio Lower Upper

50 100

52 39.2 23.3 43.3



#13

Acetone

Concen: 9.556 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU033272.D

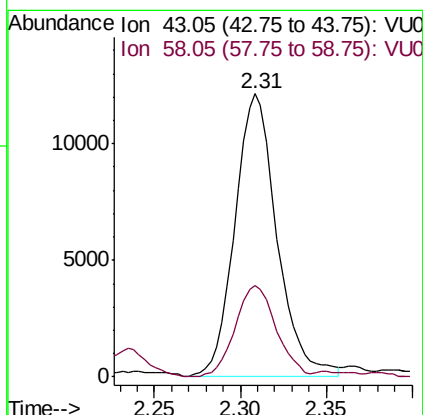
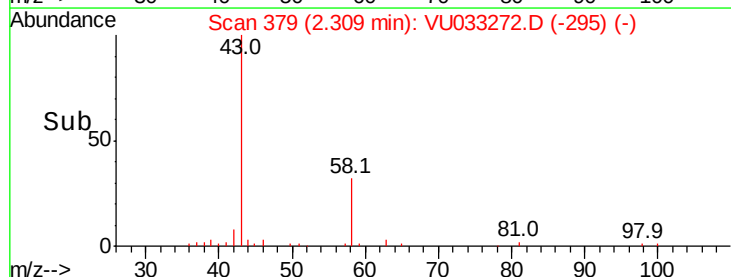
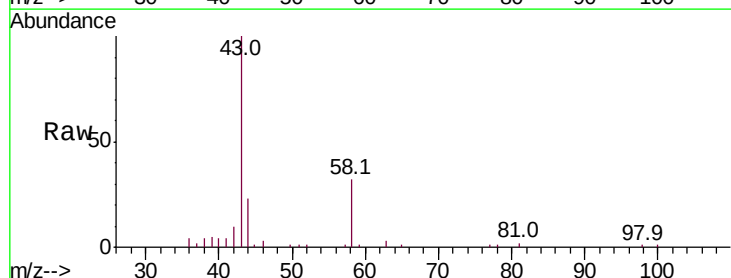
Acq: 16 Jul 2019 19:02

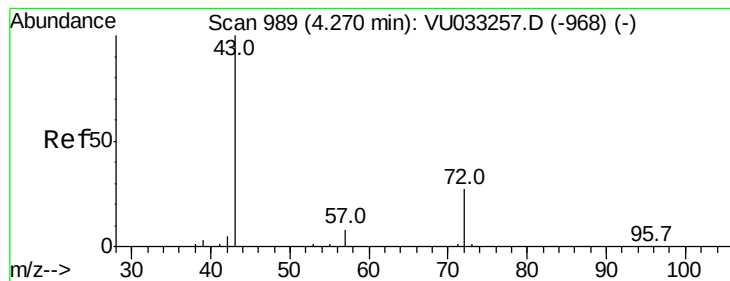
Tgt Ion: 43 Resp: 20649

Ion Ratio Lower Upper

43 100

58 31.4 0.0 66.6





#21

2-Butanone

Concen: 2.412 ug/L

RT: 4.26 min Scan# 987

Delta R.T. -0.01 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

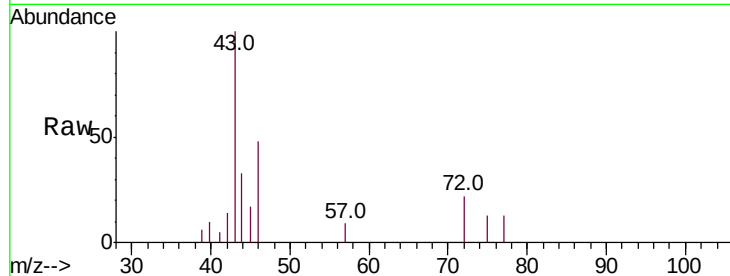
A52P2

Tot Ion: 43 Resp: 5989

Ion Ratio Lower Upper

43 100

72 25.7 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU033272.D (-896) (-)

Ion 72.10 (71.80 to 72.80): VU033272.D (-896) (-)

2500

2000

1500

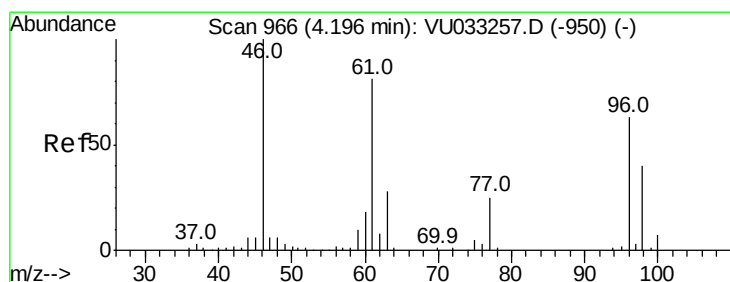
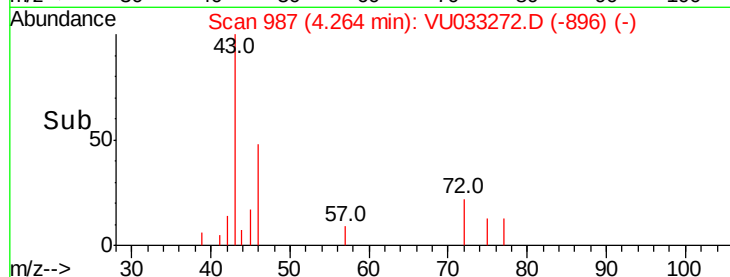
1000

500

0

4.15 4.20 4.25 4.30 4.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.148 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

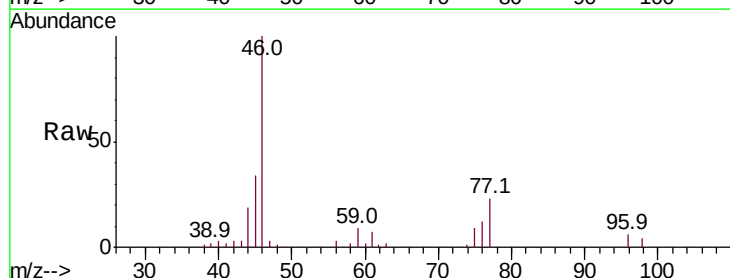
Tgt Ion: 96 Resp: 1473

Ion Ratio Lower Upper

96 100

61 115.0 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033272.D (-873) (-)

Ion 61.05 (60.75 to 61.75): VU033272.D (-873) (-)

Ion 68.15 (67.85 to 68.85): VU033272.D (-873) (-)

1000

800

600

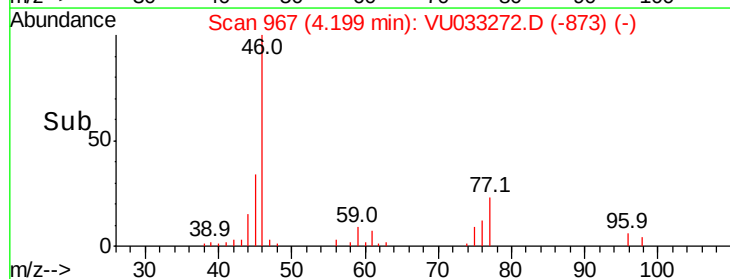
400

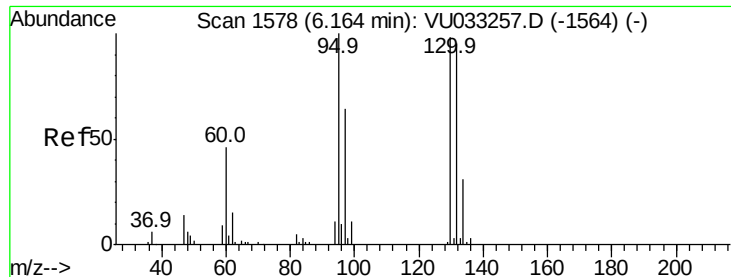
200

0

4.15 4.20 4.25

Time-->





#34

Trichloroethene

Concen: 0.168 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033272.D

Acq: 16 Jul 2019 19:02

Instrument :

MSVOA_U

ClientSampleId :

A52P2

Tot Ion: 95 Resp: 1697

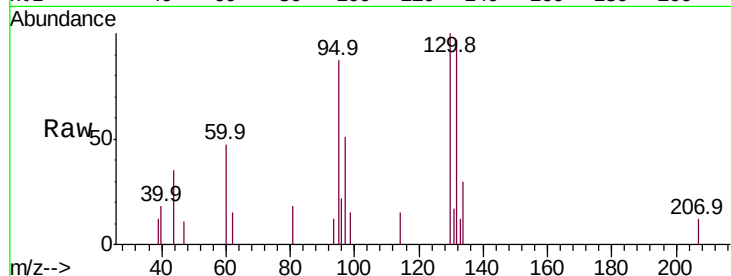
Ion Ratio Lower Upper

95 100

97 58.9 44.5 82.7

132 111.6 66.6 123.8

130 114.5 68.9 127.9

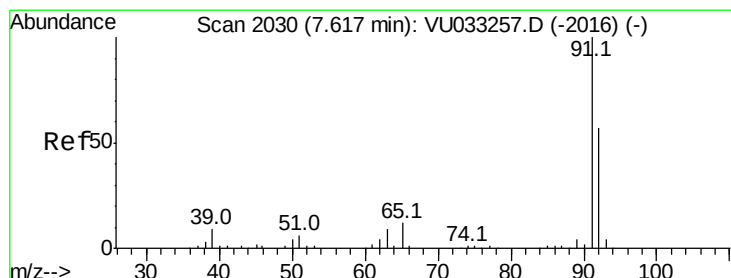
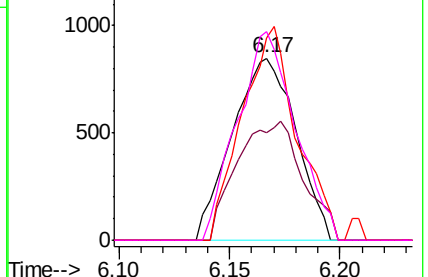
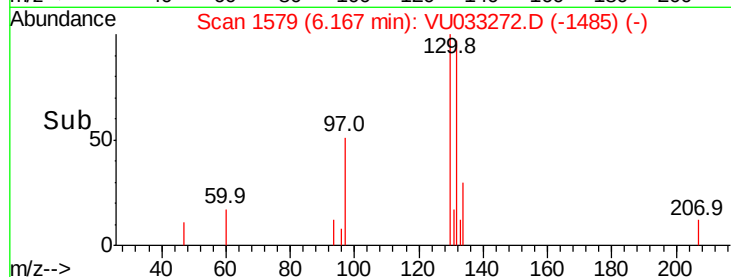


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 0.835 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. -0.00 min

Lab File: VU033272.D

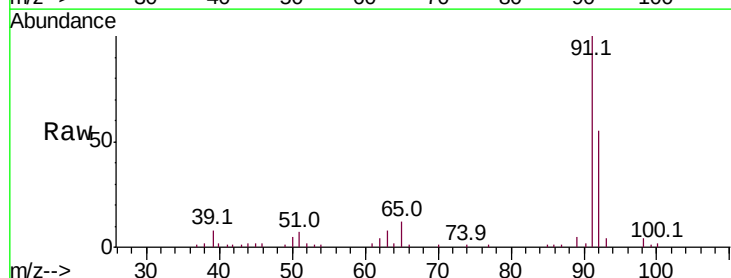
Acq: 16 Jul 2019 19:02

Tgt Ion: 91 Resp: 34264

Ion Ratio Lower Upper

91 100

92 54.7 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

