

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033273.D
 Acq On : 16 Jul 2019 19:26
 Operator : JC/SP
 Sample : K3772-10
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52P4

Quant Time: Jul 17 06:44:34 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	129421	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	134538	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	59969	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55106	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.67	69	48857	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.26	63	89090	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	4.17	46	98042	39.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.84%
24) Chloroform-d	4.62	84	85352	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.29	65	50879	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.32	84	174675	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.31	67	57091	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.55	98	153685	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	7.84	79	22539	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.30	63	94625	48.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.44%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	50343	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	61340	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

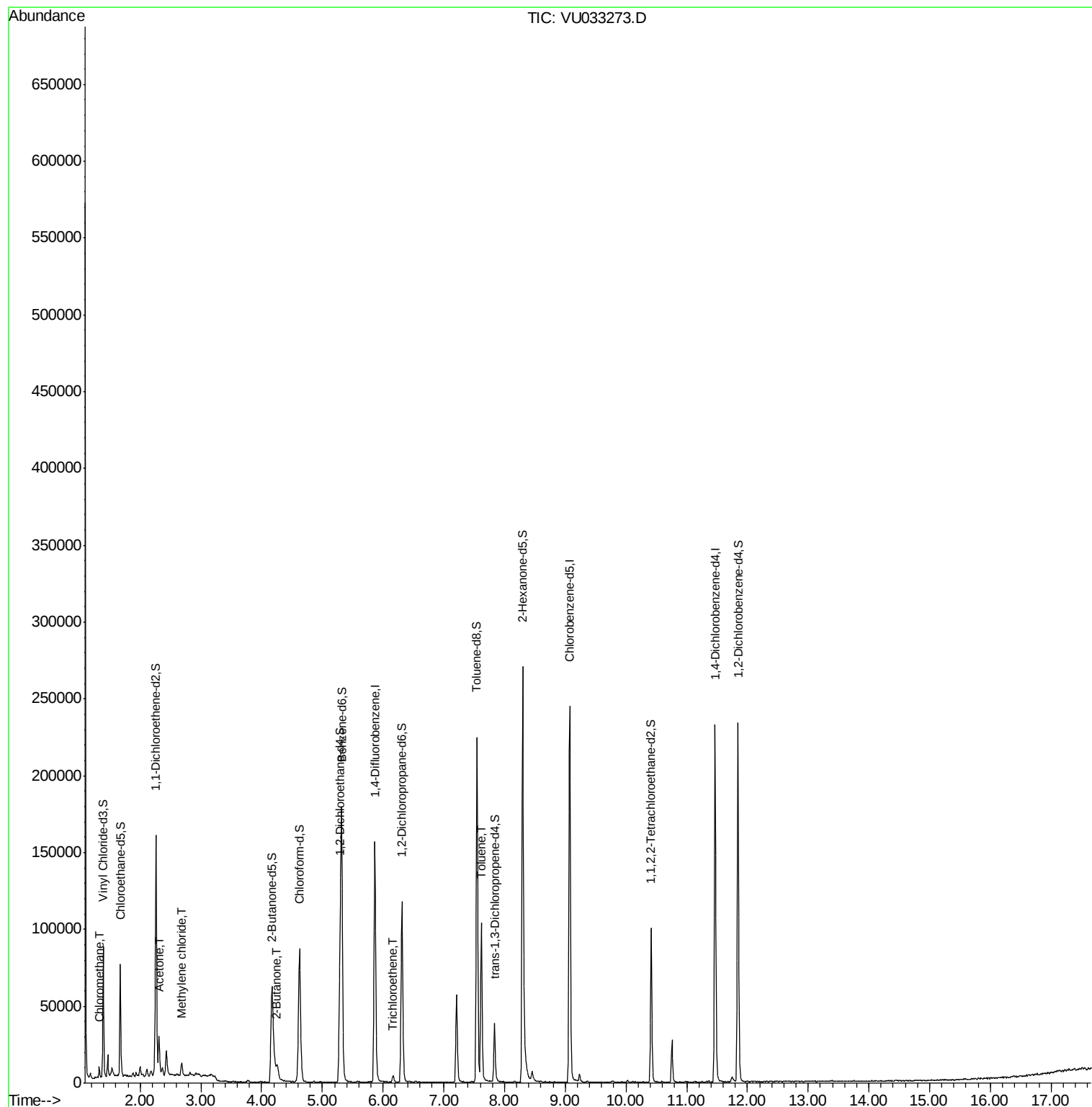
					Ovalue
3) Chloromethane	1.32	50	4610	0.355 ug/L	97
13) Acetone	2.31	43	24854	11.558 ug/L	99
16) Methylene chloride	2.68	84	2939	0.227 ug/L	85
21) 2-Butanone	4.25	43	14732	5.961 ug/L	100
34) Trichloroethene	6.17	95	1451	0.144 ug/L	89
42) Toluene	7.62	91	77978	1.906 ug/L	98

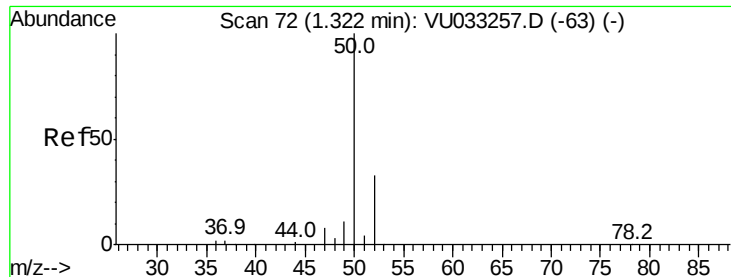
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.355 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

Instrument :

MSVOA_U

ClientSampleId :

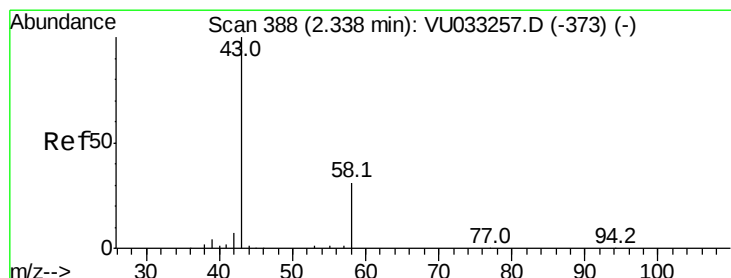
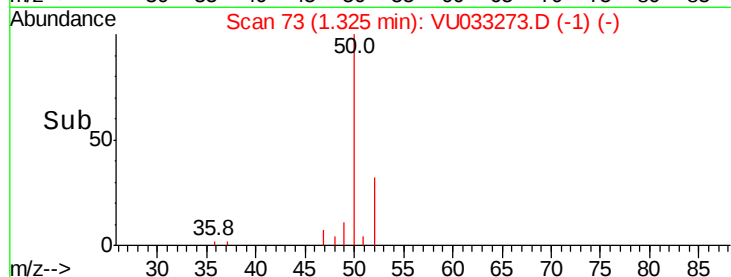
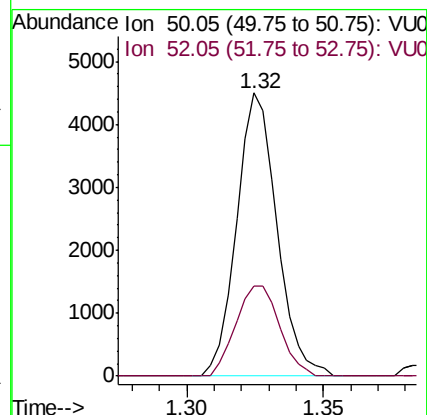
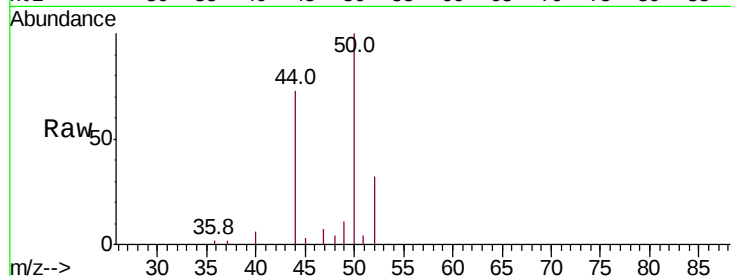
A52P4

Tot Ion: 50 Resp: 4610

Ion Ratio Lower Upper

50 100

52 31.7 23.3 43.3



#13

Acetone

Concen: 11.558 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.03 min

Lab File: VU033273.D

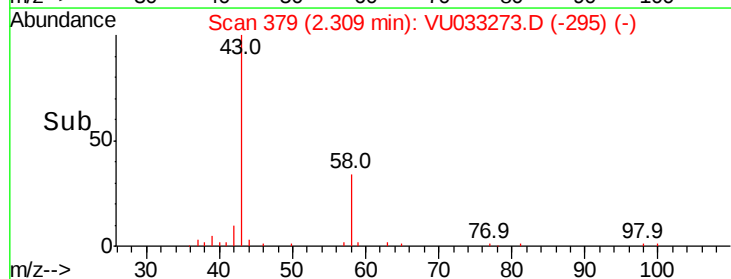
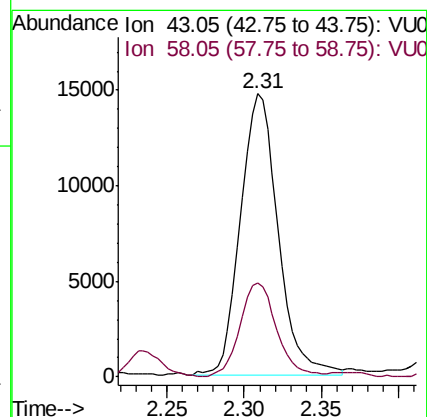
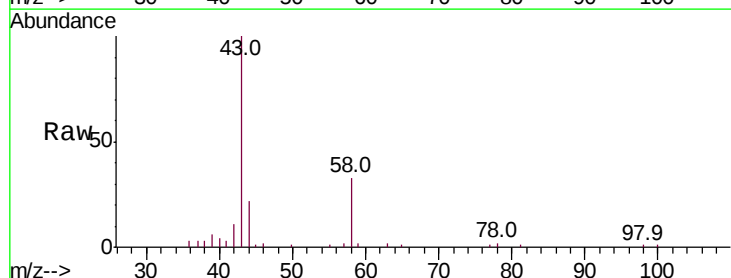
Acq: 16 Jul 2019 19:26

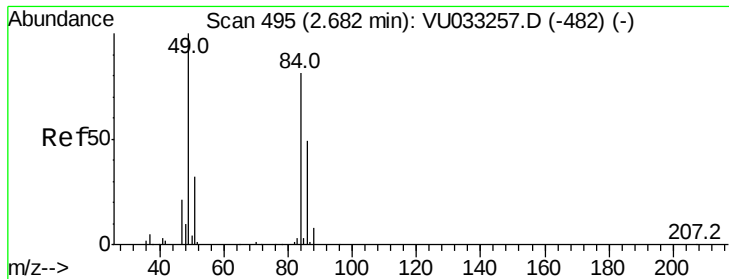
Tgt Ion: 43 Resp: 24854

Ion Ratio Lower Upper

43 100

58 32.7 0.0 66.6

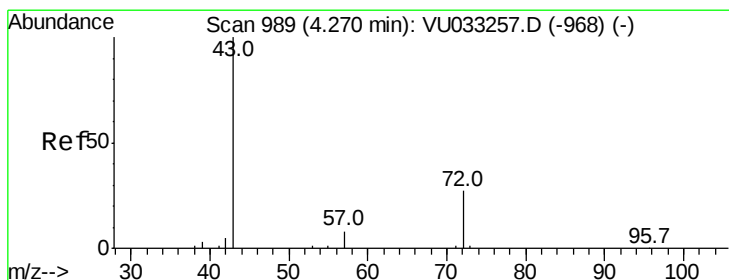
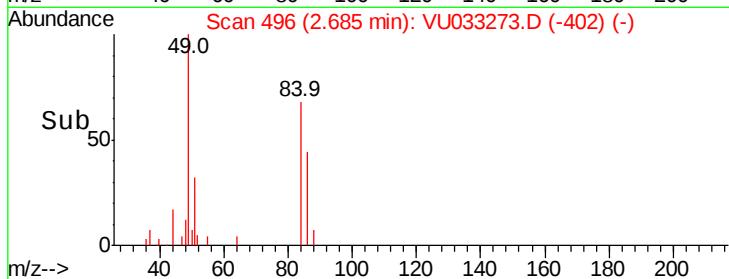
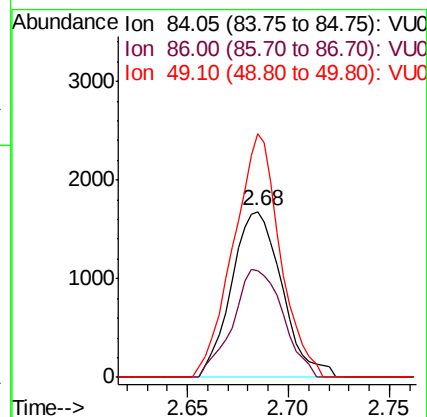
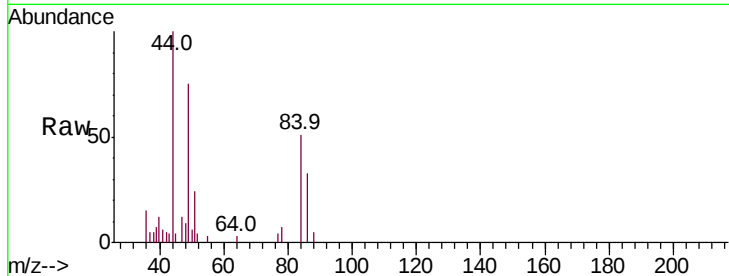




#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.68 min Scan# 496
Delta R.T. 0.00 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

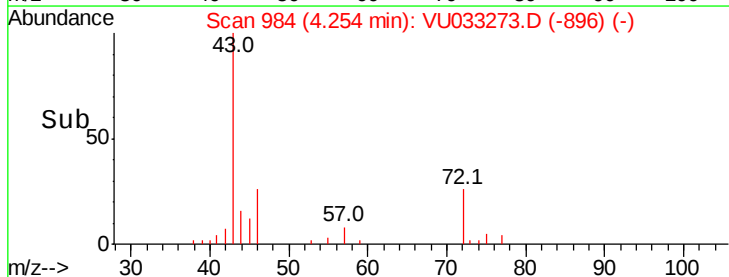
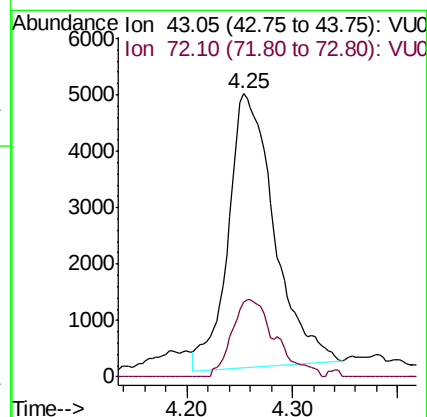
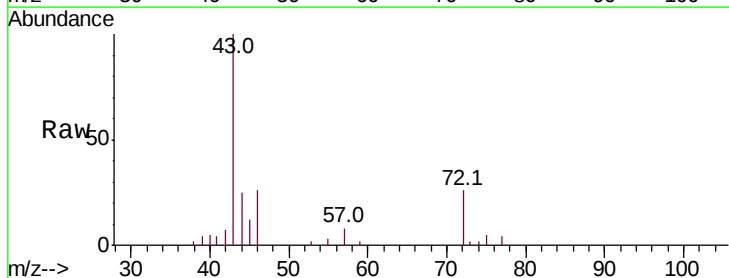
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A52P4

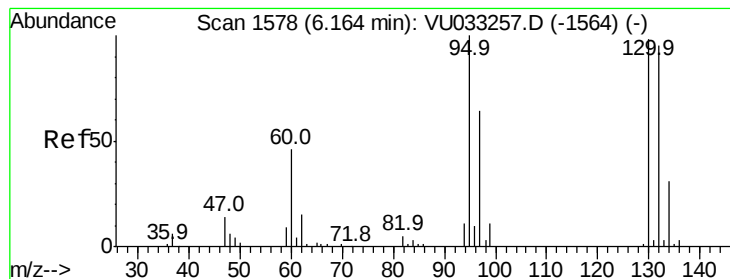
Tot Ion: 84 Resp: 2939
Ion Ratio Lower Upper
84 100
86 64.6 42.5 78.9
49 146.5 86.9 161.3



#21
2-Butanone
Concen: 5.961 ug/L
RT: 4.25 min Scan# 984
Delta R.T. -0.02 min
Lab File: VU033273.D
Acq: 16 Jul 2019 19:26

Tgt Ion: 43 Resp: 14732
Ion Ratio Lower Upper
43 100
72 26.9 13.5 40.4





#34

Trichloroethene

Concen: 0.144 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033273.D

Acq: 16 Jul 2019 19:26

Instrument :
MSVOA_U
ClientSampleId :
A52P4

Tot Ion: 95 Resp: 1451

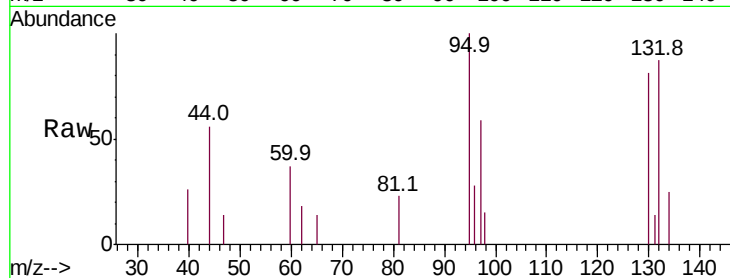
Ion Ratio Lower Upper

95 100

97 59.5 44.5 82.7

132 86.9 66.6 123.8

130 81.4 68.9 127.9

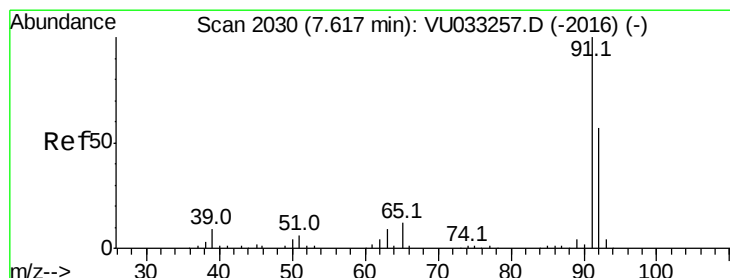
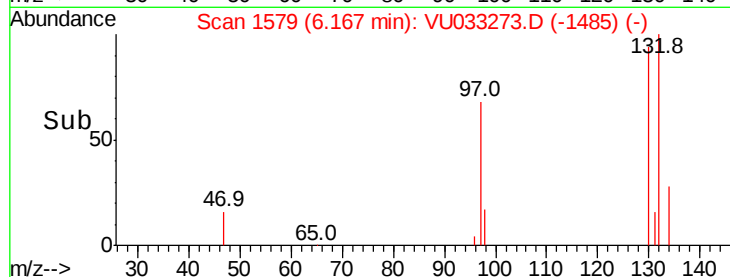
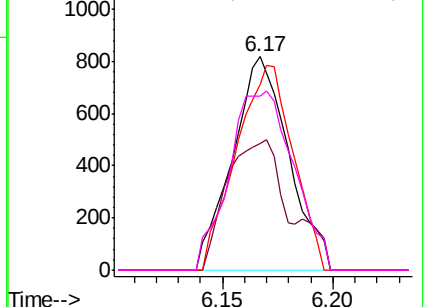


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.906 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033273.D

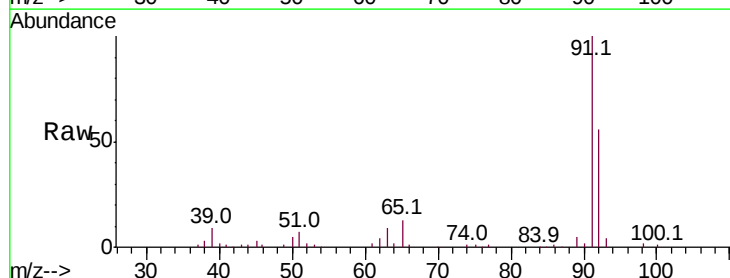
Acq: 16 Jul 2019 19:26

Tgt Ion: 91 Resp: 77978

Ion Ratio Lower Upper

91 100

92 56.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

