

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033292.D
 Acq On : 17 Jul 2019 15:58
 Operator : JC/SP
 Sample : K3772-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N2

Quant Time: Jul 18 09:05:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 08:01:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	120495	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	128830	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55002	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49073	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.67	69	44693	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.26	63	80904	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.00%
20) 2-Butanone-d5	4.17	46	97333	42.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.12%
24) Chloroform-d	4.62	84	84338	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.29	65	46662	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.32	84	160008	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.31	67	53537	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.55	98	140326	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	7.83	79	20232	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.30	63	76078	40.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.96%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	44366	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	54682	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

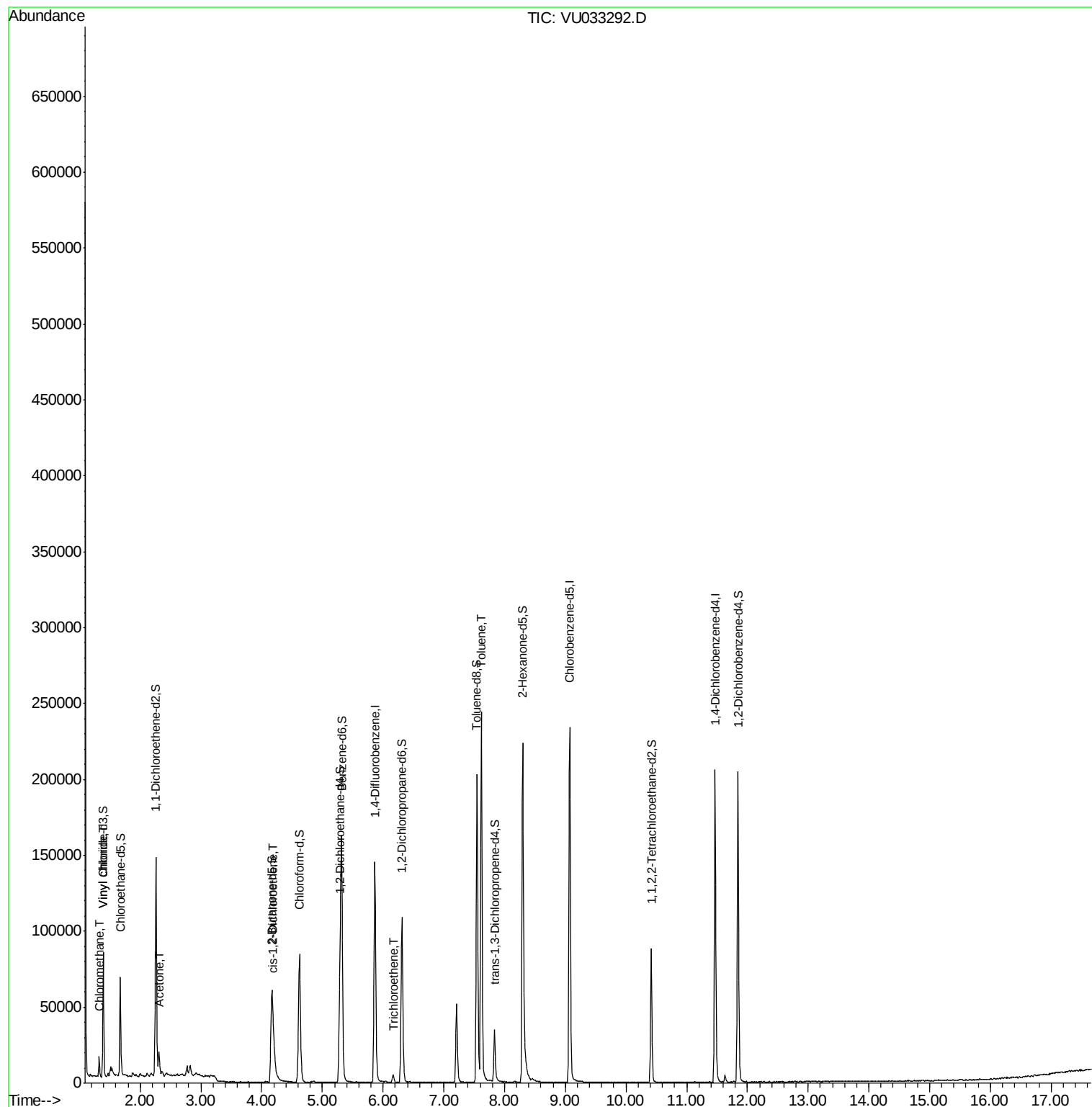
					Ovalue
3) Chloromethane	1.32	50	8967	0.743 ug/L	91
5) Vinyl chloride	1.40	62	5811	0.448 ug/L	85
13) Acetone	2.31	43	15237	7.610 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	5931	0.642 ug/L	92
34) Trichloroethene	6.17	95	1582	0.164 ug/L	93
42) Toluene	7.62	91	185382	4.733 ug/L	98

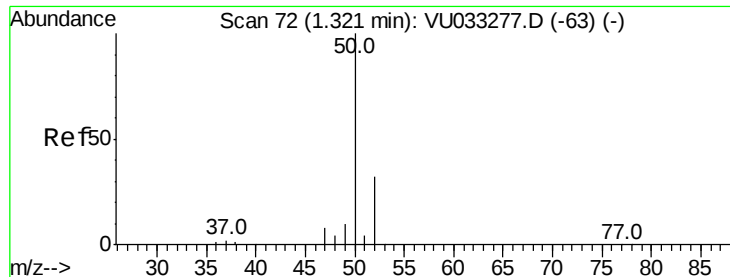
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.743 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

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ClientSampleId :

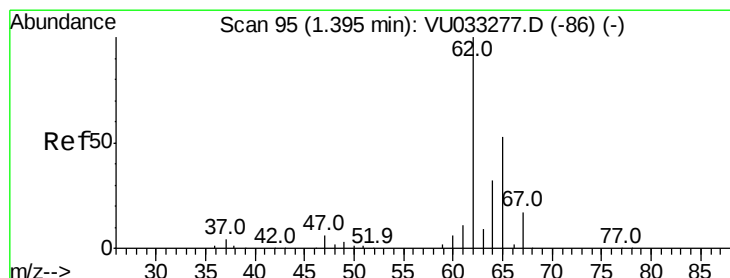
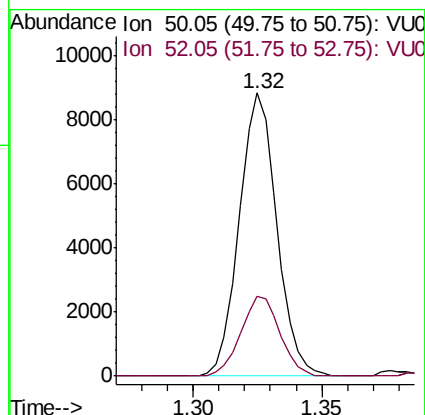
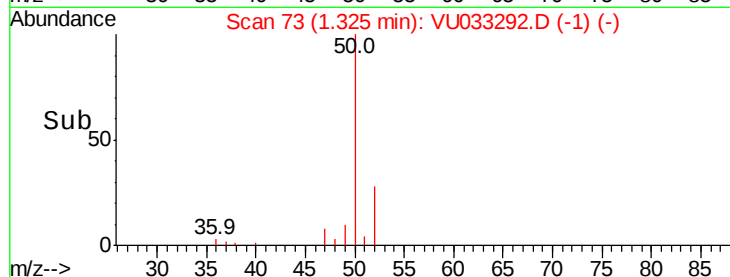
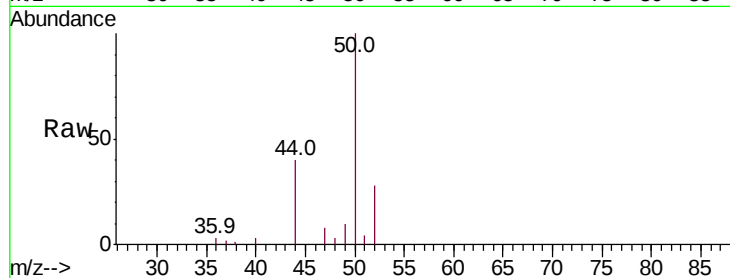
A52N2

Tot Ion: 50 Resp: 8967

Ion Ratio Lower Upper

50 100

52 28.2 23.3 43.3



#5

Vinyl chloride

Concen: 0.448 ug/L

RT: 1.40 min Scan# 95

Delta R.T. 0.00 min

Lab File: VU033292.D

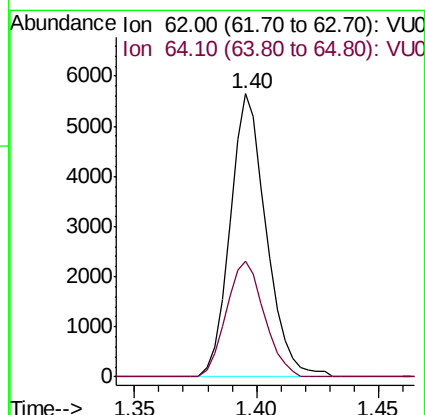
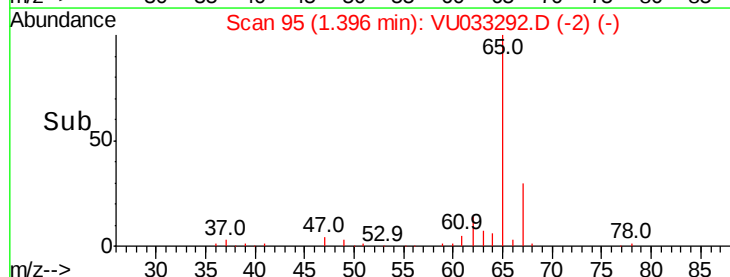
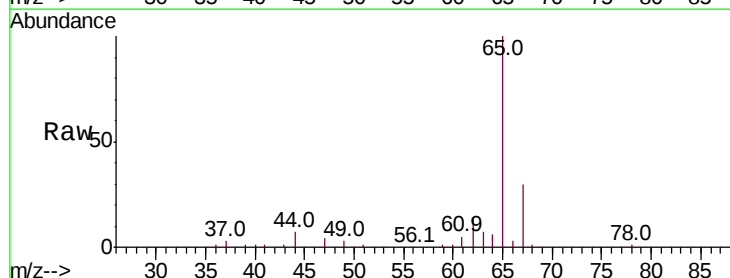
Acq: 17 Jul 2019 15:58

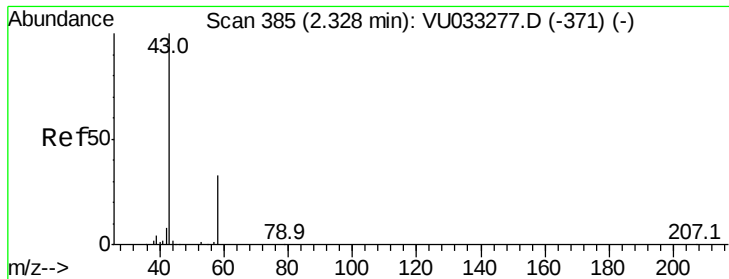
Tgt Ion: 62 Resp: 5811

Ion Ratio Lower Upper

62 100

64 40.8 22.8 42.4





#13

Acetone

Concen: 7.610 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.02 min

Lab File: VU033292.D

Acq: 17 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

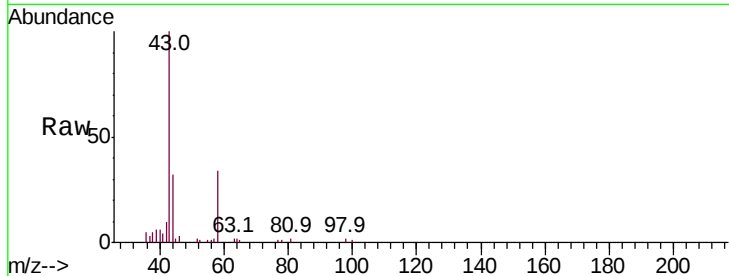
A52N2

Tot Ion: 43 Resp: 15237

Ion Ratio Lower Upper

43 100

58 31.8 0.0 66.6



Abundance Ion 43.05 (42.75 to 43.75): VU033277.D (-371) (-)

Ion 58.05 (57.75 to 58.75): VU033277.D (-371) (-)

2.31

10000

8000

6000

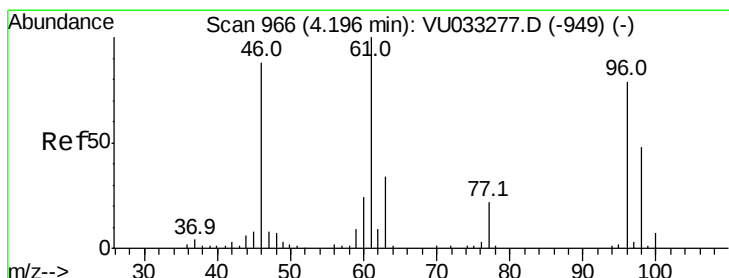
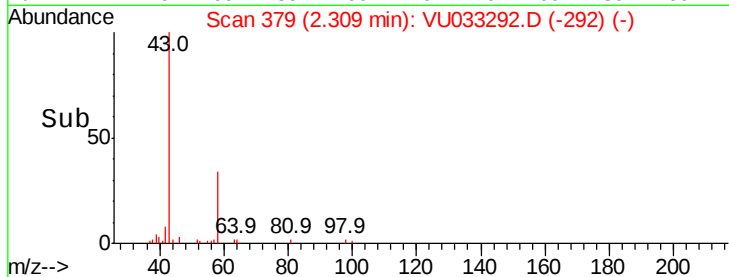
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#22

cis-1,2-Dichloroethene

Concen: 0.642 ug/L

RT: 4.20 min Scan# 967

Delta R.T. 0.00 min

Lab File: VU033292.D

Acq: 17 Jul 2019 15:58

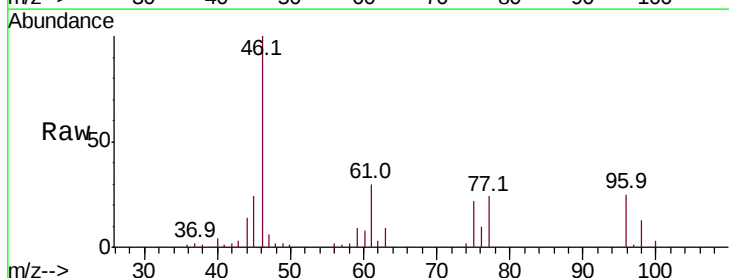
Tgt Ion: 96 Resp: 5931

Ion Ratio Lower Upper

96 100

61 117.6 89.2 165.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033277.D (-949) (-)

Ion 61.05 (60.75 to 61.75): VU033277.D (-949) (-)

Ion 68.15 (67.85 to 68.85): VU033277.D (-949) (-)

4000

3000

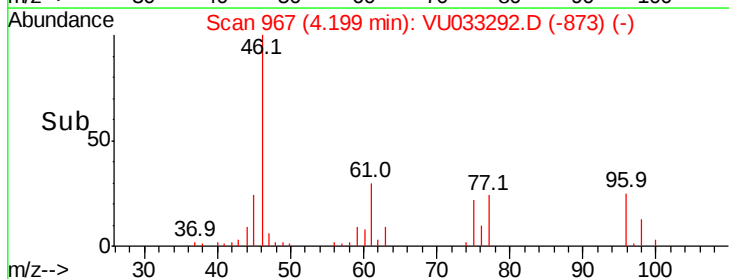
2000

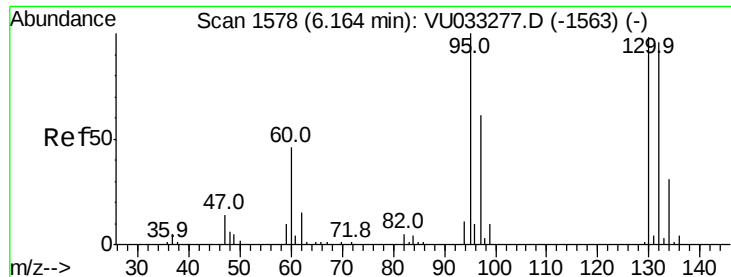
1000

0

Time-->

4.15 4.20 4.25

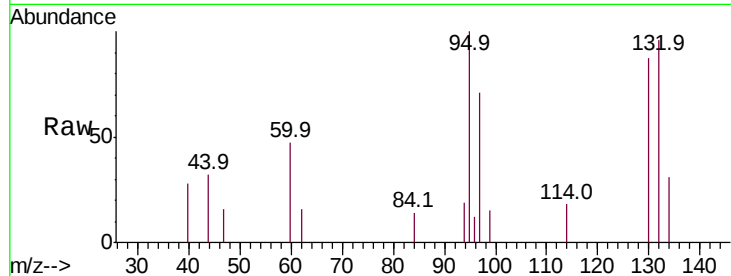




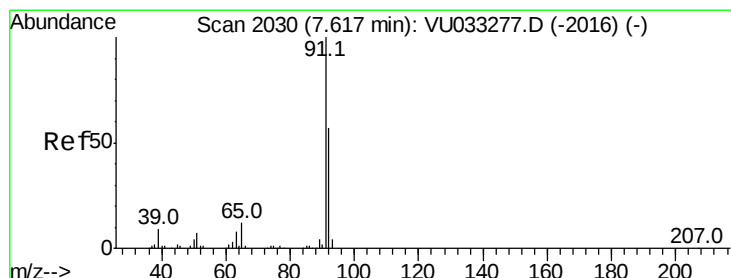
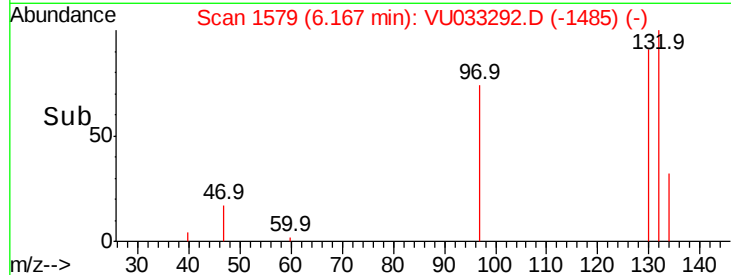
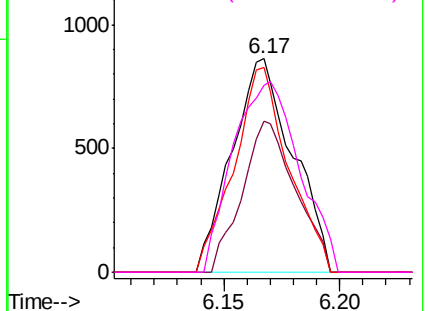
#34
 Trichloroethene
 Concen: 0.164 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU033292.D
 Acq: 17 Jul 2019 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N2

Tot Ion: 95 Resp: 1582
 Ion Ratio Lower Upper
 95 100
 97 70.7 44.5 82.7
 132 95.7 66.6 123.8
 130 87.3 68.9 127.9

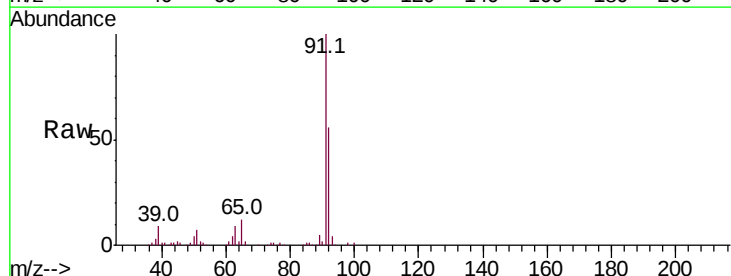


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 4.733 ug/L
 RT: 7.62 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: VU033292.D
 Acq: 17 Jul 2019 15:58

Tgt Ion: 91 Resp: 185382
 Ion Ratio Lower Upper
 91 100
 92 55.6 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0

