

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033269.D
 Acq On : 16 Jul 2019 17:49
 Operator : JC/SP
 Sample : K3772-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N0

Quant Time: Jul 17 05:54:25 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	132818	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	140495	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	60485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	55975	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.67	69	50039	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.26	63	90551	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.17	46	127435	50.56	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.12%
24) Chloroform-d	4.62	84	93264	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.29	65	51157	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.32	84	178403	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.31	67	59061	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.55	98	156325	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	7.84	79	22584	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.30	63	101187	49.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.76%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	50992	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	60909	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

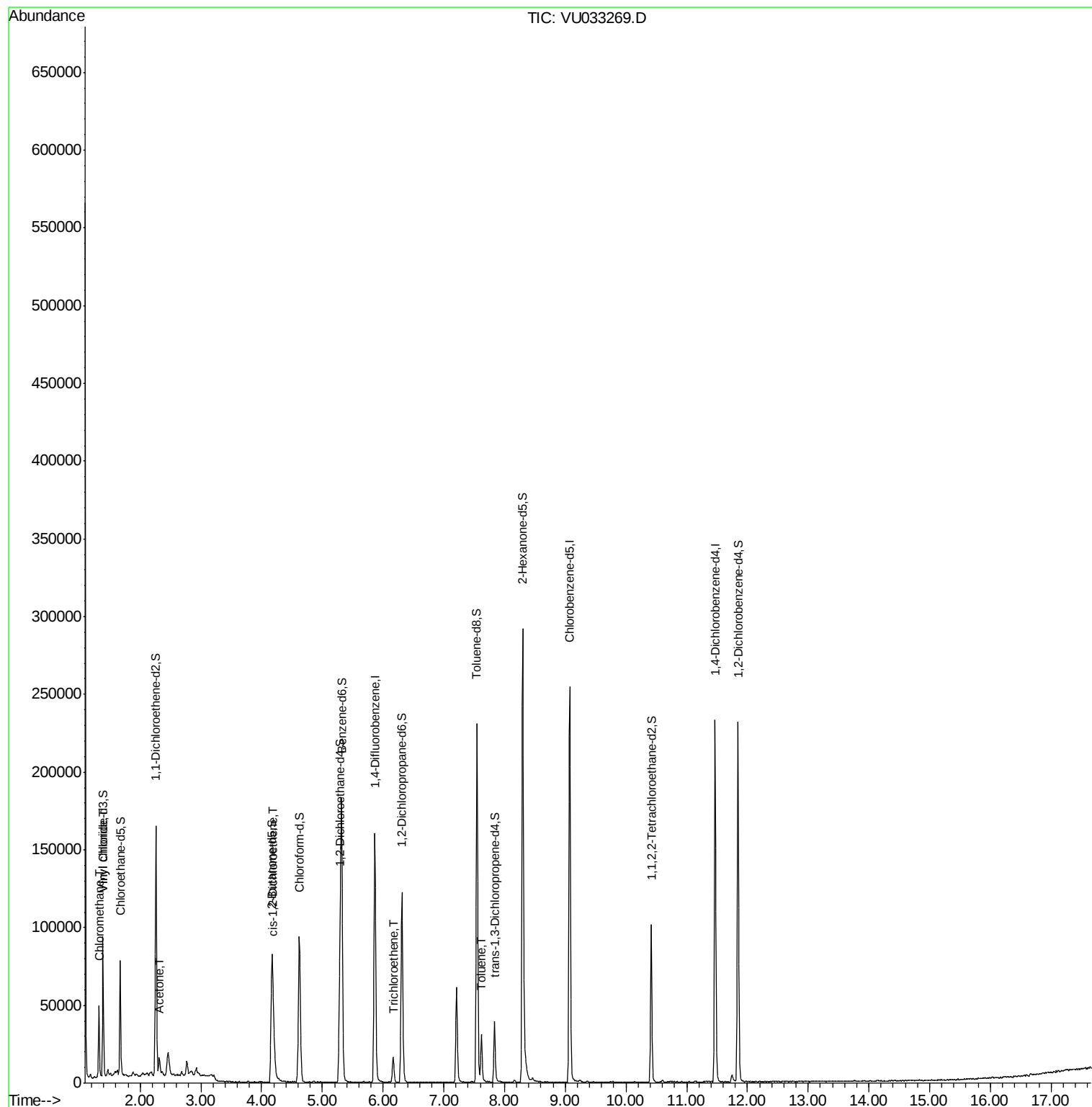
					Ovalue
3) Chloromethane	1.32	50	29396	2.209 ug/L	99
5) Vinyl chloride	1.39	62	4215	0.295 ug/L #	81
13) Acetone	2.32	43	11157	5.056 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	9760	0.958 ug/L	95
34) Trichloroethene	6.16	95	5700	0.541 ug/L	93
42) Toluene	7.62	91	22232	0.521 ug/L	96

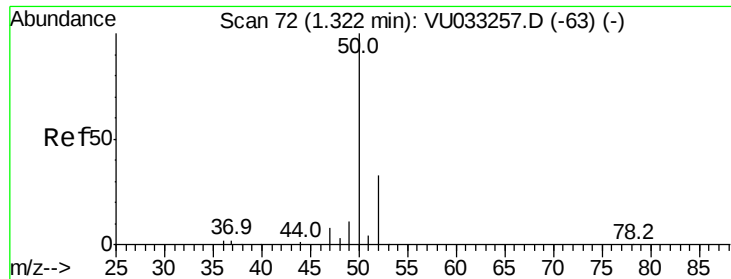
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.209 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU033269.D

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Instrument :

MSVOA_U

ClientSampleId :

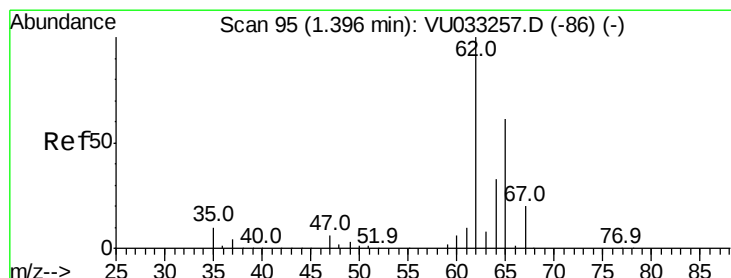
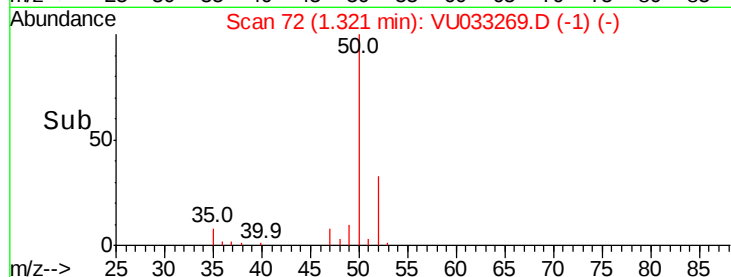
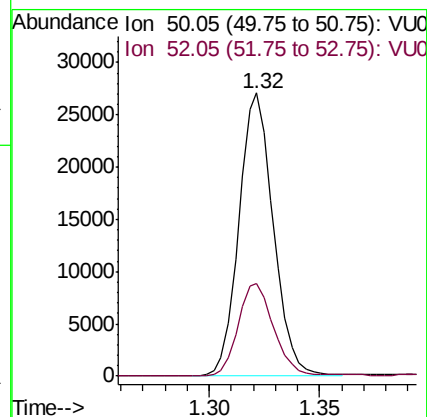
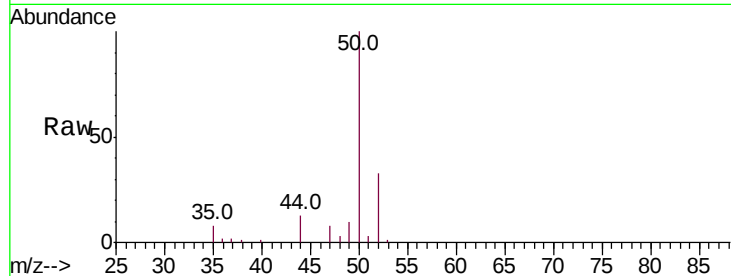
A52N0

Tot Ion: 50 Resp: 29396

Ion Ratio Lower Upper

50 100

52 32.8 23.3 43.3



#5

Vinyl chloride

Concen: 0.295 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033269.D

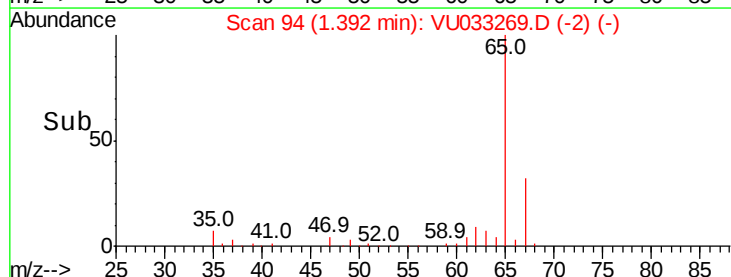
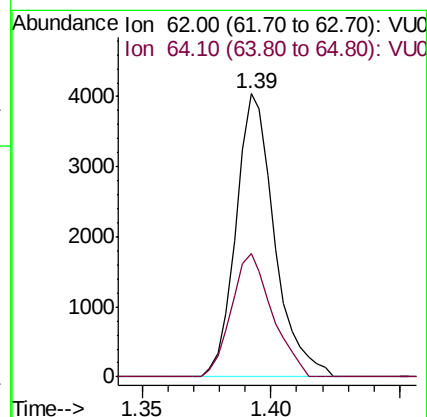
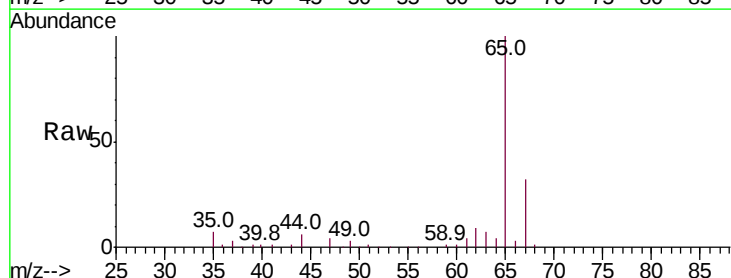
Acq: 16 Jul 2019 17:49

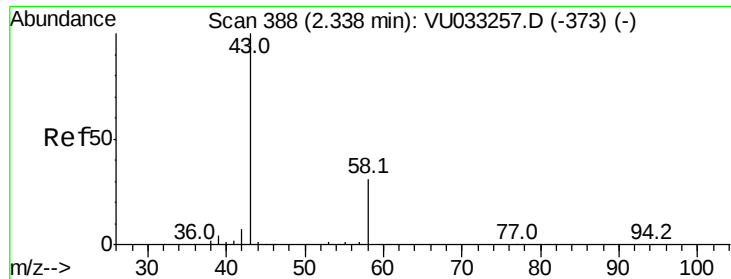
Tgt Ion: 62 Resp: 4215

Ion Ratio Lower Upper

62 100

64 43.4 22.8 42.4#





#13

Acetone

Concen: 5.056 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU033269.D

Acq: 16 Jul 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

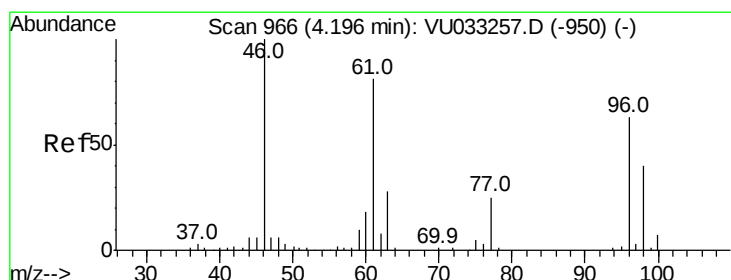
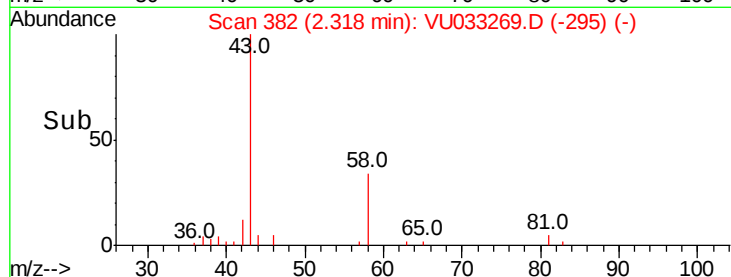
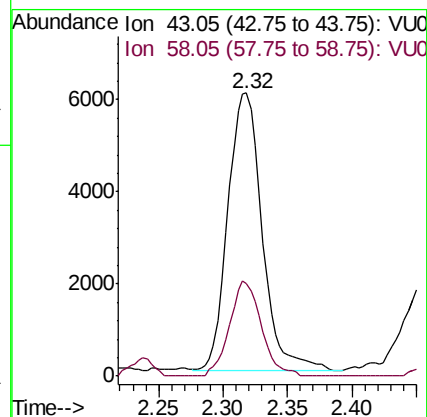
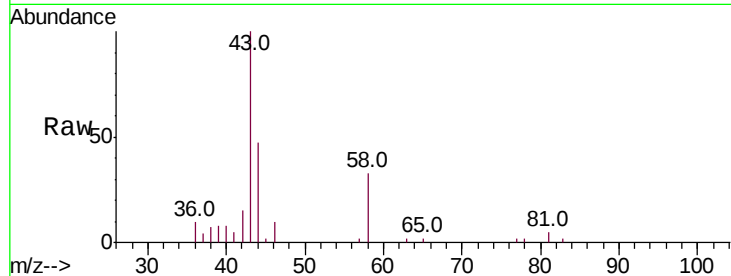
A52N0

Tot Ion: 43 Resp: 11157

Ion Ratio Lower Upper

43 100

58 31.7 0.0 66.6



#22

cis-1,2-Dichloroethene

Concen: 0.958 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU033269.D

Acq: 16 Jul 2019 17:49

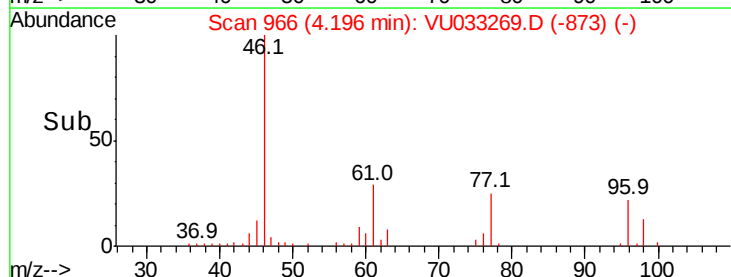
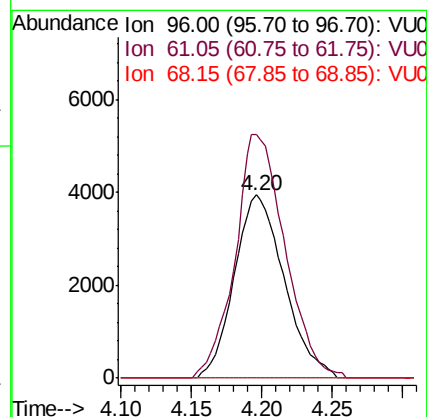
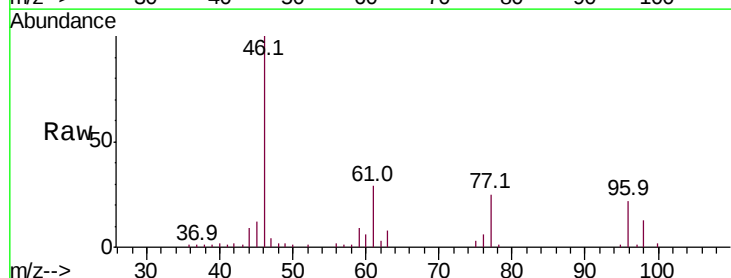
Tgt Ion: 96 Resp: 9760

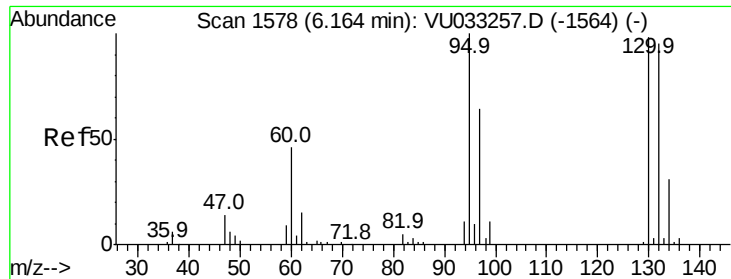
Ion Ratio Lower Upper

96 100

61 132.6 89.2 165.6

68 0.0 0.0 0.0

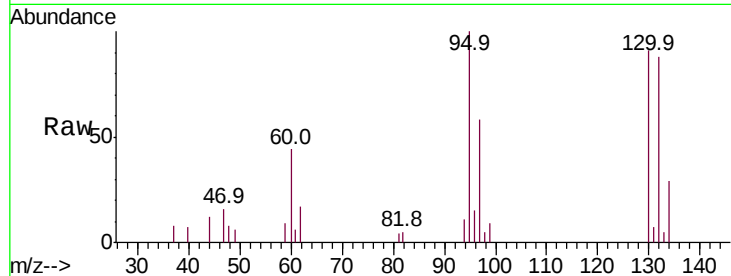




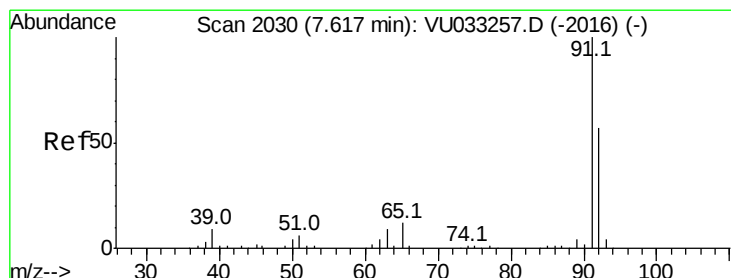
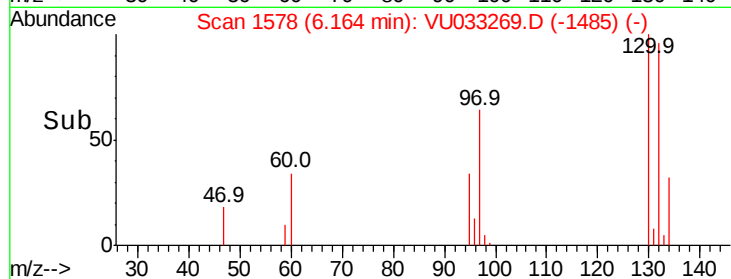
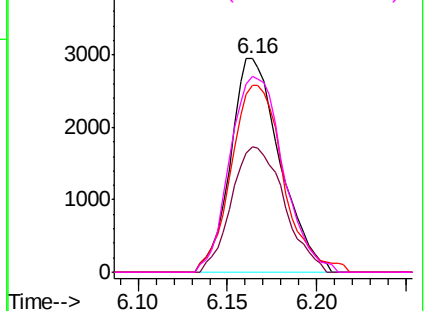
#34
 Trichloroethene
 Concen: 0.541 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU033269.D
 Acq: 16 Jul 2019 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N0

Tot Ion: 95 Resp: 5700
 Ion Ratio Lower Upper
 95 100
 97 58.5 44.5 82.7
 132 87.5 66.6 123.8
 130 91.5 68.9 127.9

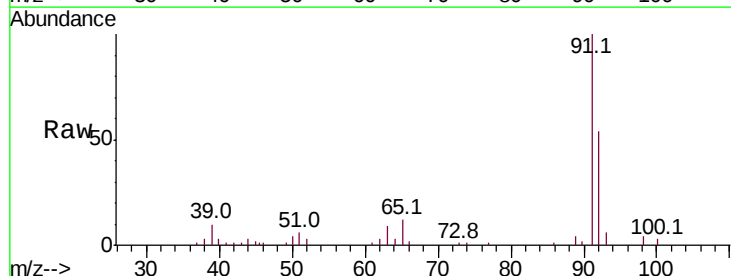


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#42
 Toluene
 Concen: 0.521 ug/L
 RT: 7.62 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: VU033269.D
 Acq: 16 Jul 2019 17:49

Tgt Ion: 91 Resp: 22232
 Ion Ratio Lower Upper
 91 100
 92 54.4 40.0 74.2



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

