

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071719\
 Data File : VU033290.D
 Acq On : 17 Jul 2019 15:09
 Operator : JC/SP
 Sample : K3772-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A52M8

Quant Time: Jul 18 08:55:55 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	124521	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	133836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	55494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	48444	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.67	69	45223	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.26	63	79610	3.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	4.17	46	98688	41.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.52%
24) Chloroform-d	4.62	84	76640	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.29	65	46689	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.32	84	165458	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.31	67	54475	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.55	98	140926	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	7.84	79	19810	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.30	63	78502	40.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.42%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	46450	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	55054	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

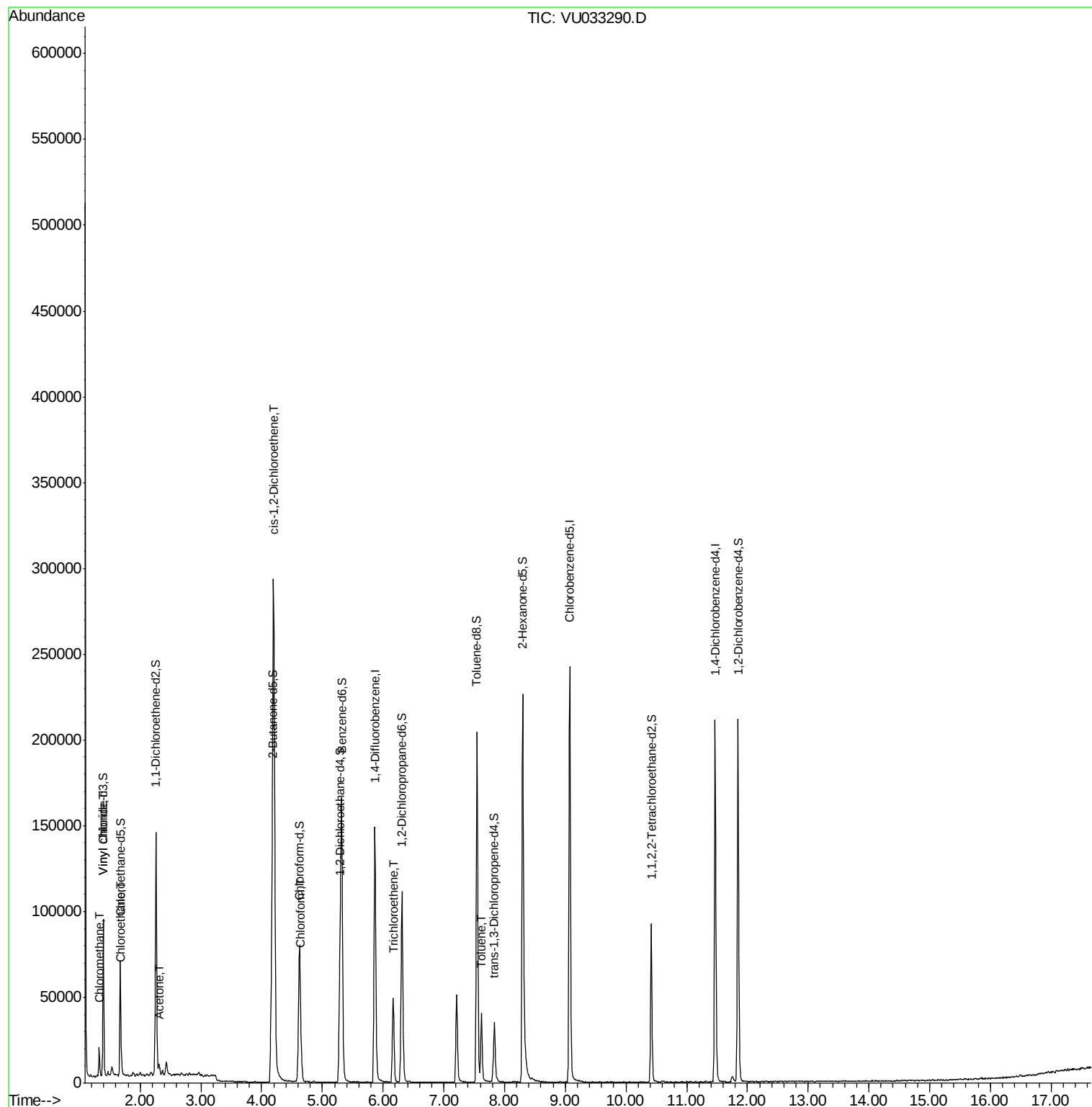
					Ovalue
3) Chloromethane	1.32	50	10532	0.844	ug/L 100
5) Vinyl chloride	1.40	62	11493	0.857	ug/L 88
8) Chloroethane	1.69	64	2643	0.308	ug/L 83
13) Acetone	2.31	43	5174	2.501	ug/L 98
22) cis-1,2-Dichloroethene	4.20	96	153719	16.095	ug/L 95
25) Chloroform	4.65	83	10102	0.537	ug/L 97
34) Trichloroethene	6.17	95	16911	1.686	ug/L 96
42) Toluene	7.62	91	29185	0.717	ug/L 93

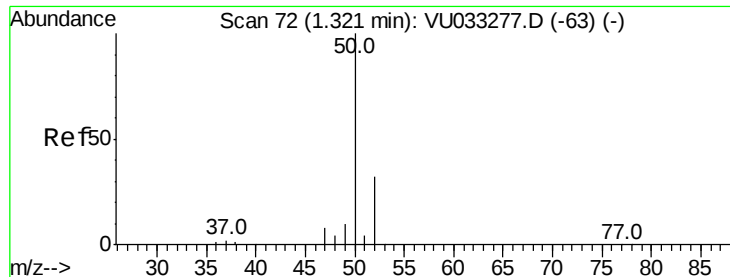
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.844 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033290.D

Acq: 17 Jul 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

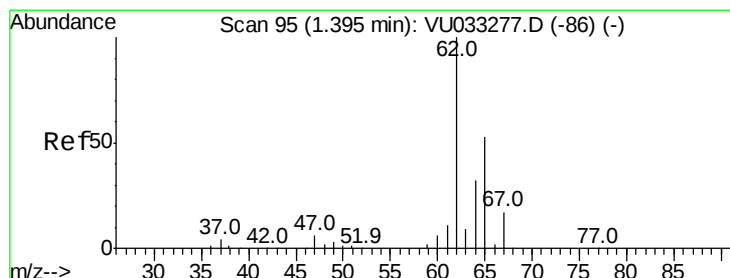
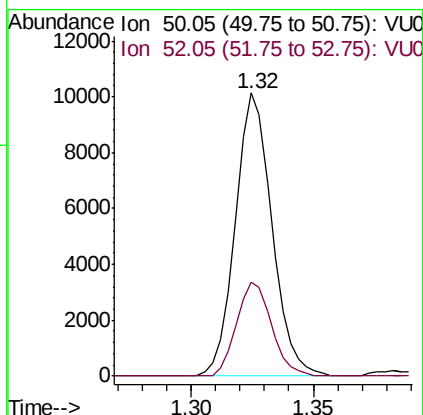
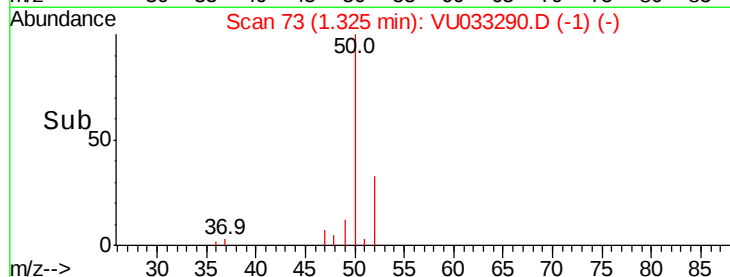
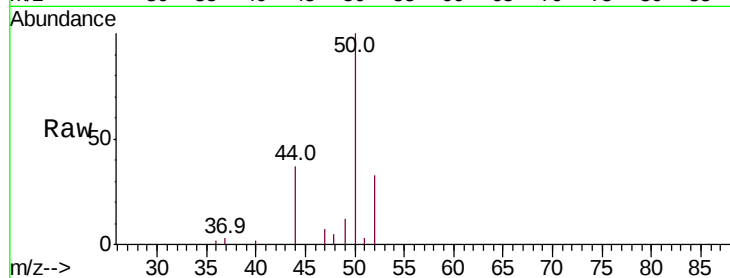
A52M8

Tot Ion: 50 Resp: 10532

Ion Ratio Lower Upper

50 100

52 33.3 23.3 43.3



#5

Vinyl chloride

Concen: 0.857 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033290.D

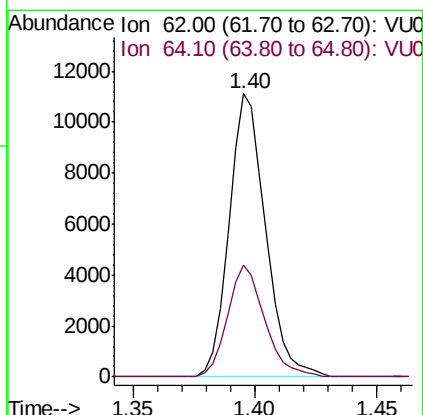
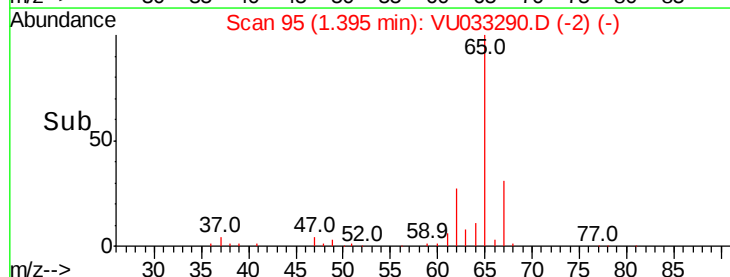
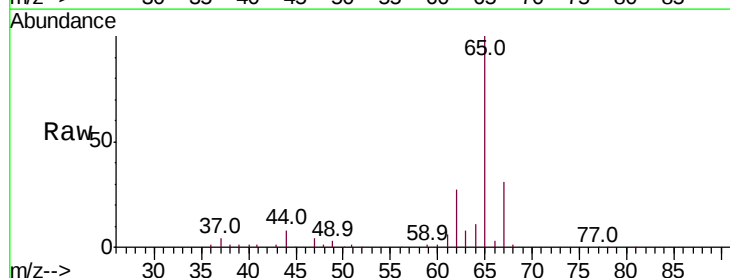
Acq: 17 Jul 2019 15:09

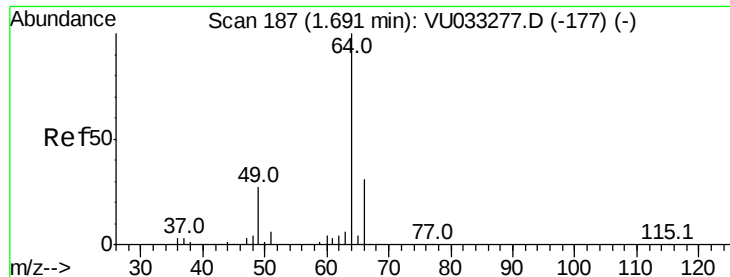
Tgt Ion: 62 Resp: 11493

Ion Ratio Lower Upper

62 100

64 39.6 22.8 42.4

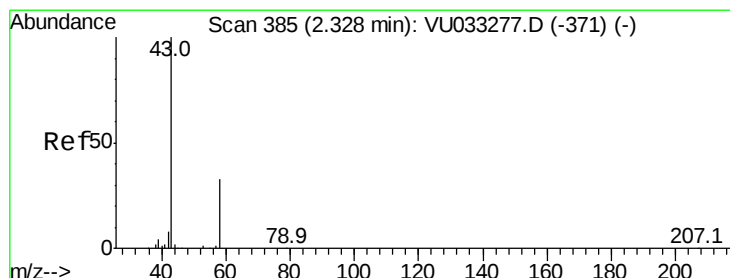
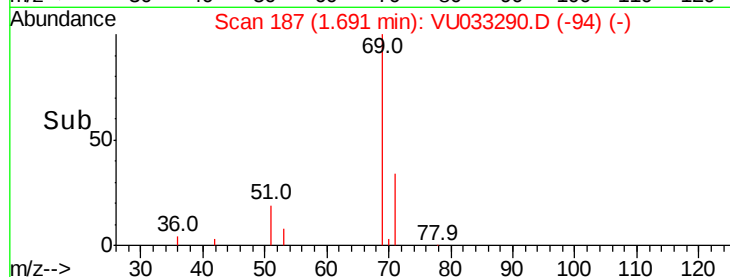
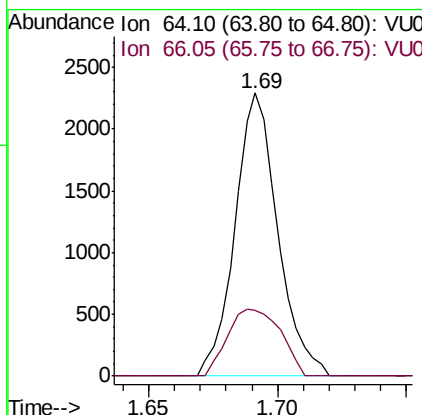
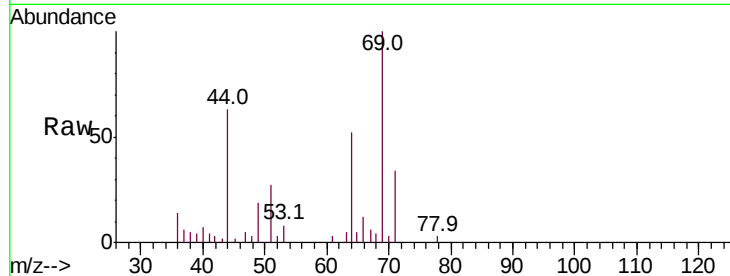




#8
Chloroethane
Concen: 0.308 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

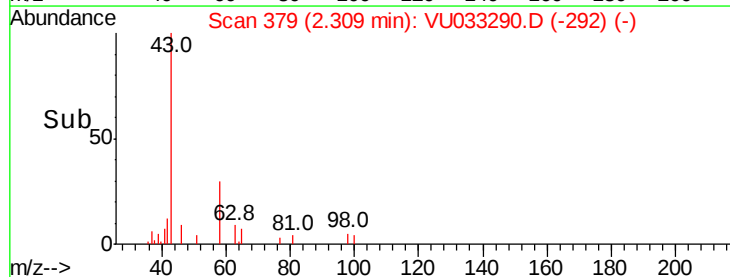
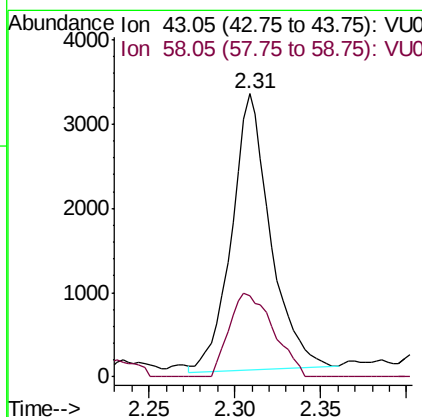
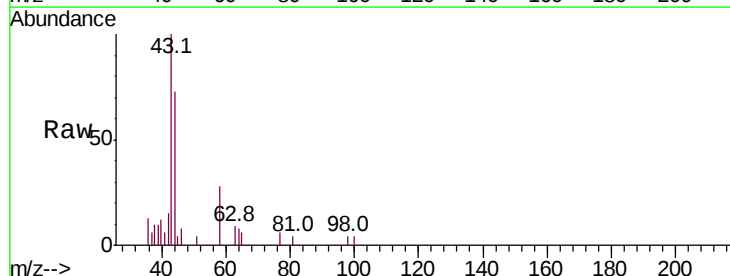
Instrument :
MSVOA_U
ClientSampleId :
A52M8

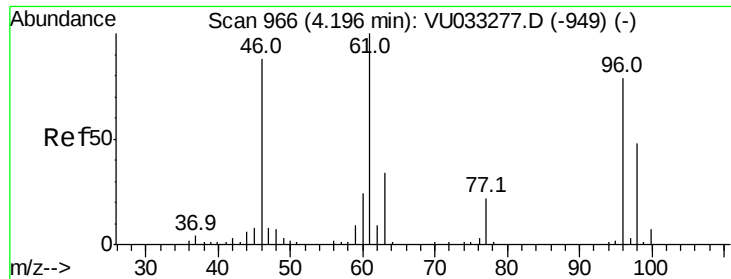
Tot Ion: 64 Resp: 2643
Ion Ratio Lower Upper
64 100
66 23.4 23.2 43.2



#13
Acetone
Concen: 2.501 ug/L
RT: 2.31 min Scan# 379
Delta R.T. -0.02 min
Lab File: VU033290.D
Acq: 17 Jul 2019 15:09

Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
58 34.5 0.0 66.6

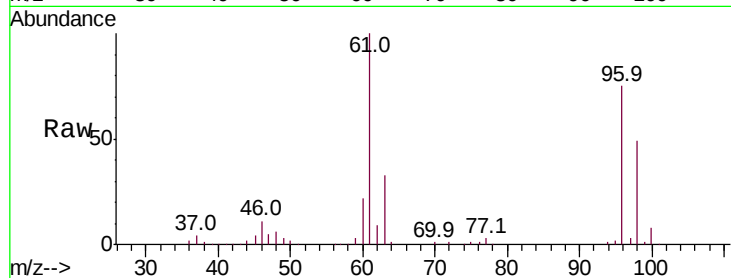




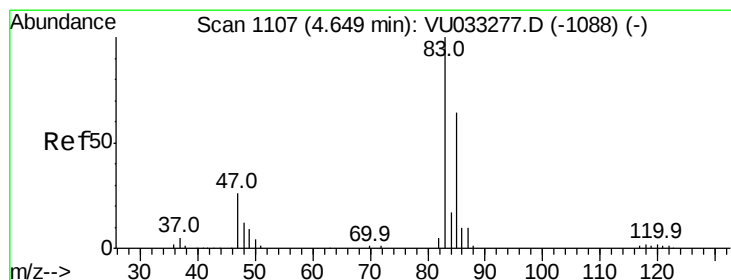
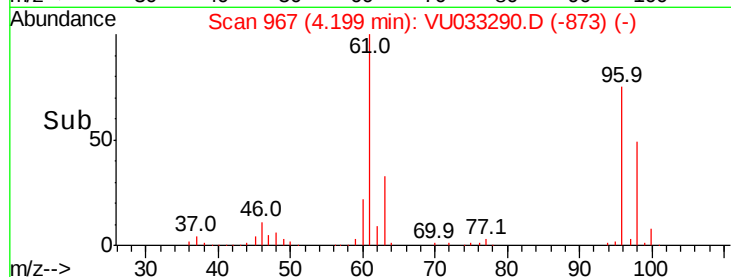
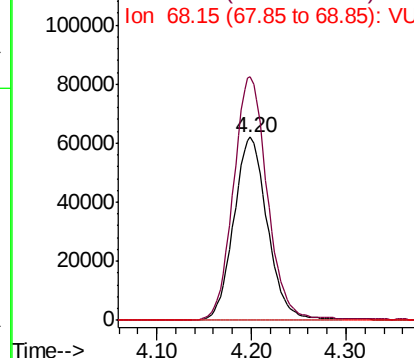
#22
 cis-1,2-Dichloroethene
 Concen: 16.095 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033290.D
 Acq: 17 Jul 2019 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 A52M8

Tot Ion: 96 Resp: 153719
 Ion Ratio Lower Upper
 96 100
 61 133.1 89.2 165.6
 68 0.0 0.0 0.0

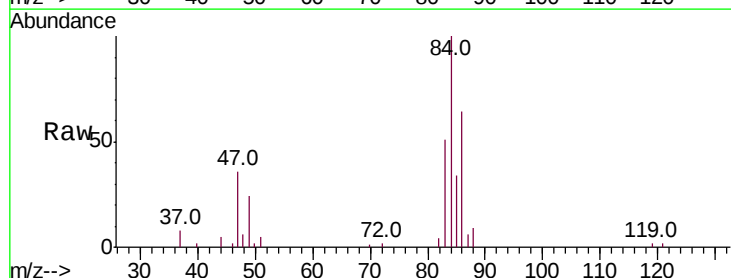


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

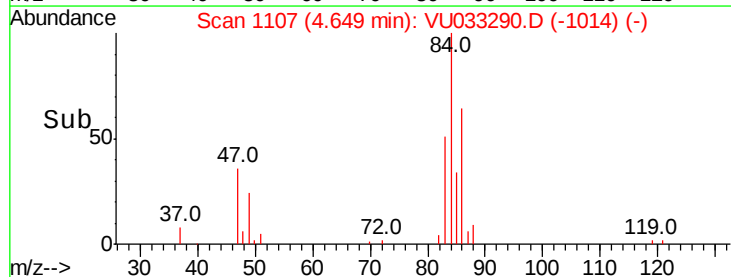
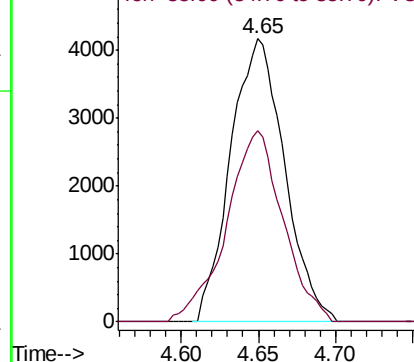


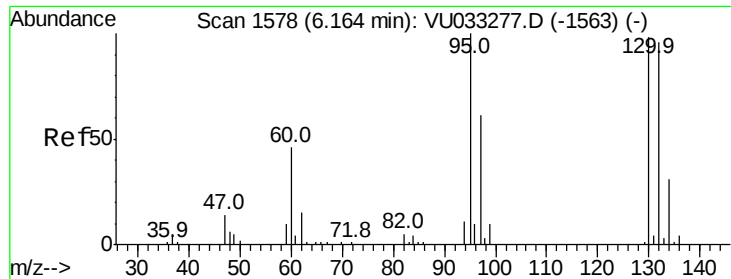
#25
 Chloroform
 Concen: 0.537 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU033290.D
 Acq: 17 Jul 2019 15:09

Tgt Ion: 83 Resp: 10102
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 1.686 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033290.D

Acq: 17 Jul 2019 15:09

Instrument :

MSVOA_U

ClientSampled :

A52M8

Tot Ion: 95 Resp: 16911

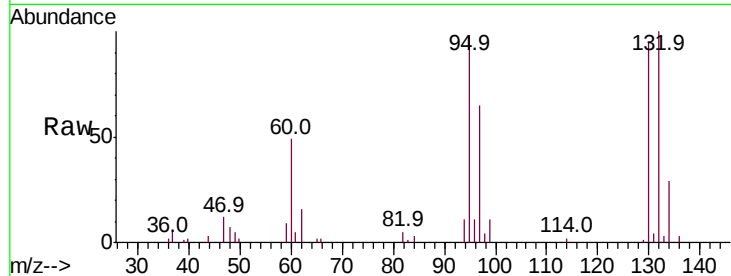
Ion Ratio Lower Upper

95 100

97 66.1 44.5 82.7

132 101.6 66.6 123.8

130 96.3 68.9 127.9

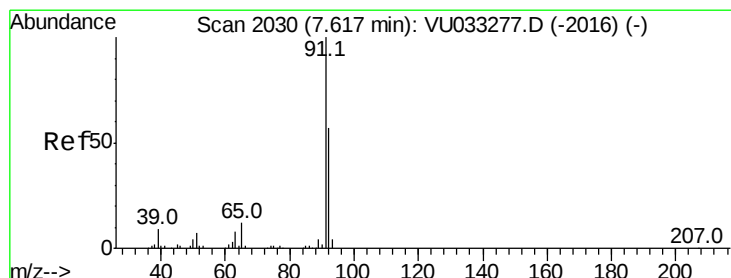
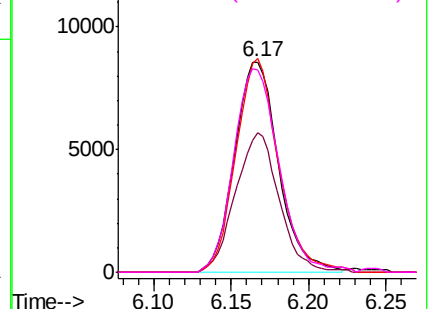
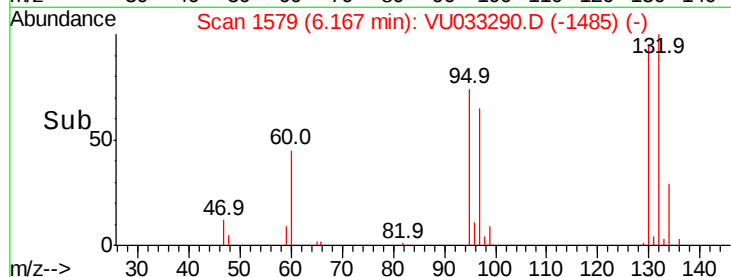


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.717 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033290.D

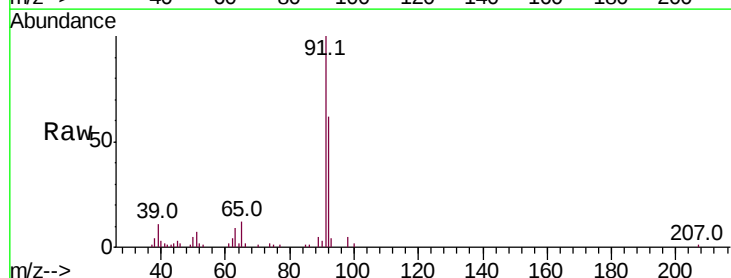
Acq: 17 Jul 2019 15:09

Tgt Ion: 91 Resp: 29185

Ion Ratio Lower Upper

91 100

92 62.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0

