

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 08:06:20 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

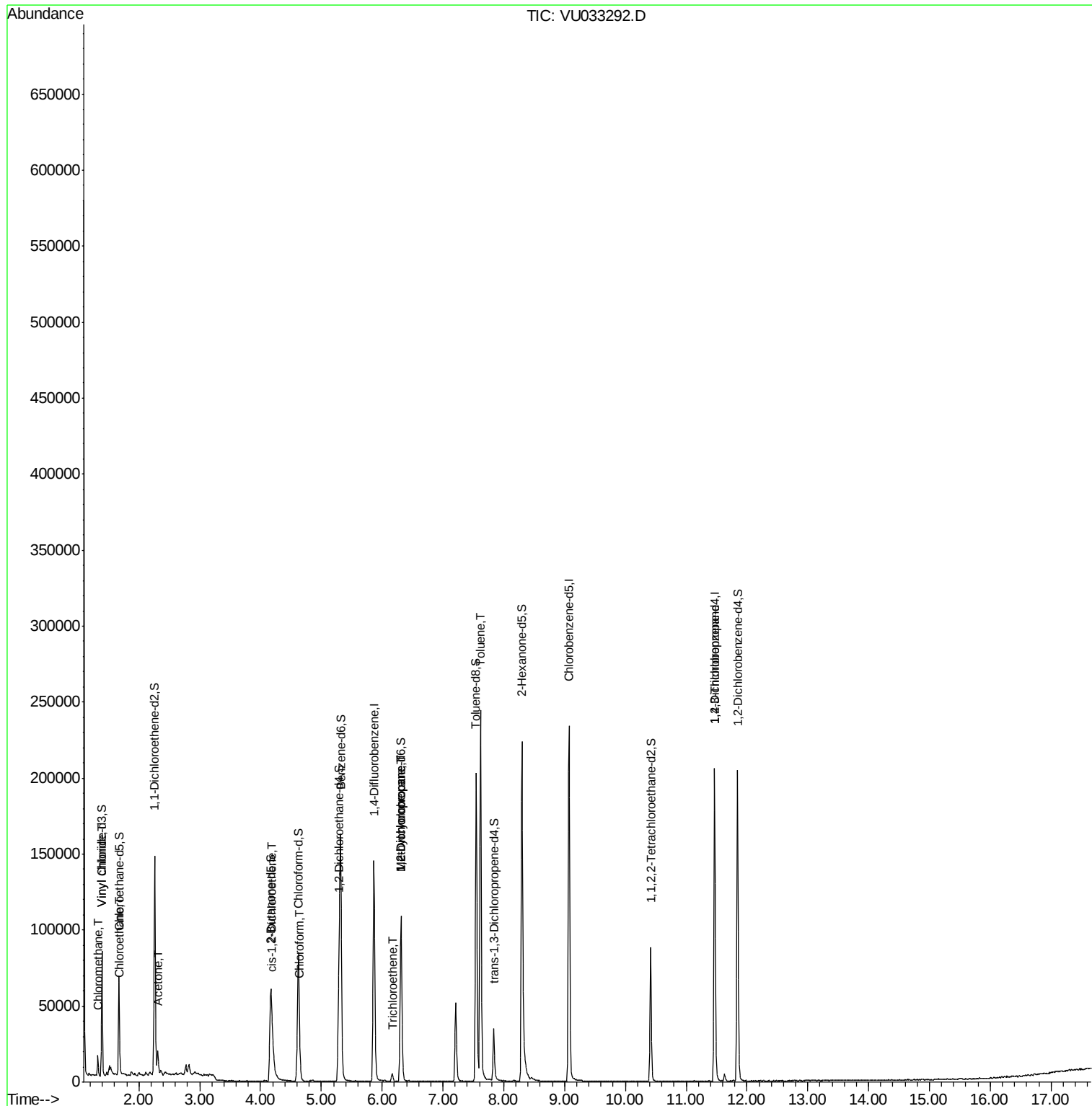
					Qvalue
3) Chloromethane	1.32	50	8967	0.743 ug/L	91
5) Vinyl chloride	1.40	62	5811	0.448 ug/L	85
8) Chloroethane	1.69	64	955	0.115 ug/L	98
13) Acetone	2.31	43	15237	7.610 ug/L	97
22) cis-1,2-Dichloroethene	4.20	96	5931	0.642 ug/L	92
25) Chloroform	4.65	83	2963	0.163 ug/L	92
34) Trichloroethene	6.17	95	1582	0.164 ug/L	93
35) Methylcyclohexane	6.31	83	12304	0.846 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	5728	0.581 ug/L #	88
42) Toluene	7.62	91	185382	4.733 ug/L	98
59) 1,2,3-Trichloropropane	11.47	75	6890	1.071 ug/L	90

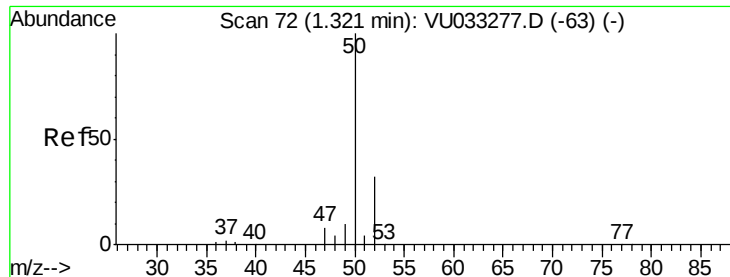
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.743 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU033292.D

Acq: 17 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

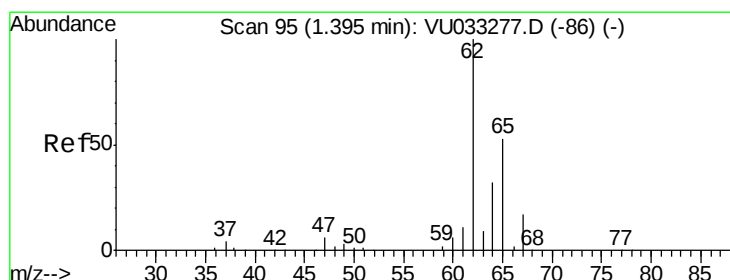
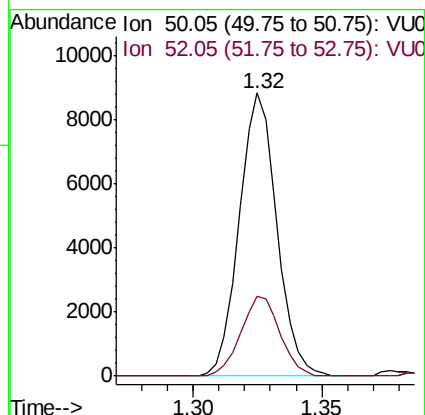
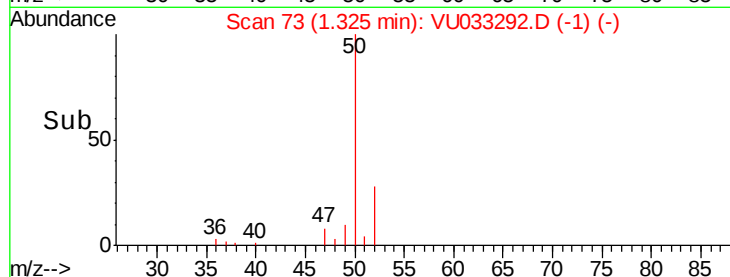
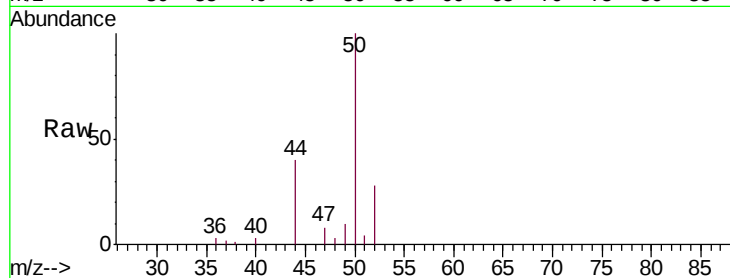
A52N2

Tgt 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

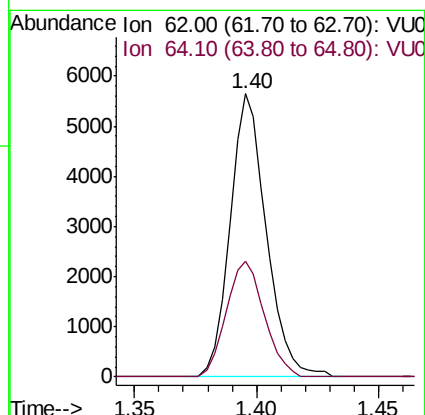
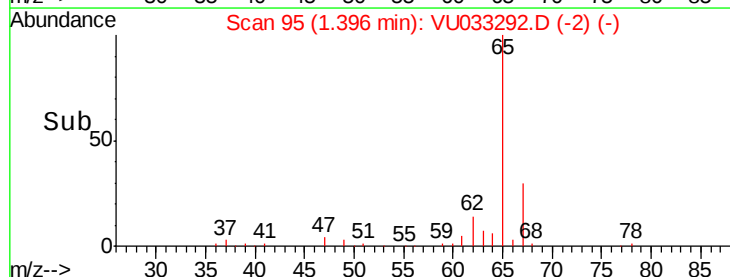
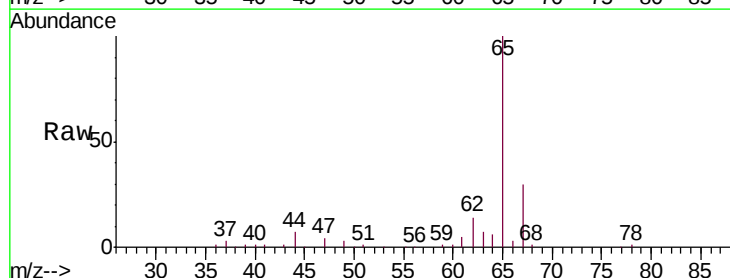
Acq: 17 Jul 2019 15:58

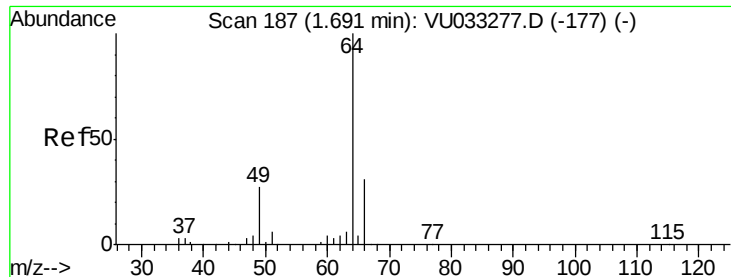
Tgt Ion: 62 Resp: 5811

Ion Ratio Lower Upper

62 100

64 40.8 22.8 42.4

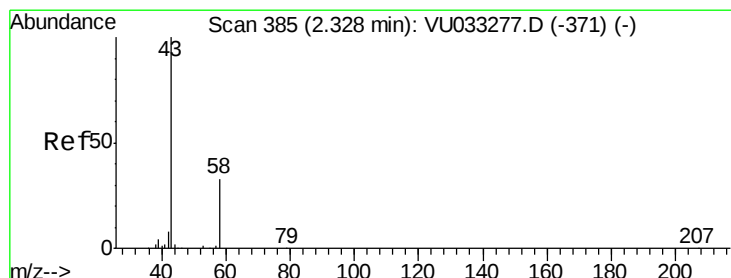
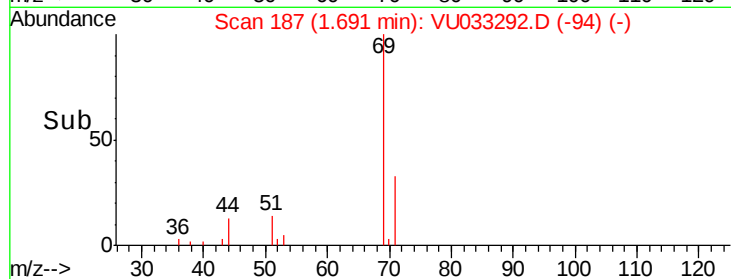
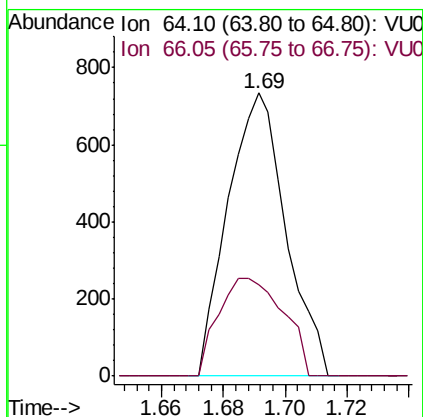
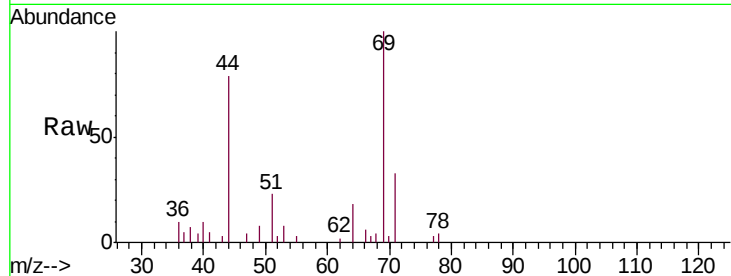




#8
Chloroethane
Concen: 0.115 ug/L
RT: 1.69 min Scan# 187
Delta R.T. 0.00 min
Lab File: VU033292.D
Acq: 17 Jul 2019 15:58

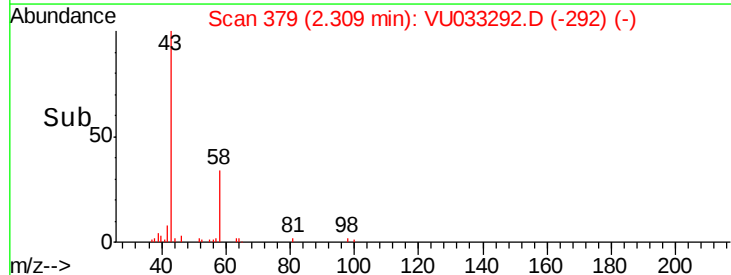
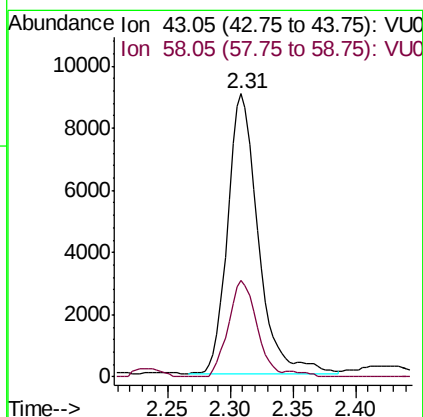
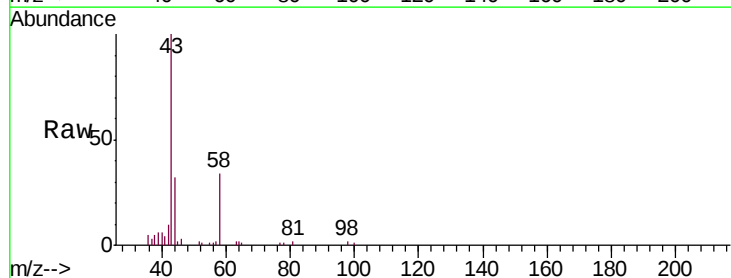
Instrument :
MSVOA_U
ClientSampleId :
A52N2

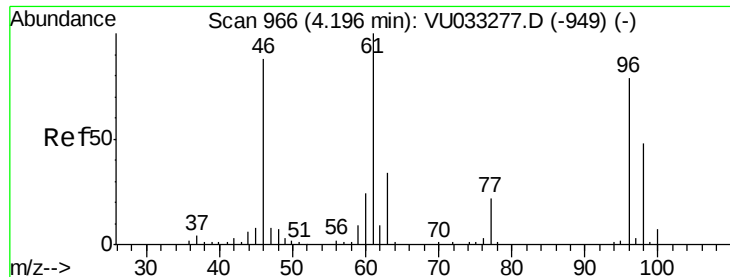
Tgt Ion: 64 Resp: 955
Ion Ratio Lower Upper
64 100
66 32.2 23.2 43.2



#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

Tgt Ion: 43 Resp: 15237
Ion Ratio Lower Upper
43 100
58 31.8 0.0 66.6



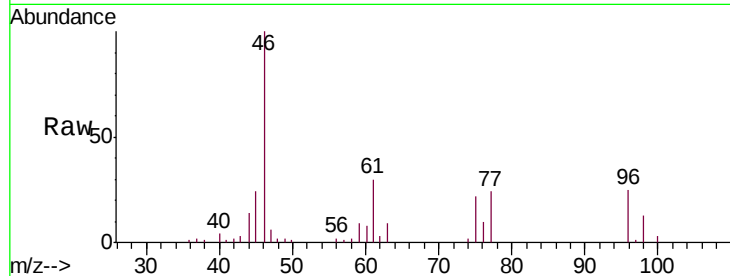


#22

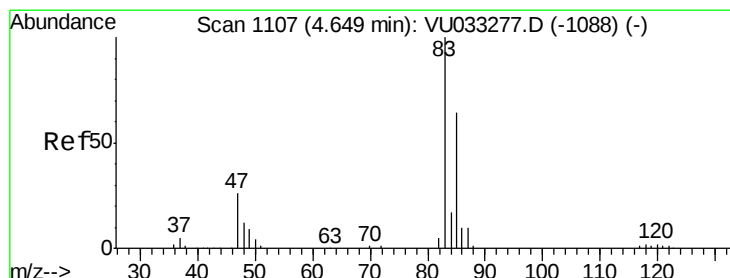
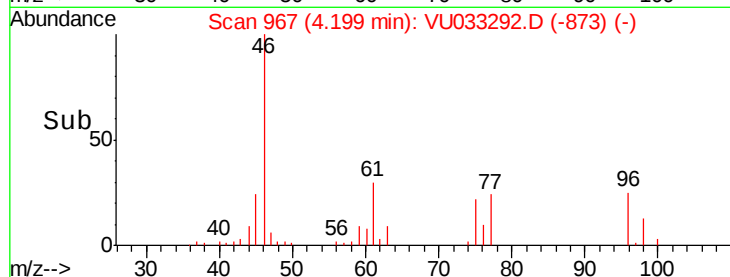
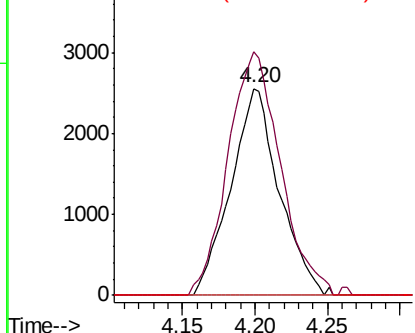
cis-1,2-Dichloroethene
 Concen: 0.642 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU033292.D
 Acq: 17 Jul 2019 15:58

Instrument :
 MSVOA_U
 ClientSampleId :
 A52N2

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



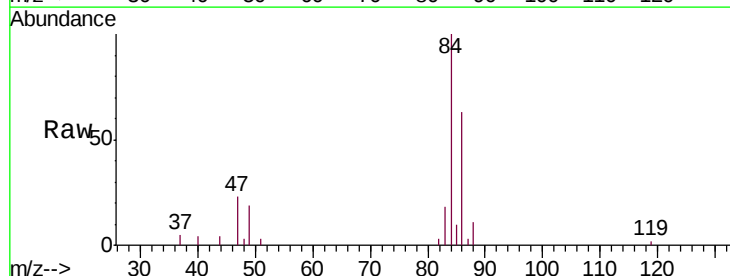
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



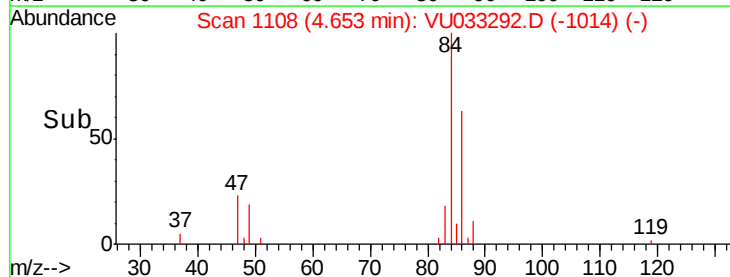
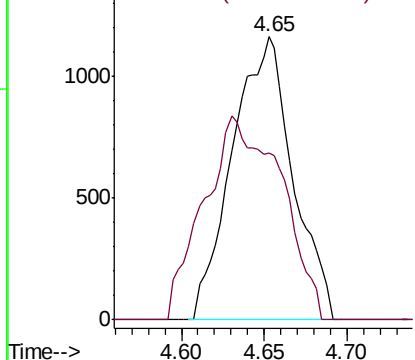
#25

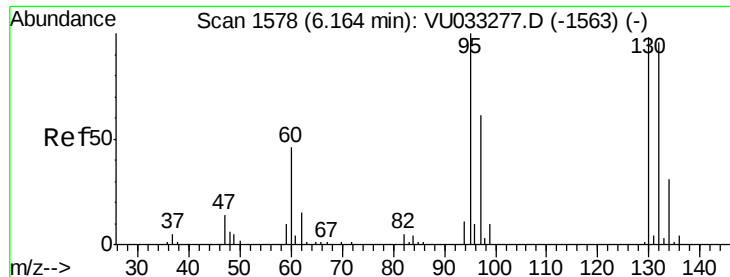
Chloroform
 Concen: 0.163 ug/L
 RT: 4.65 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VU033292.D
 Acq: 17 Jul 2019 15:58

Tgt Ion: 83 Resp: 2963
 Ion Ratio Lower Upper
 83 100
 85 59.0 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: 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

Tgt Ion: 95 Resp: 1582

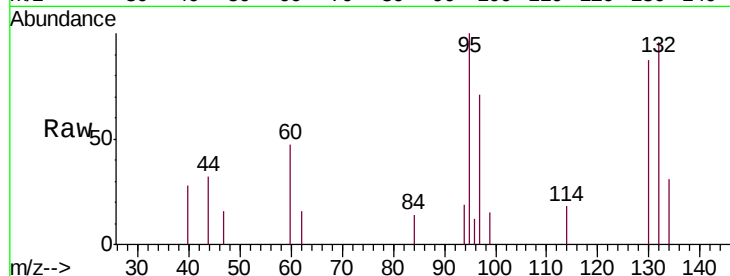
Ion Ratio Lower Upper

95 100

97 70.7 44.5 82.7

132 95.7 66.6 123.8

130 87.3 68.9 127.9

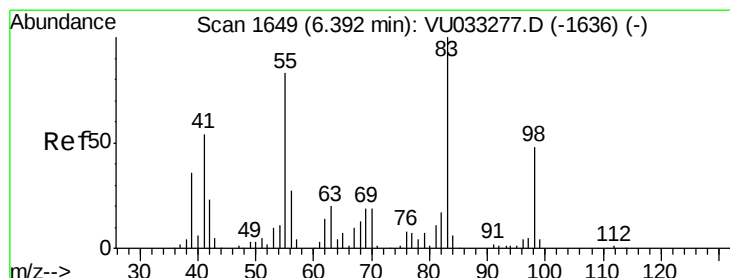
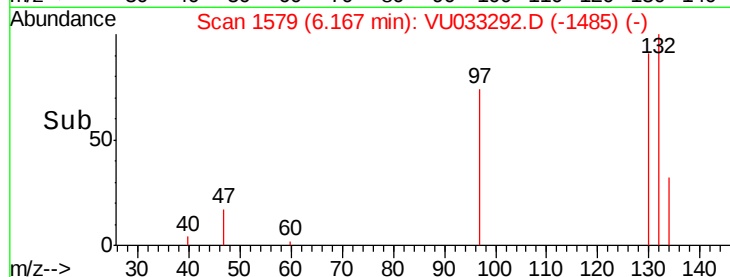
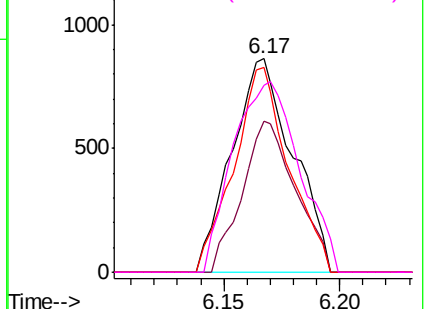


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#35

Methylcyclohexane

Concen: 0.846 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.08 min

Lab File: VU033292.D

Acq: 17 Jul 2019 15:58

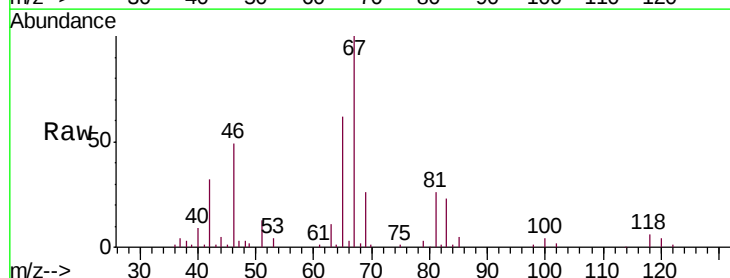
Tgt Ion: 83 Resp: 12304

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

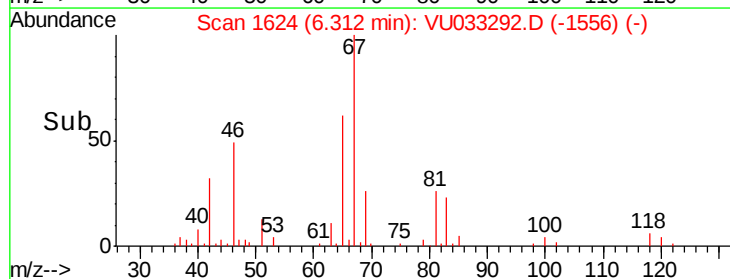
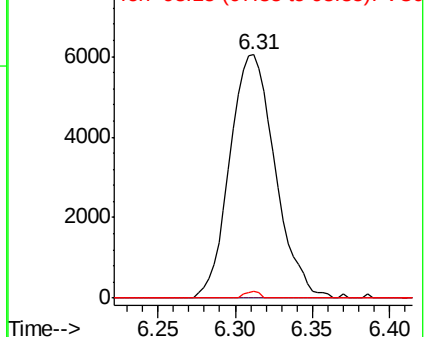
98 0.9 36.2 54.2#

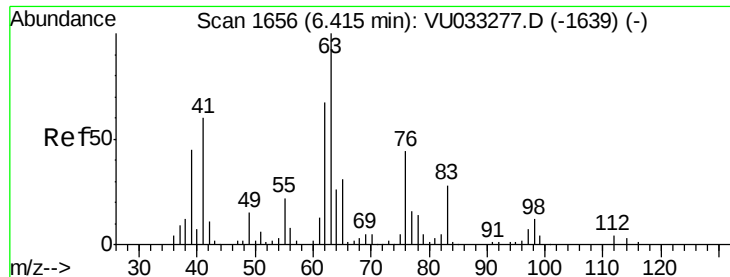


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

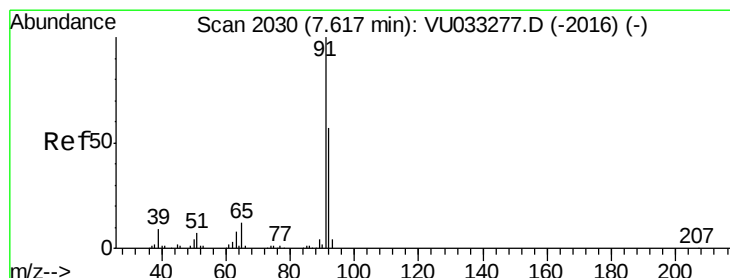
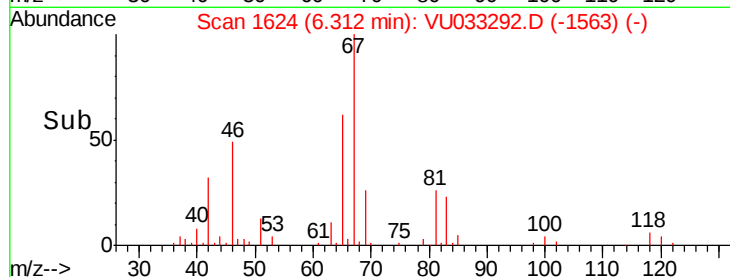
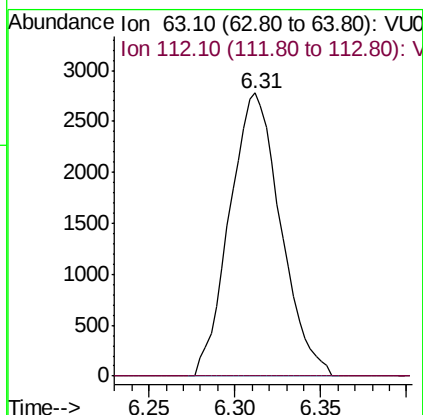
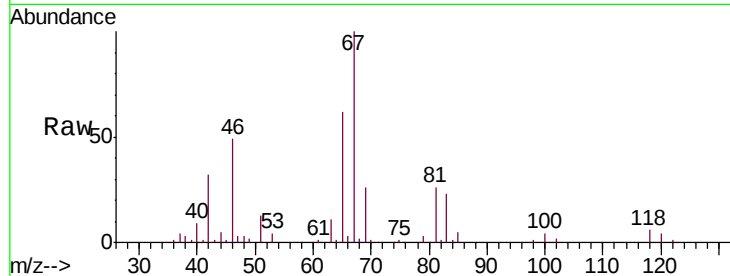




#37
 1,2-Dichloropropane
 Concen: 0.581 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU033292.D
 Acq: 17 Jul 2019 15:58

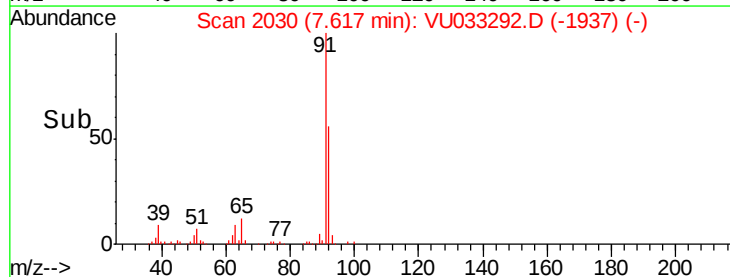
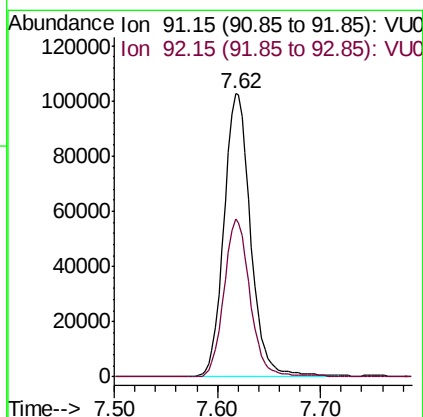
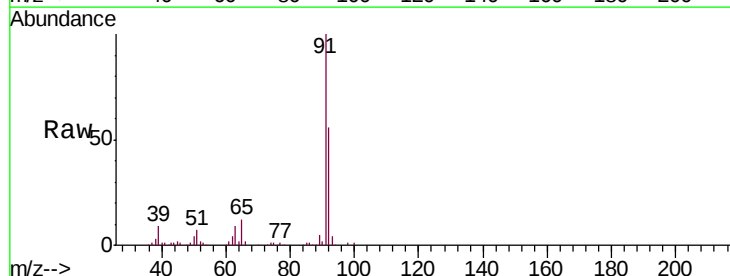
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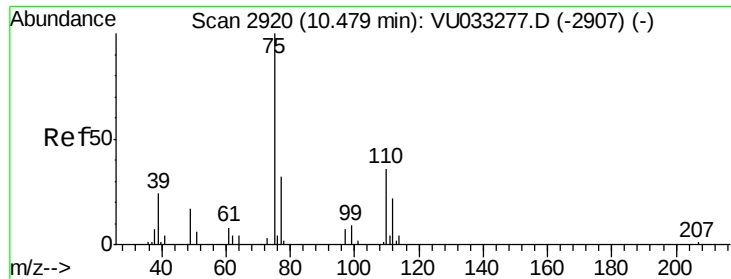
Tgt Ion: 63 Resp: 5728
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#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





#59

1,2,3-Trichloropropane

Concen: 1.071 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033292.D

Acq: 17 Jul 2019 15:58

Instrument :

MSVOA_U

ClientSampleId :

A52N2

Tgt Ion: 75 Resp: 6890

Ion Ratio Lower Upper

75 100

77 38.5 26.5 39.7

