

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 04:49:27 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

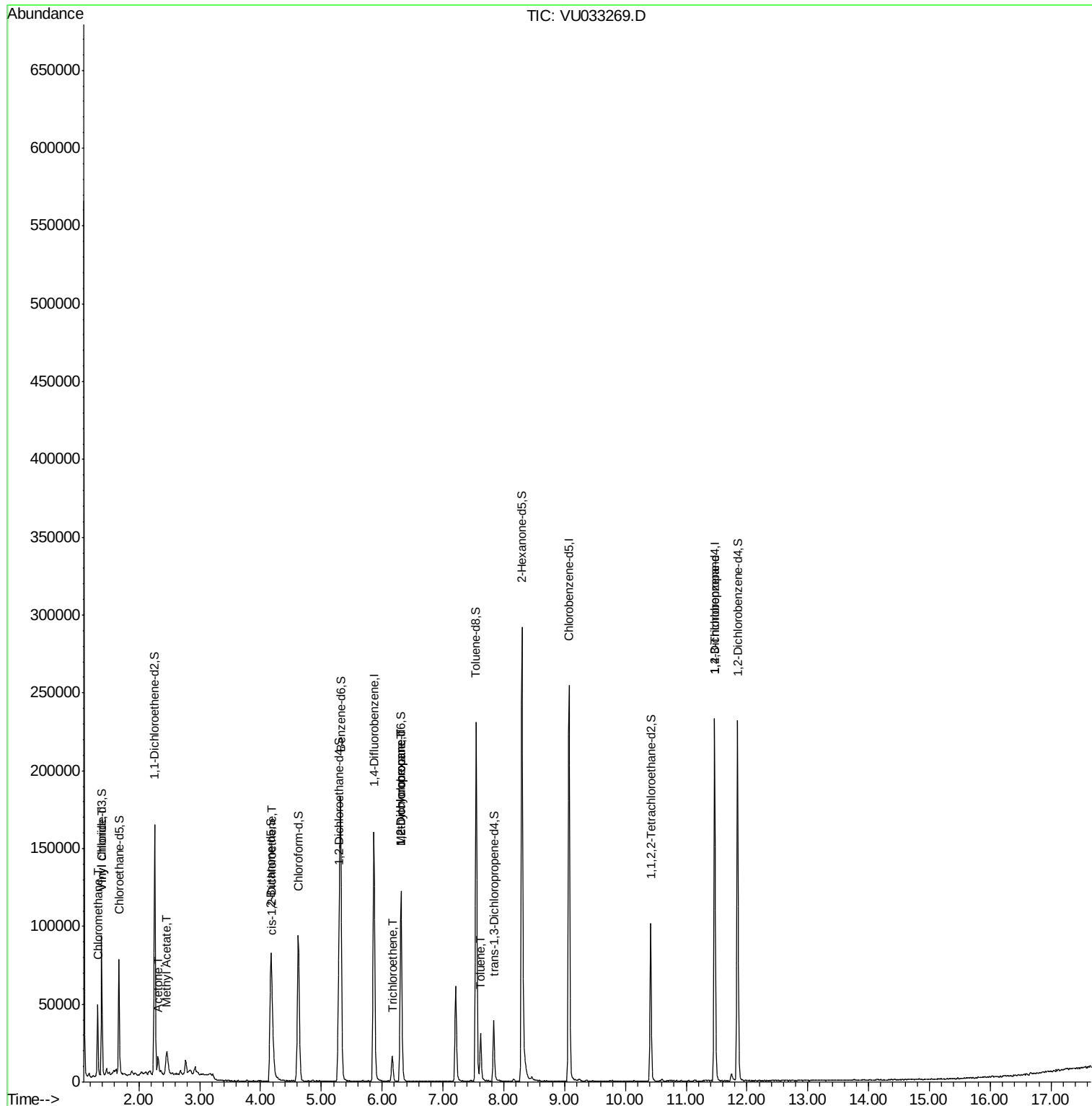
					Qvalue
3) Chloromethane	1.32	50	29396	2.209 ug/L	99
5) Vinyl chloride	1.39	62	4215	0.295 ug/L #	81
13) Acetone	2.32	43	11157	5.056 ug/L	97
15) Methyl Acetate	2.46	43	5804	1.053 ug/L #	53
22) cis-1,2-Dichloroethene	4.20	96	9760	0.958 ug/L	95
34) Trichloroethene	6.16	95	5700	0.541 ug/L	93
35) Methylcyclohexane	6.31	83	13990	0.882 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	6817	0.634 ug/L #	88
42) Toluene	7.62	91	22232	0.521 ug/L	96
59) 1,2,3-Trichloropropane	11.47	75	7963	1.135 ug/L	95

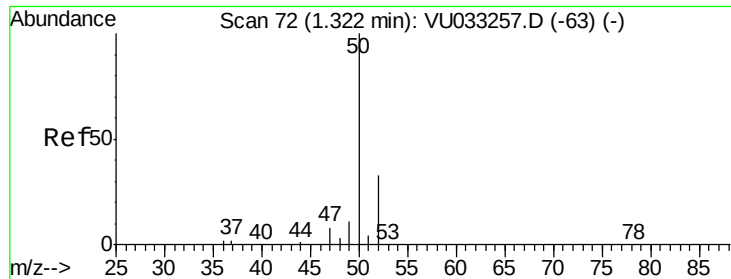
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 2.209 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Acq: 16 Jul 2019 17:49

Instrument :

MSVOA_U

ClientSampleId :

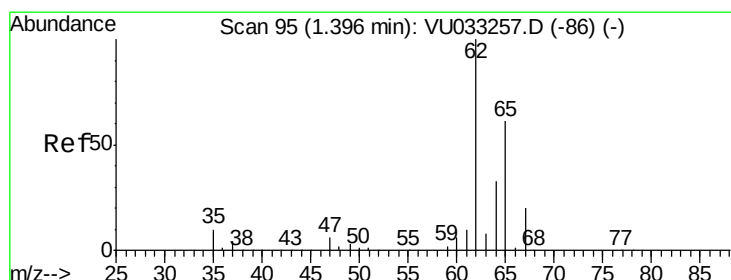
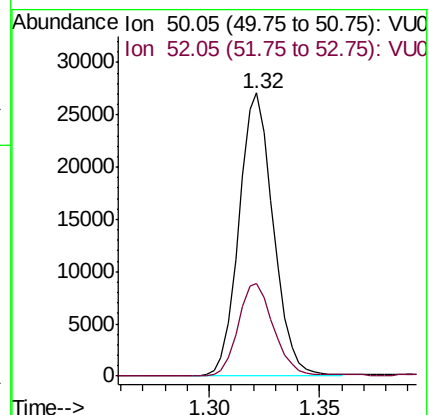
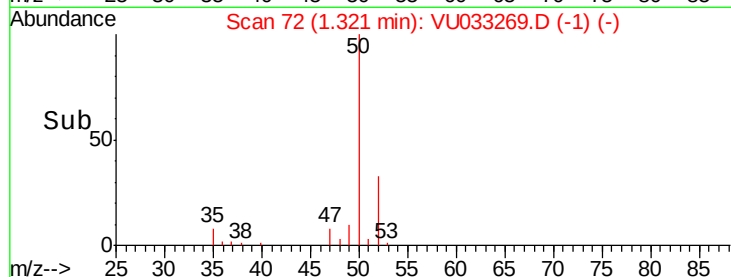
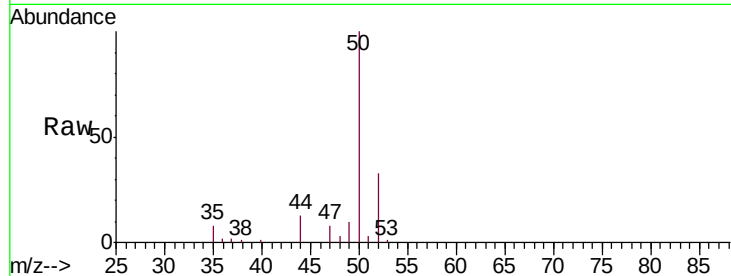
A52N0

Tgt 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

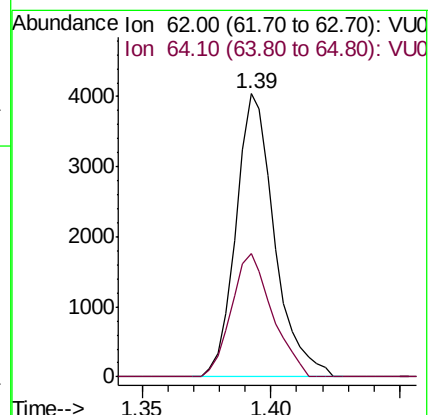
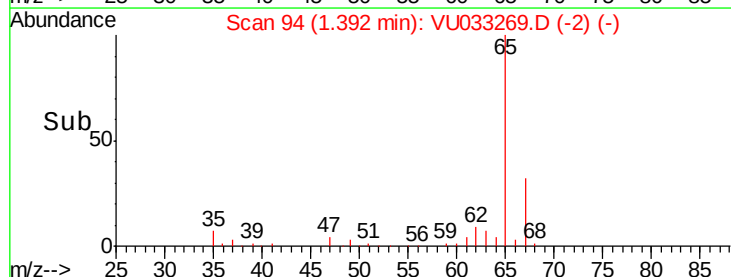
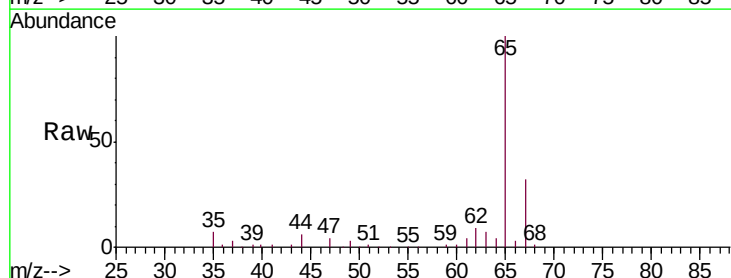
Acq: 16 Jul 2019 17:49

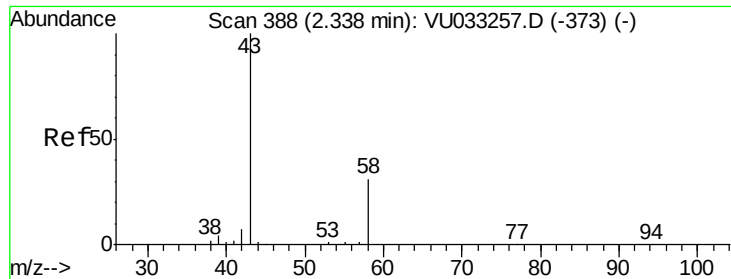
Tgt Ion: 62 Resp: 4215

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 :

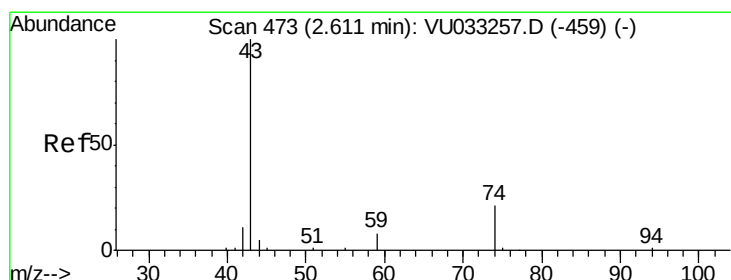
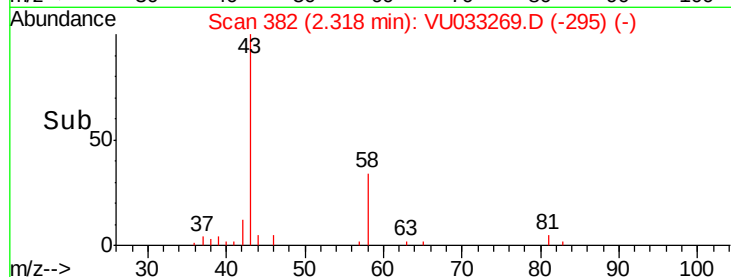
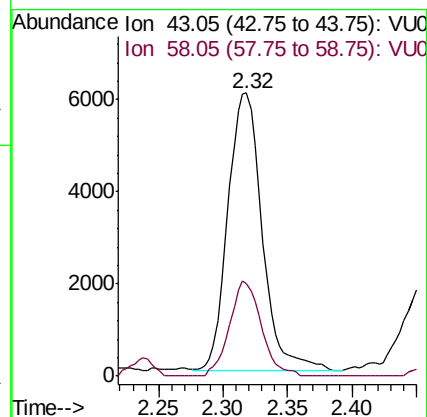
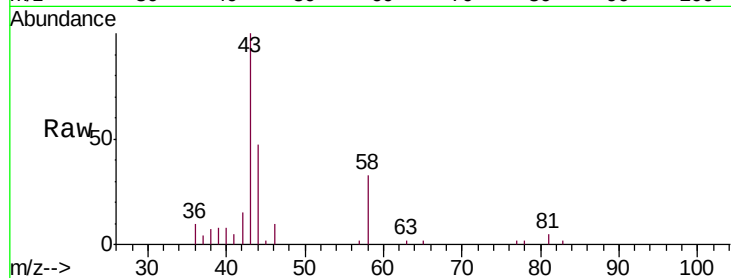
A52N0

Tgt Ion: 43 Resp: 11157

Ion Ratio Lower Upper

43 100

58 31.7 0.0 66.6



#15

Methyl Acetate

Concen: 1.053 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.15 min

Lab File: VU033269.D

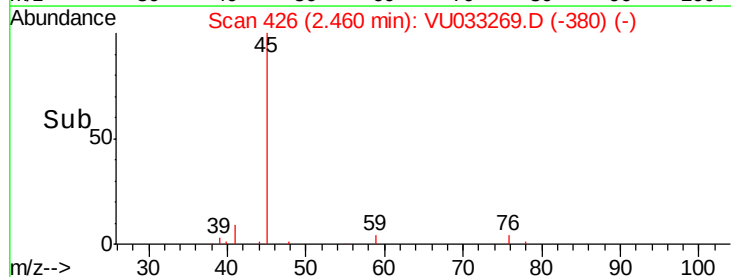
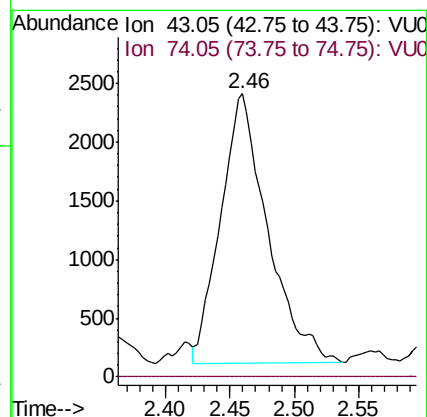
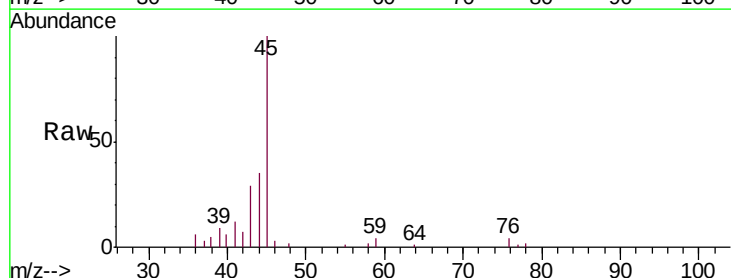
Acq: 16 Jul 2019 17:49

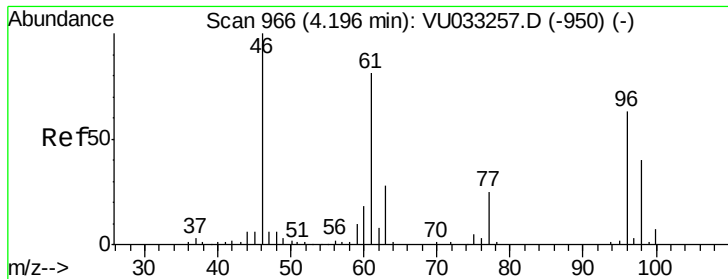
Tgt Ion: 43 Resp: 5804

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



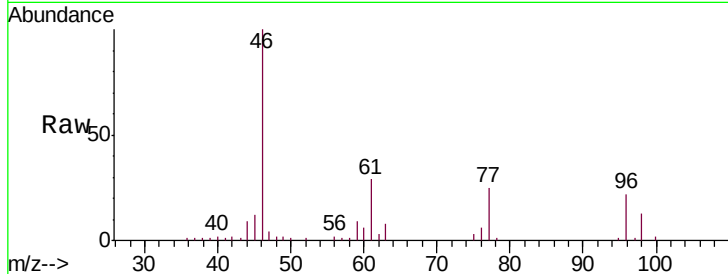


#22

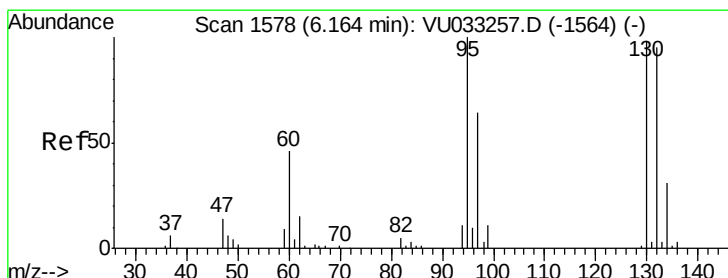
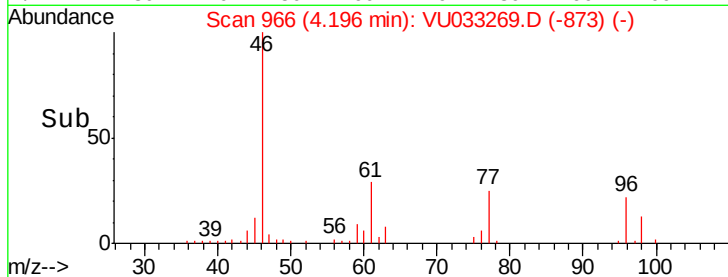
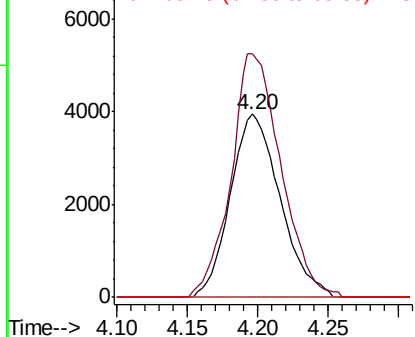
cis-1,2-Dichloroethene
Concen: 0.958 ug/L
RT: 4.20 min Scan# 966
Delta R.T. -0.00 min
Lab File: VU033269.D
Acq: 16 Jul 2019 17:49

Instrument :
MSVOA_U
ClientSampleId :
A52N0

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



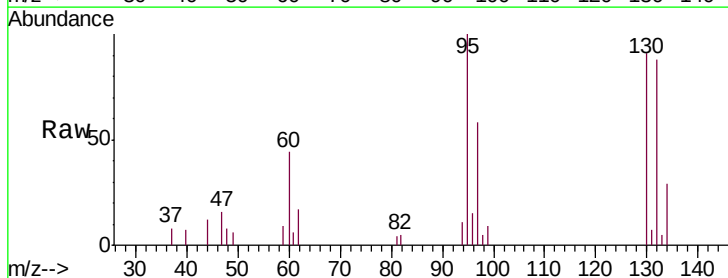
Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 68.15 (67.85 to 68.85): VU0



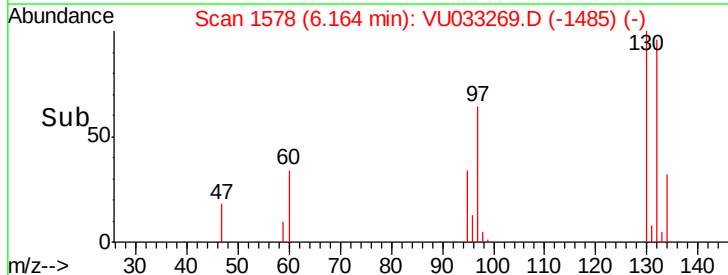
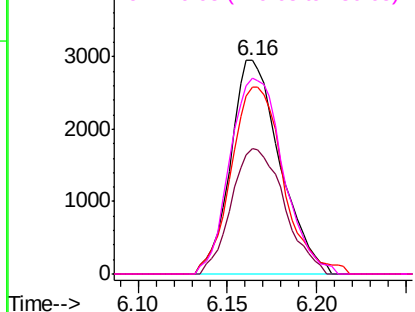
#34

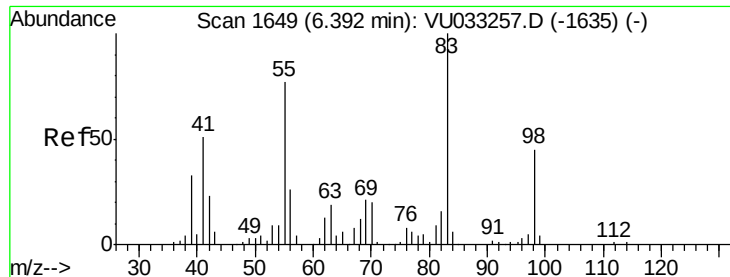
Trichloroethene
Concen: 0.541 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU033269.D
Acq: 16 Jul 2019 17:49

Tgt 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

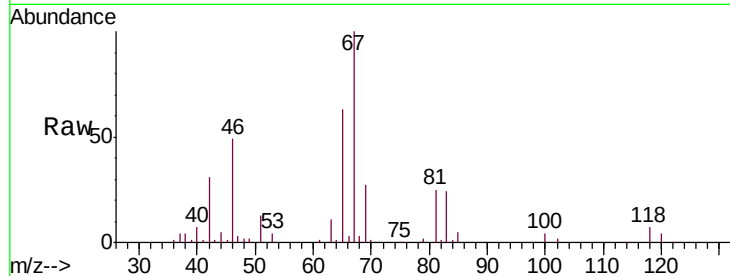




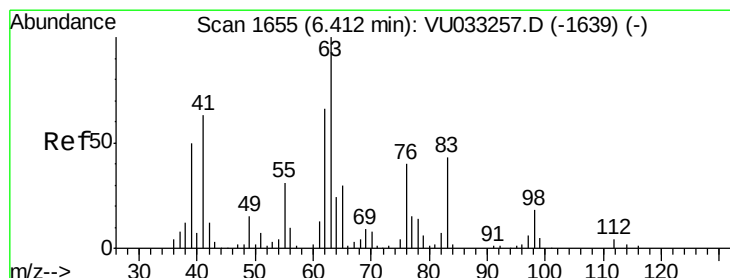
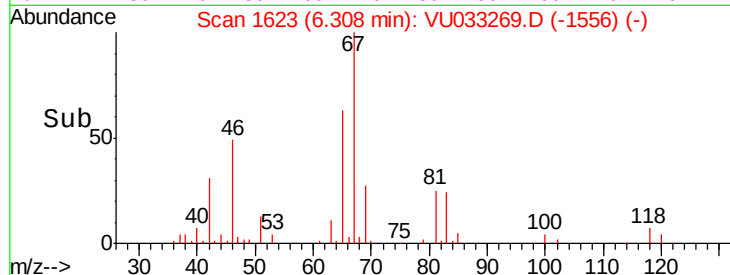
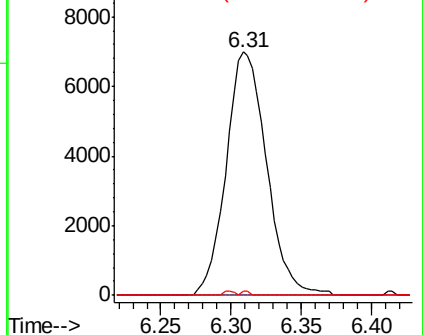
#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU033269.D
Acq: 16 Jul 2019 17:49

Instrument :
MSVOA_U
ClientSampled :
A52N0

Tgt Ion: 83 Resp: 13990
Ion Ratio Lower Upper
83 100
55 0.0 62.6 94.0#
98 0.3 36.2 54.2#

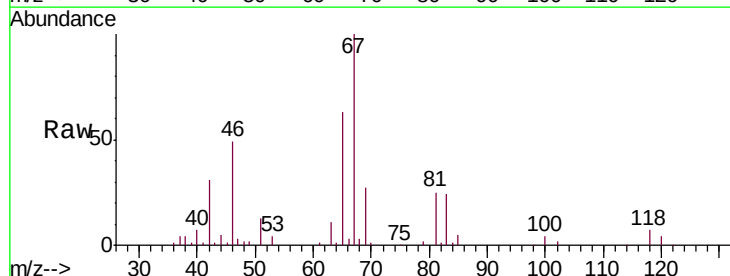


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

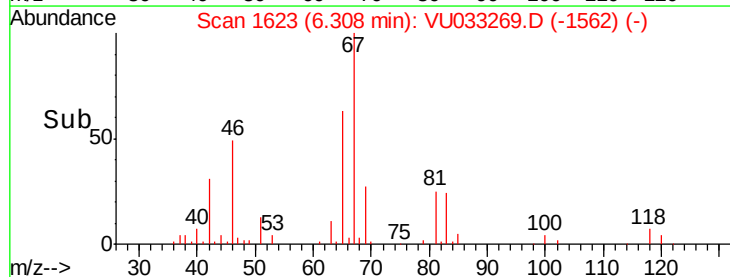
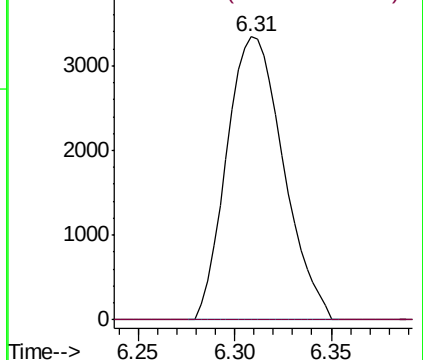


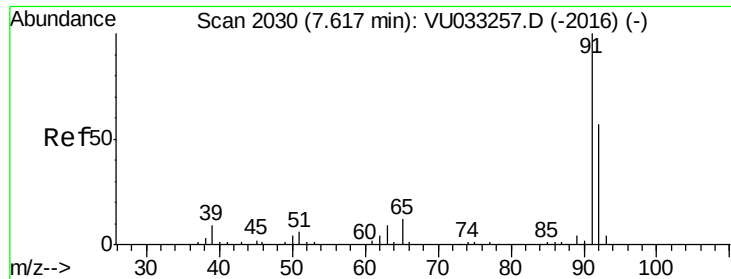
#37
1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU033269.D
Acq: 16 Jul 2019 17:49

Tgt Ion: 63 Resp: 6817
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): 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

Instrument :

MSVOA_U

ClientSampleId :

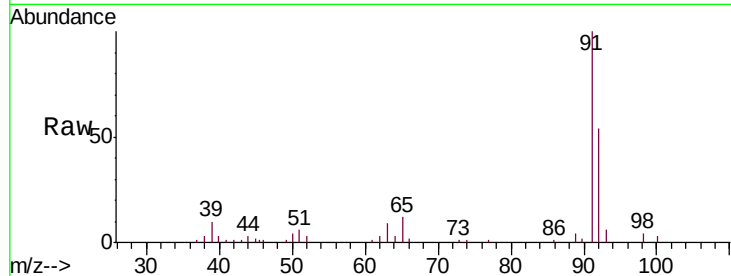
A52N0

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): VU033257.D (-2016) (-)

Ion 92.15 (91.85 to 92.85): VU033257.D (-2016) (-)

7.62

15000

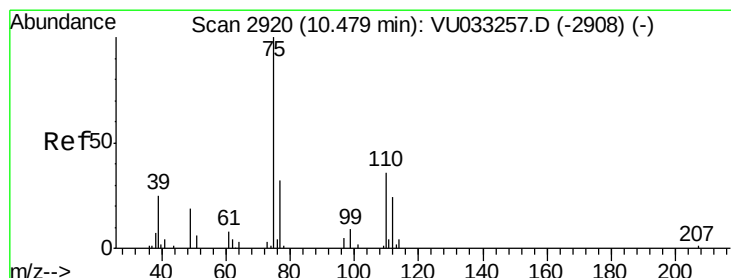
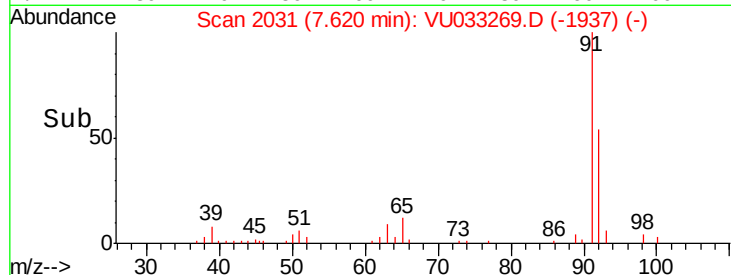
10000

5000

0

Time-->

7.55 7.60 7.65 7.70



#59

1,2,3-Trichloropropane

Concen: 1.135 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033269.D

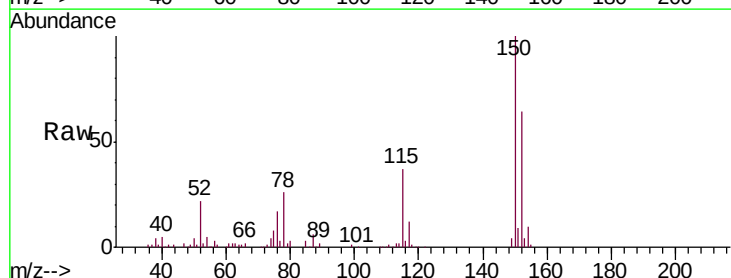
Acq: 16 Jul 2019 17:49

Tgt Ion: 75 Resp: 7963

Ion Ratio Lower Upper

75 100

77 35.7 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU033257.D (-2908) (-)

Ion 77.00 (76.70 to 77.70): VU033257.D (-2908) (-)

11.47

5000

4000

3000

2000

1000

0

Time-->

11.40 11.45 11.50

