

Data File : VU032701.D
Acq On : 13 Jun 2019 18:03
Operator : JC/SP
Sample : K3364-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COM23

Quant Time: Jun 14 07:41:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 14 07:38:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	94830	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	90211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44281	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	29467	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.67	69	25429	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.27	63	46179	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	4.18	46	95030	55.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.46%
24) Chloroform-d	4.64	84	58882	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	5.31	65	32885	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
32) Benzene-d6	5.33	84	113526	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.32	67	36870	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.56	98	102389	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	7.85	79	13319	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.31	63	64192	43.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.74%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29788	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	41407	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

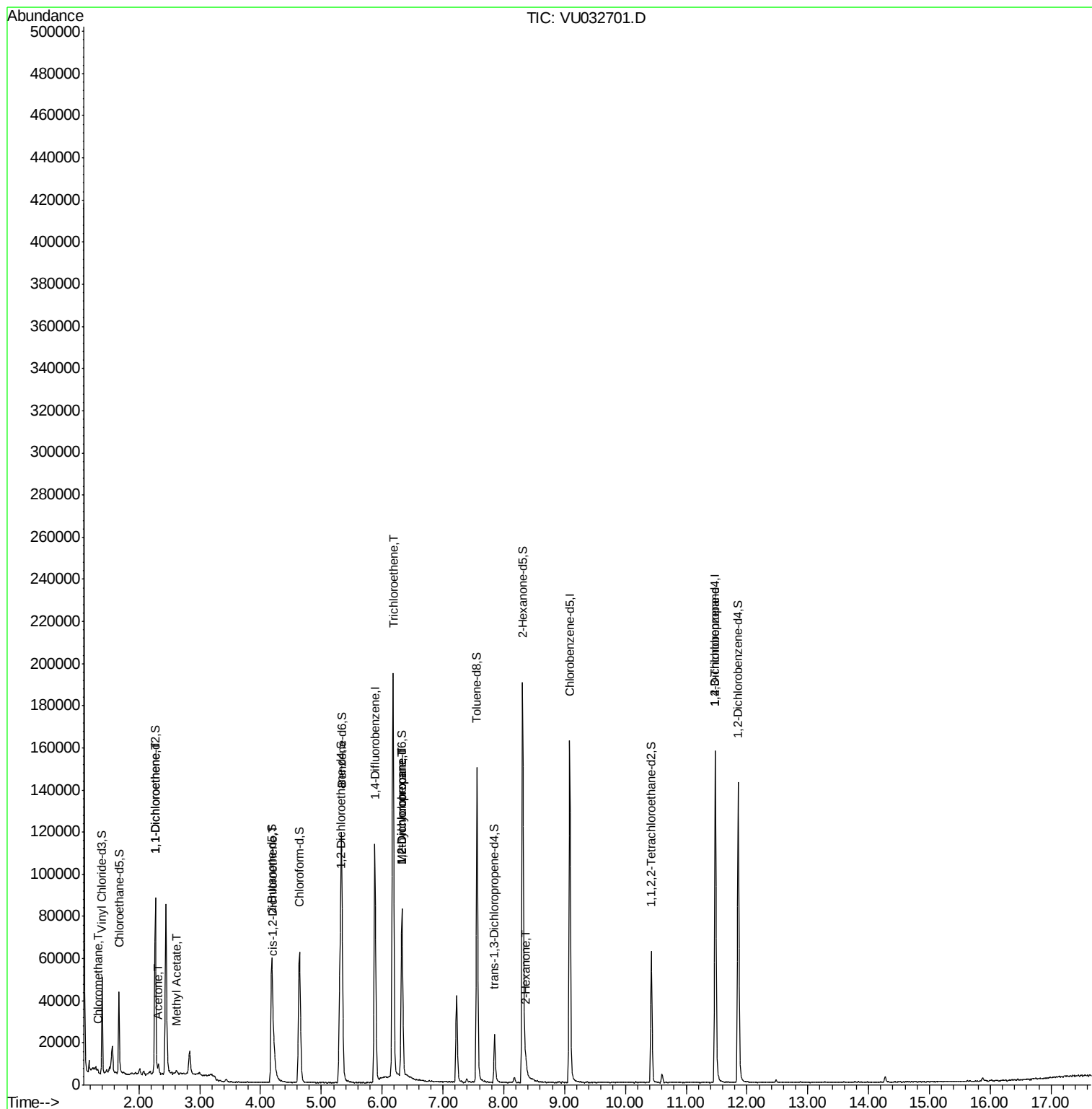
						Qvalue
3) Chloromethane	1.32	50	1118	0.132	ug/L	93
12) 1,1-Dichloroethene	2.28	96	3160	0.524	ug/L #	1
13) Acetone	2.32	43	3842	2.877	ug/L	98
15) Methyl Acetate	2.61	43	1810	0.494	ug/L #	85
22) cis-1,2-Dichloroethene	4.21	96	1850	0.251	ug/L	98
34) Trichloroethene	6.18	95	64118	8.381	ug/L	99
35) Methylcyclohexane	6.32	83	8316	0.676	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4177	0.607	ug/L #	89
48) 2-Hexanone	8.36	43	4434	1.267	ug/L #	90
59) 1,2,3-Trichloropropane	11.48	75	5645	1.249	ug/L	91

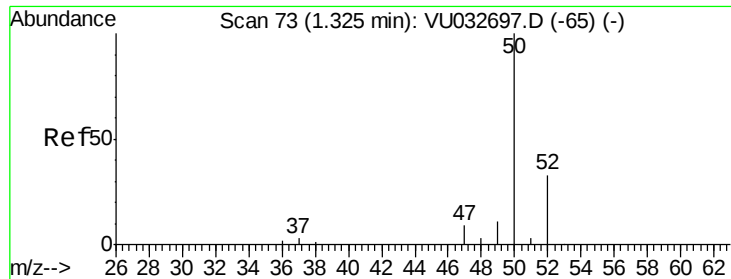
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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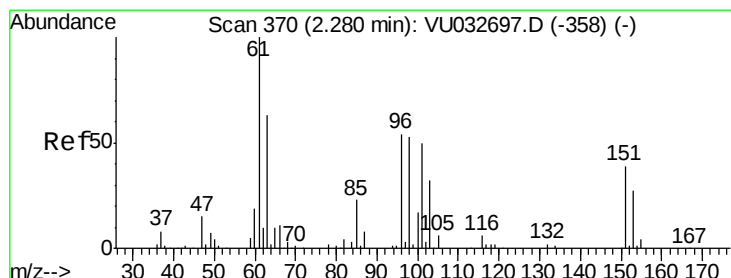
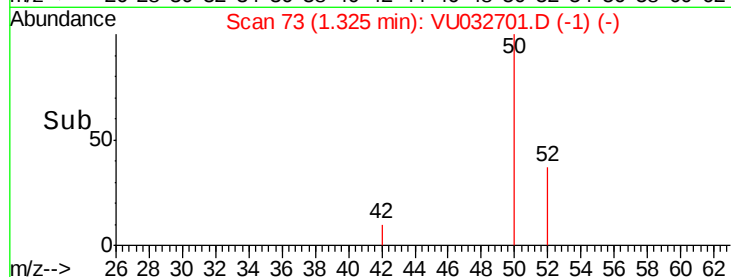
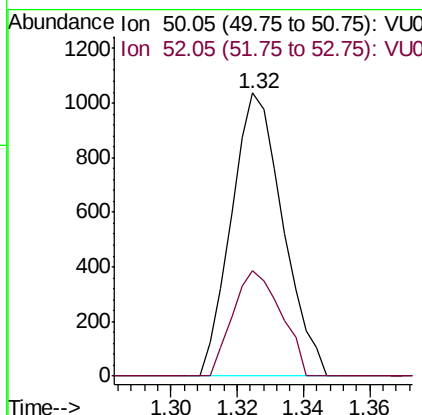
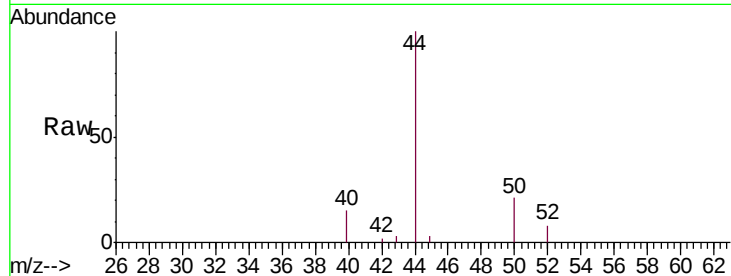




#3
 Chloromethane
 Concen: 0.132 ug/L
 RT: 1.32 min Scan# 73
 Delta R.T. -0.00 min
 Lab File: VU032701.D
 Acq: 13 Jun 2019 18:03

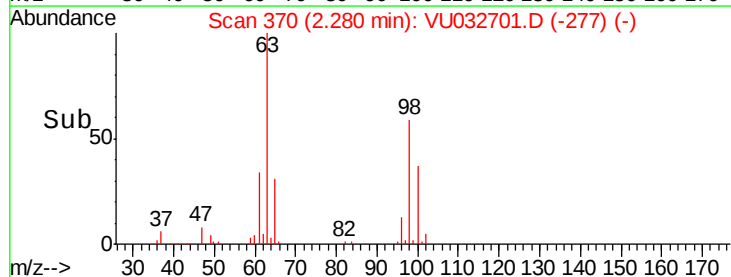
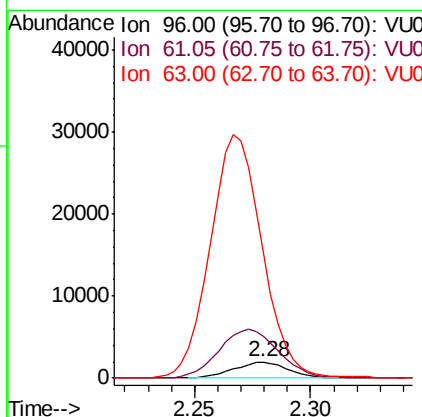
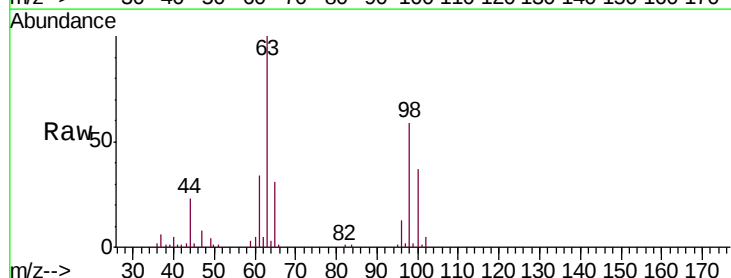
Instrument :
 MSVOA_U
 ClientSampleId :
 COM23

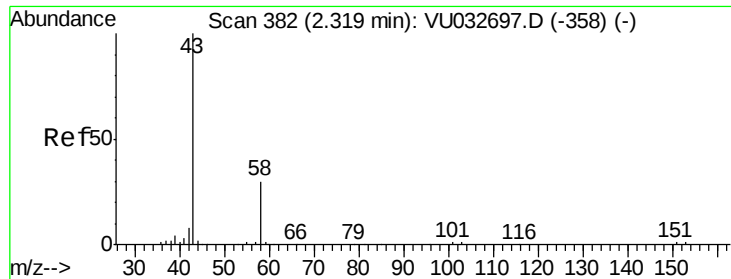
Tgt Ion: 50 Resp: 1118
 Ion Ratio Lower Upper
 50 100
 52 37.0 23.2 43.2



#12
 1,1-Dichloroethene
 Concen: 0.524 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032701.D
 Acq: 13 Jun 2019 18:03

Tgt Ion: 96 Resp: 3160
 Ion Ratio Lower Upper
 96 100
 61 257.0 131.8 244.8#
 63 755.6 90.1 167.3#





#13

Acetone

Concen: 2.877 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032701.D

Acq: 13 Jun 2019 18:03

Instrument :

MSVOA_U

ClientSampleId :

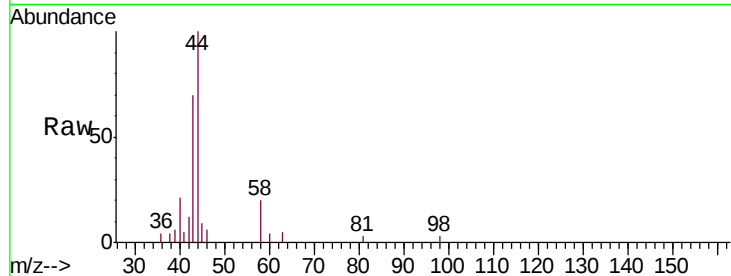
COM23

Tgt Ion: 43 Resp: 3842

Ion Ratio Lower Upper

43 100

58 29.6 0.0 60.8



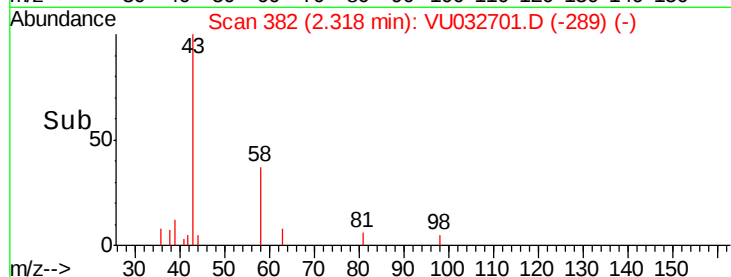
Abundance Ion 43.05 (42.75 to 43.75): VU032697.D (-358) (-)

Ion 58.05 (57.75 to 58.75): VU032697.D (-358) (-)

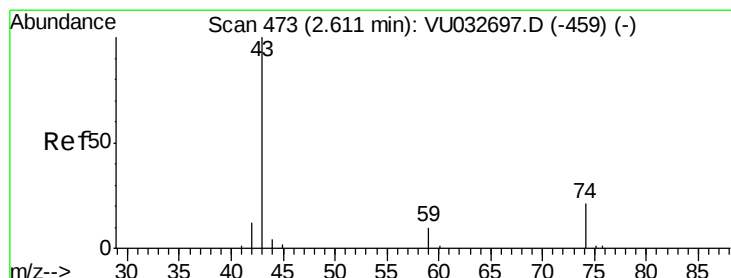
2.32

2.35

Time-->



Time-->



#15

Methyl Acetate

Concen: 0.494 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.00 min

Lab File: VU032701.D

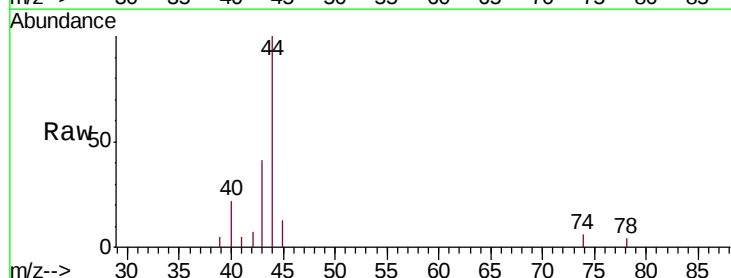
Acq: 13 Jun 2019 18:03

Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

74 15.2 17.8 26.8#



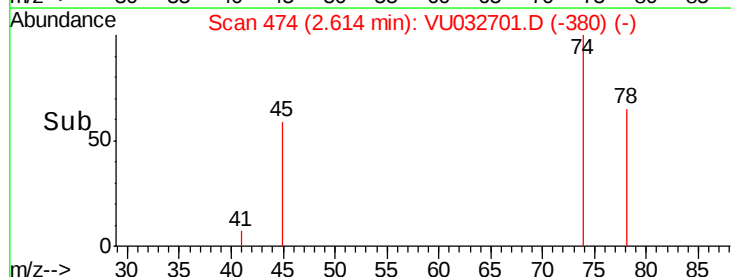
Abundance Ion 43.05 (42.75 to 43.75): VU032697.D (-459) (-)

Ion 74.05 (73.75 to 74.75): VU032697.D (-459) (-)

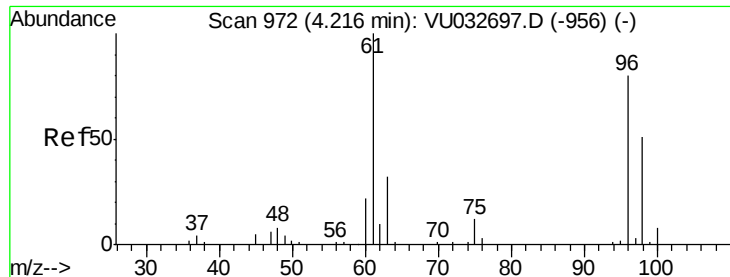
2.61

2.65

Time-->



Time-->

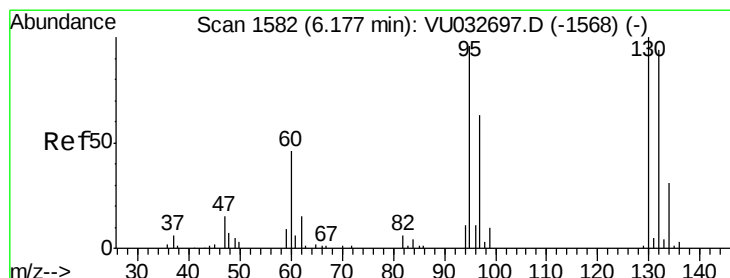
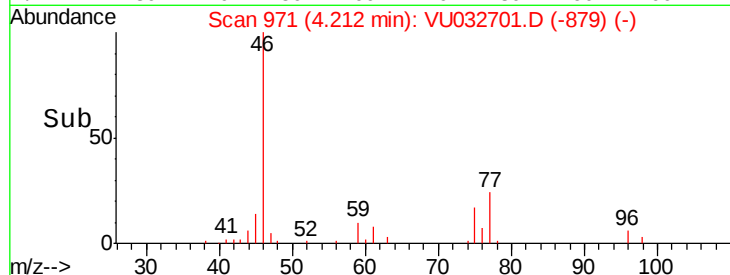
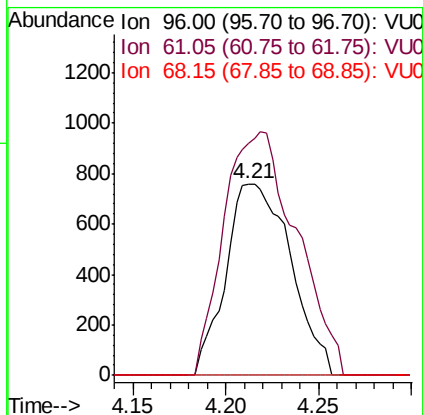
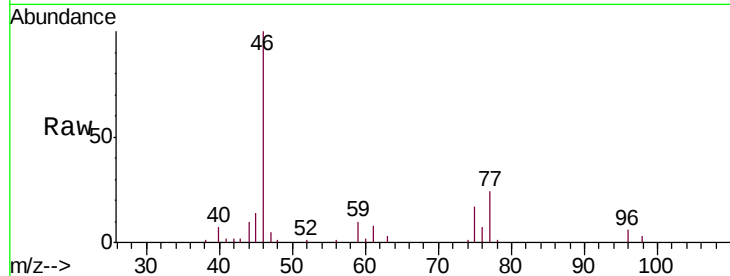


#22

cis-1,2-Dichloroethene
Concen: 0.251 ug/L
RT: 4.21 min Scan# 971
Delta R.T. -0.00 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Instrument :
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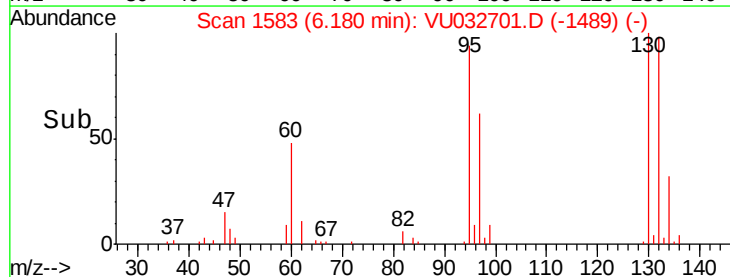
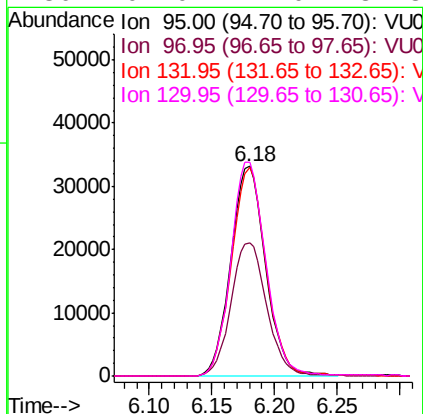
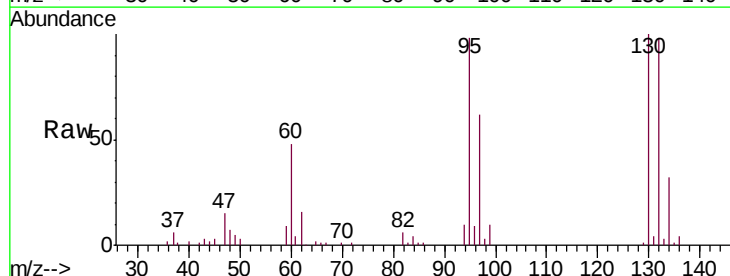
Tgt Ion: 96 Resp: 1850
Ion Ratio Lower Upper
96 100
61 121.4 86.6 160.8
68 0.0 0.0 0.0

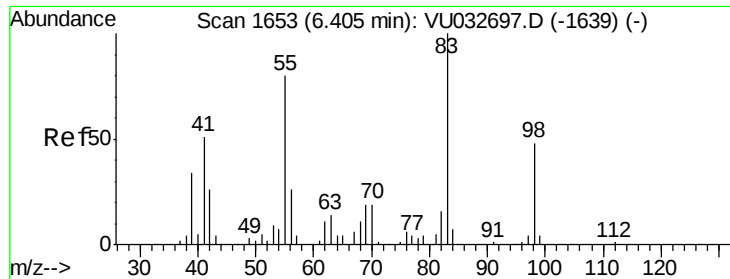


#34

Trichloroethene
Concen: 8.381 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Tgt Ion: 95 Resp: 64118
Ion Ratio Lower Upper
95 100
97 63.6 44.1 81.9
132 99.5 68.8 127.8
130 102.0 71.0 131.8

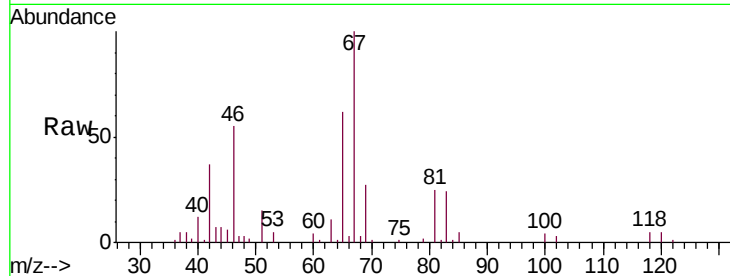




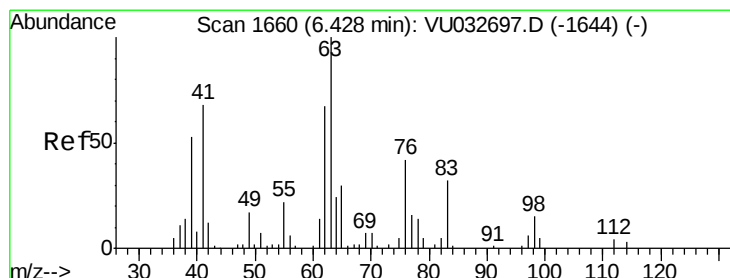
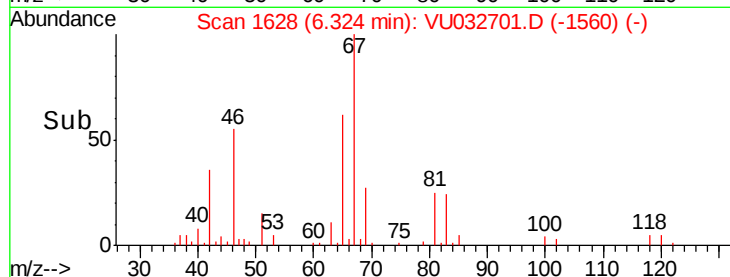
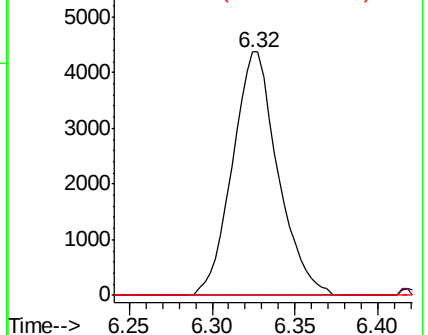
#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Instrument :
MSVOA_U
ClientSampleId :
COM23

Tgt Ion: 83 Resp: 8316
Ion Ratio Lower Upper
83 100
55 0.5 60.0 90.0#
98 0.0 37.8 56.8#

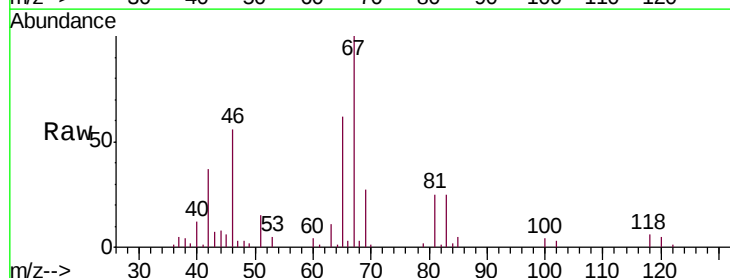


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

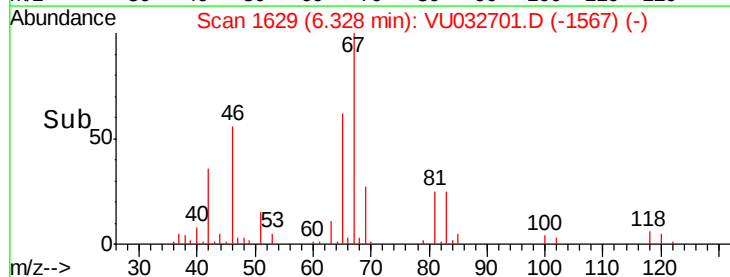
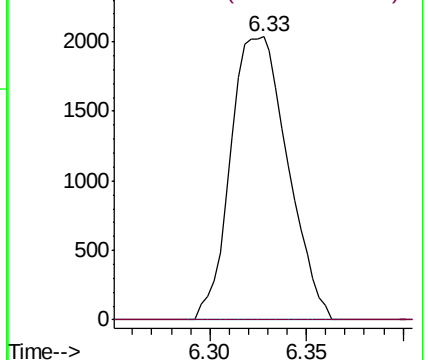


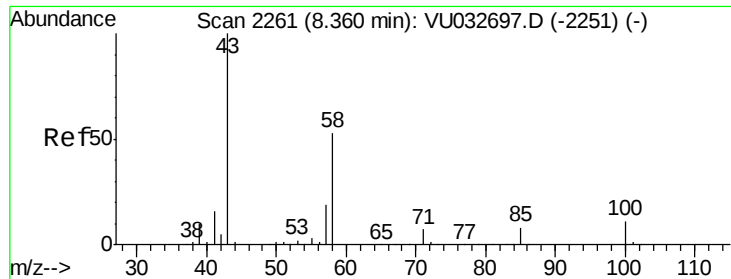
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Tgt Ion: 63 Resp: 4177
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



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

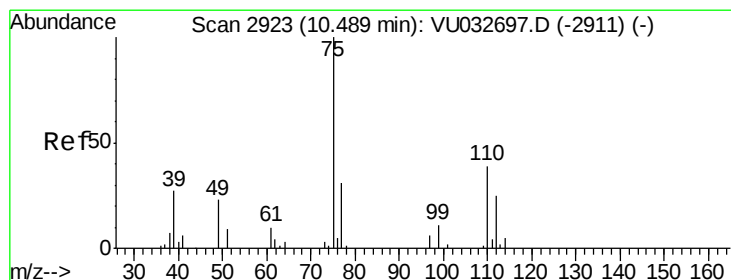
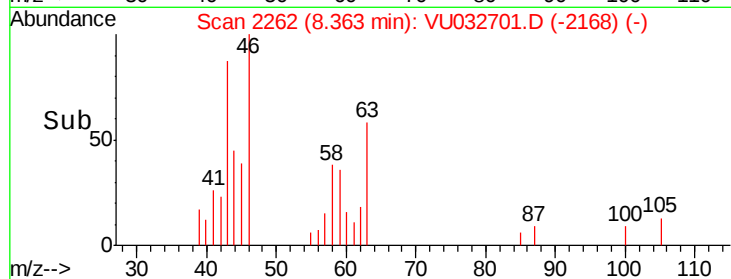
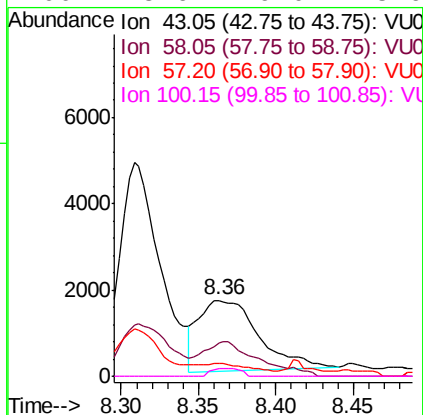
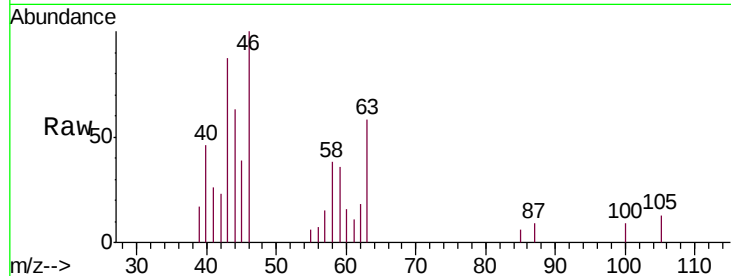




#48
2-Hexanone
Concen: 1.267 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Instrument :
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Tgt Ion: 43 Resp: 4434
Ion Ratio Lower Upper
43 100
58 46.4 41.9 62.9
57 13.6 15.1 22.7#
100 5.6 9.0 13.6#



#59
1,2,3-Trichloropropane
Concen: 1.249 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032701.D
Acq: 13 Jun 2019 18:03

Tgt Ion: 75 Resp: 5645
Ion Ratio Lower Upper
75 100
77 36.4 25.3 37.9

