

Data File : VU032436.D
Acq On : 04 Jun 2019 18:45
Operator : JC/SP
Sample : K3081-08DL 4X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALD8DL

Quant Time: Jun 04 23:09:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jun 04 22:54:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	102648	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	94859	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47540	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34007	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.67	69	27391	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.27	63	52826	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.18	46	94129	50.54	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.64	84	61805	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.31	65	33531	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.33	84	129299	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	6.32	67	39565	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.56	98	121456	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
43) trans-1,3-Dichloropropene-	7.85	79	15295	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.31	63	78032	50.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31440	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	48249	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

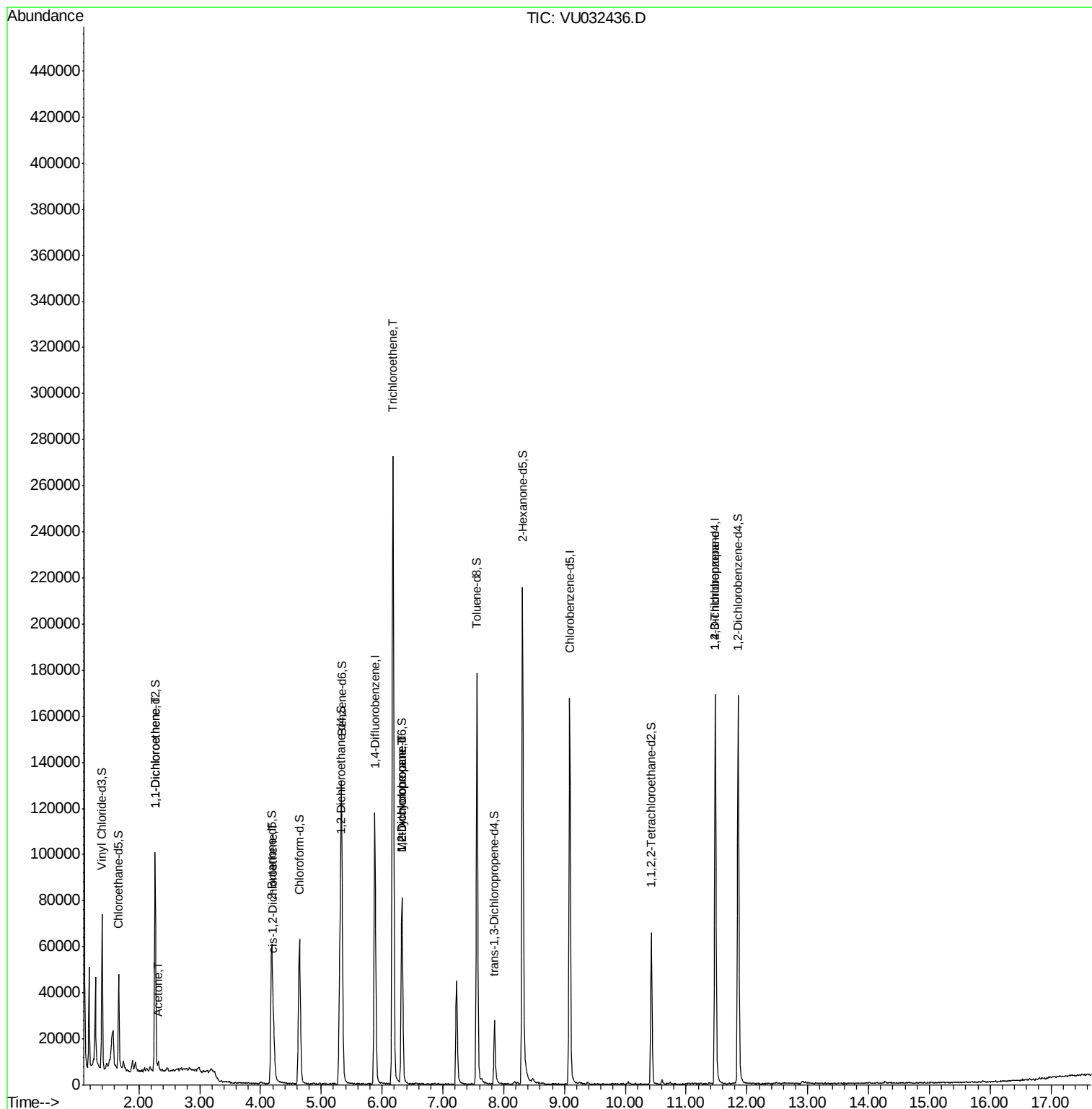
					Qvalue
12) 1,1-Dichloroethene	2.27	96	872	0.134 ug/L #	1
13) Acetone	2.32	43	3169	2.192 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	7504	0.942 ug/L	93
34) Trichloroethene	6.18	95	92688	11.522 ug/L	99
35) Methylcyclohexane	6.32	83	9265	0.716 ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4260	0.589 ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5719	1.204 ug/L	91

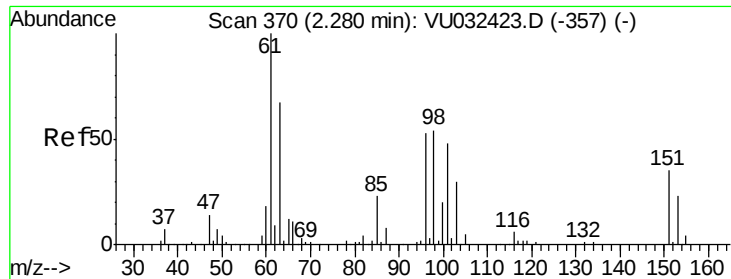
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.134 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032436.D

Acq: 04 Jun 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

GALD8DL

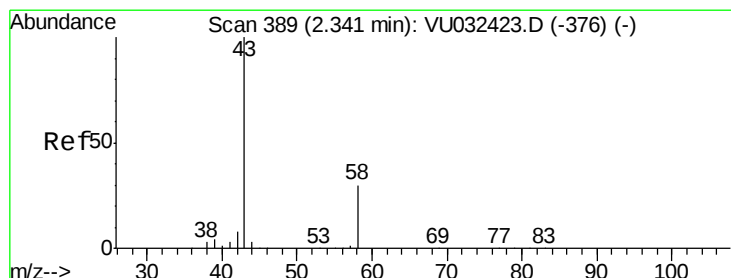
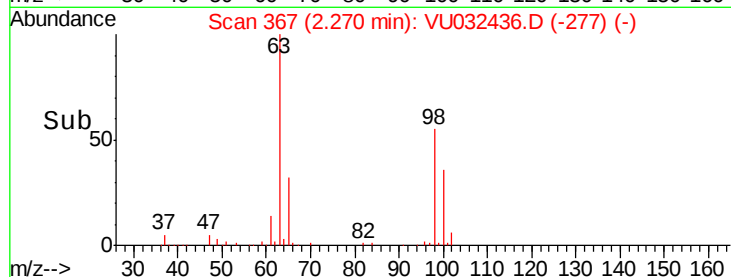
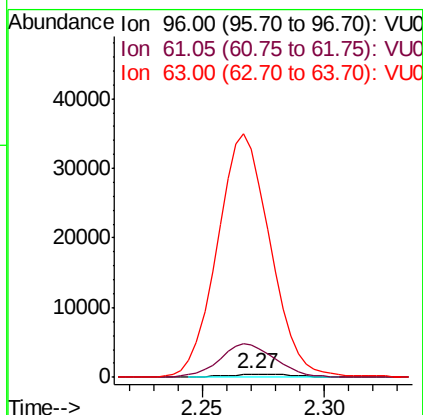
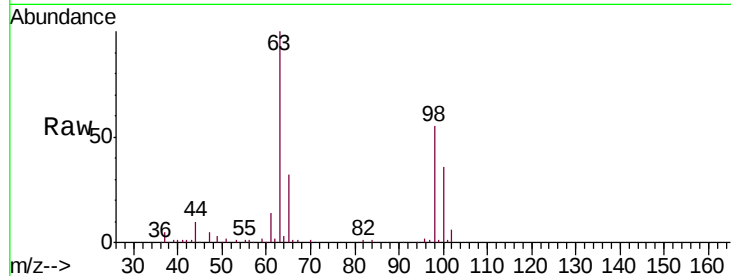
Tgt Ion: 96 Resp: 872

Ion Ratio Lower Upper

96 100

61 936.0 131.8 244.8#

63 6542.4 90.1 167.3#



#13

Acetone

Concen: 2.192 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.02 min

Lab File: VU032436.D

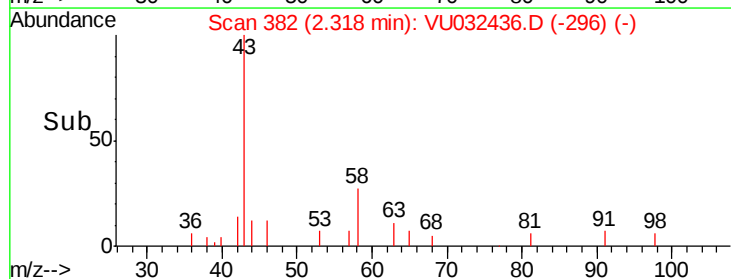
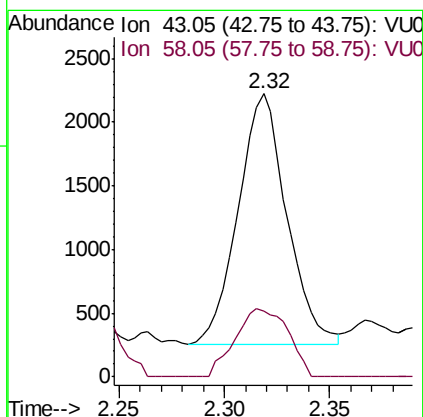
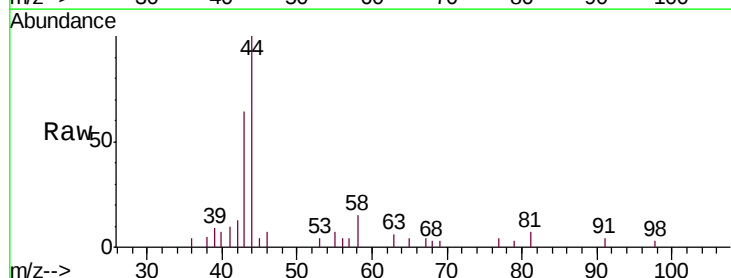
Acq: 04 Jun 2019 18:45

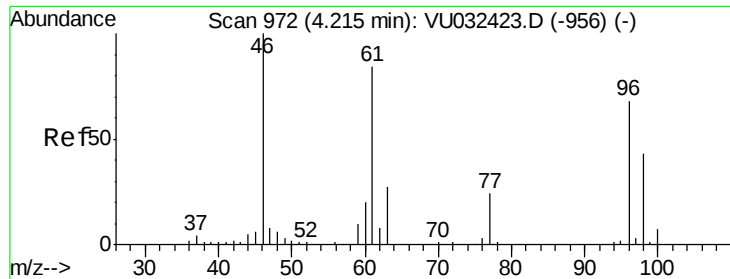
Tgt Ion: 43 Resp: 3169

Ion Ratio Lower Upper

43 100

58 29.5 0.0 60.8



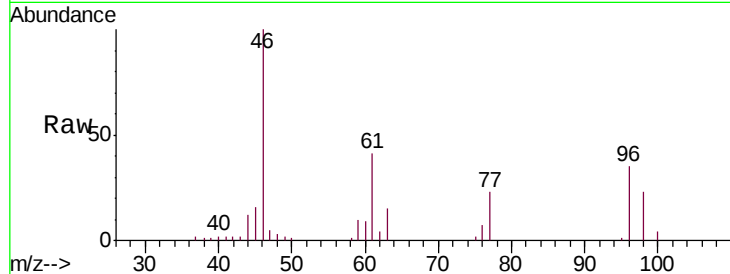


#22

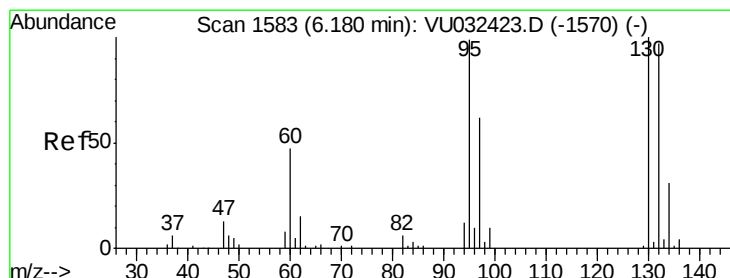
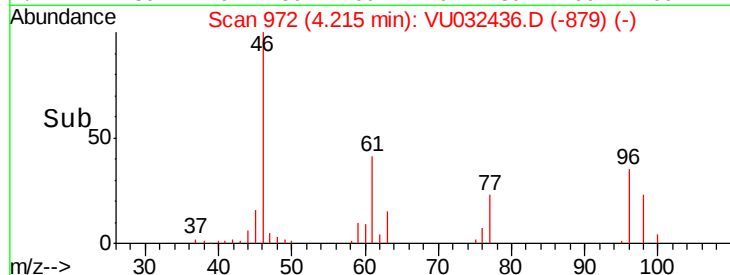
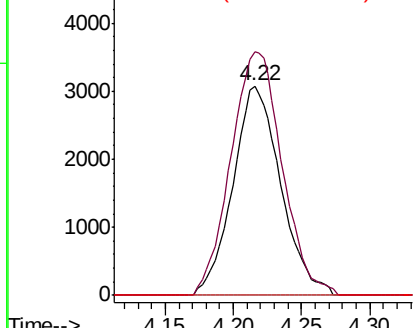
cis-1,2-Dichloroethene
 Concen: 0.942 ug/L
 RT: 4.22 min Scan# 972
 Delta R.T. 0.00 min
 Lab File: VU032436.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 GALD8DL

Tgt Ion: 96 Resp: 7504
 Ion Ratio Lower Upper
 96 100
 61 116.3 86.6 160.8
 68 0.0 0.0 0.0



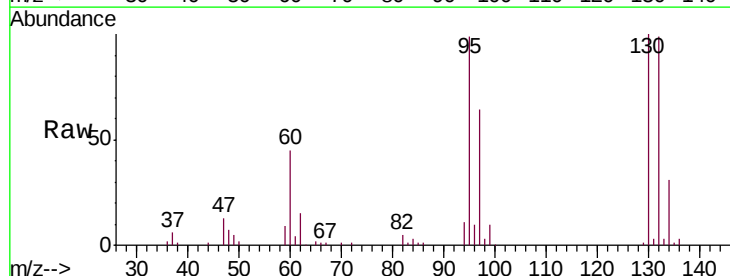
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



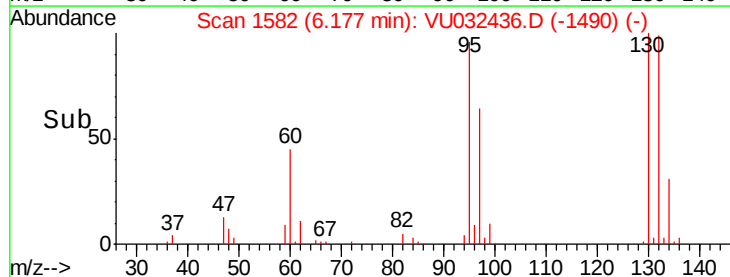
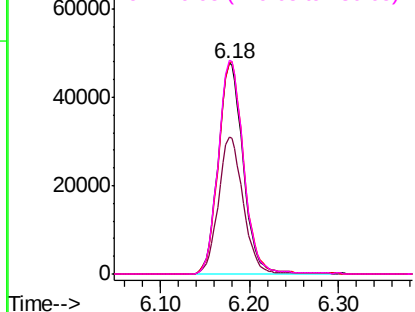
#34

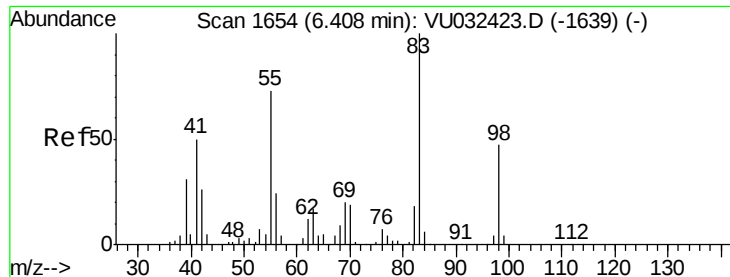
Trichloroethene
 Concen: 11.522 ug/L
 RT: 6.18 min Scan# 1582
 Delta R.T. -0.00 min
 Lab File: VU032436.D
 Acq: 04 Jun 2019 18:45

Tgt Ion: 95 Resp: 92688
 Ion Ratio Lower Upper
 95 100
 97 65.0 44.1 81.9
 132 100.1 68.8 127.8
 130 101.2 71.0 131.8



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

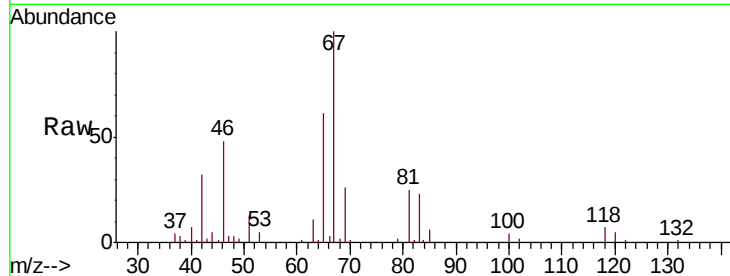




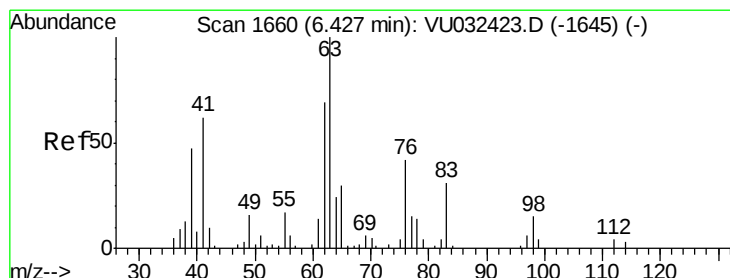
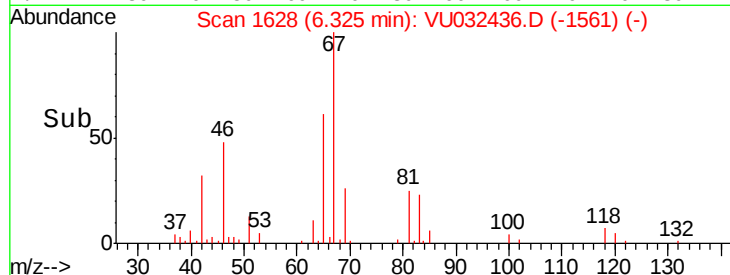
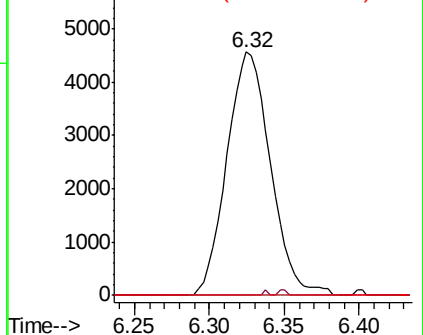
#35
Methylcyclohexane
Concen: 0.716 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032436.D
Acq: 04 Jun 2019 18:45

Instrument :
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Tgt Ion: 83 Resp: 9265
Ion Ratio Lower Upper
83 100
55 0.2 60.0 90.0#
98 0.0 37.8 56.8#

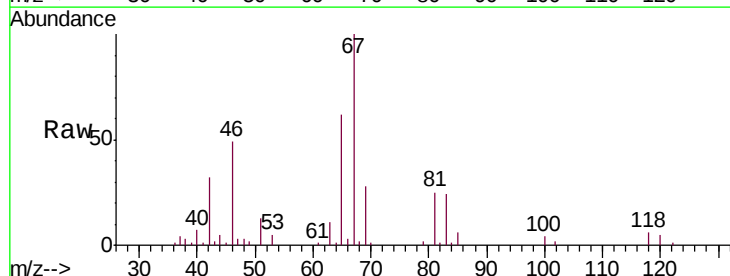


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

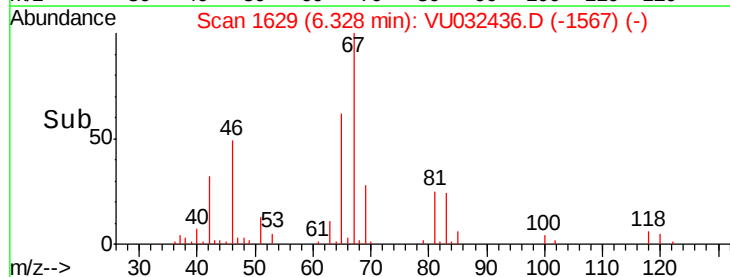
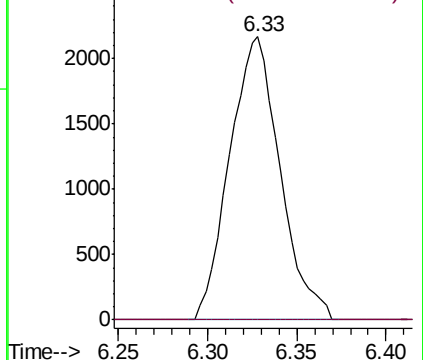


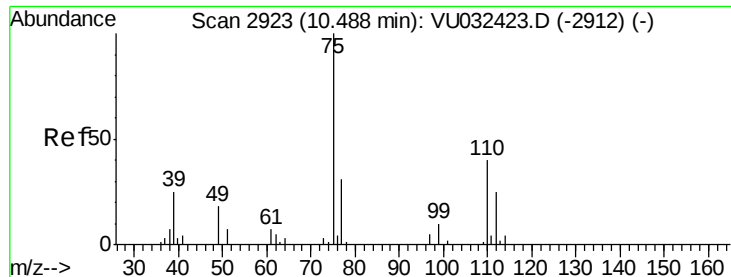
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032436.D
Acq: 04 Jun 2019 18:45

Tgt Ion: 63 Resp: 4260
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





#59

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032436.D

Acq: 04 Jun 2019 18:45

Instrument :

MSVOA_U

ClientSampleId :

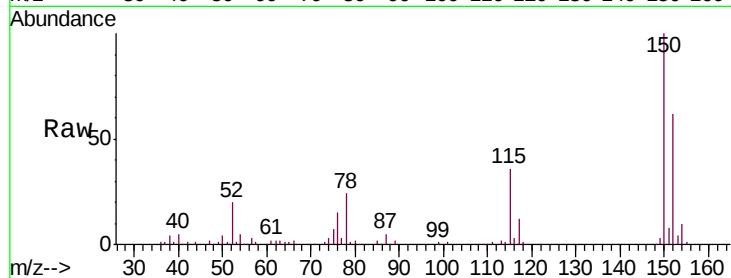
GALD8DL

Tgt Ion: 75 Resp: 5719

Ion Ratio Lower Upper

75 100

77 36.3 25.3 37.9



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

