

Data File : VU032890.D
Acq On : 20 Jun 2019 10:13
Operator : JC/SP
Sample : K3414-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GALM5

Quant Time: Jun 21 05:31:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 21 05:28:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	92390	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89640	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26063	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.67	69	22886	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.26	63	42528	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.23	46	78132	46.61	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.22%
24) Chloroform-d	4.64	84	56301	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.31	65	32767	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.33	84	104107	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.32	67	35482	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.56	98	98140	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.85	79	14499	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.31	63	77237	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31442	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	42425	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

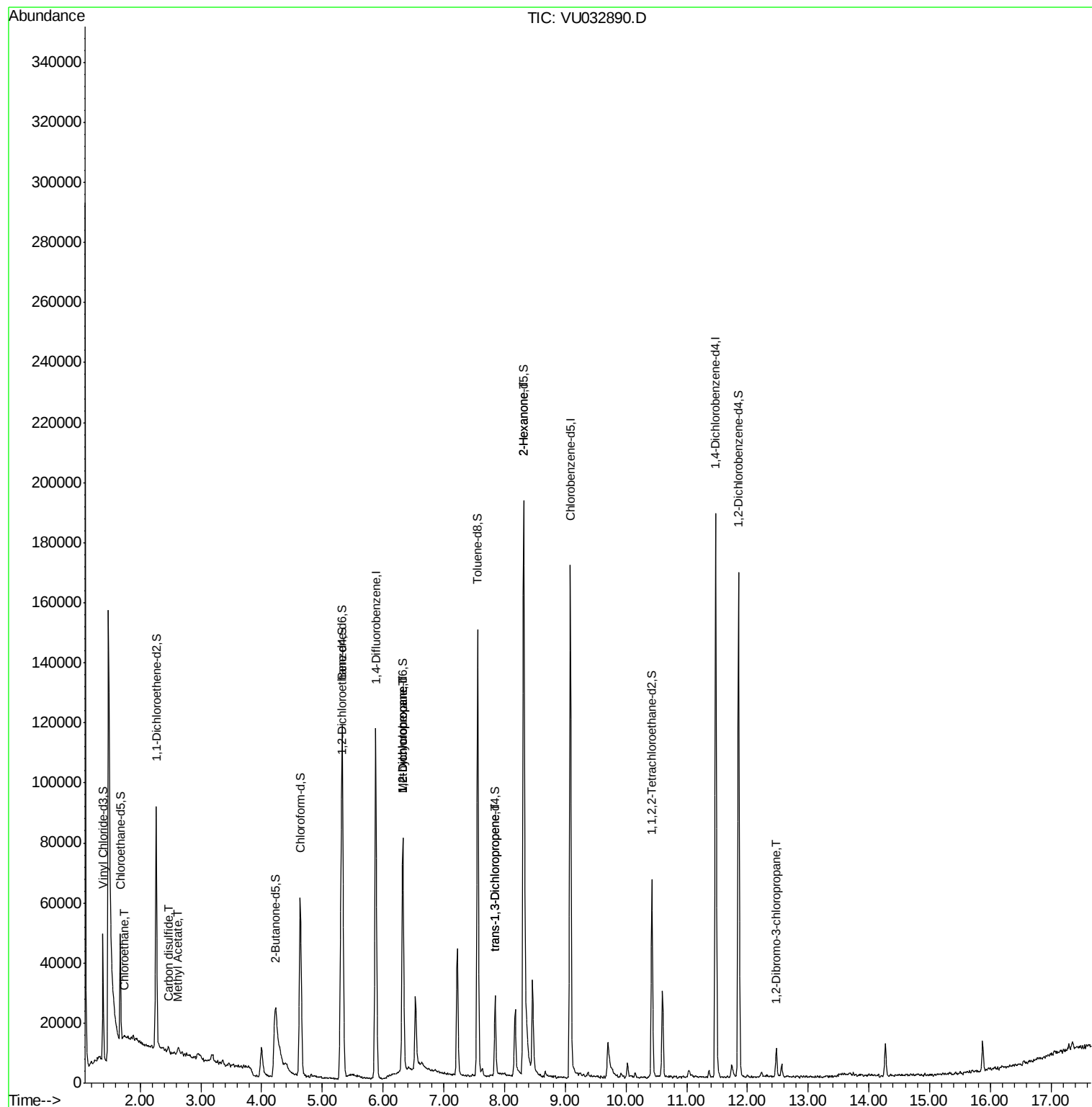
					Qvalue	
8) Chloroethane	1.75	64	8511	1.648	ug/L #	51
14) Carbon disulfide	2.47	76	2181	0.116	ug/L #	76
15) Methyl Acetate	2.63	43	3914	1.096	ug/L #	86
35) Methylcyclohexane	6.32	83	8067	0.660	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	4574	0.669	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	701	0.084	ug/L #	78
48) 2-Hexanone	8.31	43	9088	2.613	ug/L #	67
66) 1,2-Dibromo-3-chloropropan	12.47	75	274	0.259	ug/L #	1

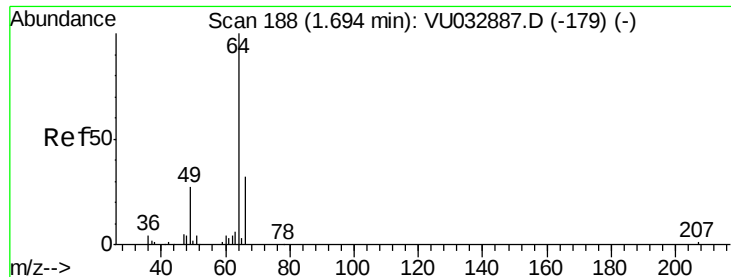
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.648 ug/L

RT: 1.75 min Scan# 204

Delta R.T. 0.05 min

Lab File: VU032890.D

Acq: 20 Jun 2019 10:13

Instrument :

MSVOA_U

ClientSampleId :

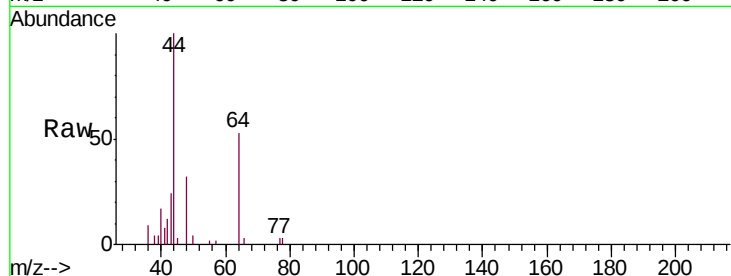
GALM5

Tgt Ion: 64 Resp: 8511

Ion Ratio Lower Upper

64 100

66 5.1 22.8 42.4#

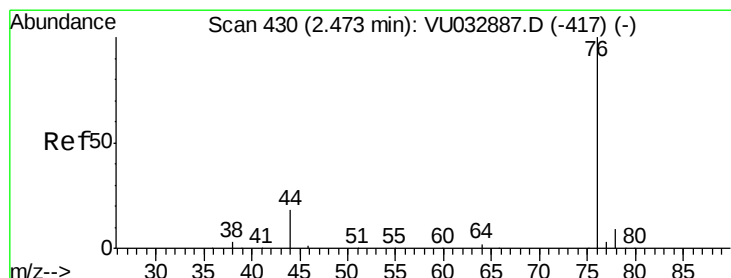
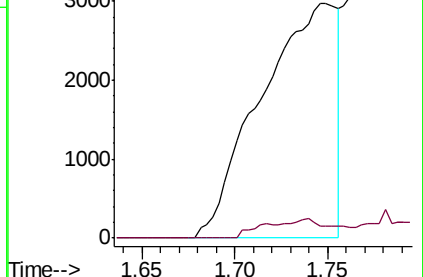
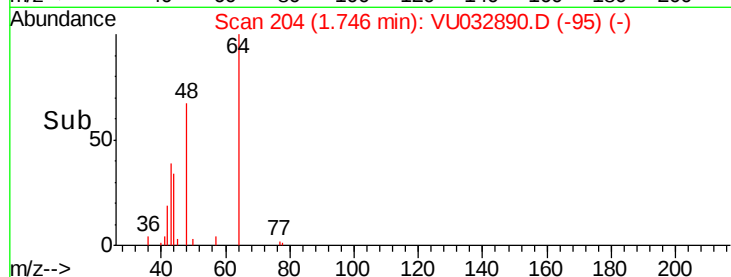


Abundance Ion 64.10 (63.80 to 64.80): VU032887.D (-179) (-)

Ion 66.05 (65.75 to 66.75): VU032887.D (-179) (-)

Time-->

1.75



#14

Carbon disulfide

Concen: 0.116 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.01 min

Lab File: VU032890.D

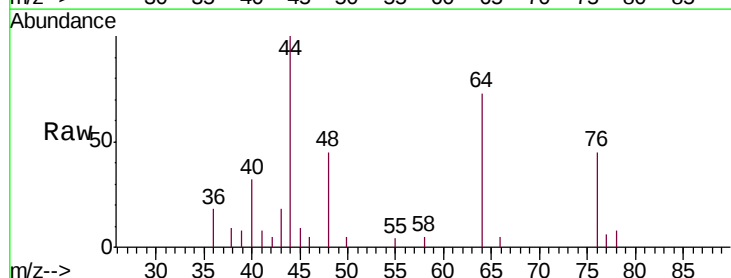
Acq: 20 Jun 2019 10:13

Tgt Ion: 76 Resp: 2181

Ion Ratio Lower Upper

76 100

78 18.0 7.3 10.9#

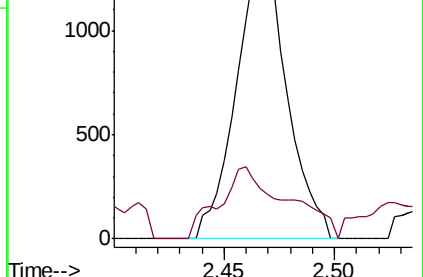
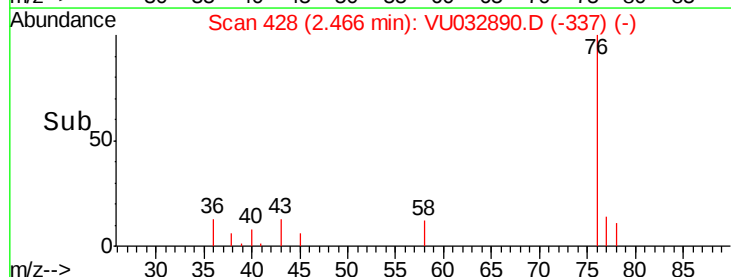


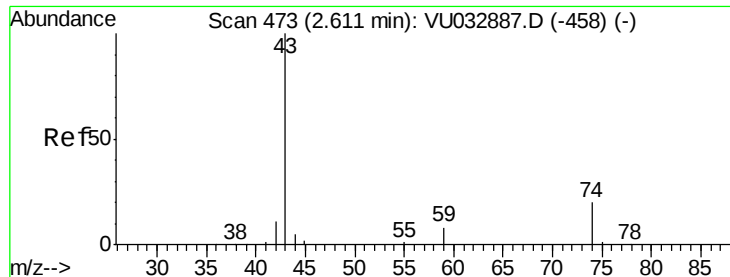
Abundance Ion 76.05 (75.75 to 76.75): VU032887.D (-417) (-)

Ion 78.00 (77.70 to 78.70): VU032887.D (-417) (-)

Time-->

2.47

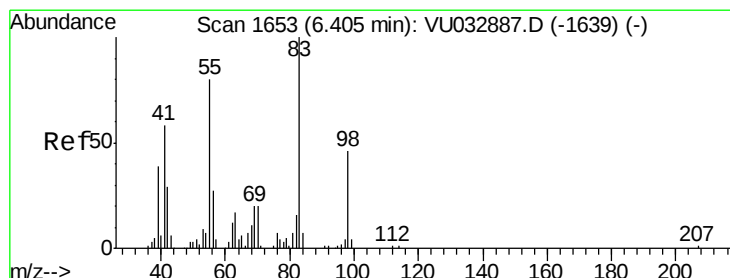
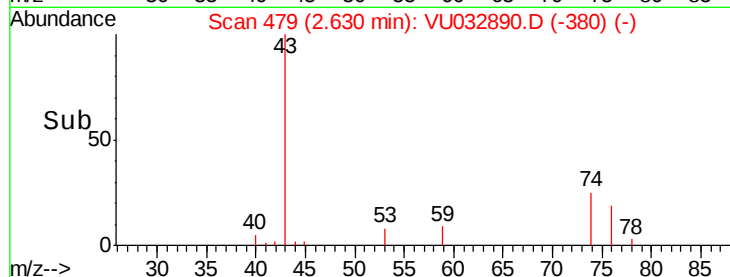
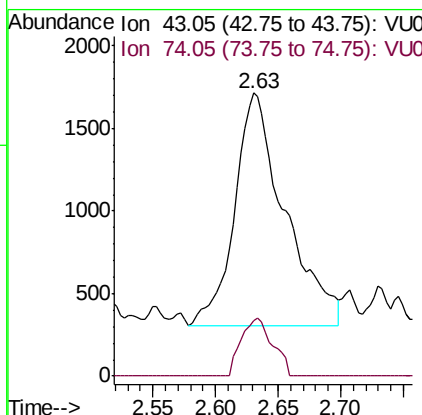
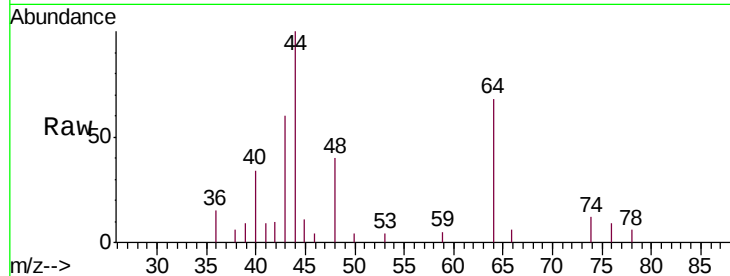




#15
Methyl Acetate
Concen: 1.096 ug/L
RT: 2.63 min Scan# 479
Delta R.T. 0.02 min
Lab File: VU032890.D
Acq: 20 Jun 2019 10:13

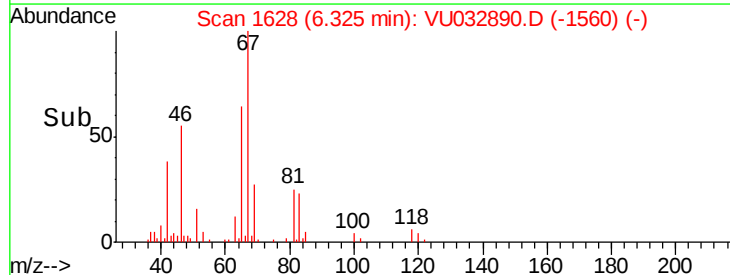
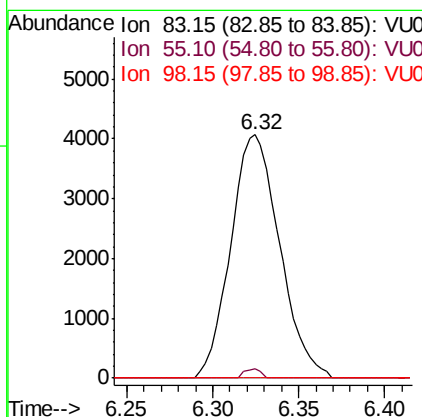
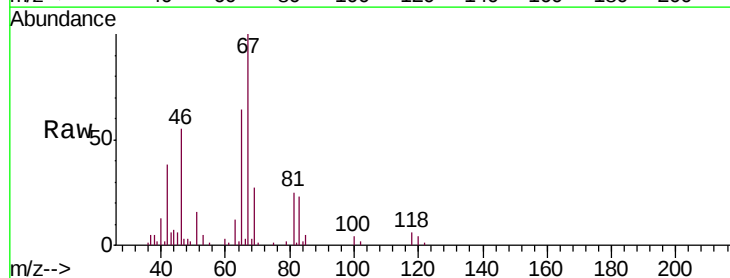
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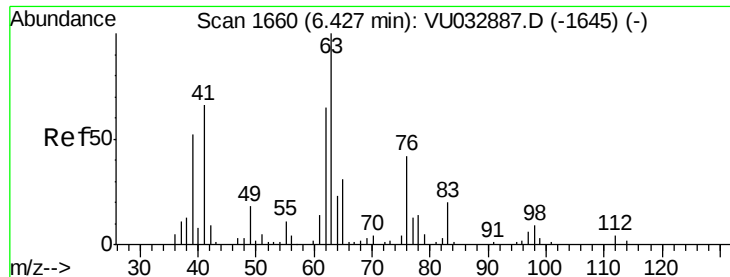
Tgt Ion: 43 Resp: 3914
Ion Ratio Lower Upper
43 100
74 15.7 17.8 26.8#



#35
Methylcyclohexane
Concen: 0.660 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032890.D
Acq: 20 Jun 2019 10:13

Tgt Ion: 83 Resp: 8067
Ion Ratio Lower Upper
83 100
55 1.3 60.0 90.0#
98 0.0 37.8 56.8#

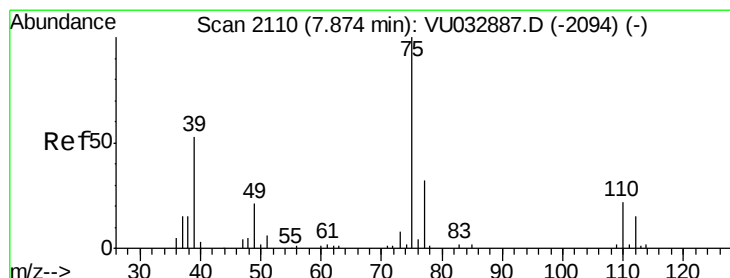
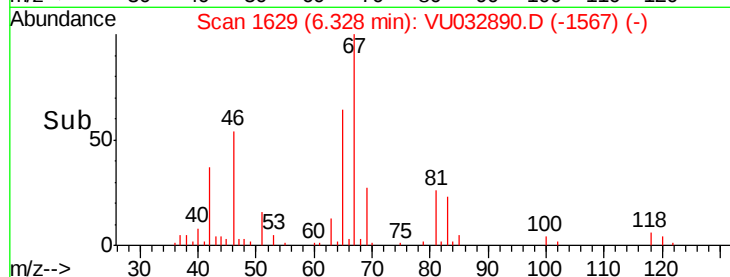
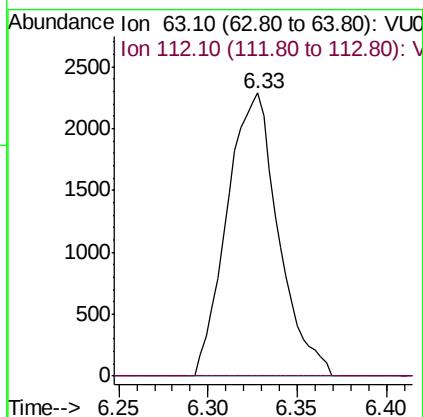
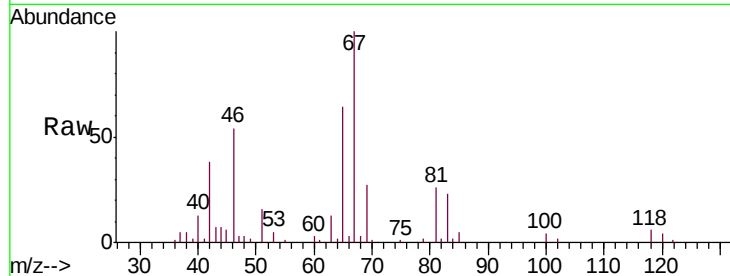




#37
 1,2-Dichloropropane
 Concen: 0.669 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032890.D
 Acq: 20 Jun 2019 10:13

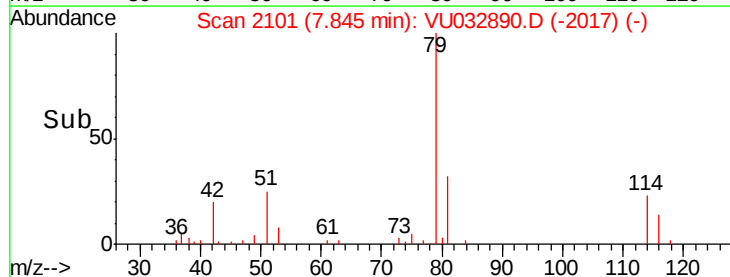
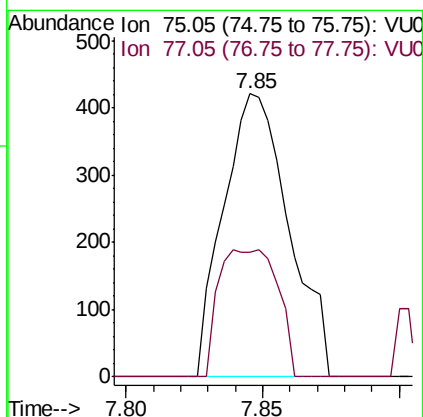
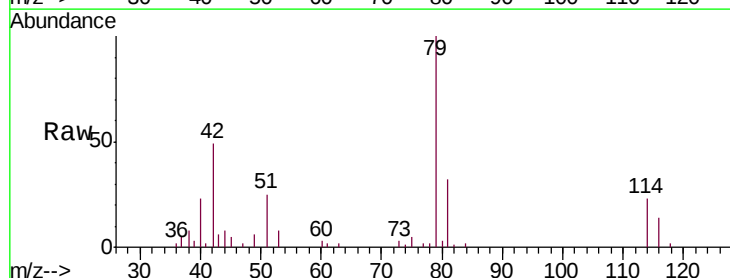
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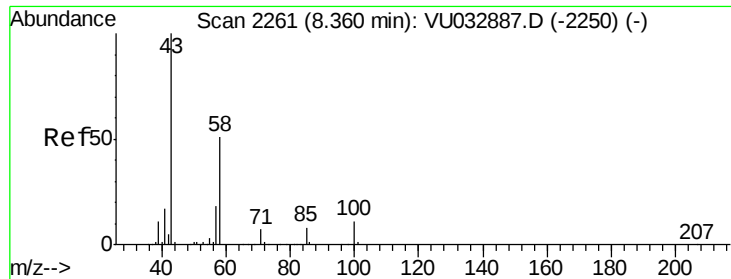
Tgt Ion: 63 Resp: 4574
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.084 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032890.D
 Acq: 20 Jun 2019 10:13

Tgt Ion: 75 Resp: 701
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.5 41.7#

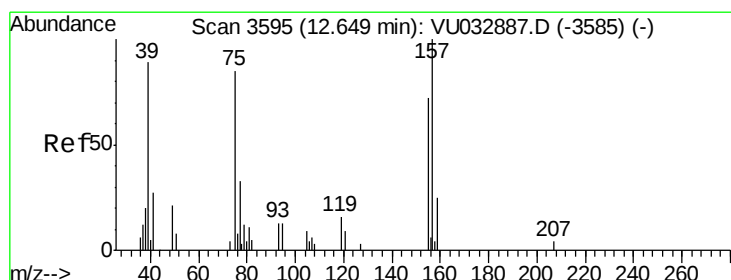
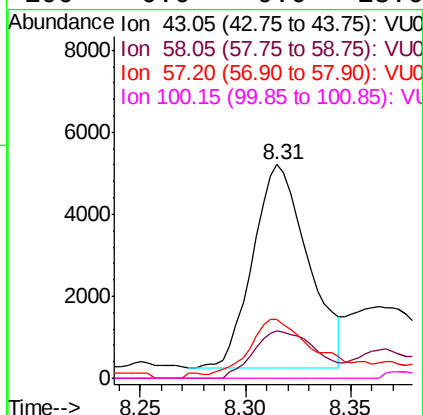
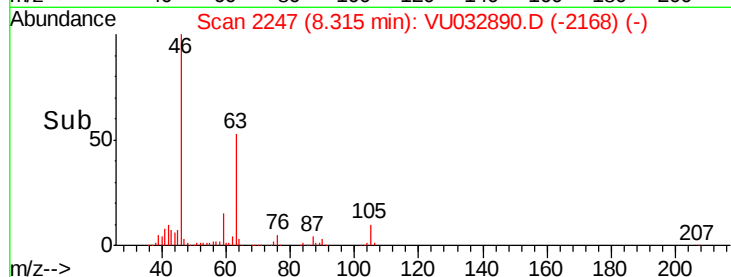
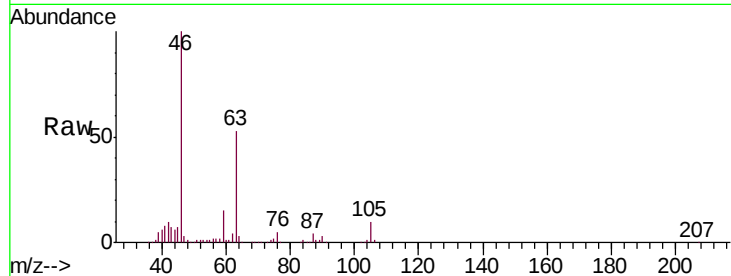




#48
 2-Hexanone
 Concen: 2.613 ug/L
 RT: 8.31 min Scan# 2247
 Delta R.T. -0.04 min
 Lab File: VU032890.D
 Acq: 20 Jun 2019 10:13

Instrument :
 MSVOA_U
 ClientSampleId :
 GALM5

Tgt Ion: 43 Resp: 9088
 Ion Ratio Lower Upper
 43 100
 58 26.8 41.9 62.9#
 57 30.9 15.1 22.7#
 100 0.0 9.0 13.6#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.259 ug/L
 RT: 12.47 min Scan# 3540
 Delta R.T. -0.18 min
 Lab File: VU032890.D
 Acq: 20 Jun 2019 10:13

Tgt Ion: 75 Resp: 274
 Ion Ratio Lower Upper
 75 100
 155 0.0 72.3 108.5#
 157 0.0 87.4 131.0#

