

Data File : VU033090.D
Acq On : 28 Jun 2019 23:08
Operator : JC/SP
Sample : K3597-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM71

Quant Time: Jun 29 01:04:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	86460	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	89274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43432	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38240	6.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	133.00%#
7) Chloroethane-d5	1.68	69	29384	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.00%
11) 1,1-Dichloroethene-d2	2.27	63	56093	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.80%
20) 2-Butanone-d5	4.19	46	93599	53.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.64	84	64801	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
26) 1,2-Dichloroethane-d4	5.30	65	36991	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.33	84	120843	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
36) 1,2-Dichloropropane-d6	6.32	67	40129	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.56	98	107466	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	7.85	79	15248	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.31	63	61904	49.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.08%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31432	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	45175	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

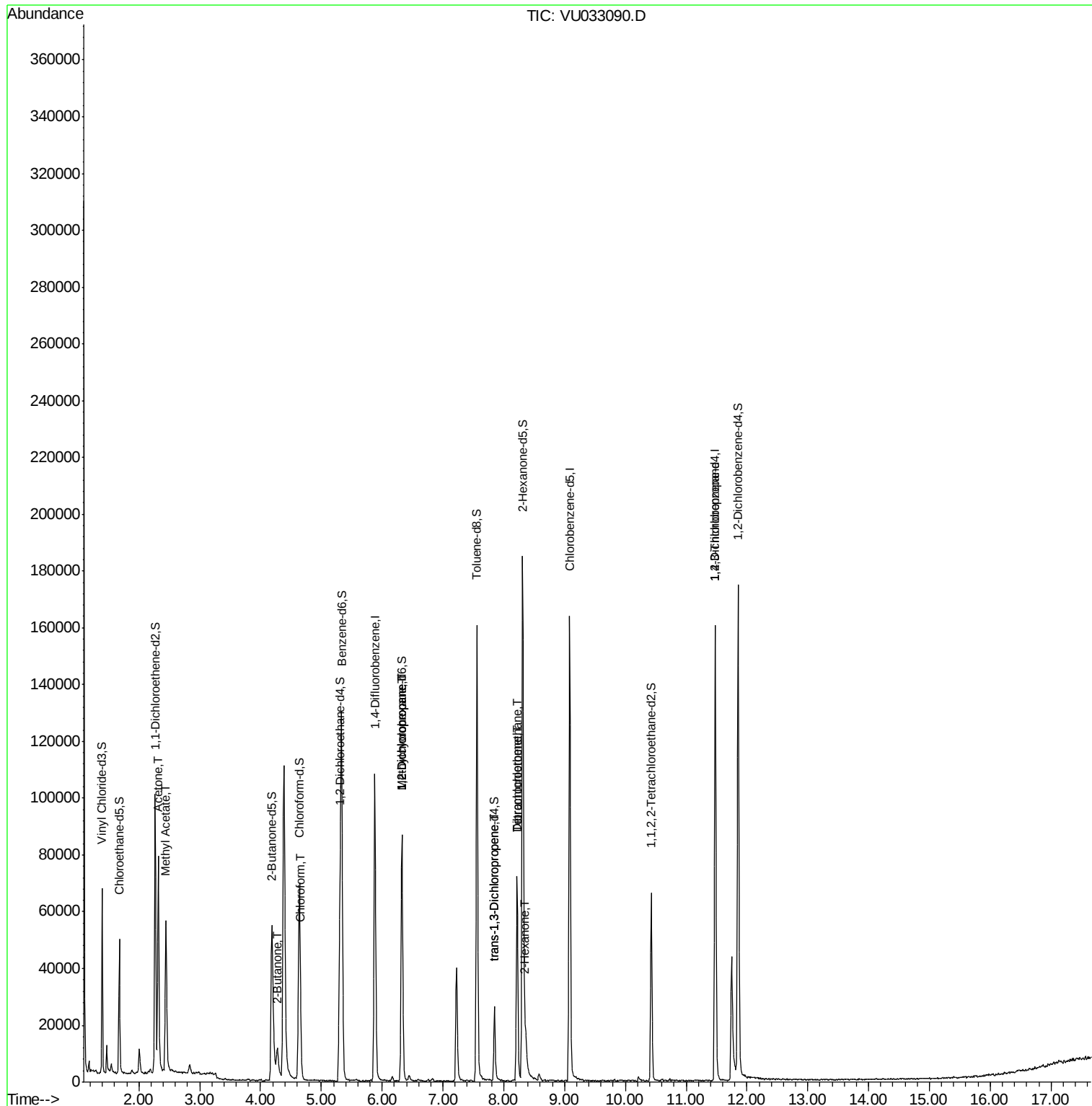
					Qvalue
13) Acetone	2.32	43	80060	54.377 ug/L	98
15) Methyl Acetate	2.45	43	14122	4.146 ug/L #	56
21) 2-Butanone	4.28	43	16030	7.735 ug/L	96
25) Chloroform	4.67	83	2258	0.179 ug/L	89
35) Methylcyclohexane	6.33	83	8945	0.834 ug/L #	16
37) 1,2-Dichloropropane	6.33	63	4441	0.629 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	674	0.080 ug/L	95
47) Tetrachloroethene	8.22	164	16183	2.791 ug/L	99
48) 2-Hexanone	8.36	43	7859	2.258 ug/L #	87
49) Dibromochloromethane	8.22	129	15551	2.476 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5454	1.155 ug/L	92

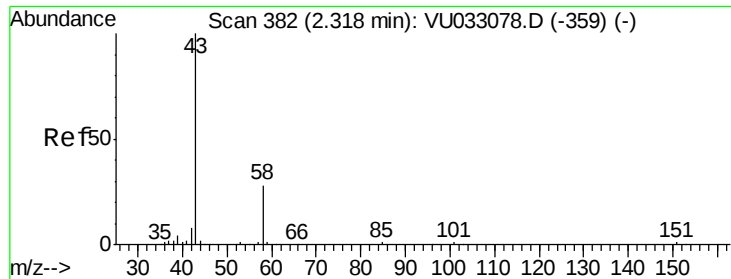
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 54.377 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 28 Jun 2019 23:08

Instrument :

MSVOA_U

ClientSampleId :

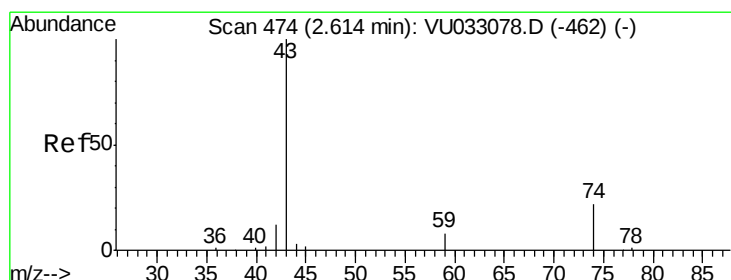
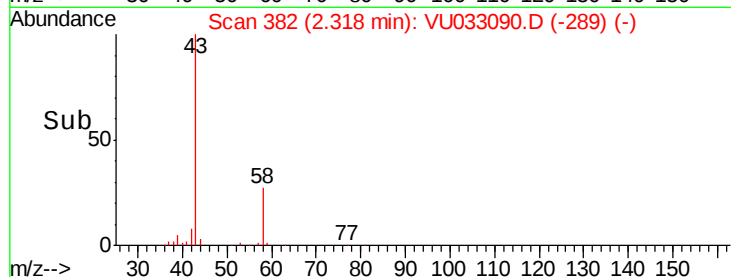
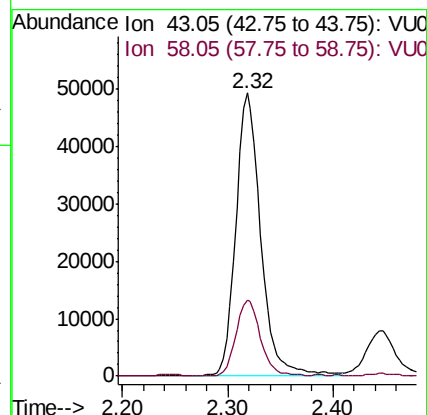
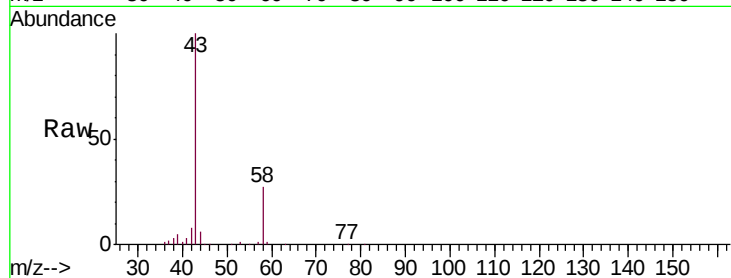
GAM71

Tgt Ion: 43 Resp: 80060

Ion Ratio Lower Upper

43 100

58 26.7 0.0 51.8



#15

Methyl Acetate

Concen: 4.146 ug/L

RT: 2.45 min Scan# 422

Delta R.T. -0.17 min

Lab File: VU033090.D

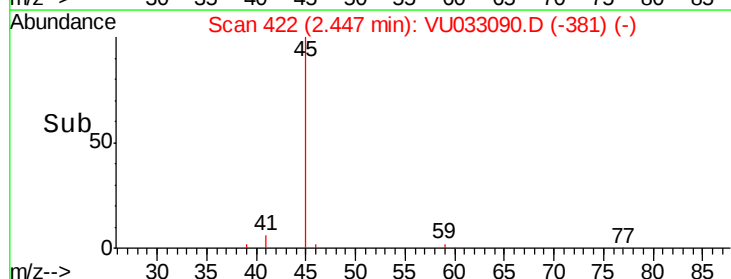
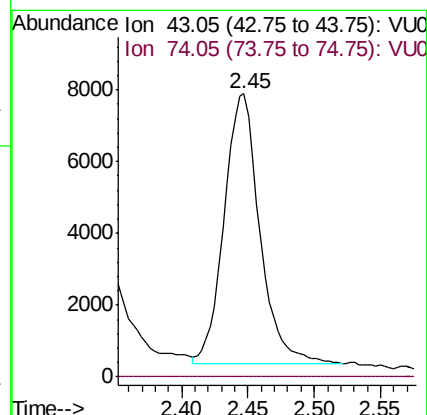
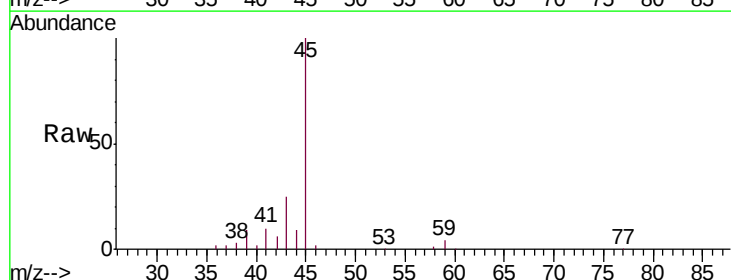
Acq: 28 Jun 2019 23:08

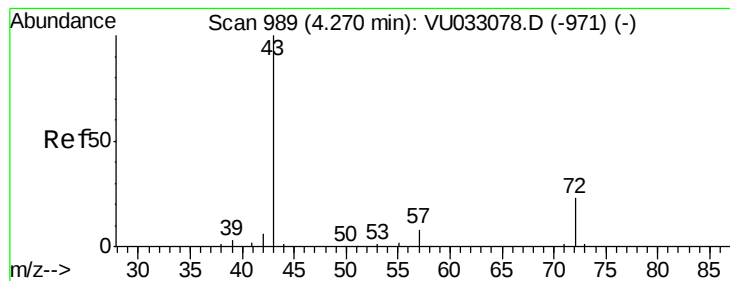
Tgt Ion: 43 Resp: 14122

Ion Ratio Lower Upper

43 100

74 0.0 16.1 24.1#





#21

2-Butanone

Concen: 7.735 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VU033090.D

Acq: 28 Jun 2019 23:08

Instrument :

MSVOA_U

ClientSampleId :

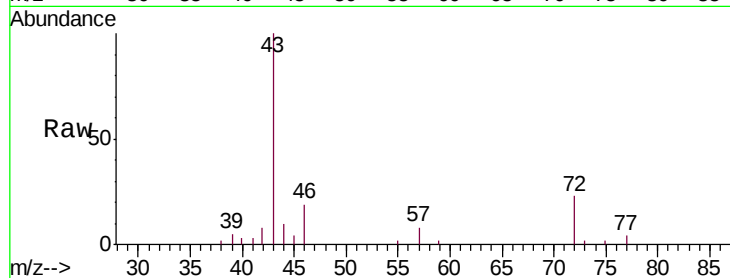
GAM71

Tgt Ion: 43 Resp: 16030

Ion Ratio Lower Upper

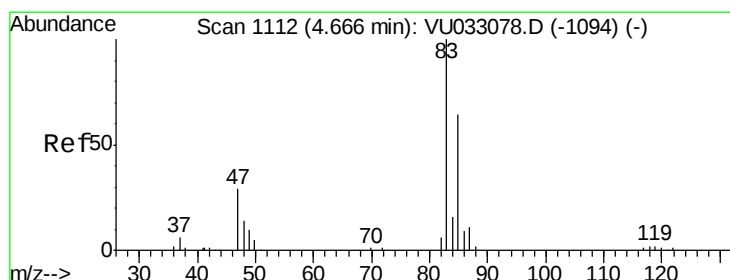
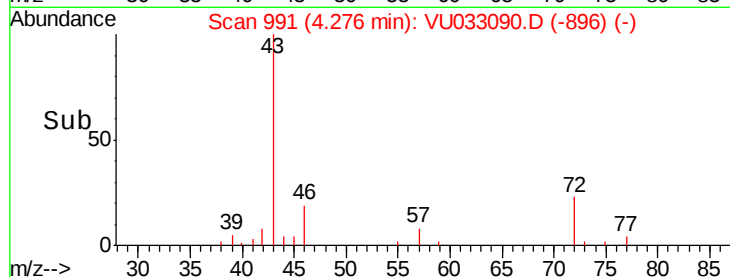
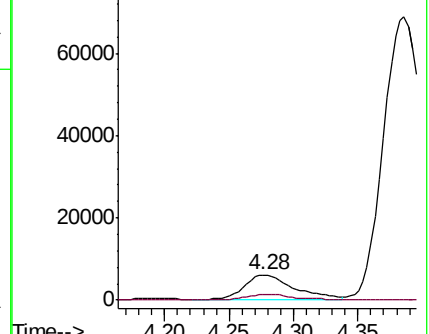
43 100

72 21.2 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033078.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU033078.D (-971) (-)



#25

Chloroform

Concen: 0.179 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU033090.D

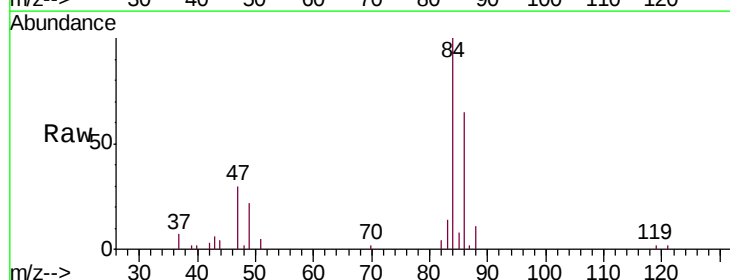
Acq: 28 Jun 2019 23:08

Tgt Ion: 83 Resp: 2258

Ion Ratio Lower Upper

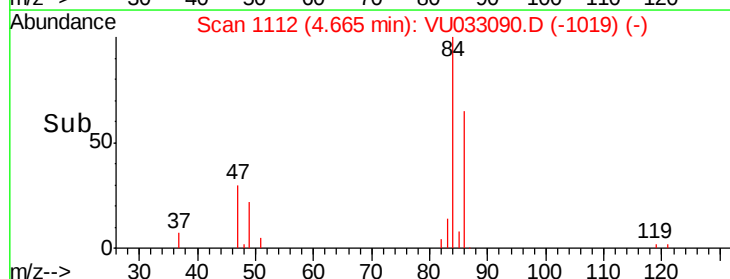
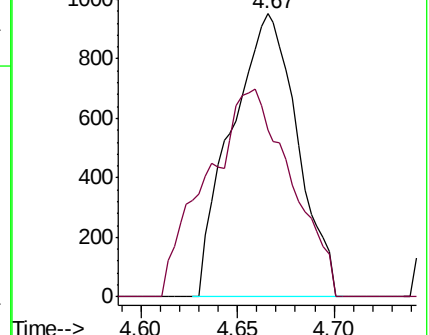
83 100

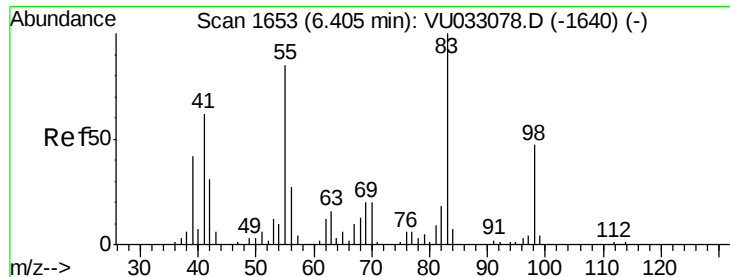
85 58.9 47.3 87.8



Abundance Ion 83.05 (82.75 to 83.75): VU033078.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU033078.D (-1094) (-)





#35

Methylcyclohexane

Concen: 0.834 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU033090.D

Acq: 28 Jun 2019 23:08

Instrument :

MSVOA_U

ClientSampleId :

GAM71

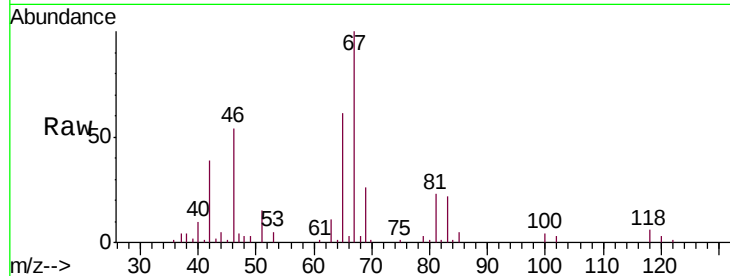
Tgt Ion: 83 Resp: 8945

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

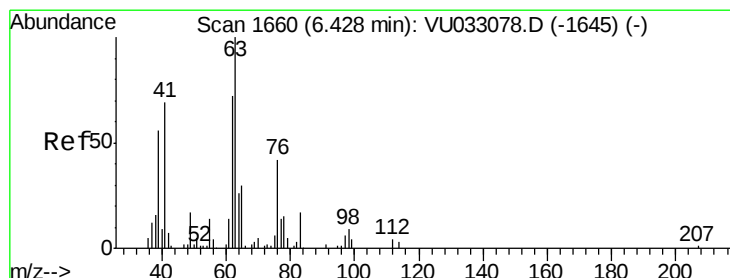
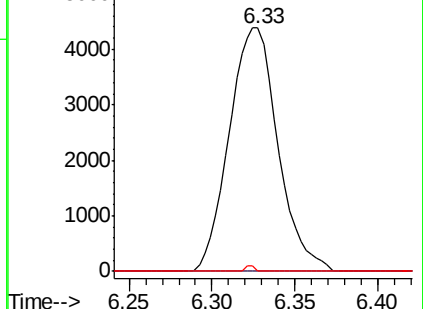
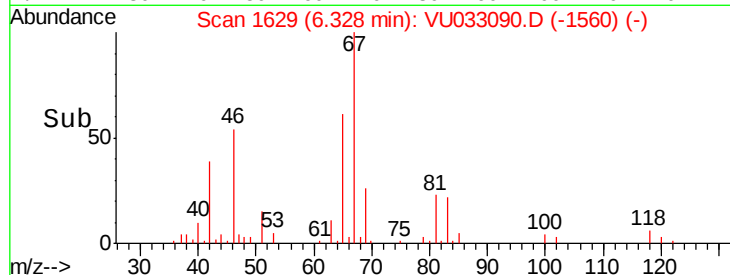
98 0.4 37.7 56.5#



Abundance Ion 83.15 (82.85 to 83.85): VU033090.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU033090.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU033090.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.10 min

Lab File: VU033090.D

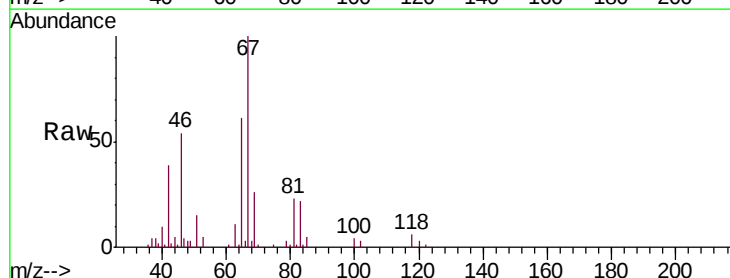
Acq: 28 Jun 2019 23:08

Tgt Ion: 63 Resp: 4441

Ion Ratio Lower Upper

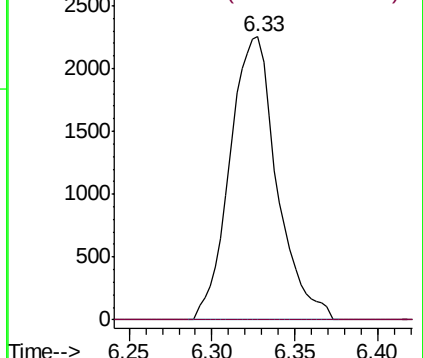
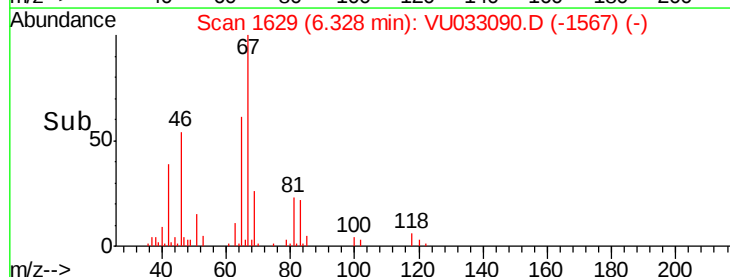
63 100

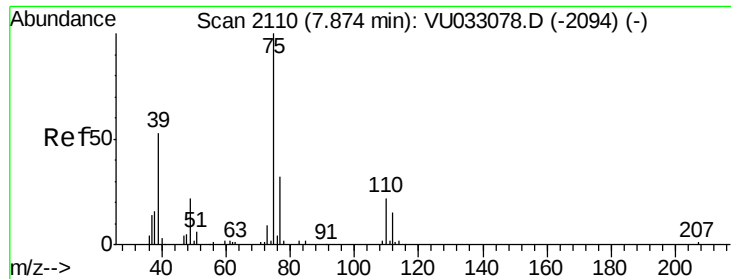
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033090.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU033090.D (-1567) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033090.D

Acq: 28 Jun 2019 23:08

Instrument :

MSVOA_U

ClientSampleId :

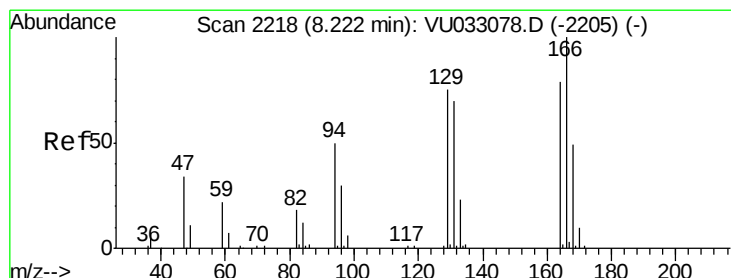
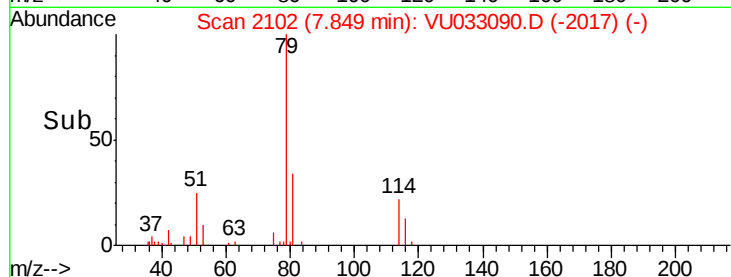
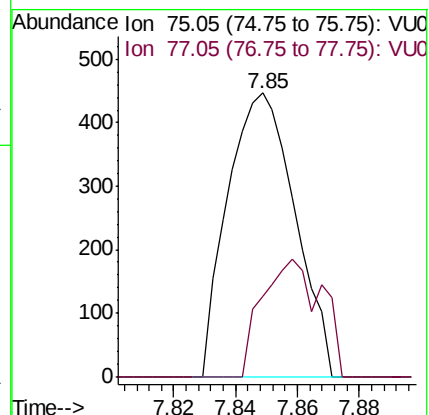
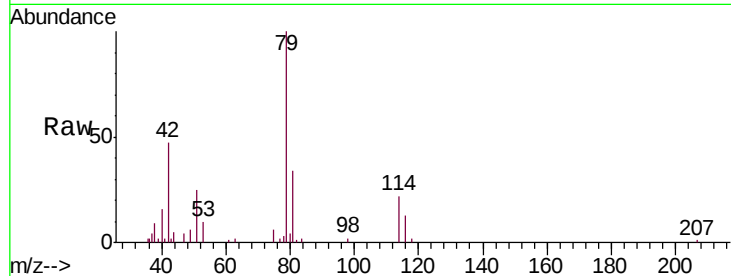
GAM71

Tgt Ion: 75 Resp: 674

Ion Ratio Lower Upper

75 100

77 28.4 21.6 40.2



#47

Tetrachloroethene

Concen: 2.791 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU033090.D

Acq: 28 Jun 2019 23:08

Tgt Ion: 164 Resp: 16183

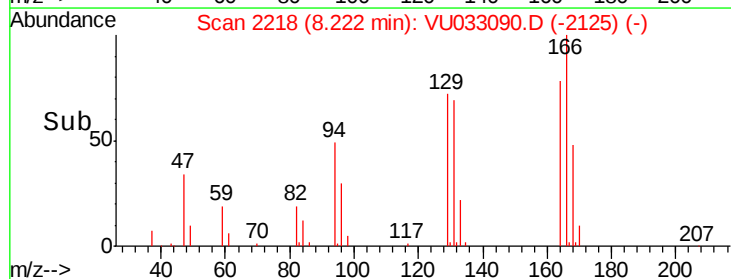
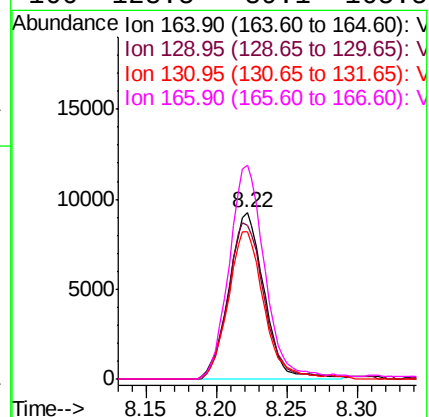
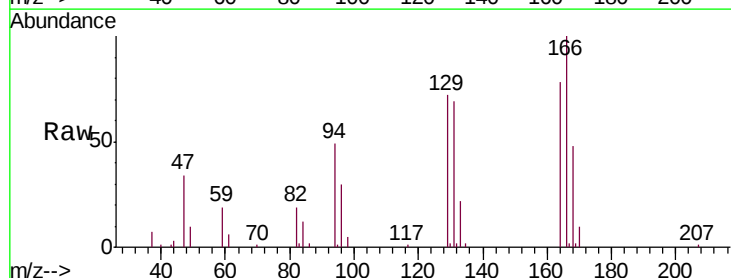
Ion Ratio Lower Upper

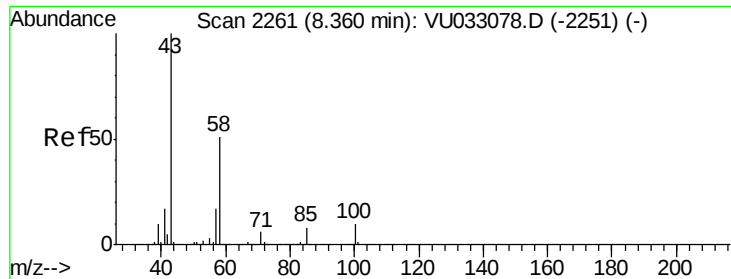
164 100

129 92.1 64.9 120.5

131 88.4 63.5 117.9

166 128.5 89.1 165.5

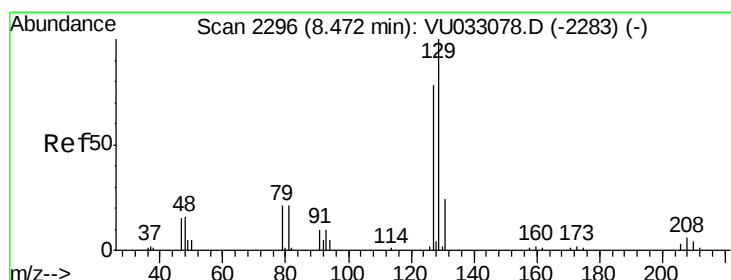
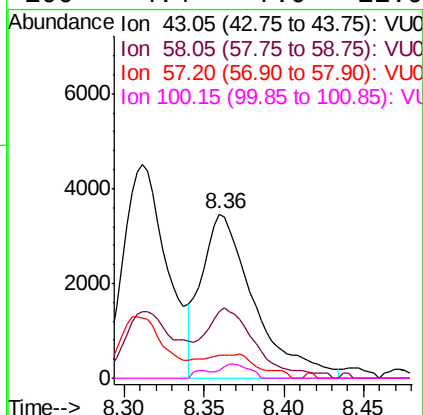
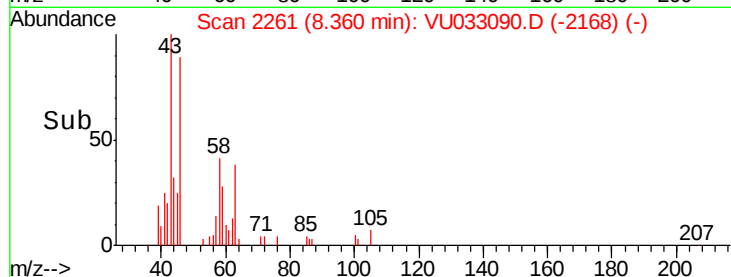
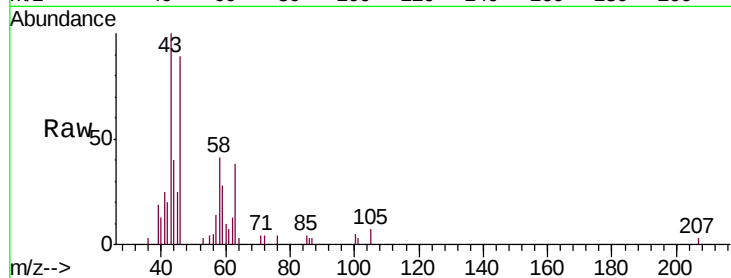




#48
2-Hexanone
Concen: 2.258 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU033090.D
Acq: 28 Jun 2019 23:08

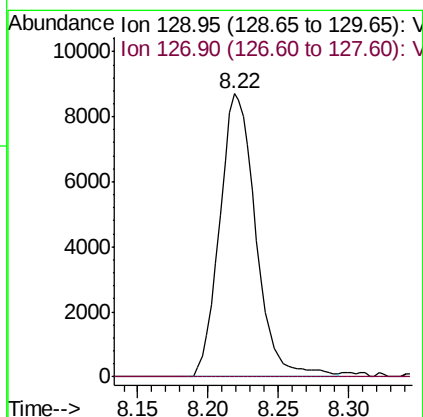
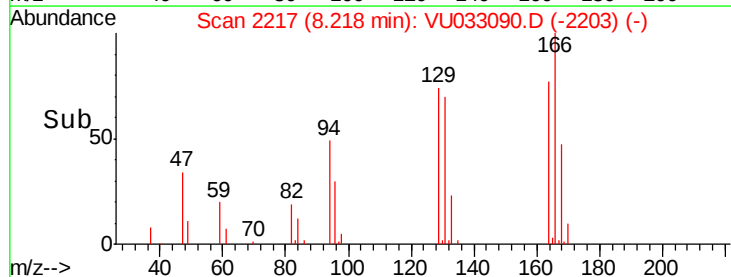
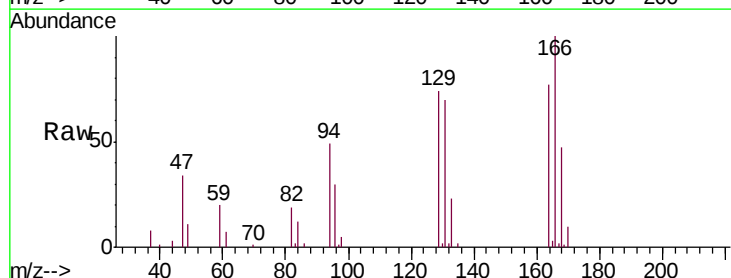
Instrument :
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ClientSampleId :
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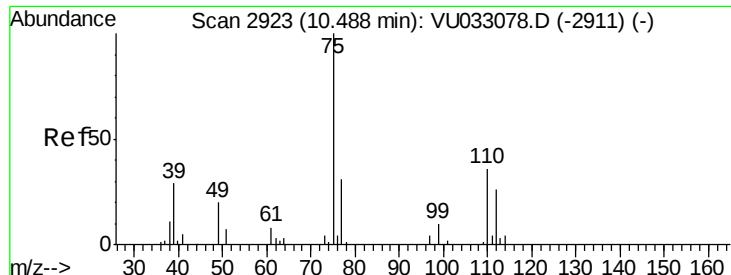
Tgt Ion: 43 Resp: 7859
Ion Ratio Lower Upper
43 100
58 40.9 40.0 60.0
57 13.2 14.0 21.0#
100 4.4 7.9 11.9#



#49
Dibromochloromethane
Concen: 2.476 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033090.D
Acq: 28 Jun 2019 23:08

Tgt Ion: 129 Resp: 15551
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#59

1,2,3-Trichloropropane

Concen: 1.155 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033090.D

Acq: 28 Jun 2019 23:08

Instrument :

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ClientSampleId :

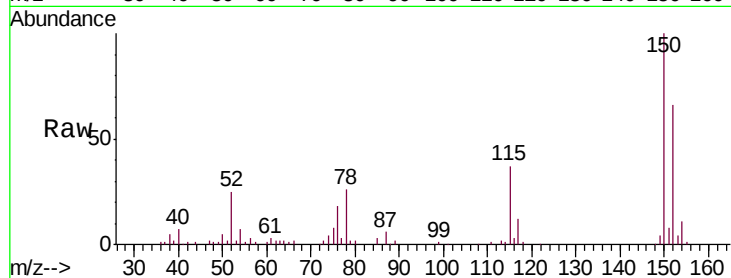
GAM71

Tgt Ion: 75 Resp: 5454

Ion Ratio Lower Upper

75 100

77 36.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

