

Data File : VU033149.D
Acq On : 02 Jul 2019 18:35
Operator : JC/SP
Sample : K3597-09DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM66DL

Quant Time: Jul 03 02:19:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	83141	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44183	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	33021	6.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	137.20%#
7) Chloroethane-d5	1.64	69	30113	6.84	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	136.80%#
11) 1,1-Dichloroethene-d2	2.26	63	51370	4.53	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	4.19	46	99934	57.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.08%
24) Chloroform-d	4.64	84	62984	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
26) 1,2-Dichloroethane-d4	5.30	65	36605	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.33	84	117976	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.32	67	38515	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.56	98	103483	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	14726	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.31	63	67160	53.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	33852	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	45229	5.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.80%

Target Compounds

					Qvalue
13) Acetone	2.32	43	3787	2.689 ug/L	85
15) Methyl Acetate	2.61	43	445	0.133 ug/L #	55
25) Chloroform	4.66	83	2355	0.177 ug/L	93
35) Methylcyclohexane	6.32	83	8949	0.846 ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4562	0.636 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	733	0.087 ug/L	97
47) Tetrachloroethene	8.22	164	43738	7.406 ug/L	95
48) 2-Hexanone	8.36	43	8470	2.346 ug/L #	94
49) Dibromochloromethane	8.22	129	40168	6.387 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5799	1.189 ug/L	91

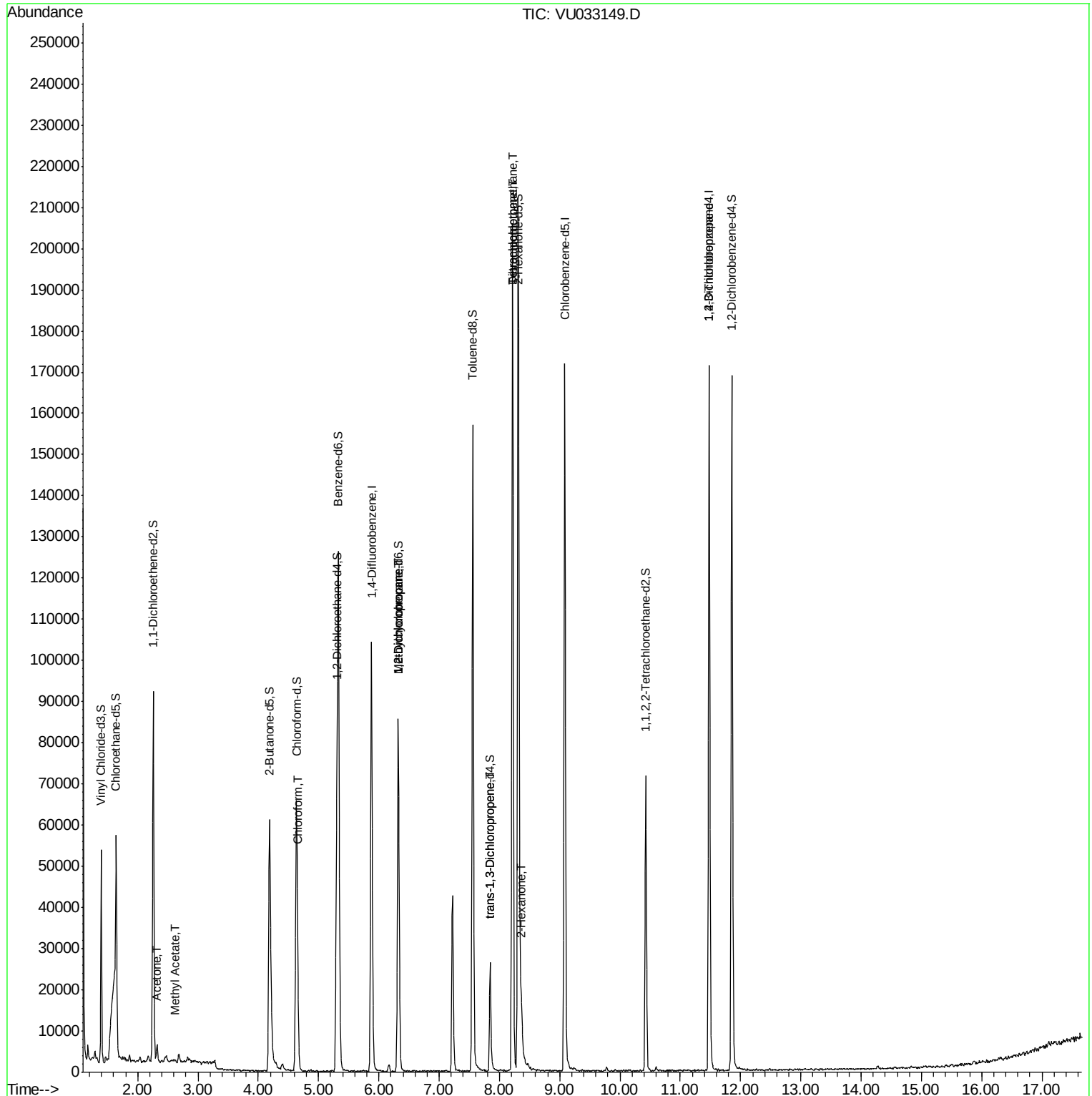
(#) = qualifier out of range (m) = manual integration (+) = signals summed

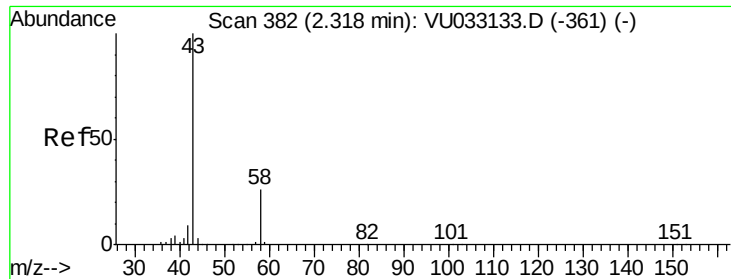
Data File : VU033149.D

```
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ClientSampleId :
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 03 02:14:33 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.689 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033149.D

Acq: 02 Jul 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

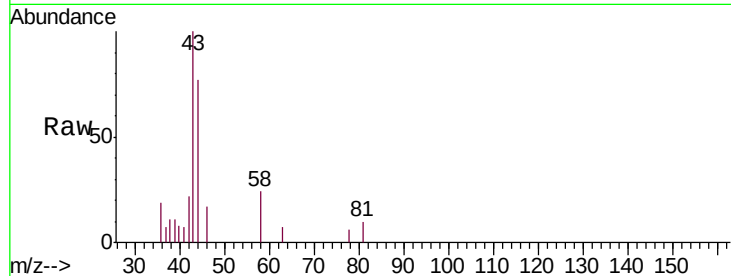
GAM66DL

Tgt Ion: 43 Resp: 3787

Ion Ratio Lower Upper

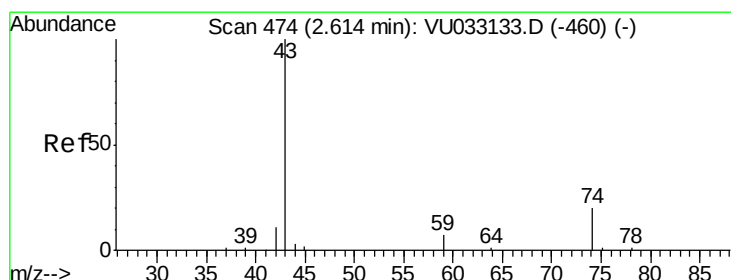
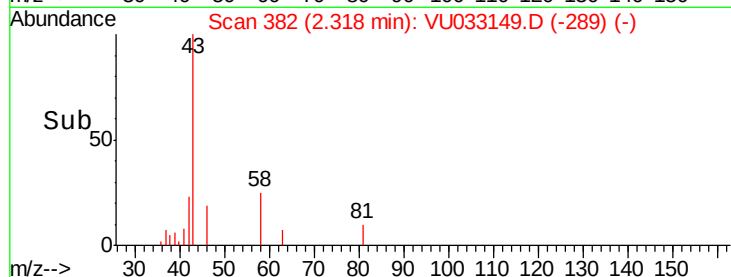
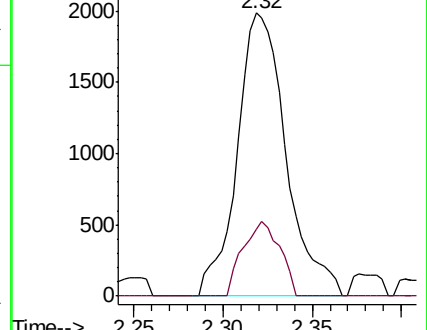
43 100

58 20.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033133.D (-361) (-)

Ion 58.05 (57.75 to 58.75): VU033133.D (-361) (-)



#15

Methyl Acetate

Concen: 0.133 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.00 min

Lab File: VU033149.D

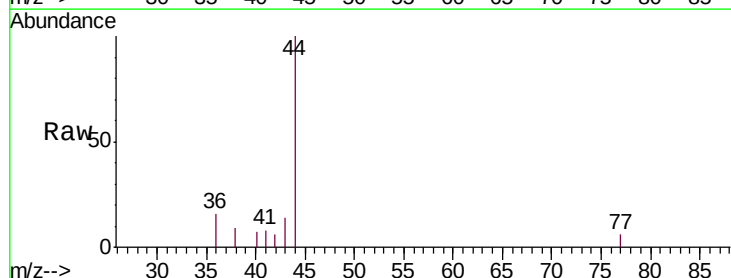
Acq: 02 Jul 2019 18:35

Tgt Ion: 43 Resp: 445

Ion Ratio Lower Upper

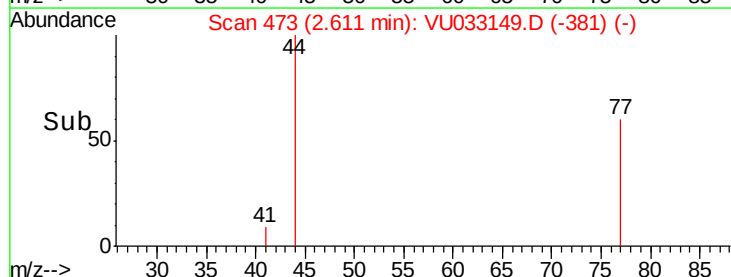
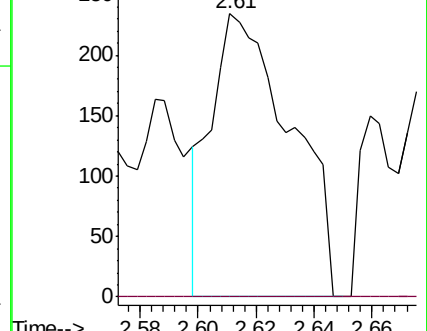
43 100

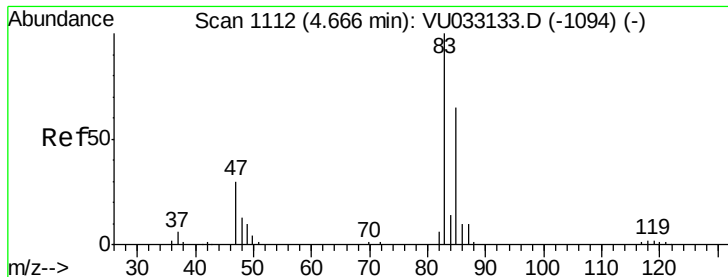
74 0.0 16.8 25.2#



Abundance Ion 43.05 (42.75 to 43.75): VU033133.D (-460) (-)

Ion 74.05 (73.75 to 74.75): VU033133.D (-460) (-)

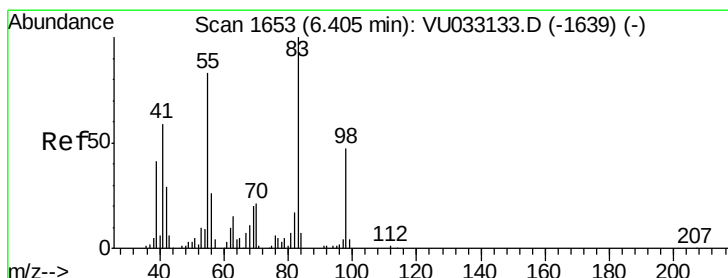
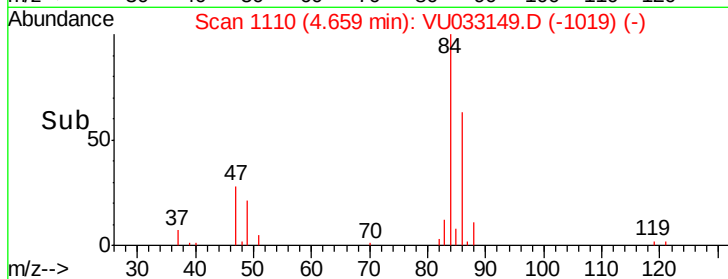
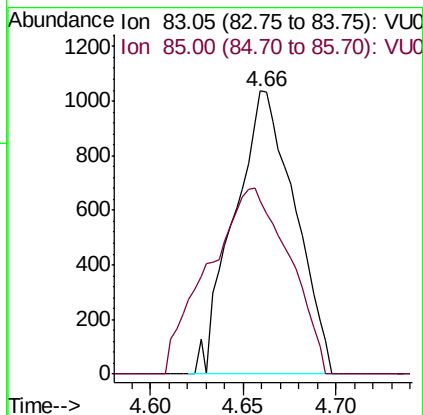
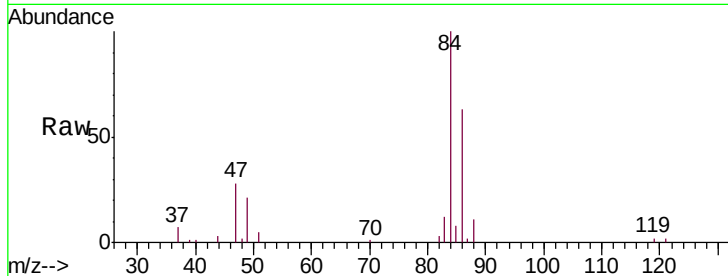




#25
Chloroform
Concen: 0.177 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VU033149.D
Acq: 02 Jul 2019 18:35

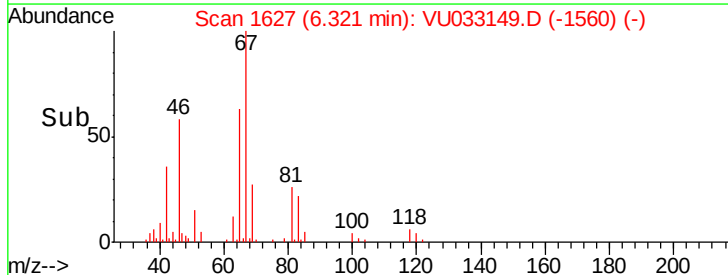
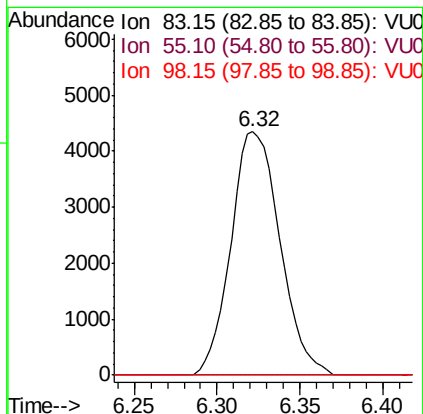
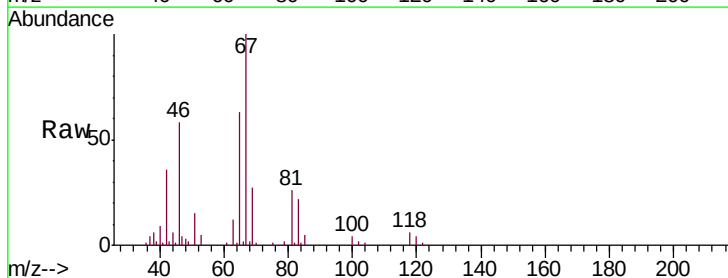
Instrument :
MSVOA_U
ClientSampled :
GAM66DL

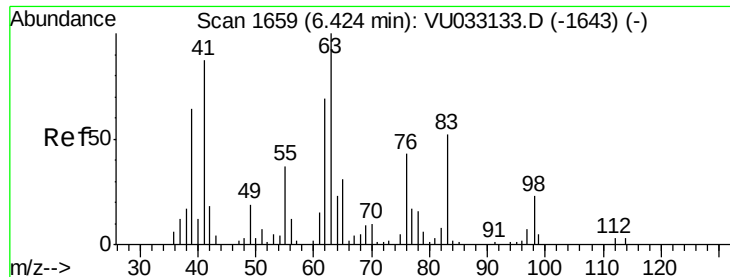
Tgt Ion: 83 Resp: 2355
Ion Ratio Lower Upper
83 100
85 61.3 46.6 86.6



#35
Methylcyclohexane
Concen: 0.846 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.08 min
Lab File: VU033149.D
Acq: 02 Jul 2019 18:35

Tgt Ion: 83 Resp: 8949
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 1.4 37.1 55.7#

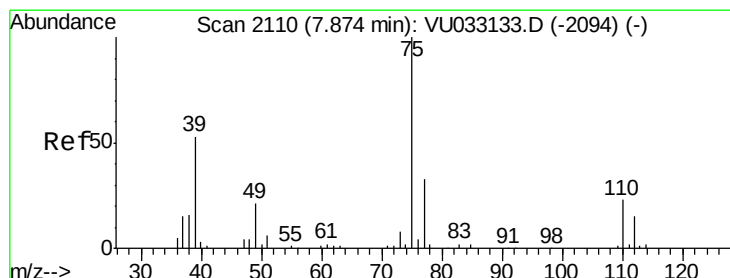
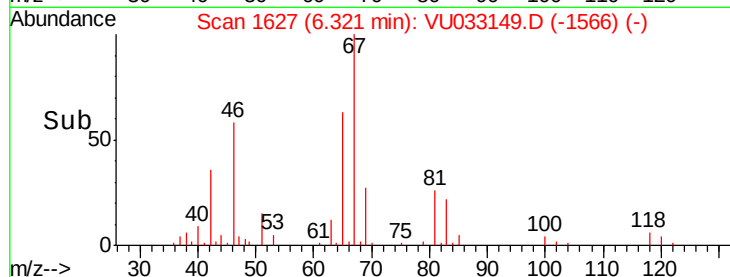
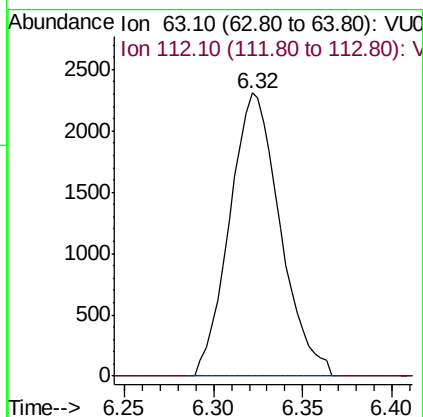
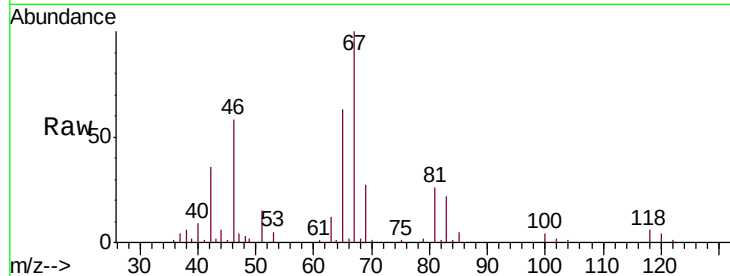




#37
 1,2-Dichloropropane
 Concen: 0.636 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033149.D
 Acq: 02 Jul 2019 18:35

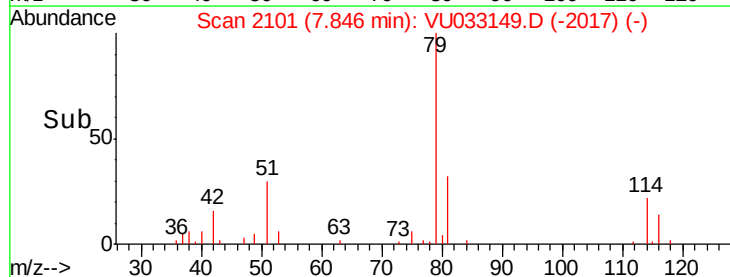
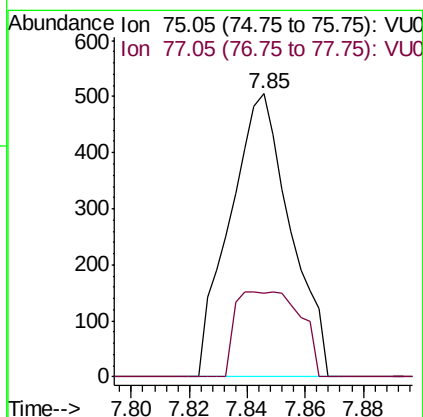
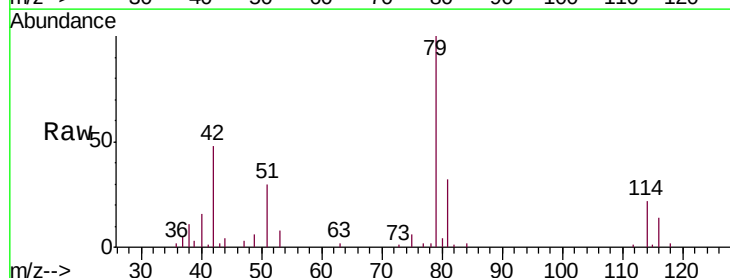
Instrument :
 MSVOA_U
 ClientSampleID :
 GAM66DL

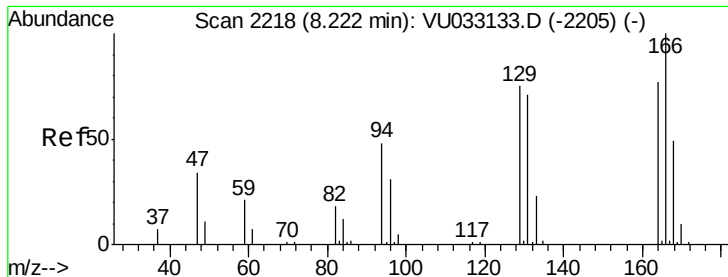
Tgt Ion: 63 Resp: 4562
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU033149.D
 Acq: 02 Jul 2019 18:35

Tgt Ion: 75 Resp: 733
 Ion Ratio Lower Upper
 75 100
 77 29.5 21.6 40.2





#47

Tetrachloroethene

Concen: 7.406 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033149.D

Acq: 02 Jul 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

GAM66DL

Tgt Ion:164 Resp: 43738

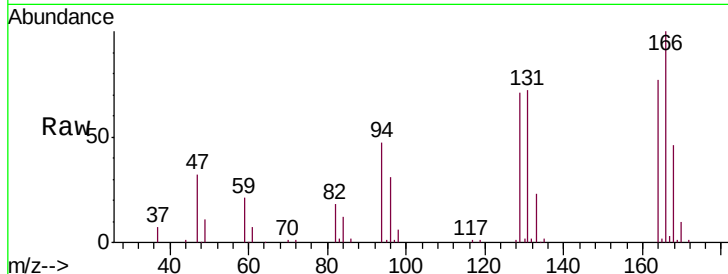
Ion Ratio Lower Upper

164 100

129 92.3 65.3 121.3

131 94.7 60.3 112.1

166 130.7 86.9 161.3

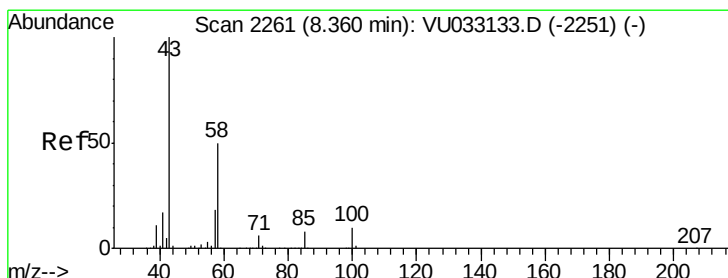
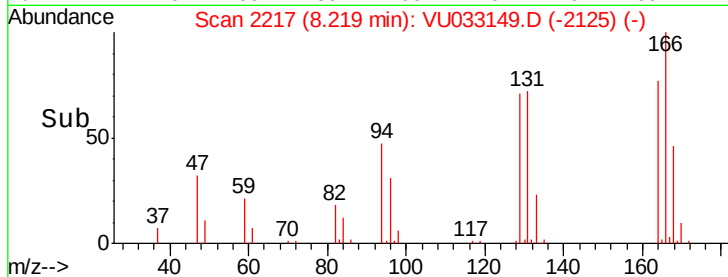
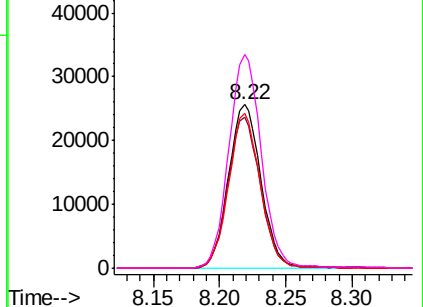


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 2.346 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033149.D

Acq: 02 Jul 2019 18:35

Tgt Ion: 43 Resp: 8470

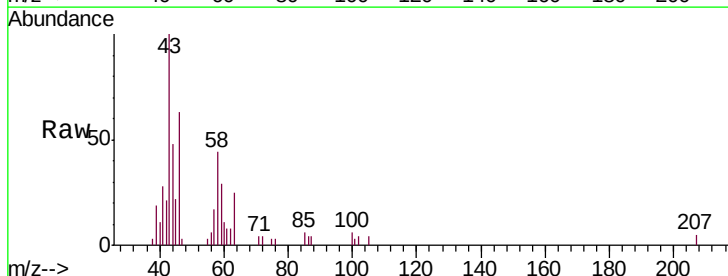
Ion Ratio Lower Upper

43 100

58 44.8 39.0 58.6

57 17.7 13.9 20.9

100 4.8 8.6 12.8#

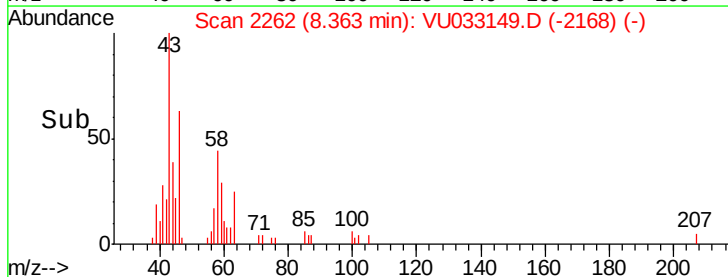
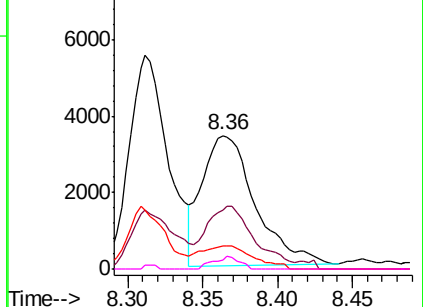


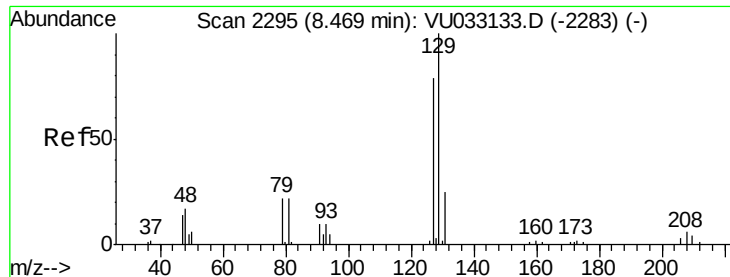
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 6.387 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033149.D

Acq: 02 Jul 2019 18:35

Instrument :

MSVOA_U

ClientSampleId :

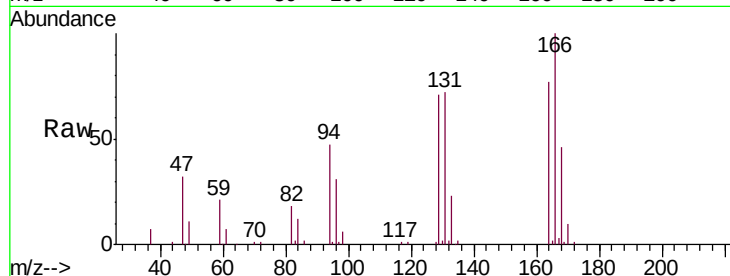
GAM66DL

Tgt Ion:129 Resp: 40168

Ion Ratio Lower Upper

129 100

127 0.0 51.6 95.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

25000

20000

15000

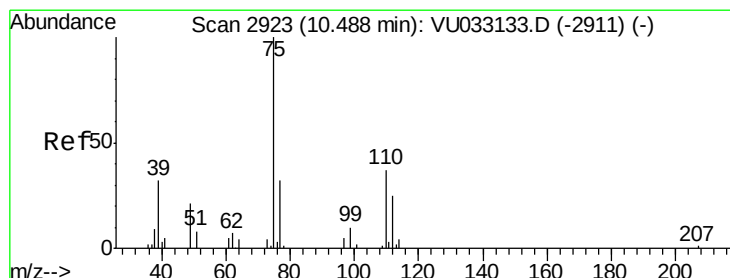
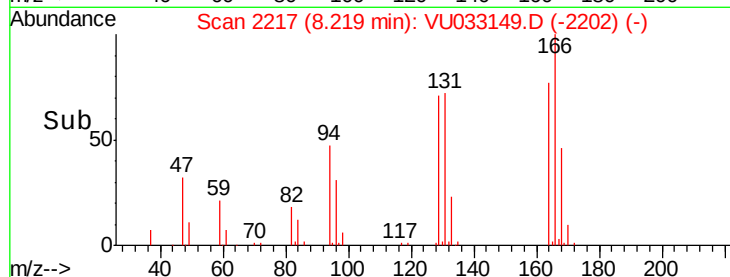
10000

5000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.189 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033149.D

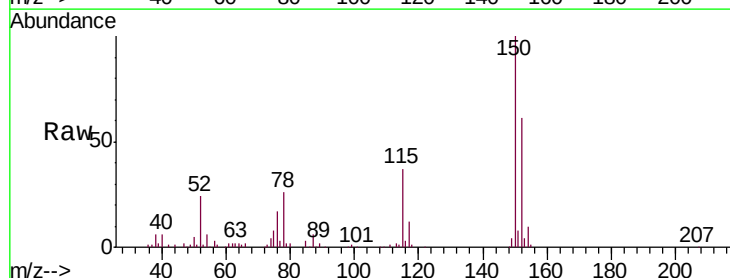
Acq: 02 Jul 2019 18:35

Tgt Ion: 75 Resp: 5799

Ion Ratio Lower Upper

75 100

77 37.2 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

4000

3000

2000

1000

0

Time-->

11.45 11.50

