

Data File : VU033156.D
Acq On : 02 Jul 2019 21:24
Operator : JC/SP
Sample : K3597-19DL 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM76DL

Quant Time: Jul 03 02:20:34 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	84840	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	88155	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	40244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34656	7.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	141.20%#
7) Chloroethane-d5	1.68	69	27994	6.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.60%
11) 1,1-Dichloroethene-d2	2.27	63	53210	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	96473	53.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.92%
24) Chloroform-d	4.64	84	63079	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.31	65	37397	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
32) Benzene-d6	5.33	84	118141	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.32	67	38759	5.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.20%
41) Toluene-d8	7.56	98	101072	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.85	79	14843	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.31	63	59230	47.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31880	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	40828	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

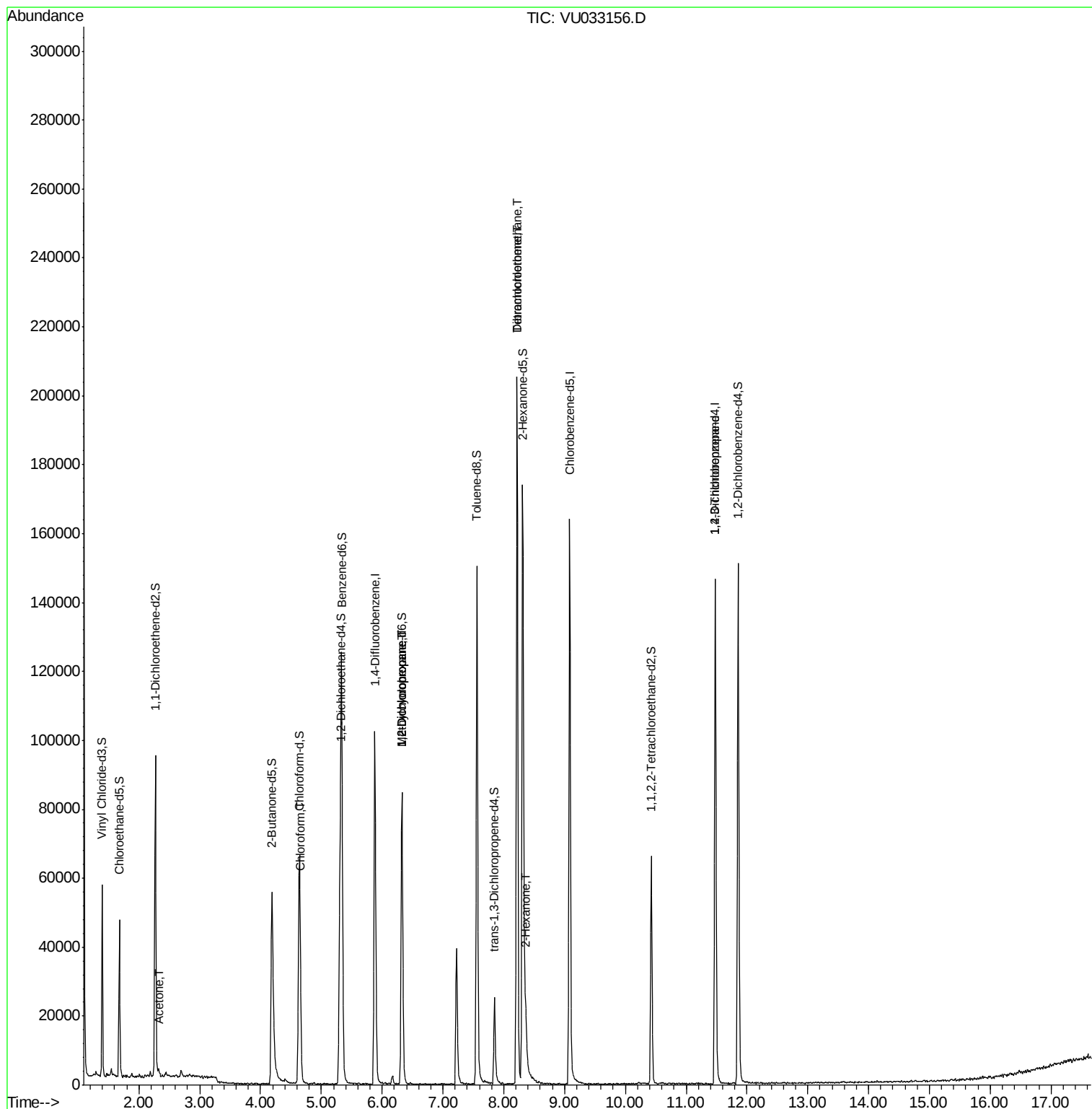
						Qvalue
13) Acetone	2.32	43	1812	1.261	ug/L	77
25) Chloroform	4.66	83	2133	0.157	ug/L	99
35) Methylcyclohexane	6.32	83	9022	0.856	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4414	0.618	ug/L #	88
47) Tetrachloroethene	8.22	164	44501	7.559	ug/L	98
48) 2-Hexanone	8.36	43	8242	2.290	ug/L #	90
49) Dibromochloromethane	8.22	129	41130	6.561	ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5299	1.090	ug/L	94

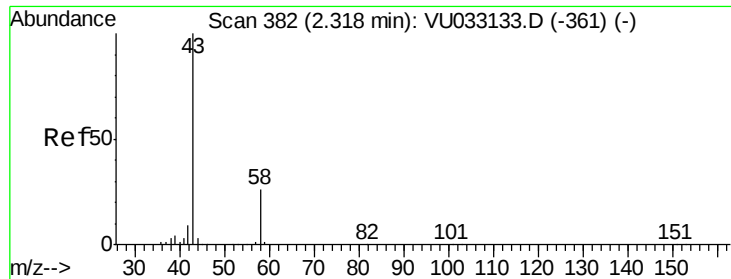
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.261 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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Acq: 02 Jul 2019 21:24

Instrument :

MSVOA_U

ClientSampleId :

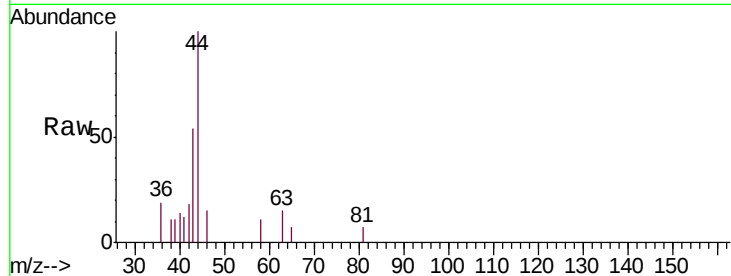
GAM76DL

Tgt Ion: 43 Resp: 1812

Ion Ratio Lower Upper

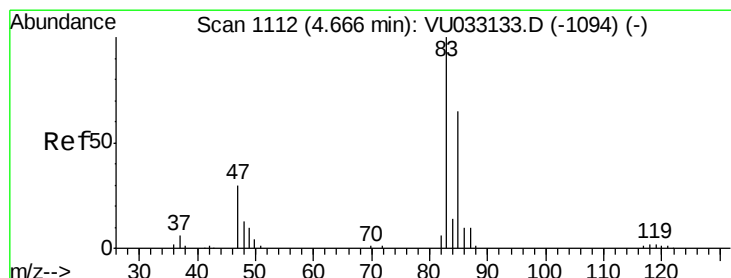
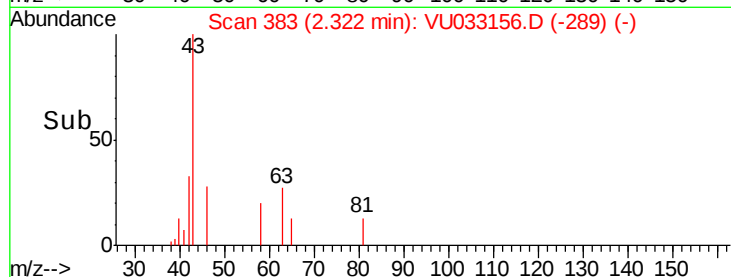
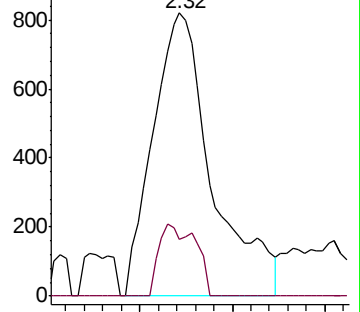
43 100

58 15.7 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) (-)



#25

Chloroform

Concen: 0.157 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VU033156.D

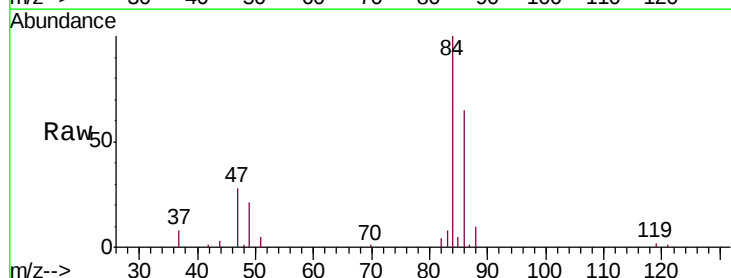
Acq: 02 Jul 2019 21:24

Tgt Ion: 83 Resp: 2133

Ion Ratio Lower Upper

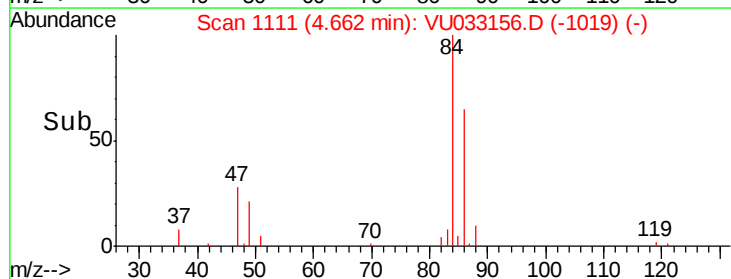
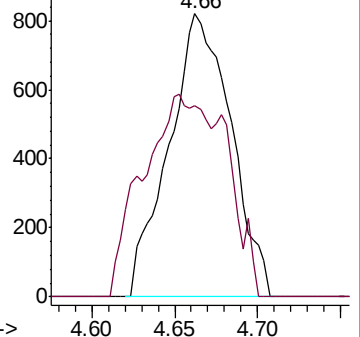
83 100

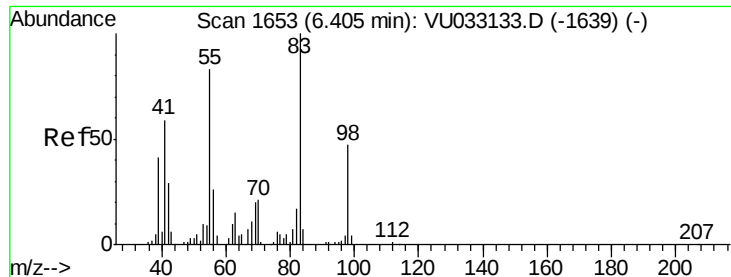
85 67.4 46.6 86.6



Abundance Ion 83.05 (82.75 to 83.75): VU033133.D (-1094) (-)

Ion 85.00 (84.70 to 85.70): VU033133.D (-1094) (-)

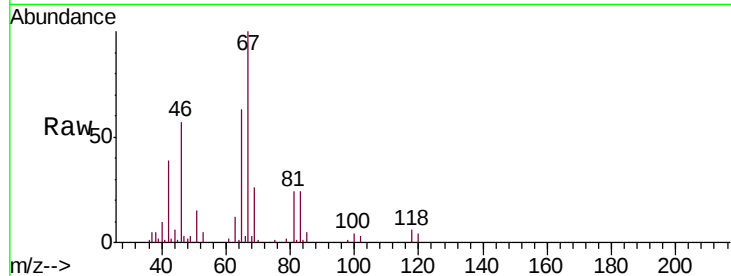




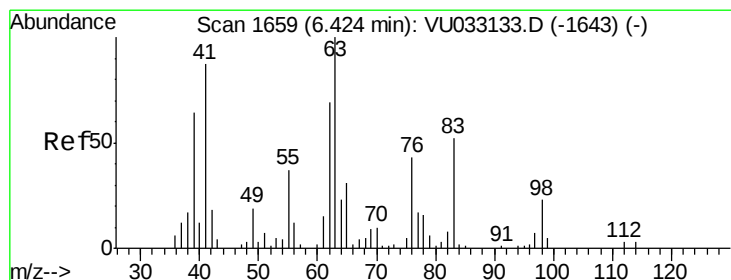
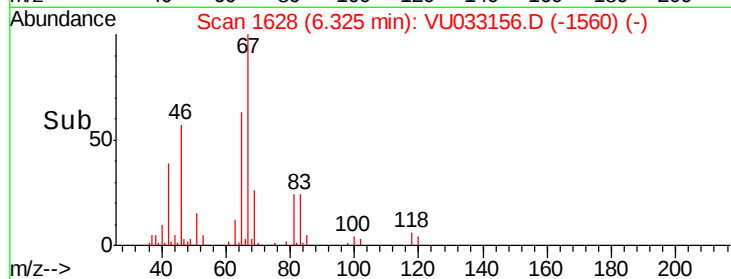
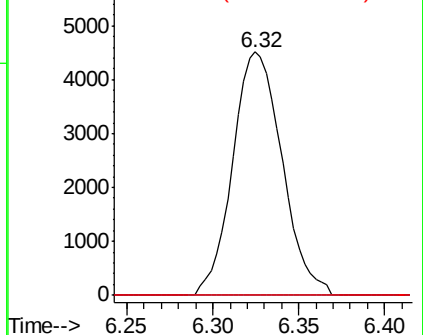
#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU033156.D
Acq: 02 Jul 2019 21:24

Instrument :
MSVOA_U
ClientSampleId :
GAM76DL

Tgt Ion: 83 Resp: 9022
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 2.9 37.1 55.7#

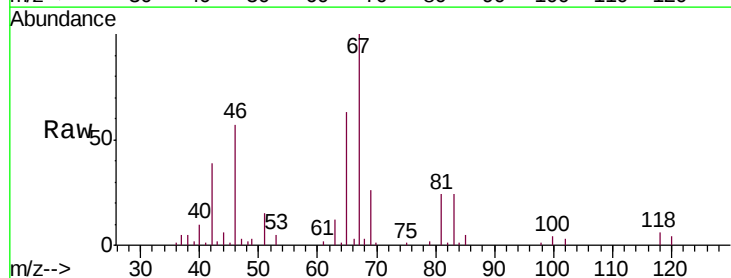


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

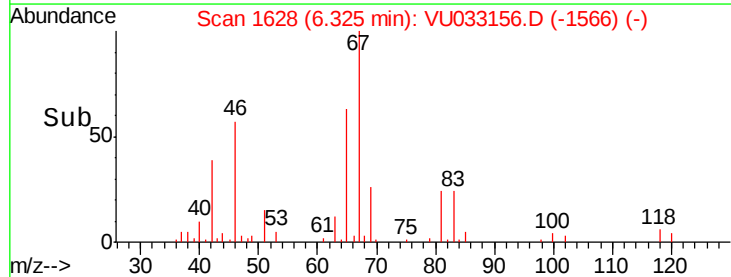
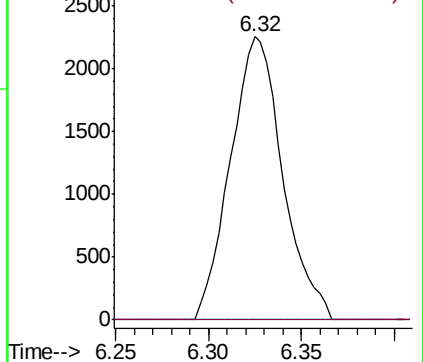


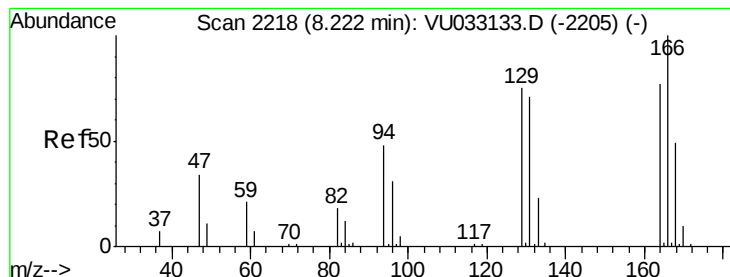
#37
1,2-Dichloropropane
Concen: 0.618 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU033156.D
Acq: 02 Jul 2019 21:24

Tgt Ion: 63 Resp: 4414
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#



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





#47

Tetrachloroethene

Concen: 7.559 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033156.D

Acq: 02 Jul 2019 21:24

Instrument :

MSVOA_U

ClientSampleId :

GAM76DL

Tgt Ion:164 Resp: 44501

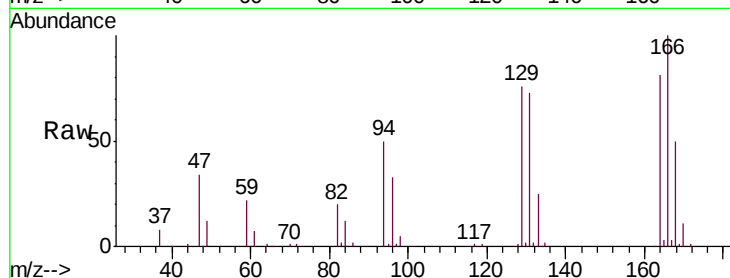
Ion Ratio Lower Upper

164 100

129 93.8 65.3 121.3

131 90.2 60.3 112.1

166 122.8 86.9 161.3

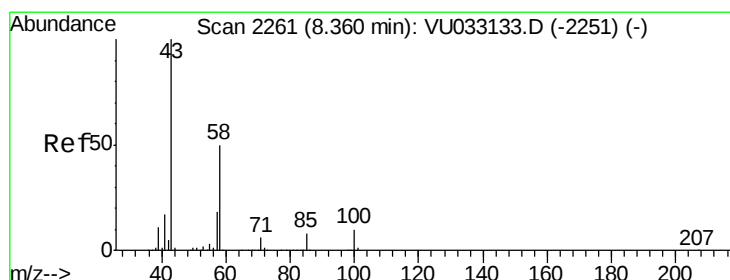
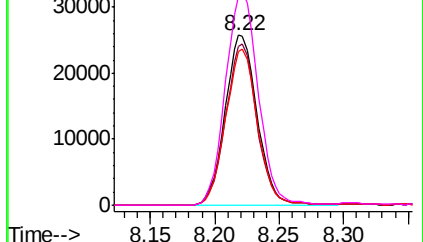
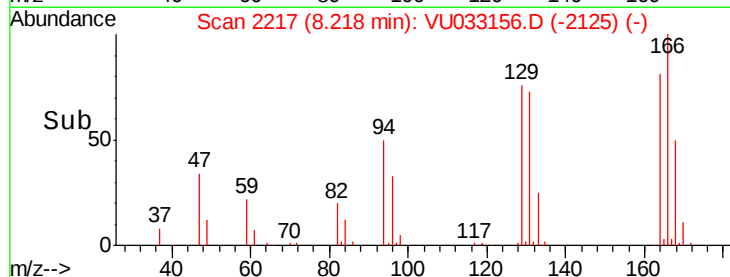


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.290 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VU033156.D

Acq: 02 Jul 2019 21:24

Tgt Ion: 43 Resp: 8242

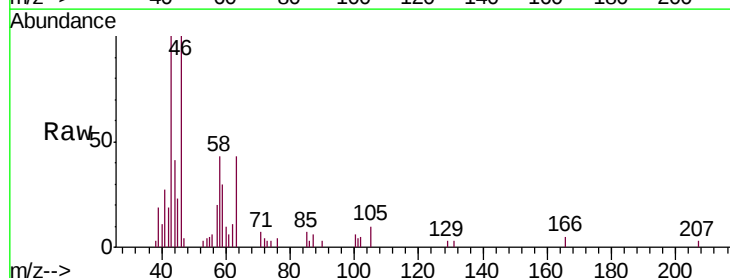
Ion Ratio Lower Upper

43 100

58 43.6 39.0 58.6

57 12.3 13.9 20.9#

100 4.9 8.6 12.8#

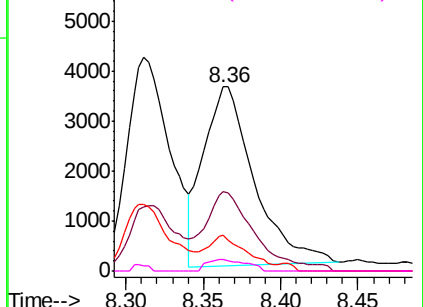
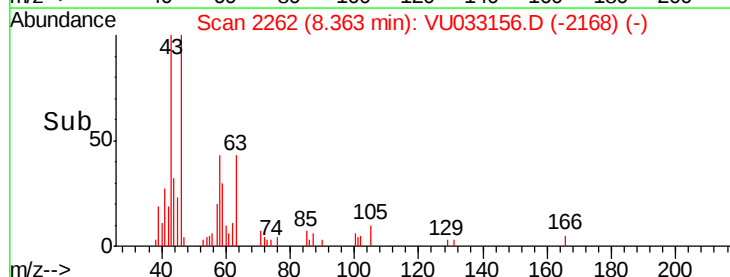


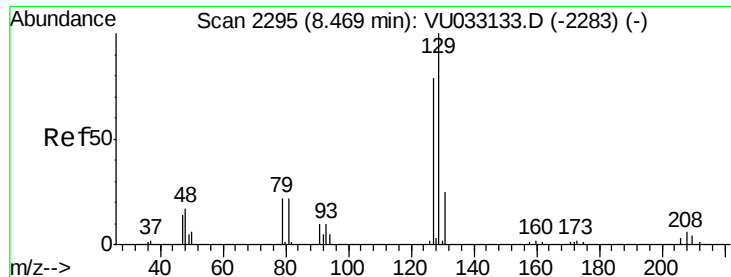
Abundance Ion 43.05 (42.75 to 43.75): VU0

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: 6.561 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU033156.D

Acq: 02 Jul 2019 21:24

Instrument :

MSVOA_U

ClientSampleId :

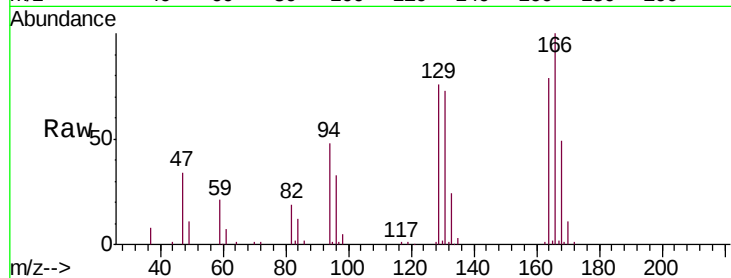
GAM76DL

Tgt Ion:129 Resp: 41130

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

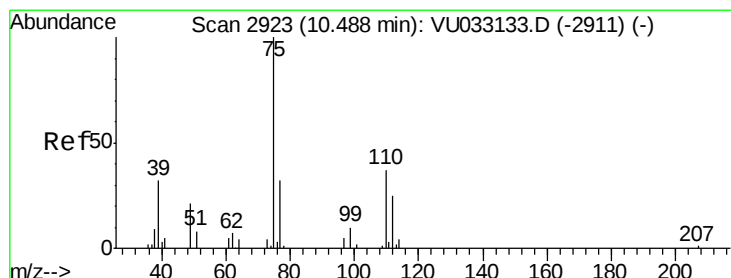
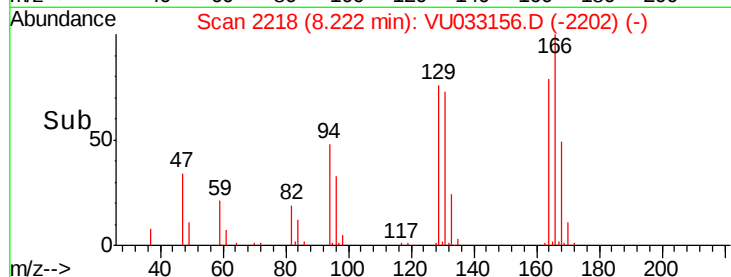
15000

10000

5000

0

Time--> 8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.090 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033156.D

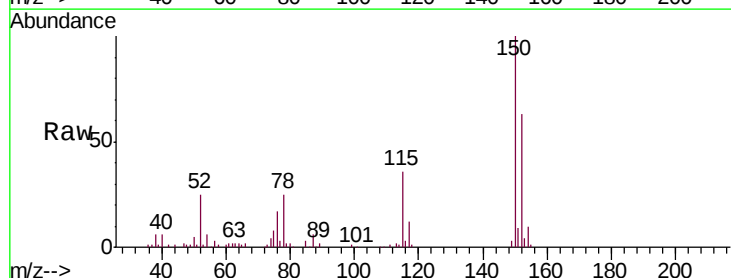
Acq: 02 Jul 2019 21:24

Tgt Ion: 75 Resp: 5299

Ion Ratio Lower Upper

75 100

77 35.6 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

3000

2000

1000

0

Time--> 11.45 11.50 11.55

