

Data File : VU033154.D
Acq On : 02 Jul 2019 20:35
Operator : JC/SP
Sample : K3597-21DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM78DL

Quant Time: Jul 03 02:20:18 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	83737	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	31896	6.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	131.60%#
7) Chloroethane-d5	1.68	69	27027	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.27	63	49472	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	4.19	46	92356	52.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.68%
24) Chloroform-d	4.64	84	60507	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.31	65	35063	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.33	84	109777	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.32	67	35887	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	92343	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	14007	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.31	63	55848	44.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29024	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	37474	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

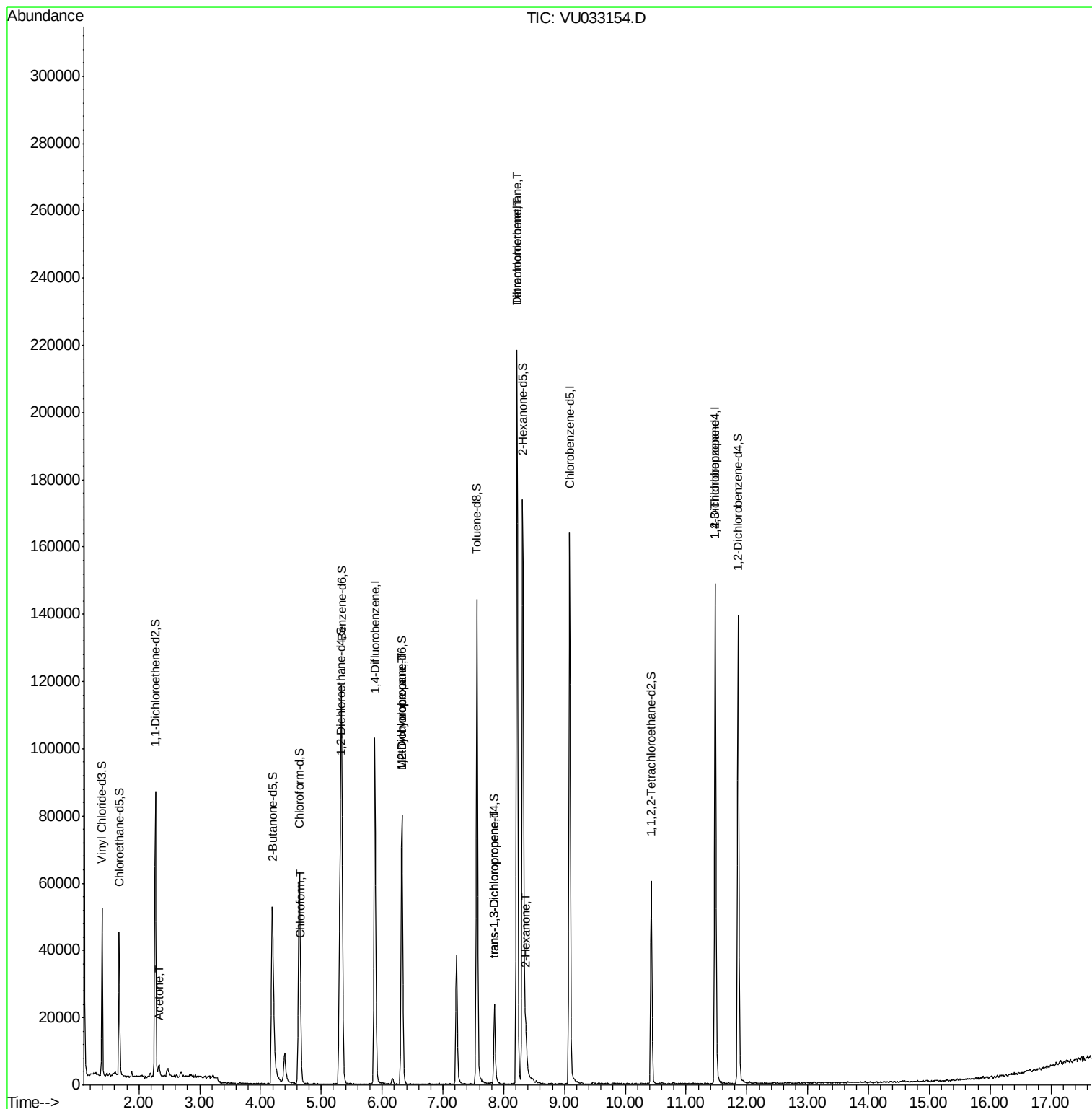
					Qvalue
13) Acetone	2.32	43	3741	2.637 ug/L	91
25) Chloroform	4.67	83	1884	0.141 ug/L	96
35) Methylcyclohexane	6.32	83	8484	0.802 ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4213	0.587 ug/L #	88
44) trans-1,3-Dichloropropene	7.85	75	729	0.086 ug/L	91
47) Tetrachloroethene	8.22	164	47159	7.979 ug/L	97
48) 2-Hexanone	8.36	43	7635	2.113 ug/L #	92
49) Dibromochloromethane	8.22	129	43134	6.853 ug/L #	13
59) 1,2,3-Trichloropropane	11.48	75	5208	1.067 ug/L	89

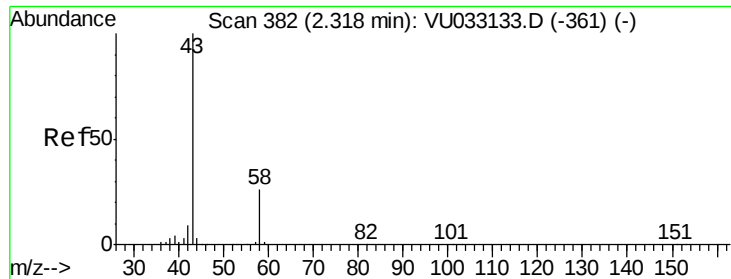
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.637 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.01 min

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Instrument :

MSVOA_U

ClientSampleId :

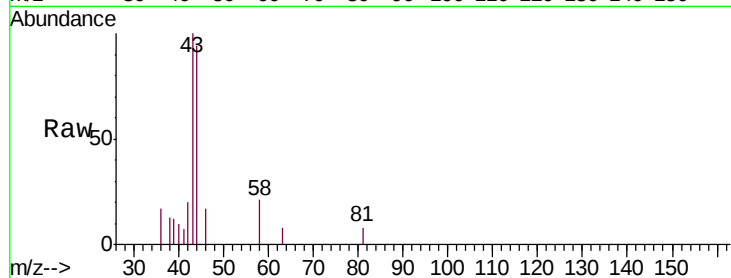
GAM78DL

Tgt Ion: 43 Resp: 3741

Ion Ratio Lower Upper

43 100

58 22.9 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) (-)

2.32

2000

1500

1000

500

0

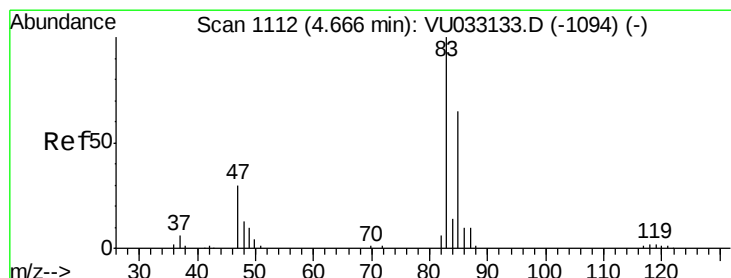
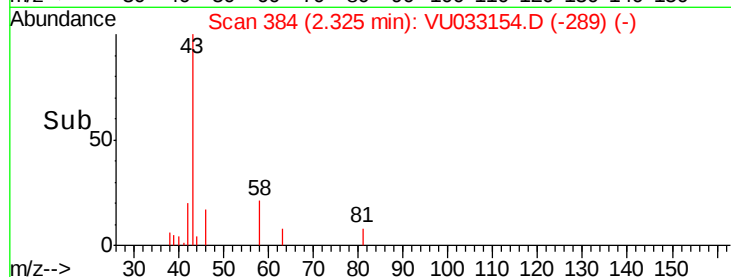
Time-->

2.25

2.30

2.35

2.40



#25

Chloroform

Concen: 0.141 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VU033154.D

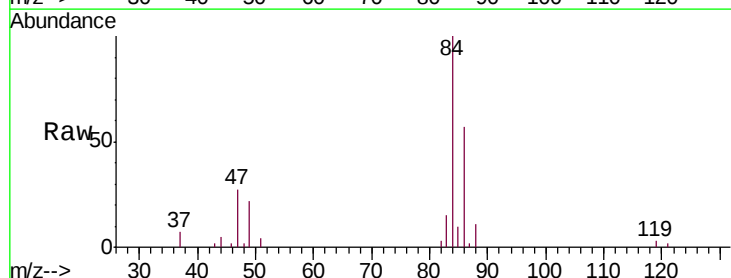
Acq: 02 Jul 2019 20:35

Tgt Ion: 83 Resp: 1884

Ion Ratio Lower Upper

83 100

85 70.0 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) (-)

4.67

800

600

400

200

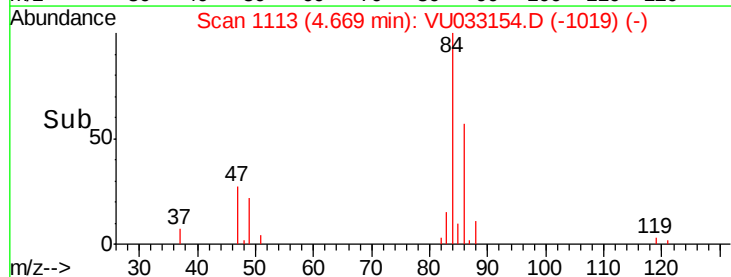
0

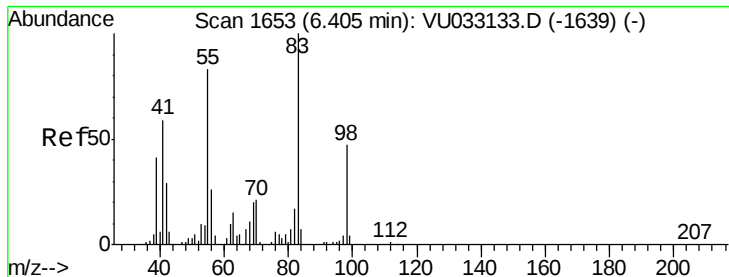
Time-->

4.60

4.65

4.70





#35

Methylcyclohexane

Concen: 0.802 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033154.D

Acq: 02 Jul 2019 20:35

Instrument :

MSVOA_U

ClientSampled :

GAM78DL

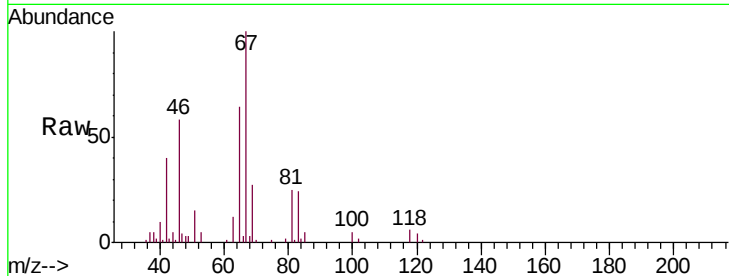
Tgt Ion: 83 Resp: 8484

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

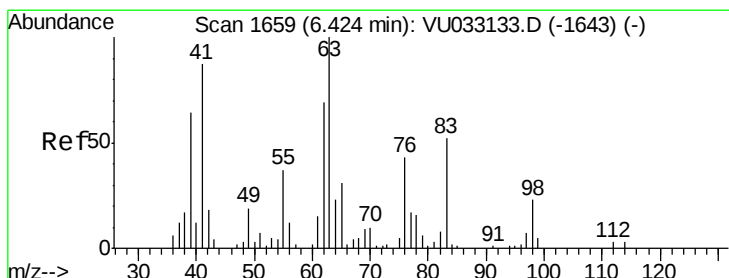
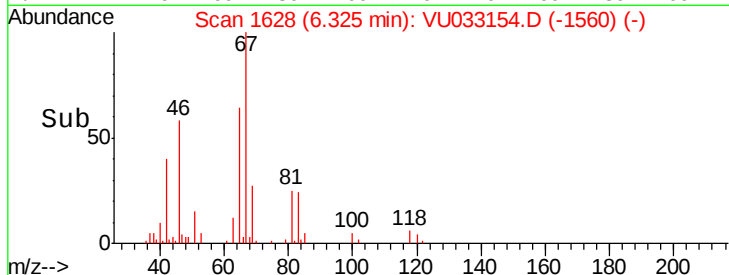
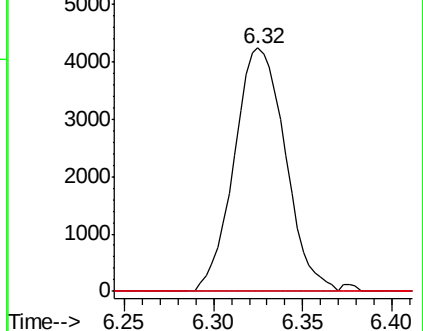
98 2.3 37.1 55.7#



Abundance Ion 83.15 (82.85 to 83.85): VU033133.D (-1639) (-)

Ion 55.10 (54.80 to 55.80): VU033133.D (-1639) (-)

Ion 98.15 (97.85 to 98.85): VU033133.D (-1639) (-)



#37

1,2-Dichloropropane

Concen: 0.587 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033154.D

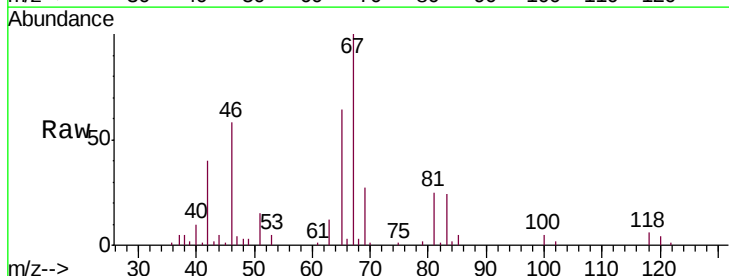
Acq: 02 Jul 2019 20:35

Tgt Ion: 63 Resp: 4213

Ion Ratio Lower Upper

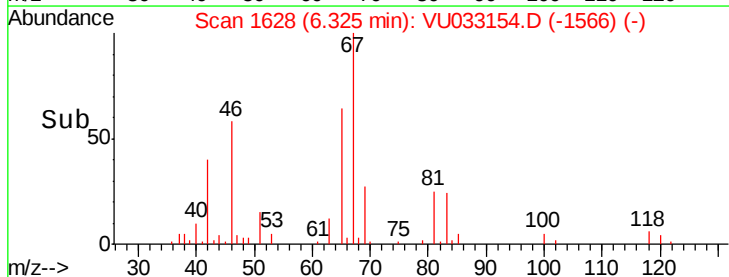
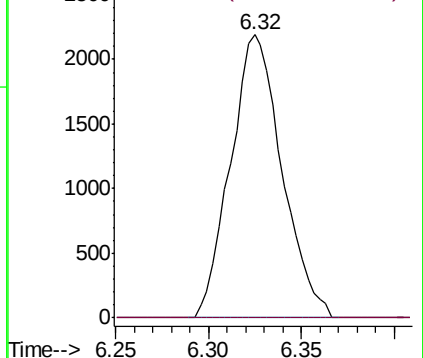
63 100

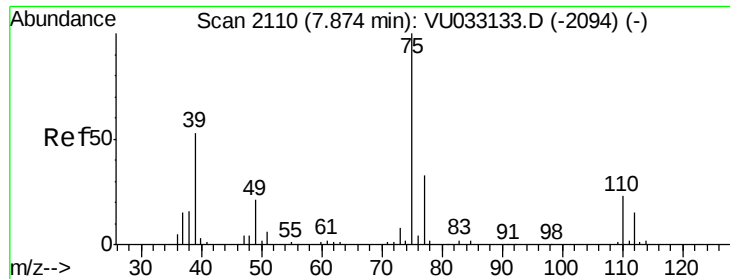
112 0.0 3.0 4.6#



Abundance Ion 63.10 (62.80 to 63.80): VU033133.D (-1643) (-)

Ion 112.10 (111.80 to 112.80): VU033133.D (-1643) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033154.D

Acq: 02 Jul 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

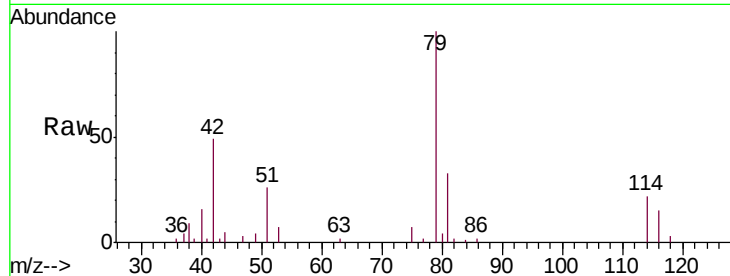
GAM78DL

Tgt Ion: 75 Resp: 729

Ion Ratio Lower Upper

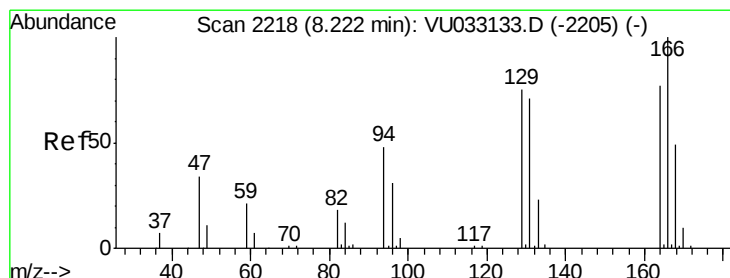
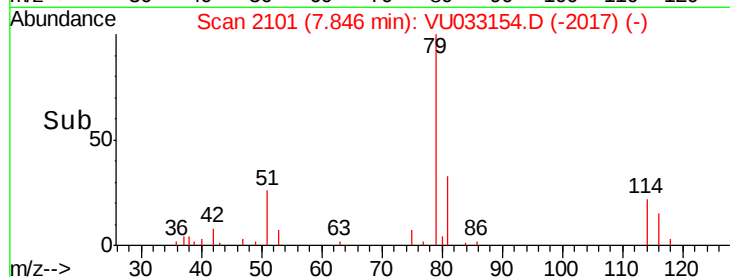
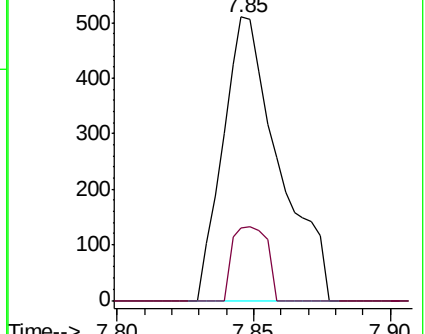
75 100

77 25.7 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#47

Tetrachloroethene

Concen: 7.979 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.00 min

Lab File: VU033154.D

Acq: 02 Jul 2019 20:35

Tgt Ion: 164 Resp: 47159

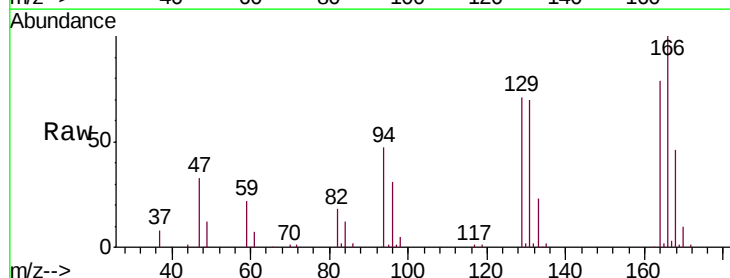
Ion Ratio Lower Upper

164 100

129 89.9 65.3 121.3

131 88.6 60.3 112.1

166 127.0 86.9 161.3

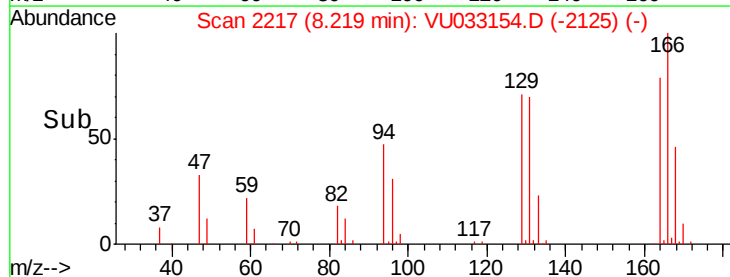
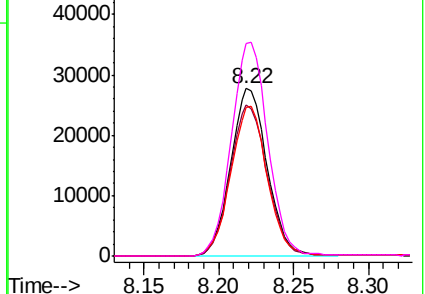


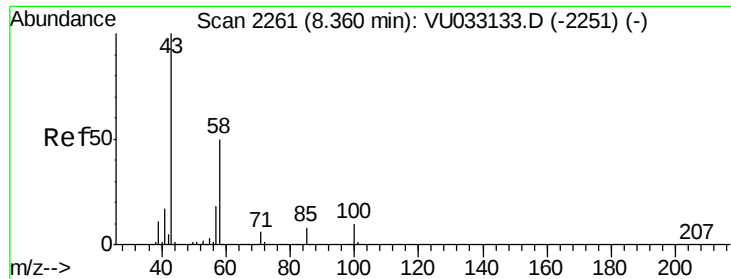
Abundance Ion 163.90 (163.60 to 164.60): V

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

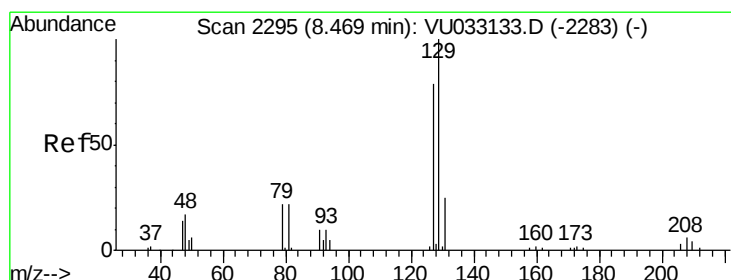
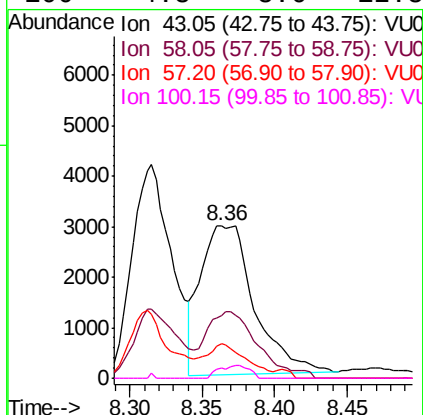
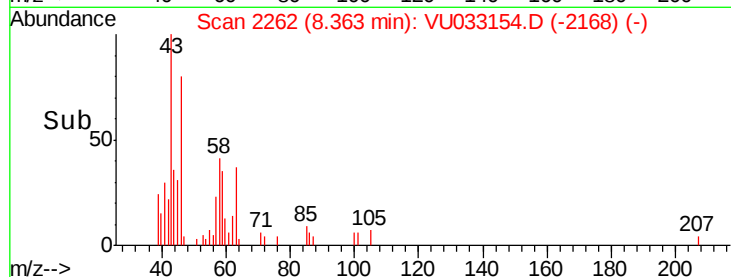
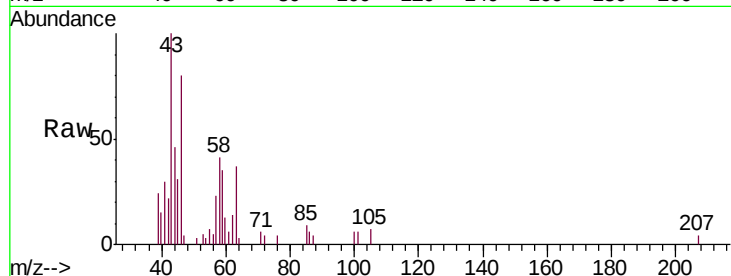




#48
2-Hexanone
Concen: 2.113 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033154.D
Acq: 02 Jul 2019 20:35

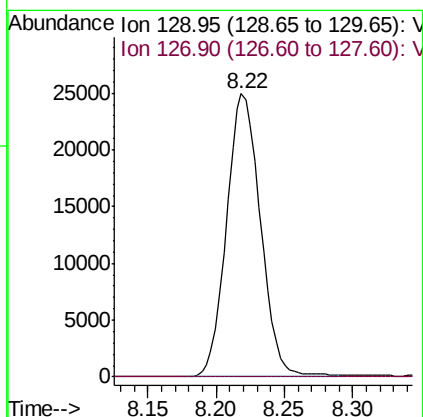
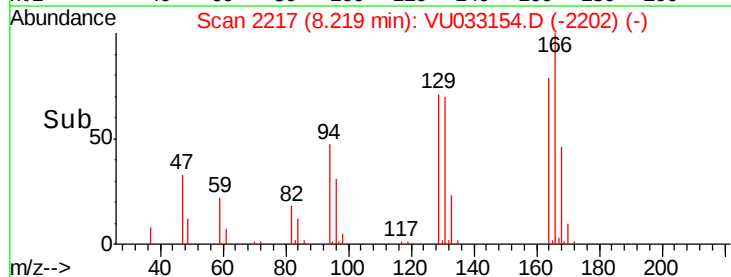
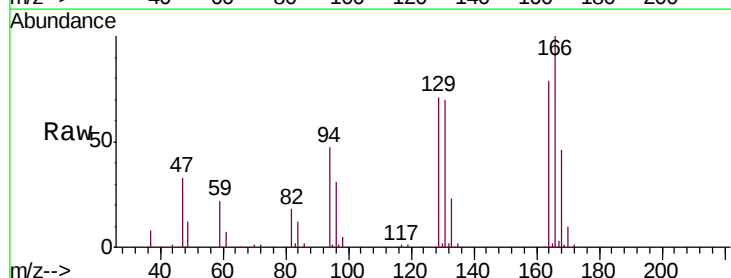
Instrument :
MSVOA_U
ClientSampleId :
GAM78DL

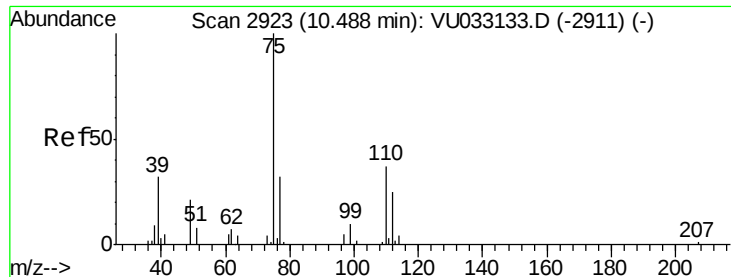
Tgt Ion: 43 Resp: 7635
Ion Ratio Lower Upper
43 100
58 43.3 39.0 58.6
57 18.0 13.9 20.9
100 4.8 8.6 12.8#



#49
Dibromochloromethane
Concen: 6.853 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033154.D
Acq: 02 Jul 2019 20:35

Tgt Ion: 129 Resp: 43134
Ion Ratio Lower Upper
129 100
127 0.0 51.6 95.8#





#59

1,2,3-Trichloropropane

Concen: 1.067 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033154.D

Acq: 02 Jul 2019 20:35

Instrument :

MSVOA_U

ClientSampleId :

GAM78DL

Tgt Ion: 75 Resp: 5208

Ion Ratio Lower Upper

75 100

77 38.2 25.8 38.8

