

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU073118\
 Data File : VU025733.D
 Acq On : 31 Jul 2018 09:38
 Operator : MD/SY
 Sample : J4148-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 31 11:58:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 11:57:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	323555	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	304795	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	162076	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75270	40.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.50%
7) Chloroethane-d5	1.68	69	66018	43.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.66%
11) 1,1-Dichloroethene-d2	2.27	63	118054	30.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.40%
21) 2-Butanone-d5	4.18	46	132851	93.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.16%
24) Chloroform-d	4.65	84	183387	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.31	65	126716	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.14%
32) Benzene-d6	5.35	84	347807	44.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.98%
36) 1,2-Dichloropropane-d6	6.33	67	113701	45.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.28%
41) Toluene-d8	7.57	98	324147	43.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.48%
43) trans-1,3-Dichloropropene-	7.85	79	56261	43.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.46%
47) 2-Hexanone-d5	8.31	63	95457	90.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.51%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	155211	44.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	144686	44.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.10%

Target Compounds

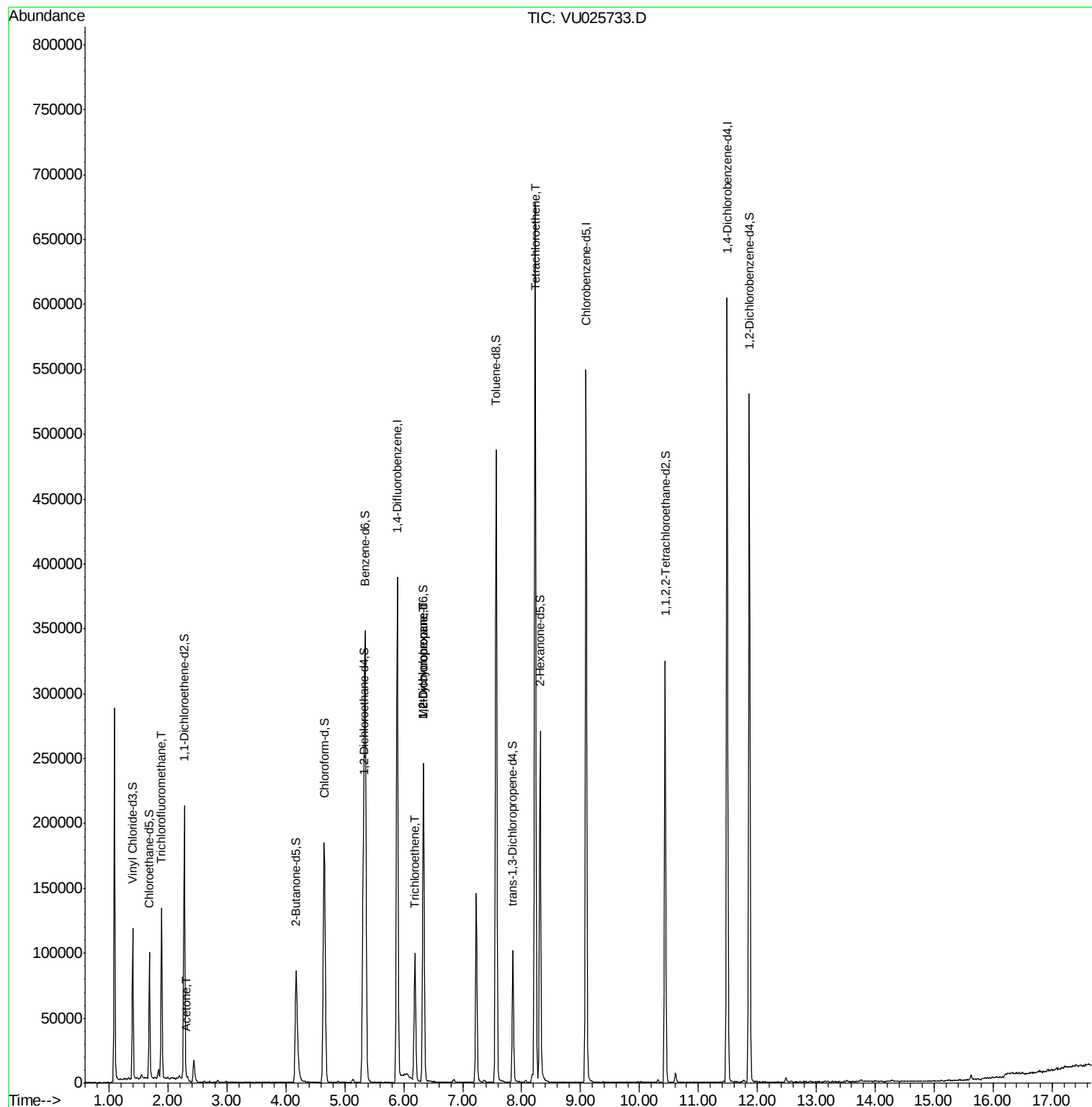
					Ovalue
9) Trichlorofluoromethane	1.89	101	80047	22.261	ug/L 97
13) Acetone	2.32	43	2414	1.442	ug/L 84
34) Trichloroethene	6.19	95	32885	14.152	ug/L 98
35) Methylcyclohexane	6.33	83	27461	7.329	ug/L # 19
37) 1,2-Dichloropropane	6.33	63	13194	5.513	ug/L # 88
46) Tetrachloroethene	8.23	164	152955	75.927	ug/L 98

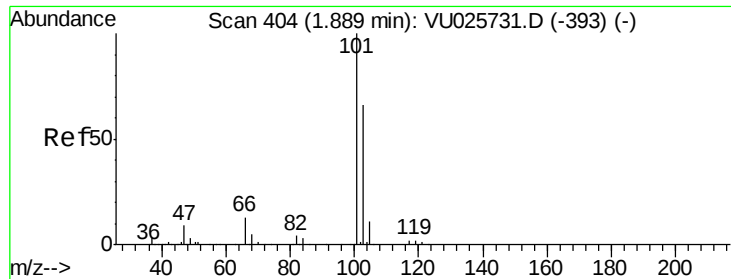
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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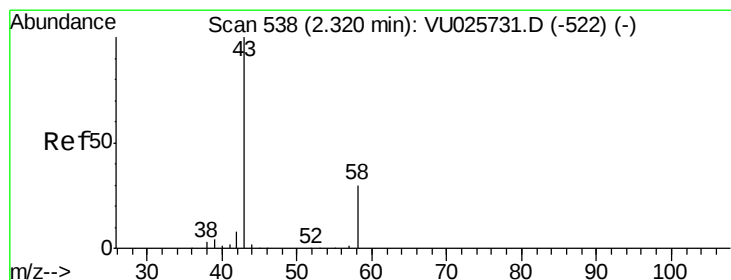
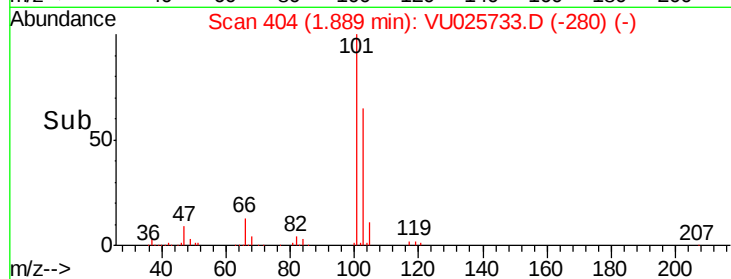
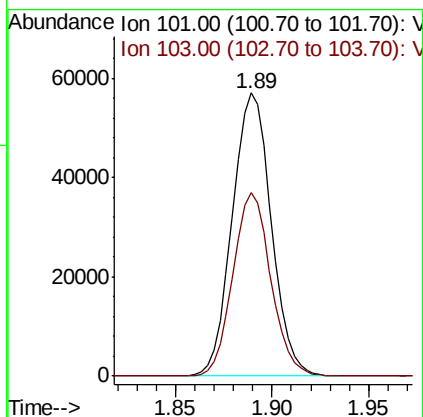
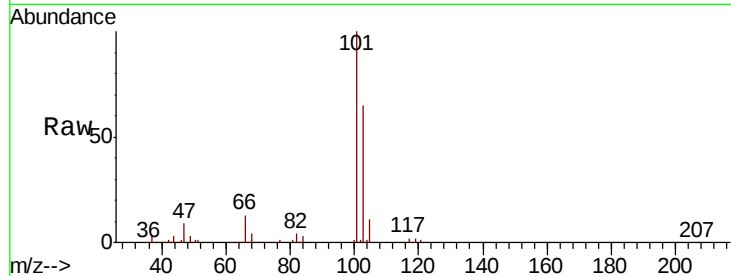


#9

Trichlorofluoromethane
 Concen: 22.261 ug/L
 RT: 1.89 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: VU025733.D
 Acq: 31 Jul 2018 09:38

Instrument :
 MSVOA_D
 ClientSampleId :

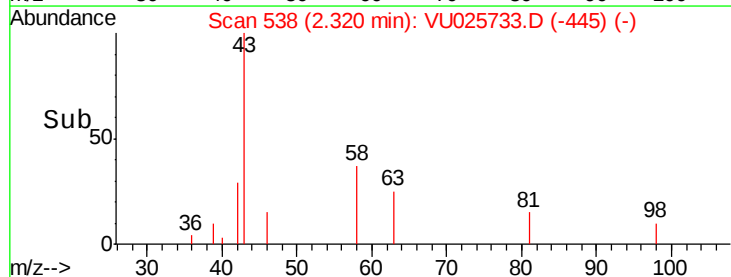
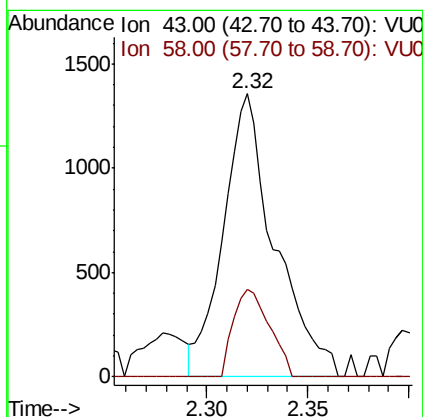
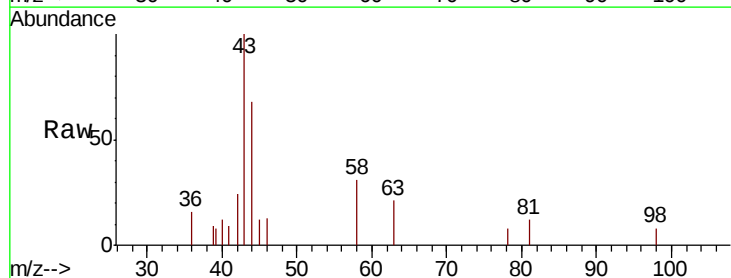
Tot Ion:101 Resp: 80047
 Ion Ratio Lower Upper
 101 100
 103 62.9 52.0 78.0

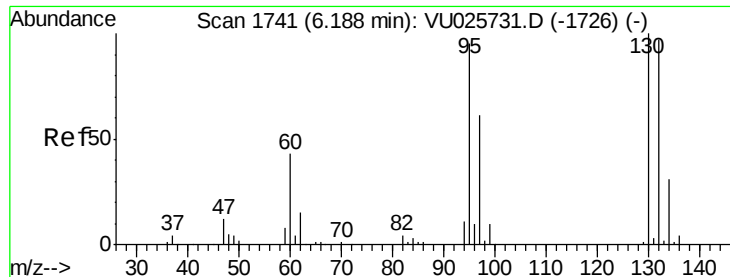


#13

Acetone
 Concen: 1.442 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: VU025733.D
 Acq: 31 Jul 2018 09:38

Tgt Ion: 43 Resp: 2414
 Ion Ratio Lower Upper
 43 100
 58 22.0 0.0 61.2





#34

Trichloroethene

Concen: 14.152 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU025733.D

Acq: 31 Jul 2018 09:38

Instrument :

MSVOA_D

ClientSampleId :

Tot Ion: 95 Resp: 32885

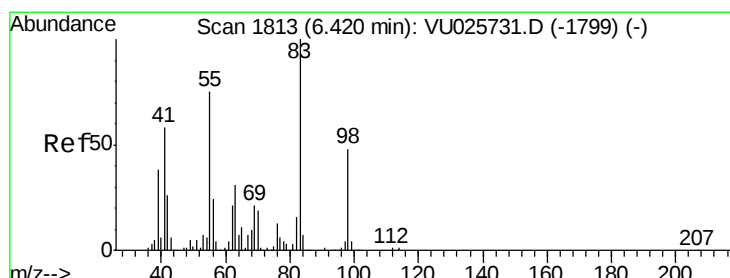
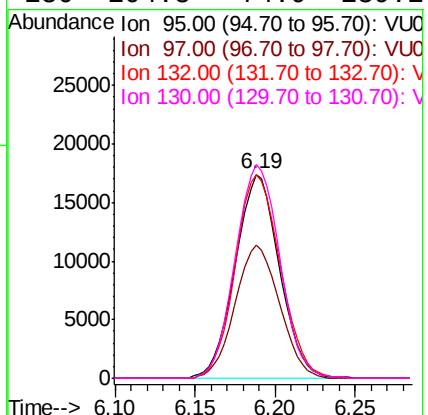
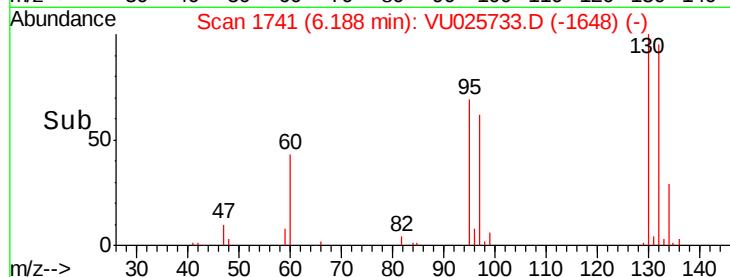
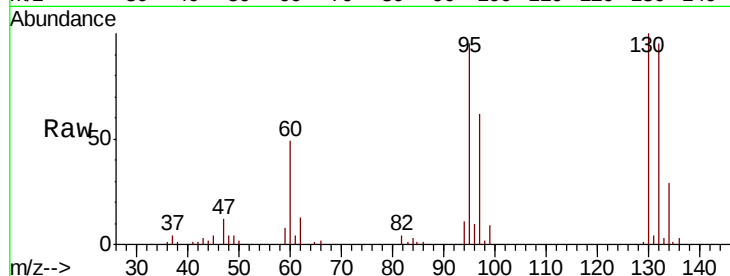
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 99.7 72.2 134.2

130 104.8 74.9 139.1



#35

Methylcyclohexane

Concen: 7.329 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.09 min

Lab File: VU025733.D

Acq: 31 Jul 2018 09:38

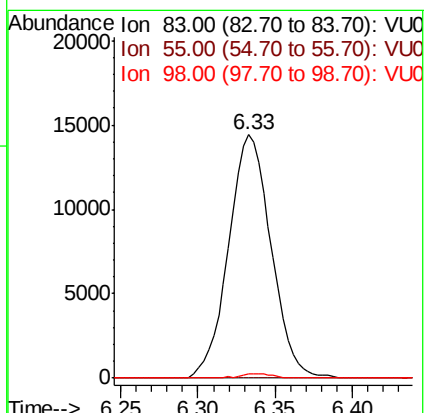
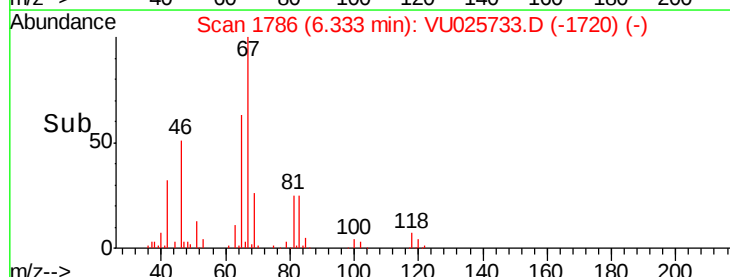
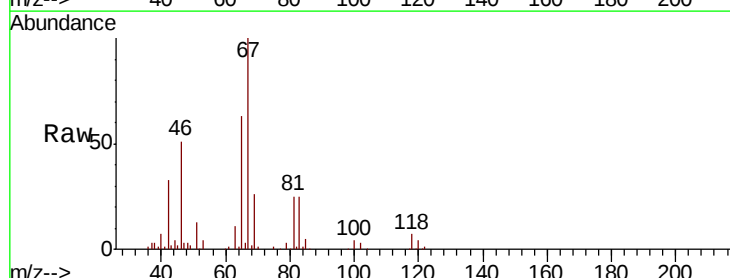
Tgt Ion: 83 Resp: 27461

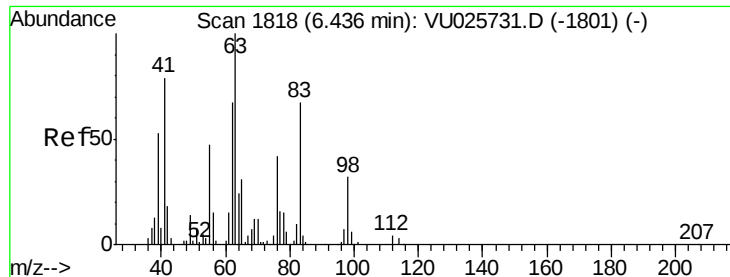
Ion Ratio Lower Upper

83 100

55 0.0 61.1 91.7#

98 1.2 38.6 57.8#





#37

1,2-Dichloropropane

Concen: 5.513 ug/L

RT: 6.33 min Scan# 1786

Delta R.T. -0.10 min

Lab File: VU025733.D

Acq: 31 Jul 2018 09:38

Instrument :

MSVOA_D

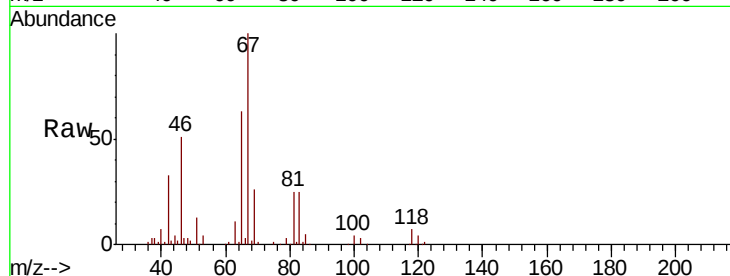
ClientSampleId :

Tot Ion: 63 Resp: 13194

Ion Ratio Lower Upper

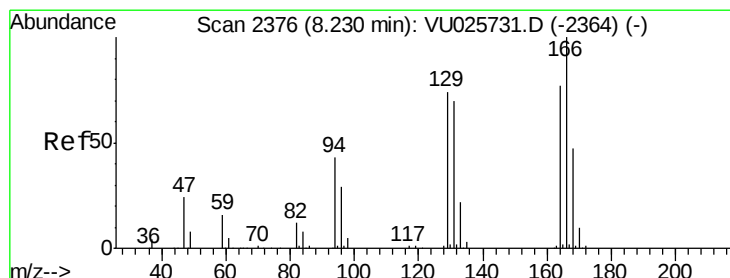
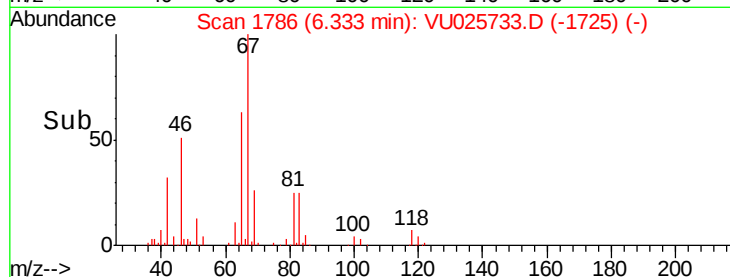
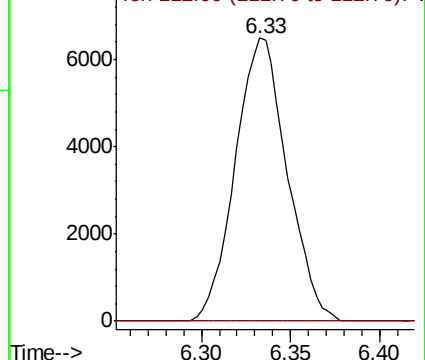
63 100

112 0.0 3.3 4.9#



Abundance Ion 63.00 (62.70 to 63.70): VU025733.D (-1786) (-)

Ion 112.00 (111.70 to 112.70): VU025733.D (-1786) (-)



#46

Tetrachloroethene

Concen: 75.927 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU025733.D

Acq: 31 Jul 2018 09:38

Tgt Ion:164 Resp: 152955

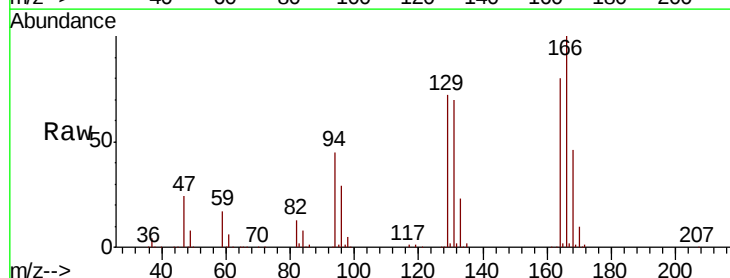
Ion Ratio Lower Upper

164 100

129 90.5 65.1 120.9

131 87.8 62.8 116.6

166 125.2 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): VU025733.D (-2283) (-)

Ion 129.00 (128.70 to 129.70): VU025733.D (-2283) (-)

Ion 131.00 (130.70 to 131.70): VU025733.D (-2283) (-)

Ion 166.00 (165.70 to 166.70): VU025733.D (-2283) (-)

