

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU121918\
 Data File : VU028805.D
 Acq On : 19 Dec 2018 19:46
 Operator : MD/SY
 Sample : J6474-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0492

Quant Time: Dec 20 06:41:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 07 00:39:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	123050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	207090	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	74047	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	79671	42.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.86%	
35) Dibromofluoromethane	4.88	113	67671	51.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.86%	
50) Toluene-d8	7.57	98	263574	51.13	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	10.30	95	83385	43.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	86.54%	

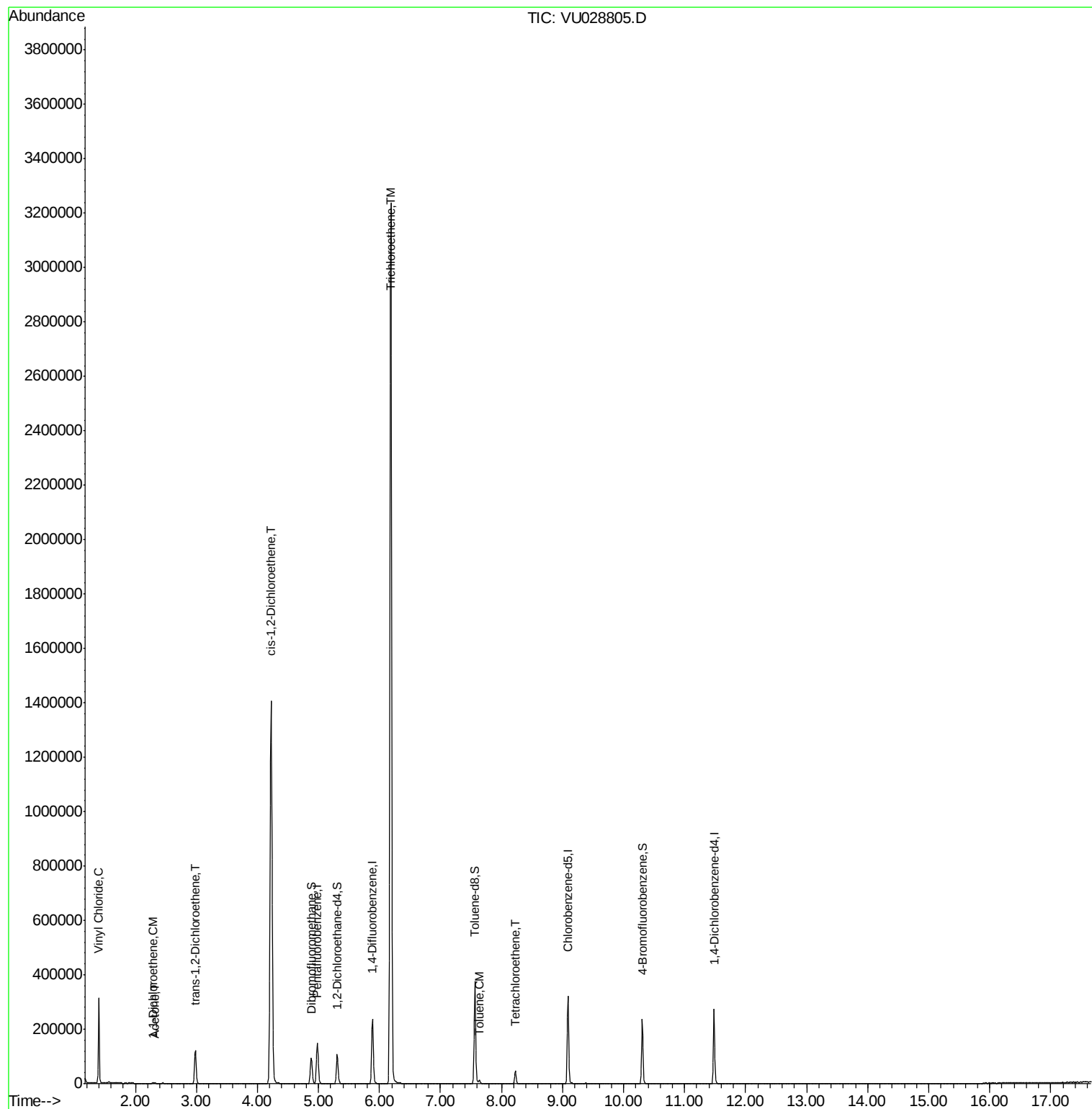
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.40	62	192396	87.922	ug/l	99
12) 1,1-Dichloroethene	2.28	96	1197	0.874	ug/l	85
16) Acetone	2.32	43	3002	2.450	ug/l	92
21) trans-1,2-Dichloroethene	2.98	96	50131	32.499	ug/l	93
27) cis-1,2-Dichloroethene	4.22	96	789189	452.021	ug/l	81
44) Trichloroethene	6.19	130	1115208	751.474	ug/l	91
52) Toluene	7.64	92	4820	1.227	ug/l	99
64) Tetrachloroethene	8.22	164	11380	9.194	ug/l	97

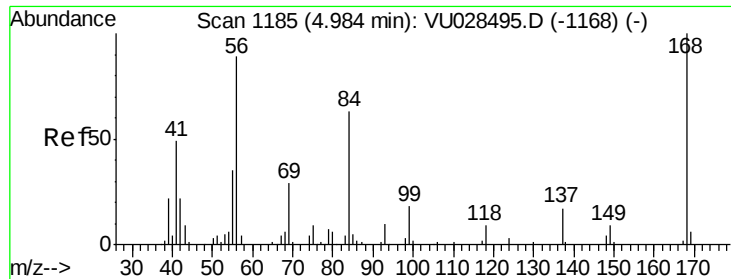
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

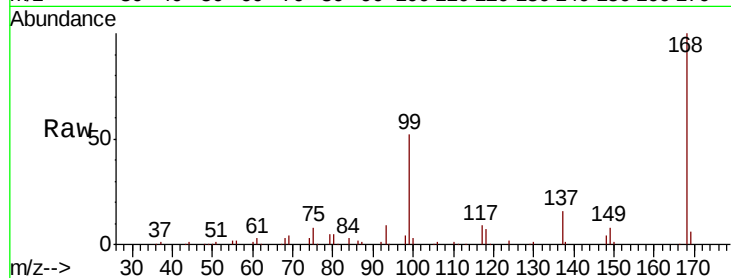
S49-0492

Tot Ion:168 Resp: 123050

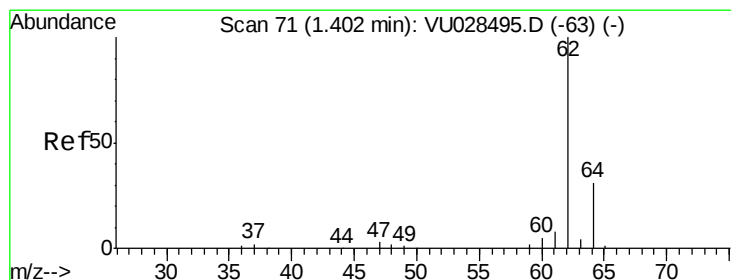
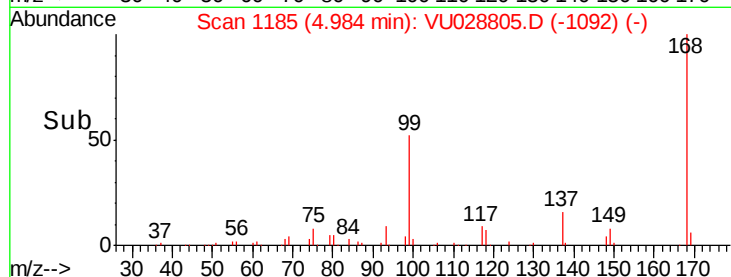
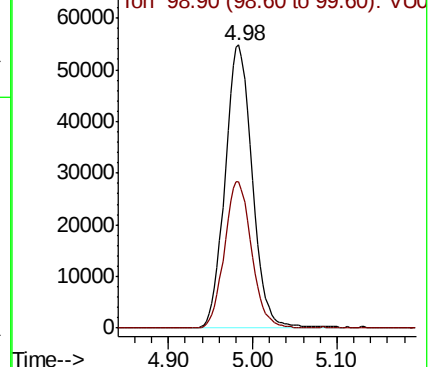
Ion Ratio Lower Upper

168 100

99 51.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)



#4

Vinyl Chloride

Concen: 87.922 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028805.D

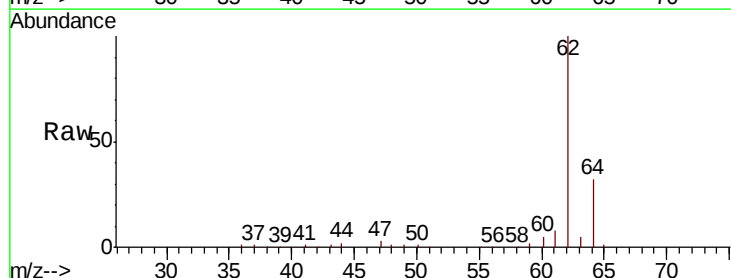
Acq: 19 Dec 2018 19:46

Tgt Ion: 62 Resp: 192396

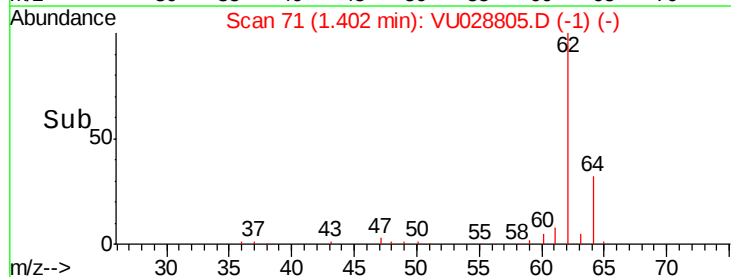
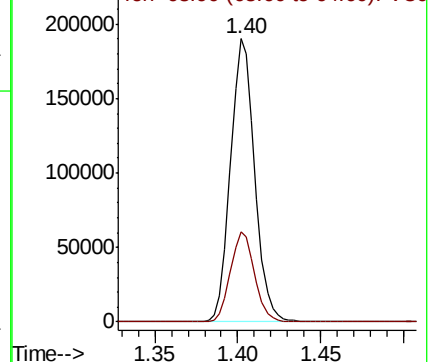
Ion Ratio Lower Upper

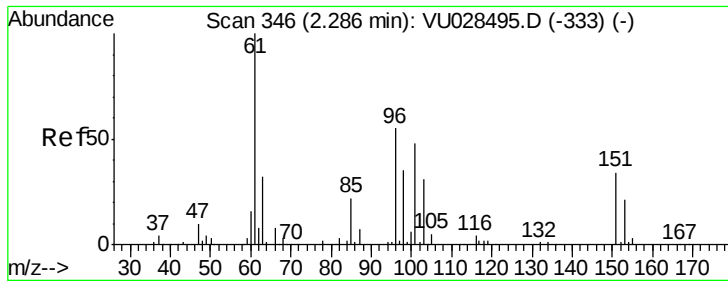
62 100

64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VU028495.D (-63) (-)



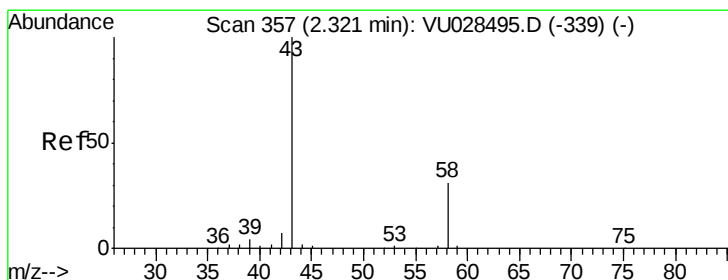
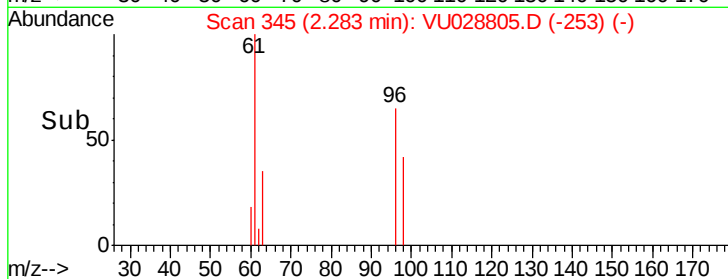
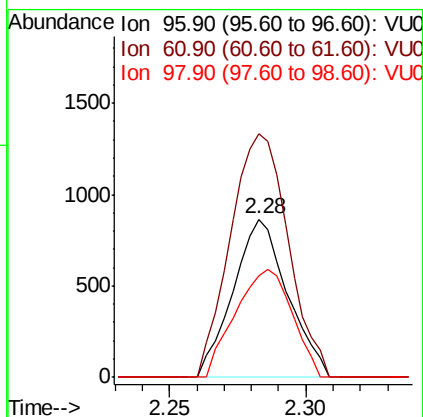
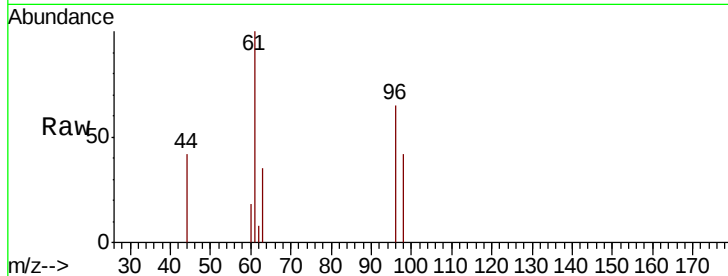


#12
 1,1-Dichloroethene
 Concen: 0.874 ug/l
 RT: 2.28 min Scan# 345
 Delta R.T. -0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0492

Tot Ion: 96 Resp: 1197

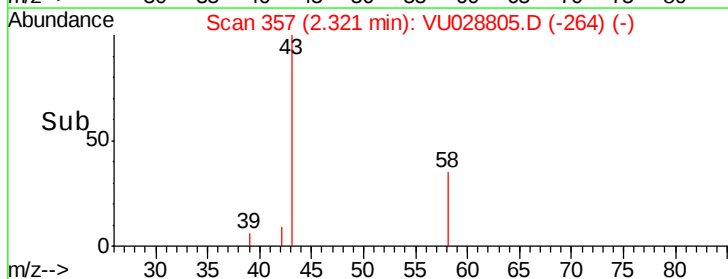
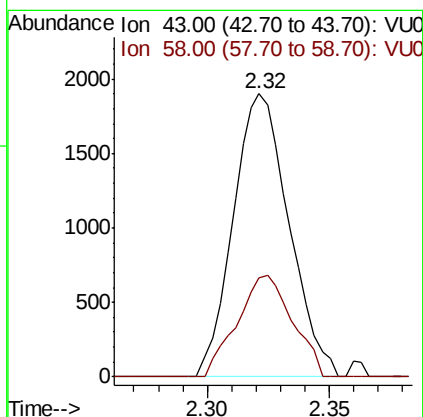
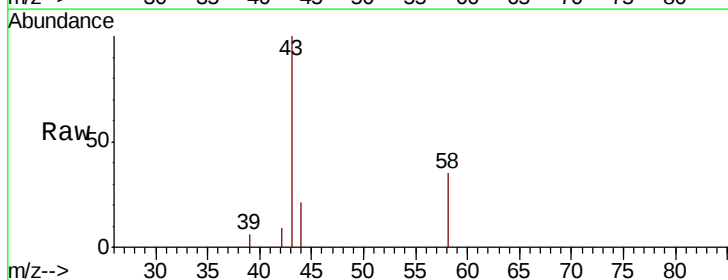
Ion	Ratio	Lower	Upper
96	100		
61	154.2	146.4	219.6
98	64.5	51.8	77.8

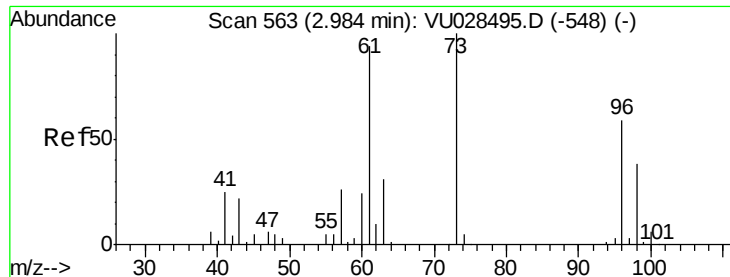


#16
 Acetone
 Concen: 2.450 ug/l
 RT: 2.32 min Scan# 357
 Delta R.T. -0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

Tgt Ion: 43 Resp: 3002

Ion	Ratio	Lower	Upper
43	100		
58	35.1	24.6	37.0





#21

trans-1,2-Dichloroethene

Concen: 32.499 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

S49-0492

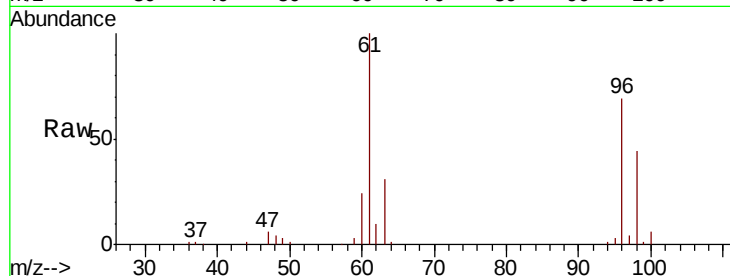
Tot Ion: 96 Resp: 50131

Ion Ratio Lower Upper

96 100

61 145.9 127.0 190.4

98 64.4 51.9 77.9

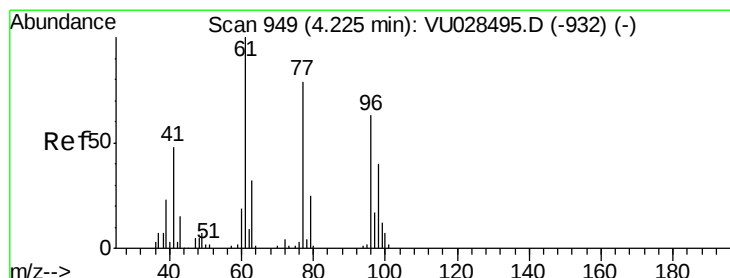
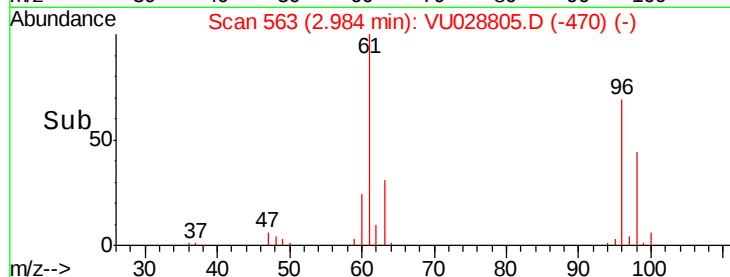
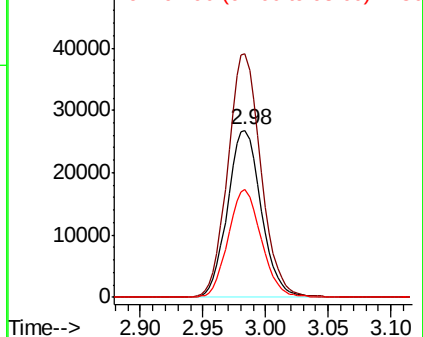


Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 452.021 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

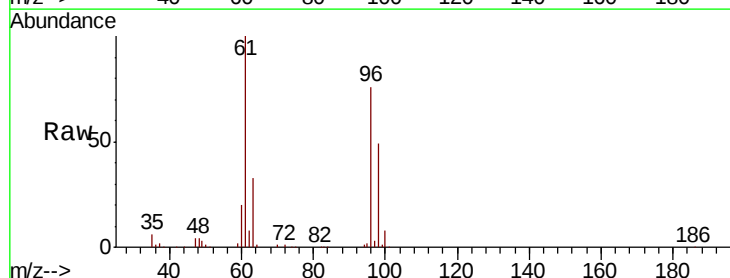
Tgt Ion: 96 Resp: 789189

Ion Ratio Lower Upper

96 100

61 131.2 0.0 332.4

98 64.2 0.0 129.0

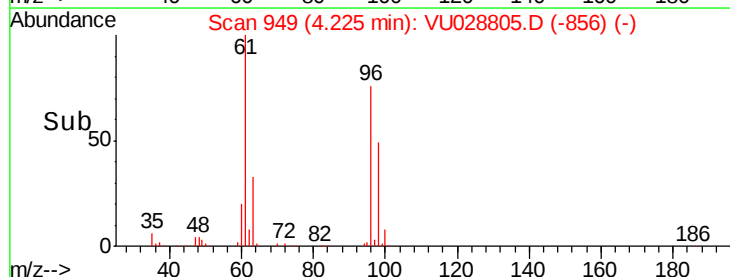
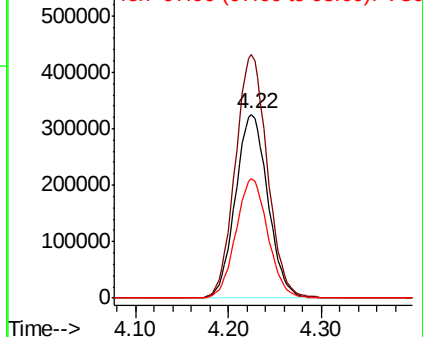


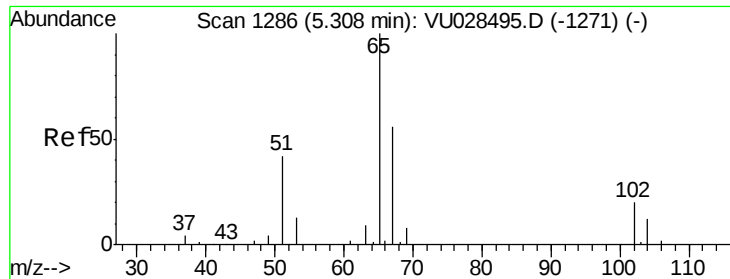
Abundance

Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

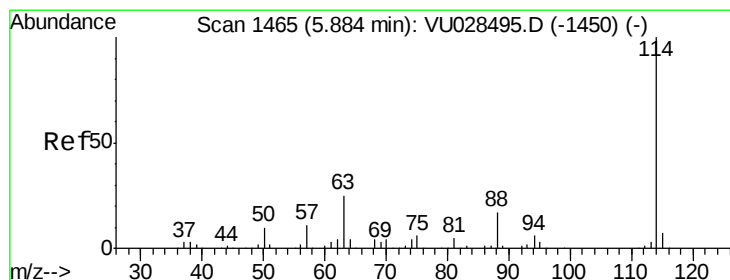
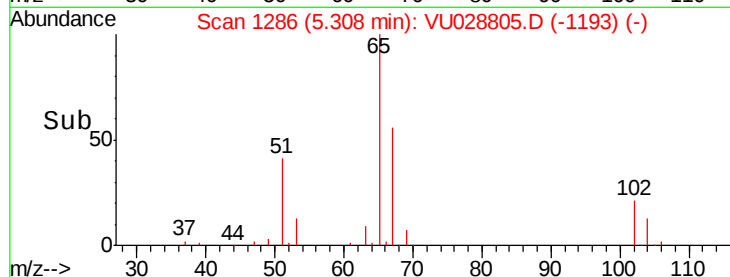
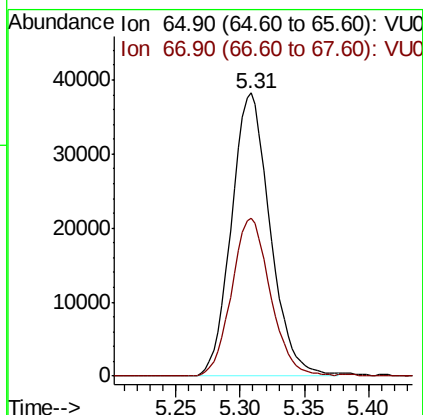
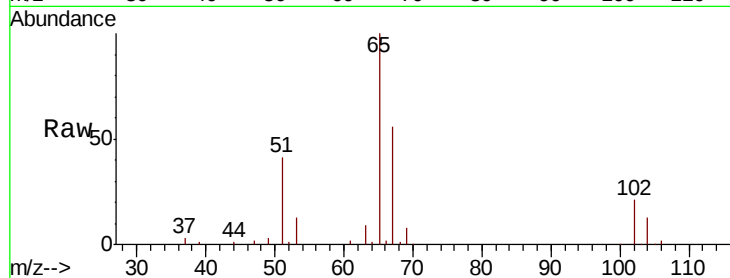




#33
 1,2-Dichloroethane-d4
 Concen: 42.427 ug/l
 RT: 5.31 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

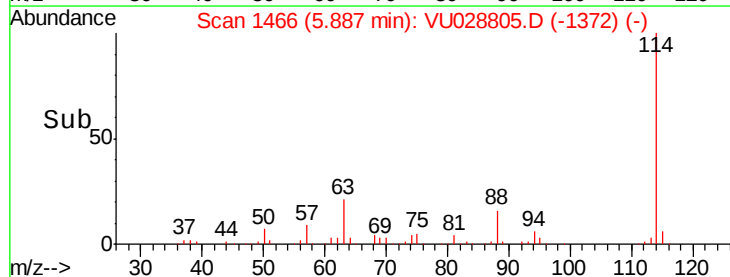
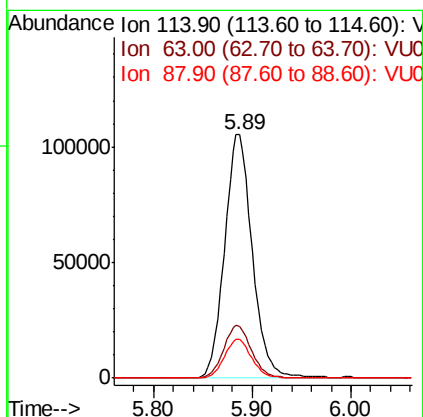
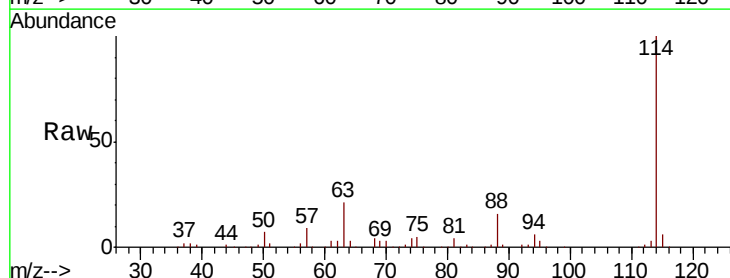
Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0492

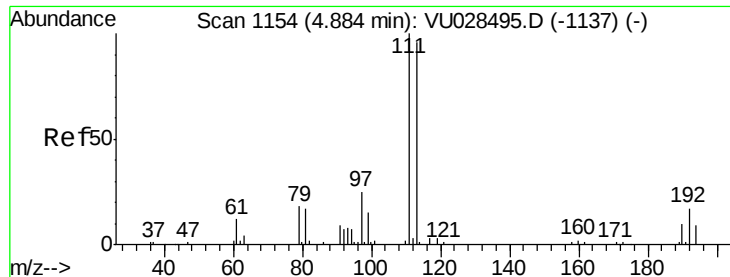
Tot Ion: 65 Resp: 79671
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

Tgt Ion: 114 Resp: 207090
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 49.2
 88 16.1 0.0 33.4

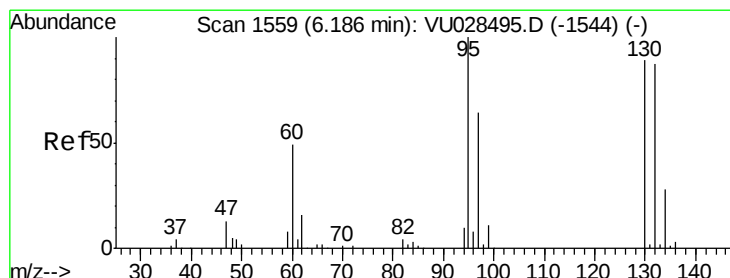
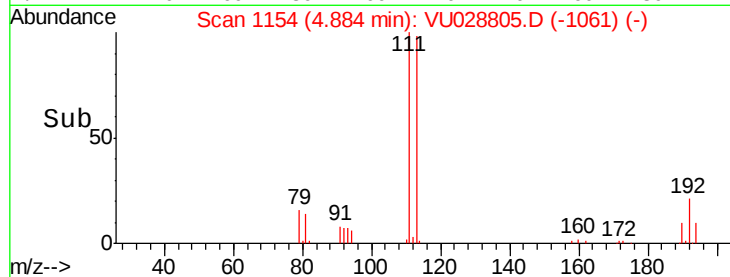
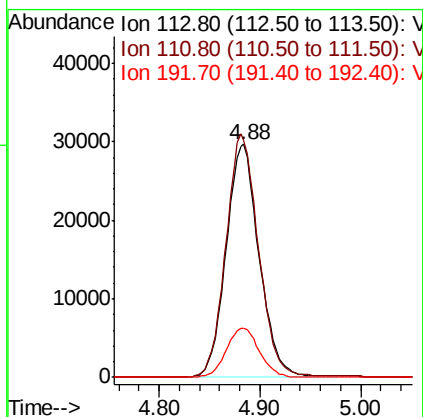
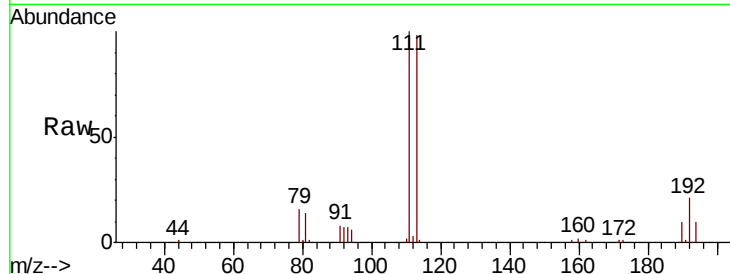




#35
 Dibromofluoromethane
 Concen: 51.926 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

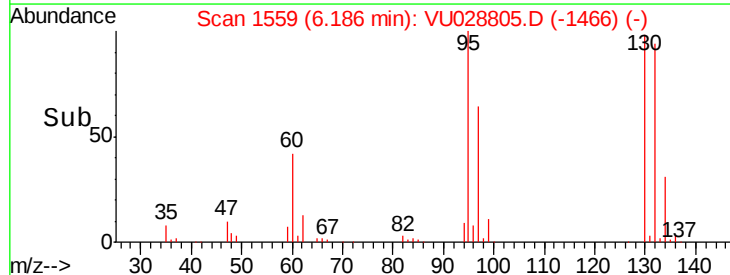
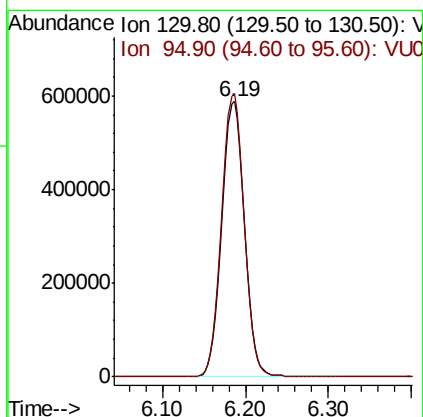
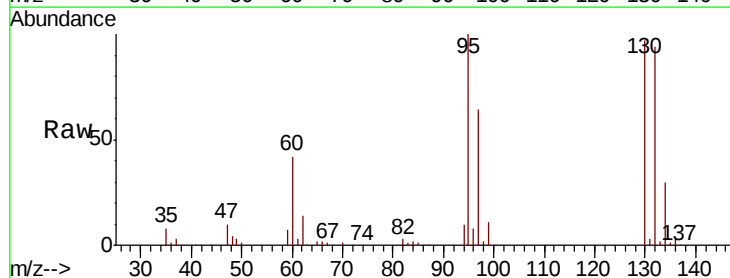
Instrument :
 MSVOA_U
 ClientSampleId :
 S49-0492

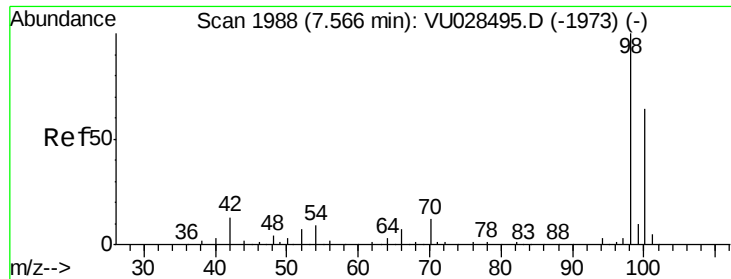
Tot Ion:113 Resp: 67671
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 21.0 14.8 22.2



#44
 Trichloroethene
 Concen: 751.474 ug/l
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VU028805.D
 Acq: 19 Dec 2018 19:46

Tgt Ion:130 Resp: 1115208
 Ion Ratio Lower Upper
 130 100
 95 102.8 0.0 224.0

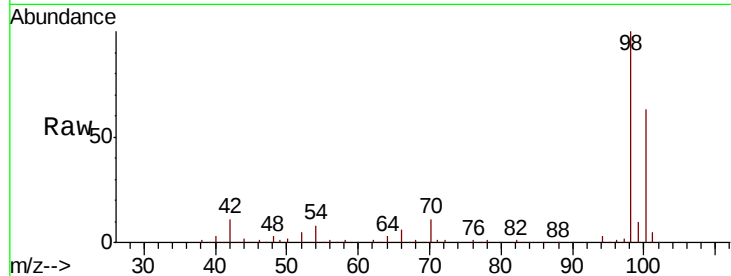




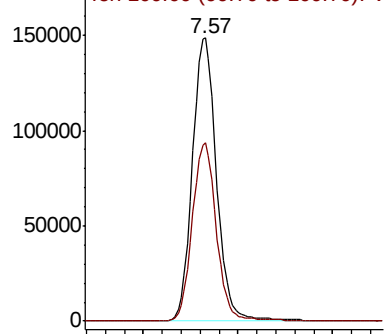
#50
Toluene-d8
Concen: 51.126 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU028805.D
Acq: 19 Dec 2018 19:46

Instrument :
MSVOA_U
ClientSampleId :
S49-0492

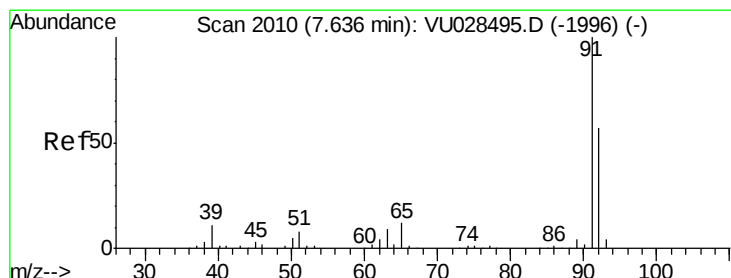
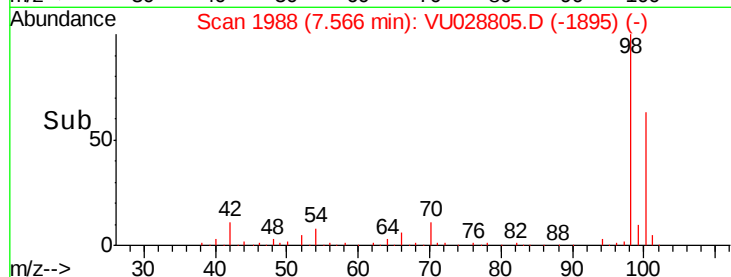
Tot Ion: 98 Resp: 263574
Ion Ratio Lower Upper
98 100
100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VU028805.D (-1973) (-)
Ion 100.00 (99.70 to 100.70): VU028805.D (-1973) (-)

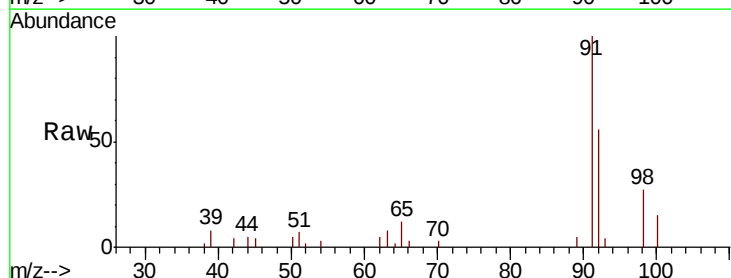


Time-->

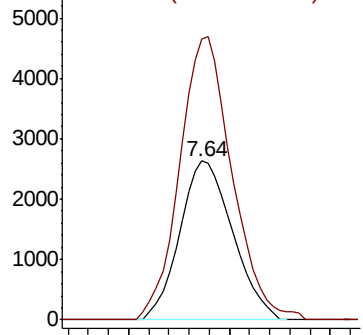


#52
Toluene
Concen: 1.227 ug/l
RT: 7.64 min Scan# 2010
Delta R.T. -0.00 min
Lab File: VU028805.D
Acq: 19 Dec 2018 19:46

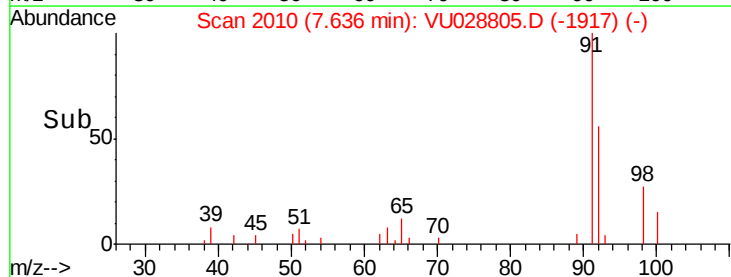
Tgt Ion: 92 Resp: 4820
Ion Ratio Lower Upper
92 100
91 176.7 140.2 210.4

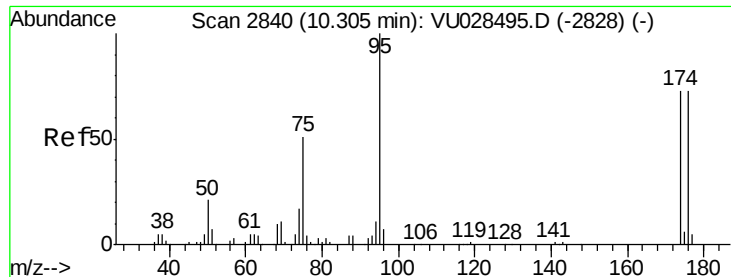


Abundance Ion 92.00 (91.70 to 92.70): VU028805.D (-1917) (-)
Ion 91.00 (90.70 to 91.70): VU028805.D (-1917) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: 43.275 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

S49-0492

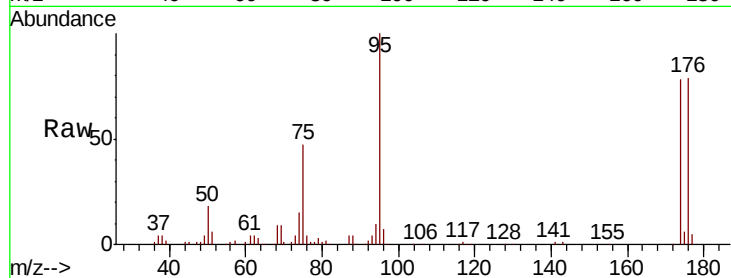
Tot Ion: 95 Resp: 83385

Ion Ratio Lower Upper

95 100

174 80.2 0.0 150.4

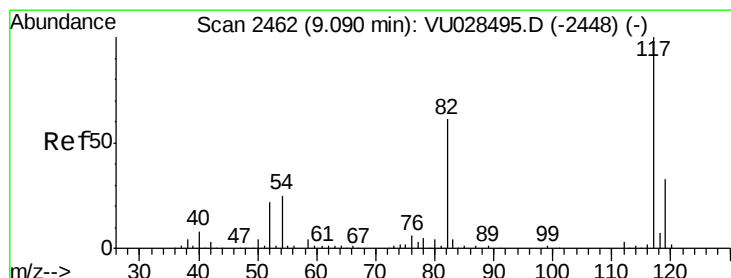
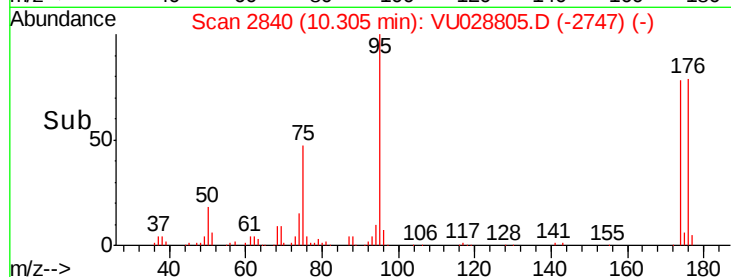
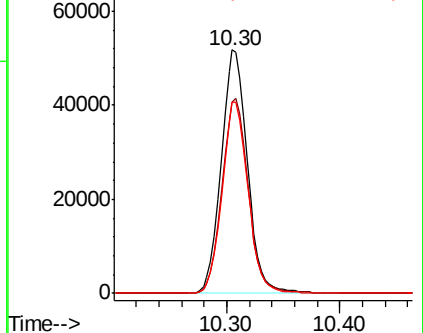
176 77.9 0.0 145.2



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

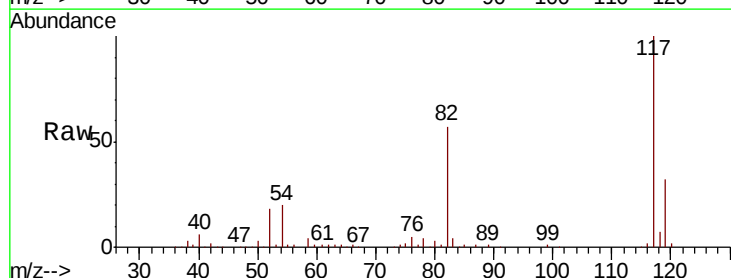
Tgt Ion: 117 Resp: 185573

Ion Ratio Lower Upper

117 100

82 57.5 48.9 73.3

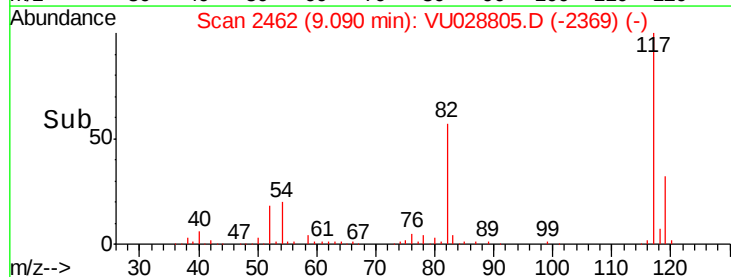
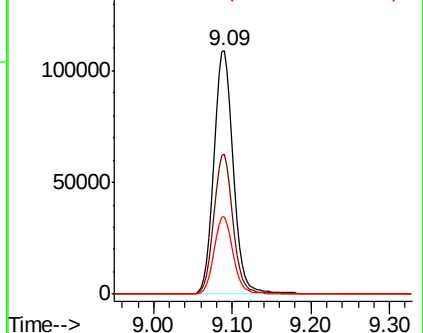
119 31.8 26.2 39.4

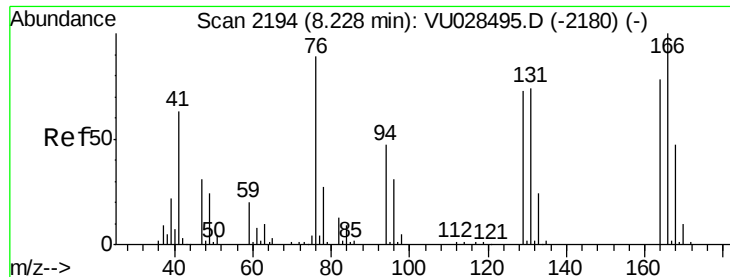


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VU0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 9.194 ug/l

RT: 8.22 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

Instrument :

MSVOA_U

ClientSampleId :

S49-0492

Tot Ion:164 Resp: 11380

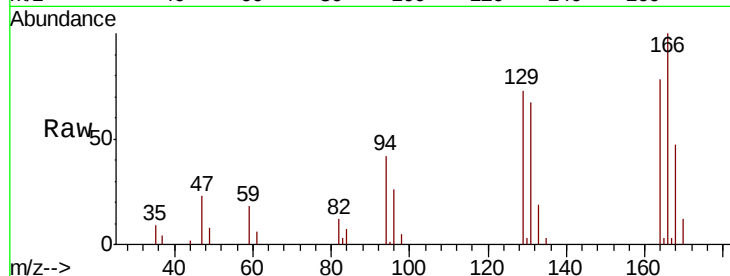
Ion Ratio Lower Upper

164 100

166 127.5 101.9 152.9

129 92.4 74.9 112.3

131 84.9 75.4 113.0

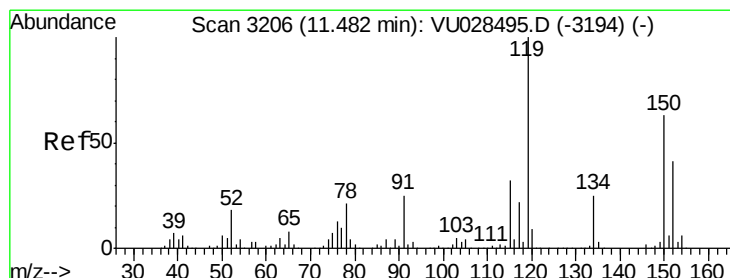
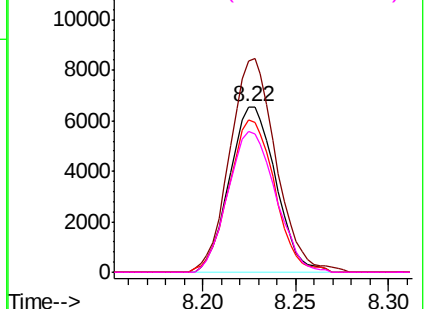
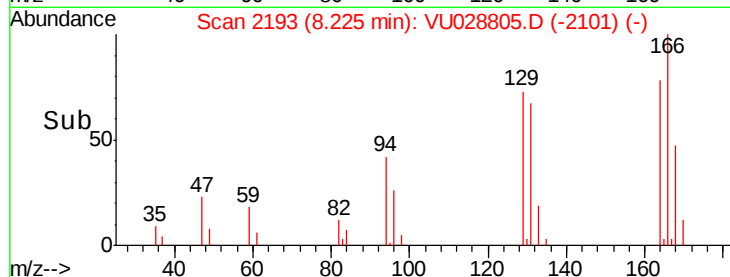


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. -0.00 min

Lab File: VU028805.D

Acq: 19 Dec 2018 19:46

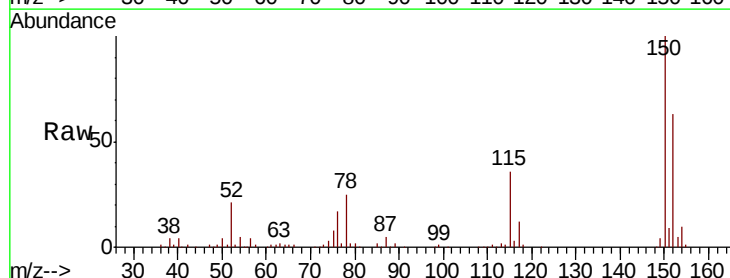
Tgt Ion:152 Resp: 74047

Ion Ratio Lower Upper

152 100

115 56.6 42.7 128.1

150 156.6 0.0 346.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

