

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110218\
 Data File : VU027916.D
 Acq On : 02 Nov 2018 11:20
 Operator : MD/SY
 Sample : J5755-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1-S

Quant Time: Nov 03 04:20:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188178	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	327732	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	284809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	125642	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	141900	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	4.88	113	107396	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	7.57	98	415868	52.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.20%	
62) 4-Bromofluorobenzene	10.31	95	139768	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

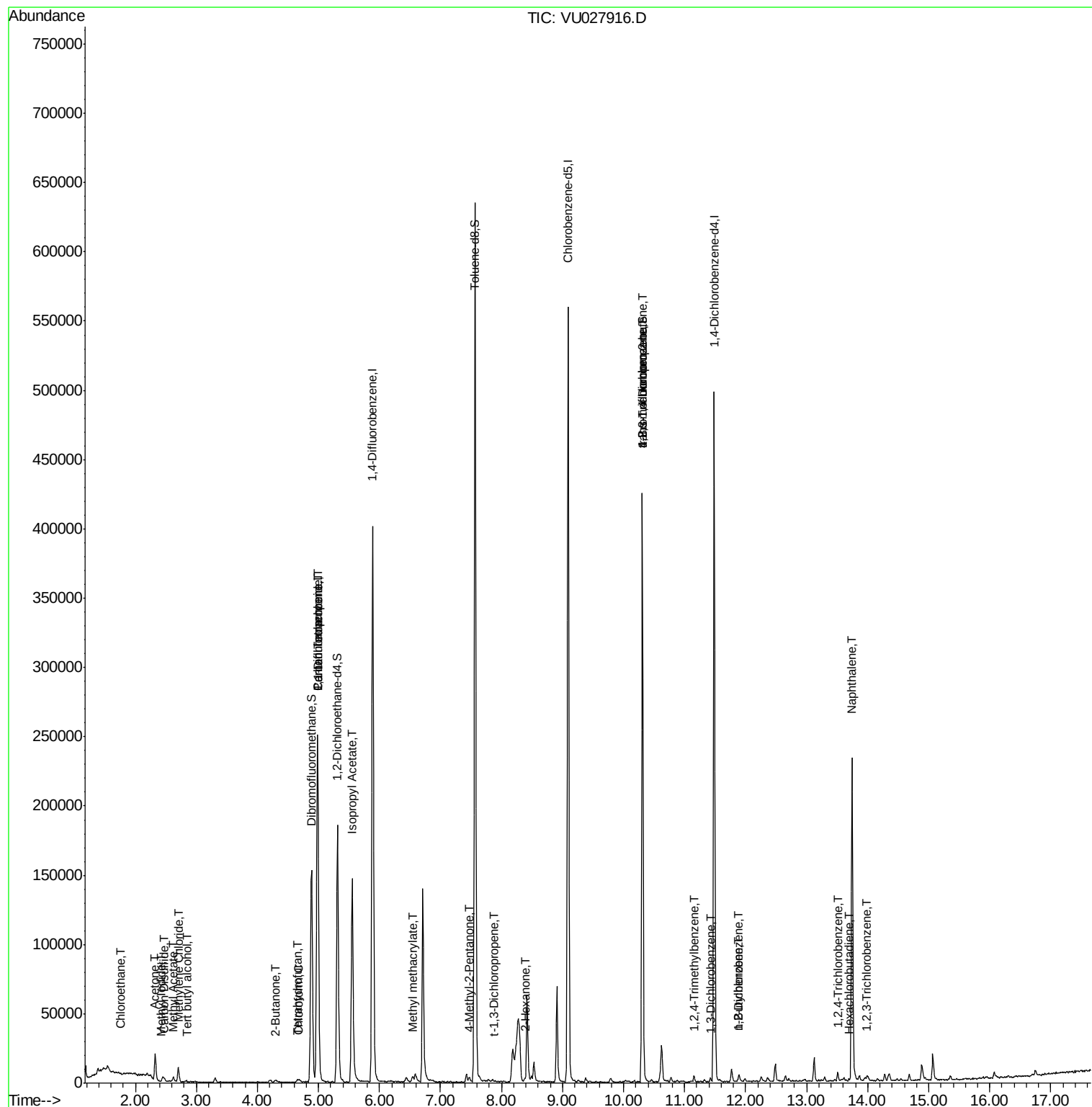
						Qvalue
6) Chloroethane	1.75	64	502	0.304	ug/l #	42
10) Methyl Iodide	2.41	142	64	7.790	ug/l #	40
11) Tert butyl alcohol	2.83	59	1133	1.530	ug/l #	73
13) Acrolein	2.20	56	289	Below Cal	#	24
16) Acetone	2.32	43	20208	11.642	ug/l	100
17) Carbon Disulfide	2.48	76	1760	0.273	ug/l #	88
18) Methyl Acetate	2.62	43	4298	0.900	ug/l	99
20) Methylene Chloride	2.70	84	4179	1.649	ug/l	94
25) 2-Butanone	4.30	43	3697	1.339	ug/l	99
29) Tetrahydrofuran	4.66	42	1426	0.773	ug/l #	86
30) Chloroform	4.68	83	989	0.218	ug/l #	68
31) Cyclohexane	4.98	56	4949	Below Cal	#	1
36) 1,1-Dichloropropene	4.99	75	16285	4.744	ug/l #	50
38) Carbon Tetrachloride	4.99	117	19246	6.327	ug/l #	17
43) Isopropyl Acetate	5.55	43	181099	22.984	ug/l	100
48) Methyl methacrylate	6.55	41	7594	1.967	ug/l #	22
51) 4-Methyl-2-Pentanone	7.47	43	2255	0.429	ug/l	90
53) t-1,3-Dichloropropene	7.88	75	156	1.155	ug/l #	43
59) 2-Hexanone	8.39	43	1318	0.324	ug/l	82
76) 1,2,3-Trichloropropane	10.31	75	72302	21.038	ug/l #	34
81) trans-1,4-Dichloro-2-buten	10.31	75	72302	52.515	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2472	0.304	ug/l	97
87) 1,3-Dichlorobenzene	11.42	146	841	0.204	ug/l	87
89) n-Butylbenzene	11.89	91	2512	0.323	ug/l	85
91) 1,2-Dichlorobenzene	11.88	146	857	0.207	ug/l #	79
93) 1,2,4-Trichlorobenzene	13.51	180	1435	1.171	ug/l	92
94) Hexachlorobutadiene	13.69	225	388	0.294	ug/l	89
95) Naphthalene	13.74	128	189445	18.267	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	1504	0.541	ug/l	88

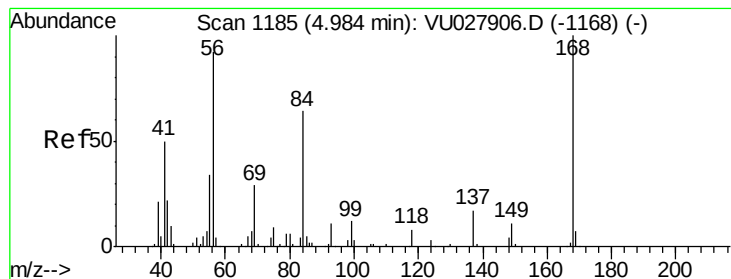
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 02 02:28:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

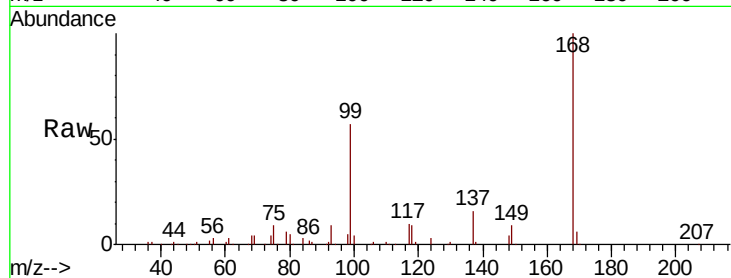
TP-1-S

Tot Ion:168 Resp: 188178

Ion Ratio Lower Upper

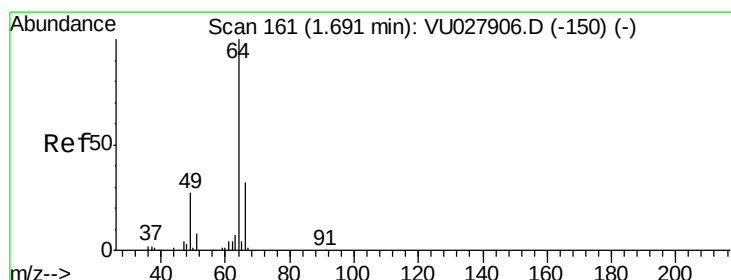
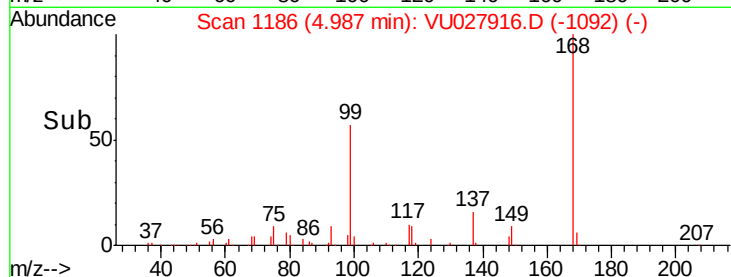
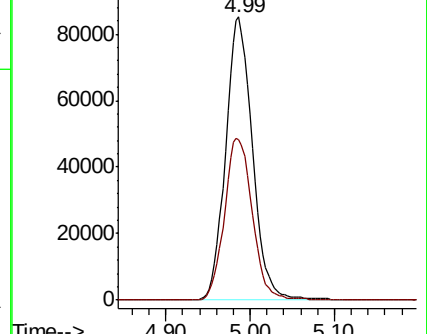
168 100

99 56.5 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VU027906.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU027906.D (-1168) (-)



#6

Chloroethane

Concen: 0.304 ug/l

RT: 1.75 min Scan# 180

Delta R.T. 0.06 min

Lab File: VU027916.D

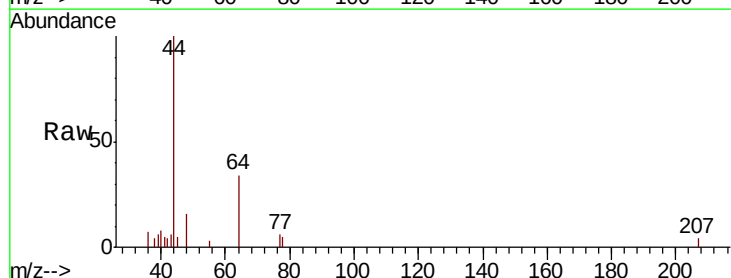
Acq: 02 Nov 2018 11:20

Tgt Ion: 64 Resp: 502

Ion Ratio Lower Upper

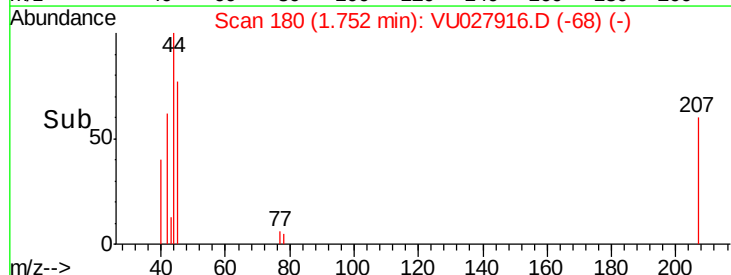
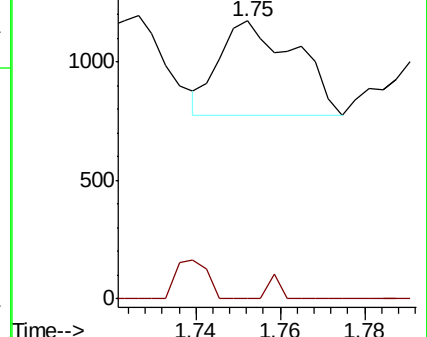
64 100

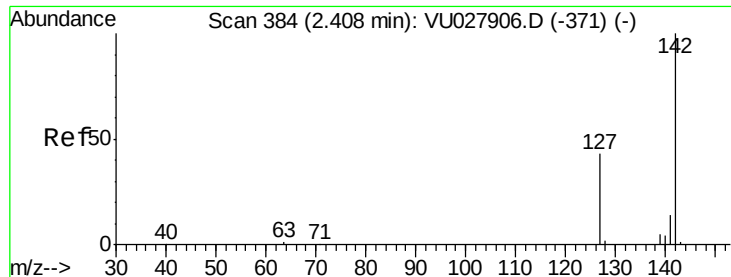
66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VU027906.D (-150) (-)

Ion 65.90 (65.60 to 66.60): VU027906.D (-150) (-)

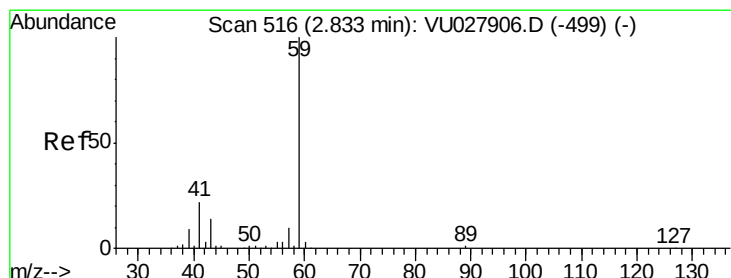
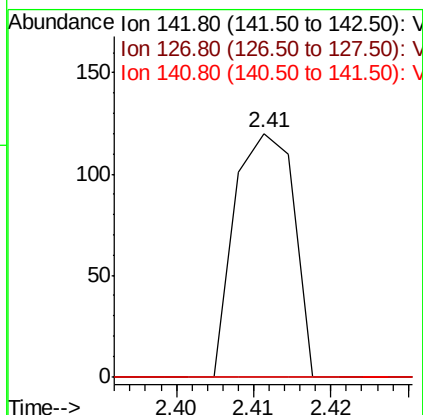
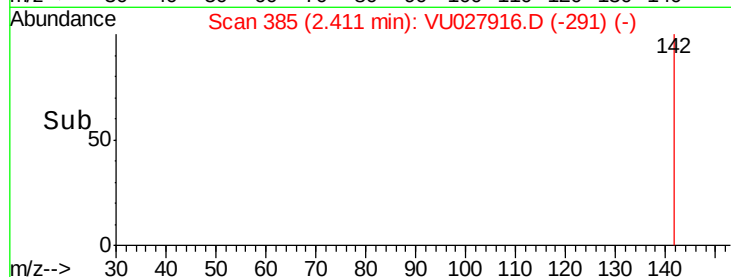
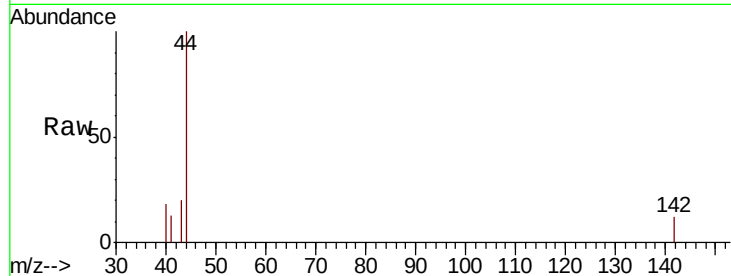




#10
Methyl Iodide
Concen: 7.790 ug/l
RT: 2.41 min Scan# 385
Delta R.T. 0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

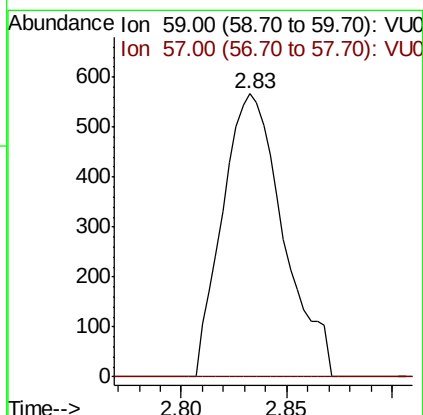
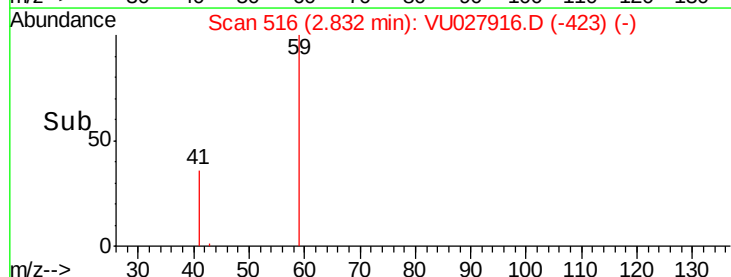
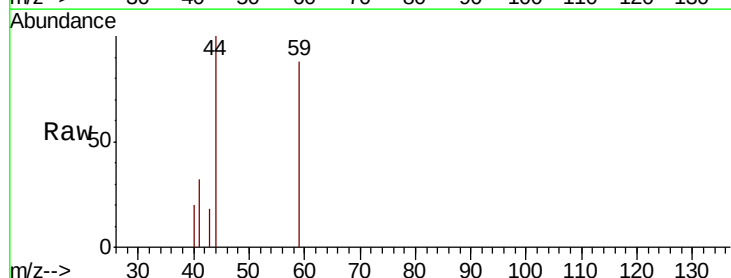
Instrument :
MSVOA_U
ClientSampleId :
TP-1-S

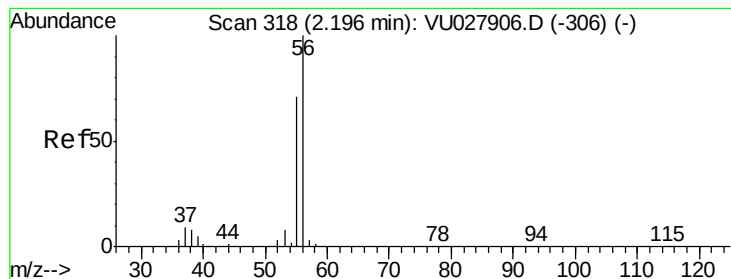
Tot Ion:142 Resp: 64
Ion Ratio Lower Upper
142 100
127 0.0 35.2 52.8#
141 0.0 11.8 17.8#



#11
Tert butyl alcohol
Concen: 1.530 ug/l
RT: 2.83 min Scan# 516
Delta R.T. -0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Tgt Ion: 59 Resp: 1133
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: Below Cal

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

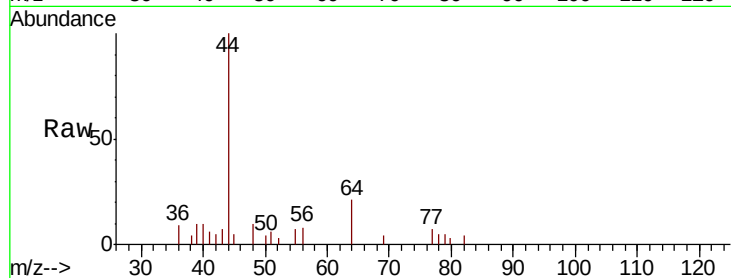
TP-1-S

Tot Ion: 56 Resp: 289

Ion Ratio Lower Upper

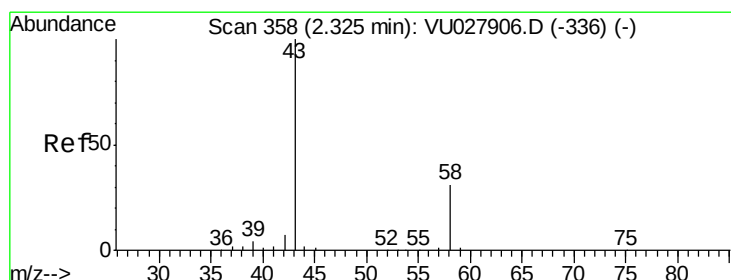
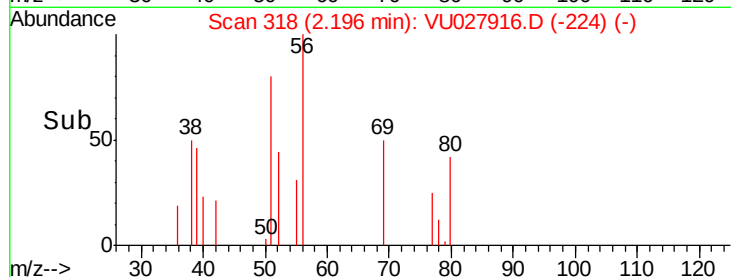
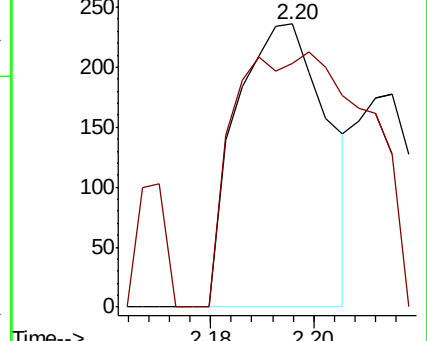
56 100

55 132.5 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#16

Acetone

Concen: 11.642 ug/l

RT: 2.32 min Scan# 358

Delta R.T. -0.00 min

Lab File: VU027916.D

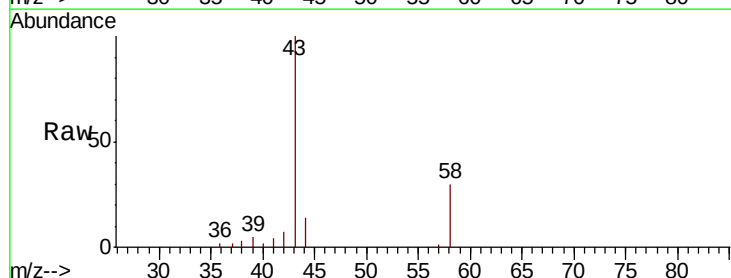
Acq: 02 Nov 2018 11:20

Tgt Ion: 43 Resp: 20208

Ion Ratio Lower Upper

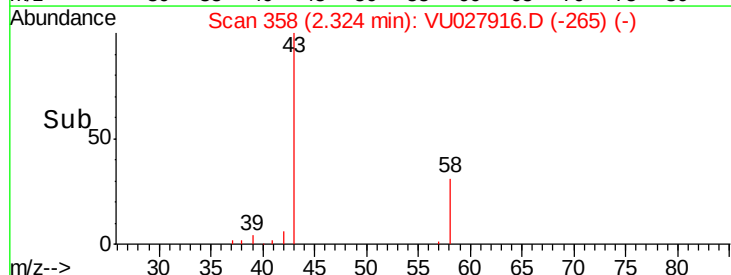
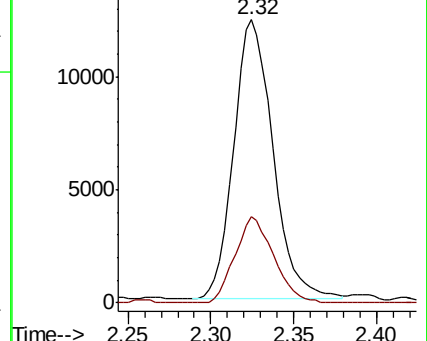
43 100

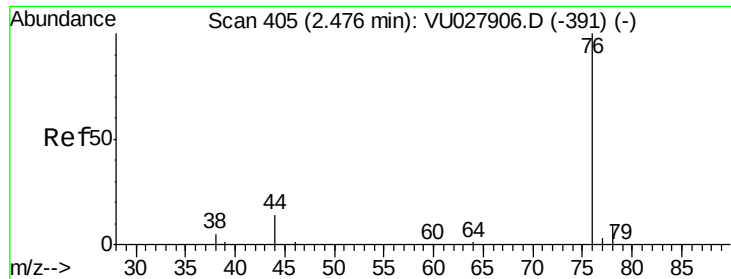
58 30.9 24.6 37.0



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#17

Carbon Disulfide

Concen: 0.273 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

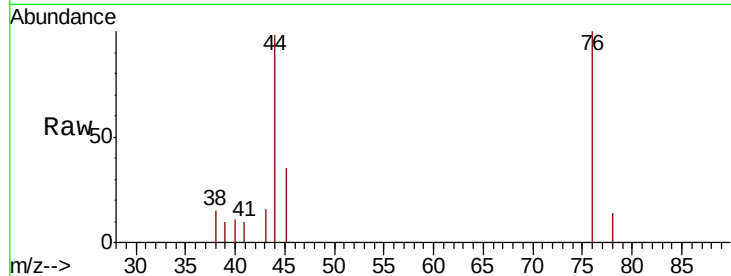
TP-1-S

Tot Ion: 76 Resp: 1760

Ion Ratio Lower Upper

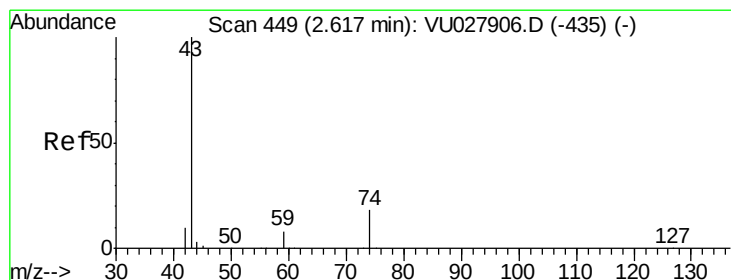
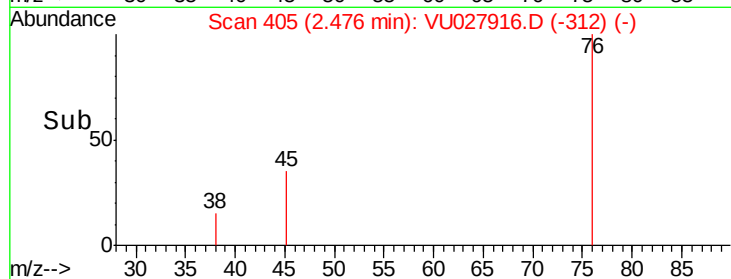
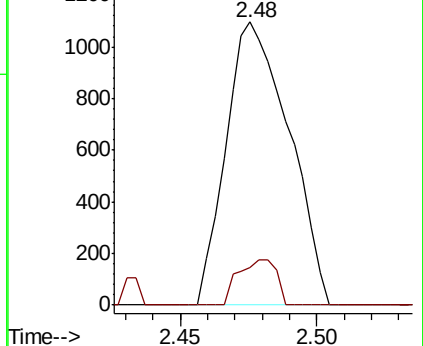
76 100

78 13.5 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VU027916.D (-312) (-)

Ion 77.90 (77.60 to 78.60): VU027916.D (-312) (-)



#18

Methyl Acetate

Concen: 0.900 ug/l

RT: 2.62 min Scan# 451

Delta R.T. 0.01 min

Lab File: VU027916.D

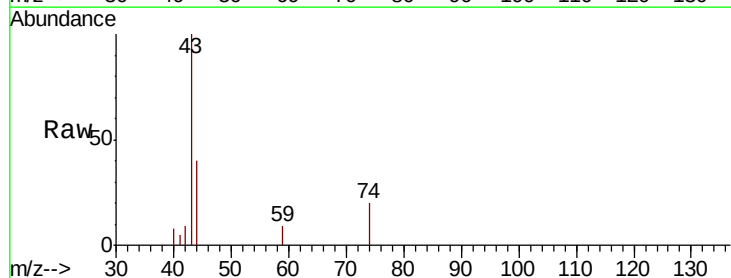
Acq: 02 Nov 2018 11:20

Tgt Ion: 43 Resp: 4298

Ion Ratio Lower Upper

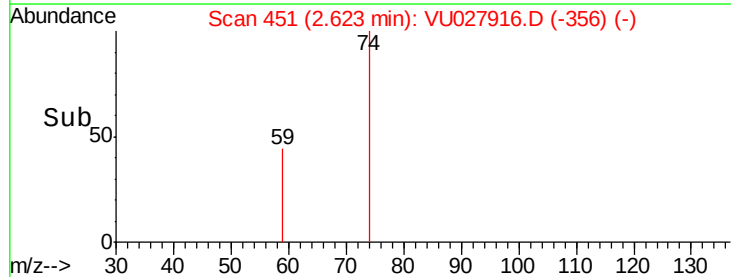
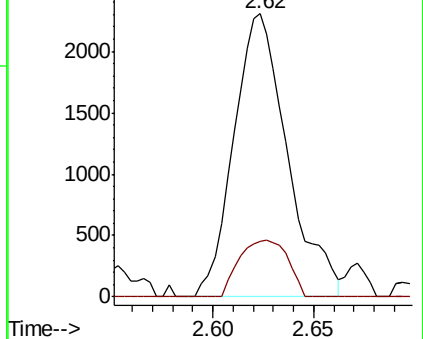
43 100

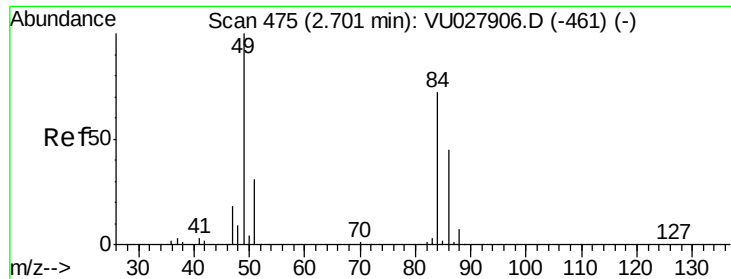
74 18.2 14.9 22.3



Abundance Ion 43.00 (42.70 to 43.70): VU027916.D (-356) (-)

Ion 74.00 (73.70 to 74.70): VU027916.D (-356) (-)





#20

Methylene Chloride

Concen: 1.649 ug/l

RT: 2.70 min Scan# 476

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

Tot Ion: 84 Resp: 4179

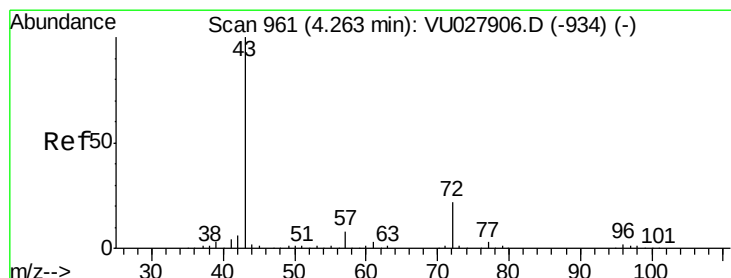
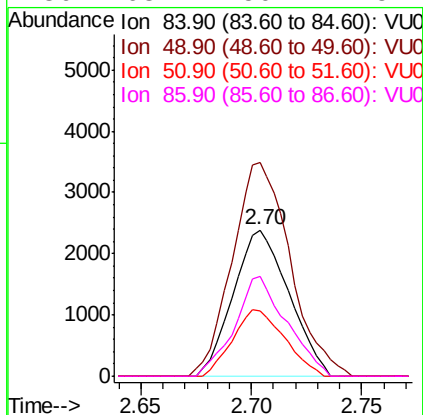
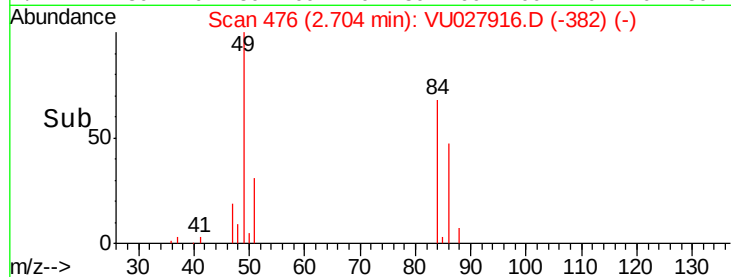
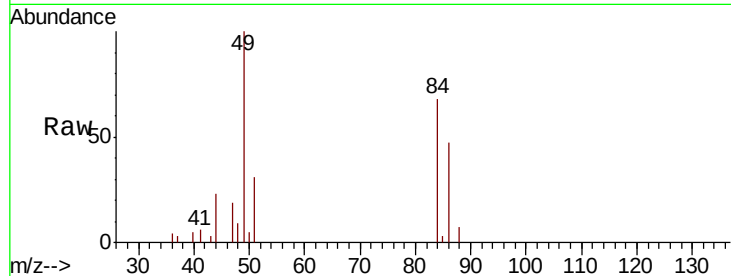
Ion Ratio Lower Upper

84 100

49 146.2 111.6 167.4

51 44.9 34.8 52.2

86 68.7 50.1 75.1



#25

2-Butanone

Concen: 1.339 ug/l

RT: 4.30 min Scan# 971

Delta R.T. 0.03 min

Lab File: VU027916.D

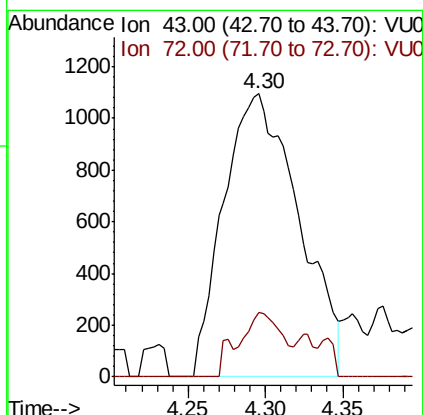
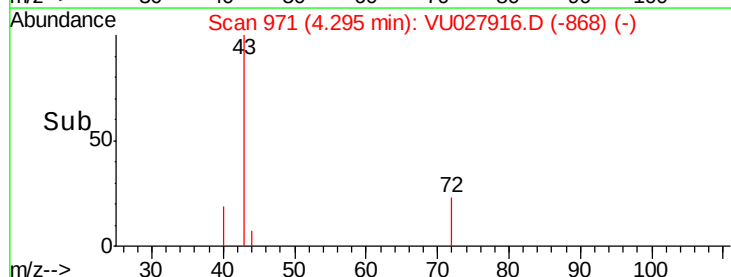
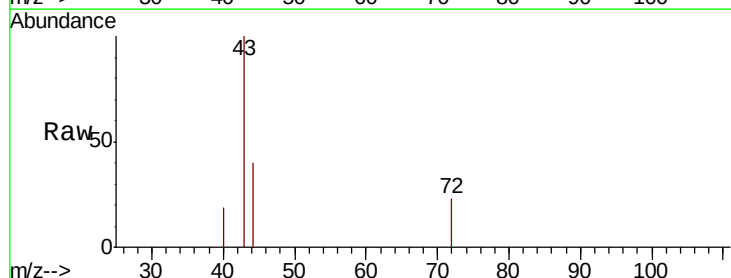
Acq: 02 Nov 2018 11:20

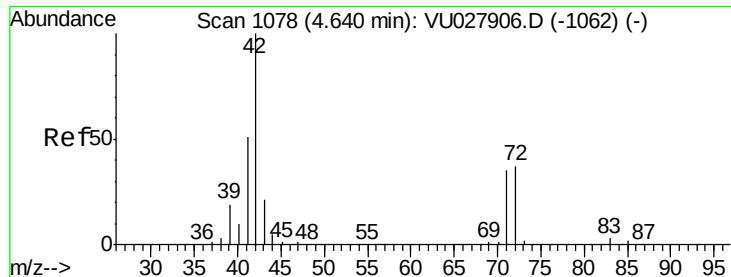
Tgt Ion: 43 Resp: 3697

Ion Ratio Lower Upper

43 100

72 22.6 17.7 26.5





#29

Tetrahydrofuran

Concen: 0.773 ug/l

RT: 4.66 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

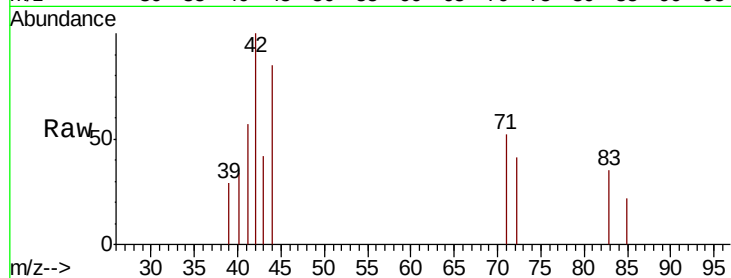
Tot Ion: 42 Resp: 1426

Ion Ratio Lower Upper

42 100

72 32.0 29.4 44.0

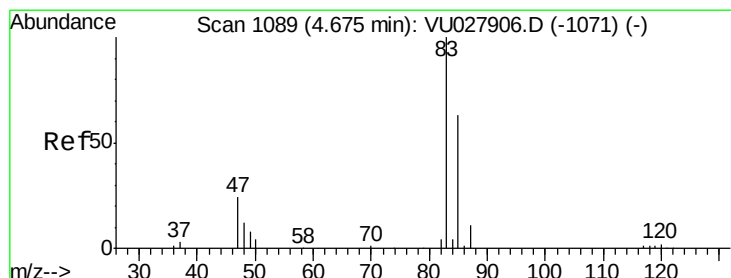
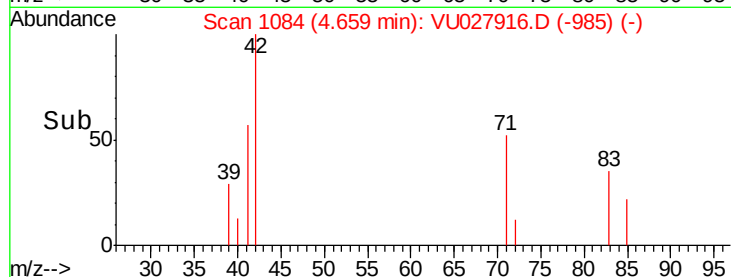
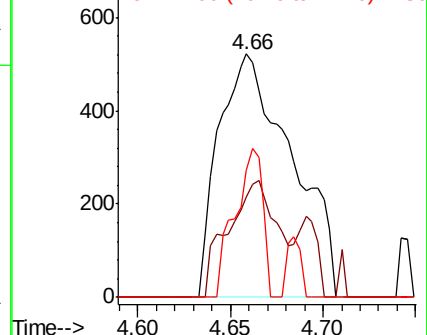
71 23.5 27.9 41.9#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#30

Chloroform

Concen: 0.218 ug/l

RT: 4.68 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VU027916.D

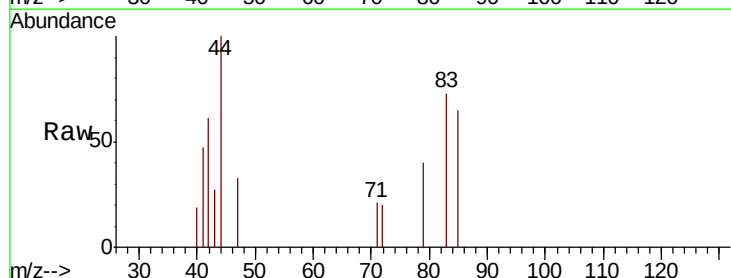
Acq: 02 Nov 2018 11:20

Tgt Ion: 83 Resp: 989

Ion Ratio Lower Upper

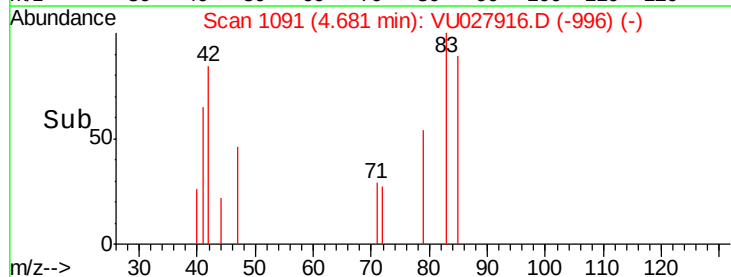
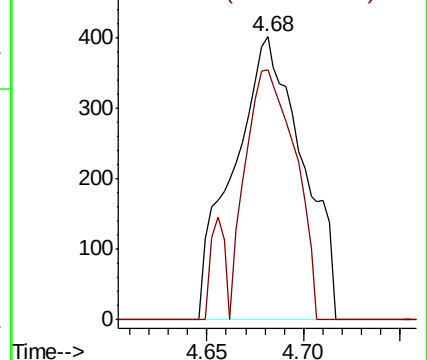
83 100

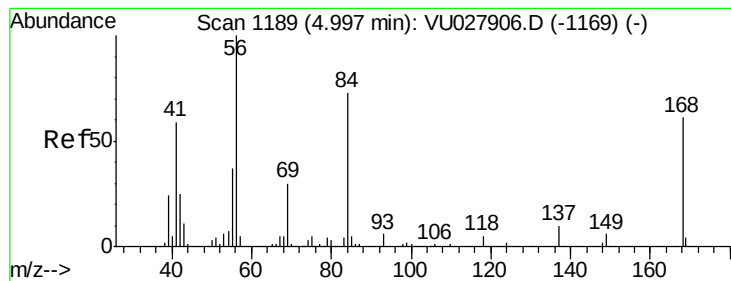
85 88.5 50.6 76.0#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0





#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

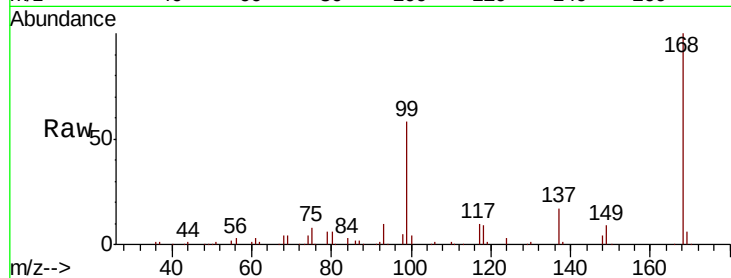
Tot Ion: 56 Resp: 4949

Ion Ratio Lower Upper

56 100

69 163.3 23.7 35.5#

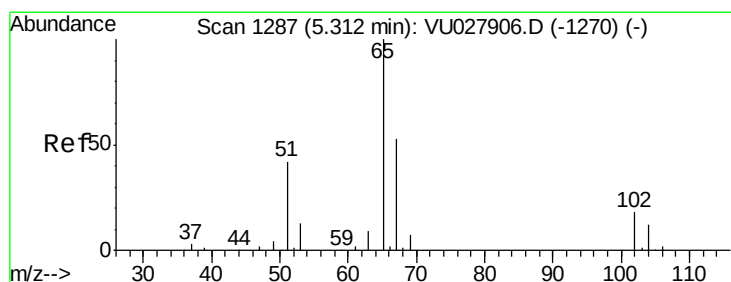
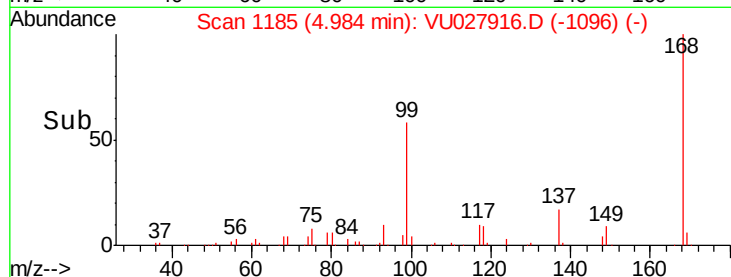
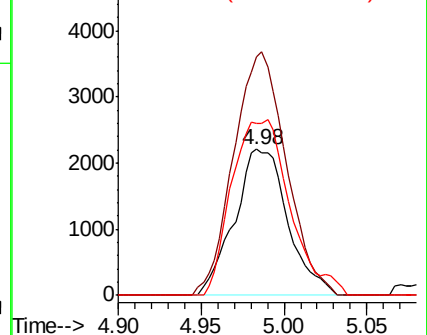
84 118.1 58.2 87.4#



Abundance Ion 56.00 (55.70 to 56.70): VU027916.D (-1169) (-)

Ion 69.00 (68.70 to 69.70): VU027916.D (-1169) (-)

Ion 84.00 (83.70 to 84.70): VU027916.D (-1169) (-)



#33

1,2-Dichloroethane-d4

Concen: 50.720 ug/l

RT: 5.31 min Scan# 1287

Delta R.T. -0.00 min

Lab File: VU027916.D

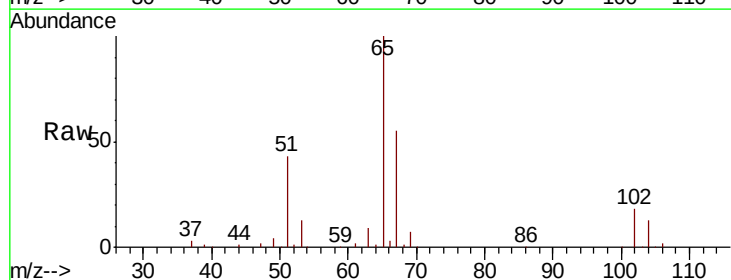
Acq: 02 Nov 2018 11:20

Tgt Ion: 65 Resp: 141900

Ion Ratio Lower Upper

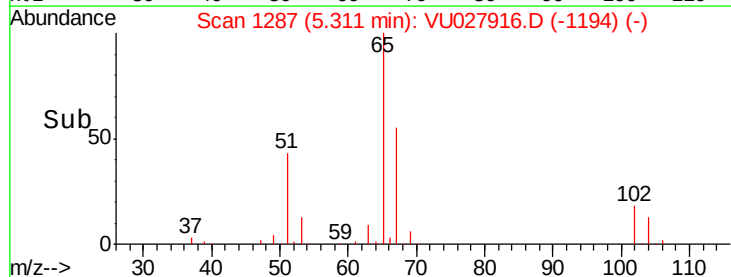
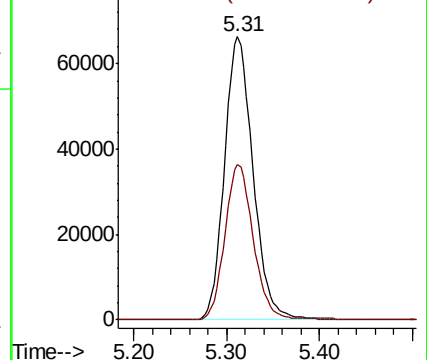
65 100

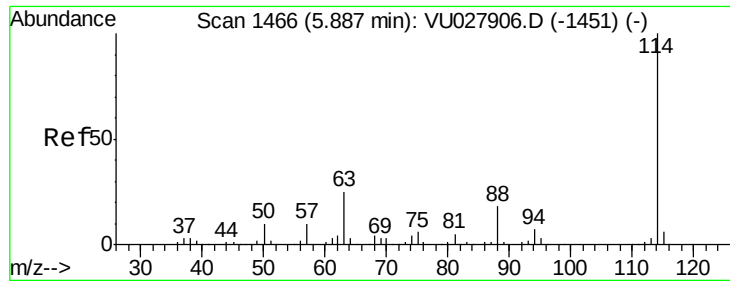
67 54.3 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VU027916.D (-1194) (-)

Ion 66.90 (66.60 to 67.60): VU027916.D (-1194) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

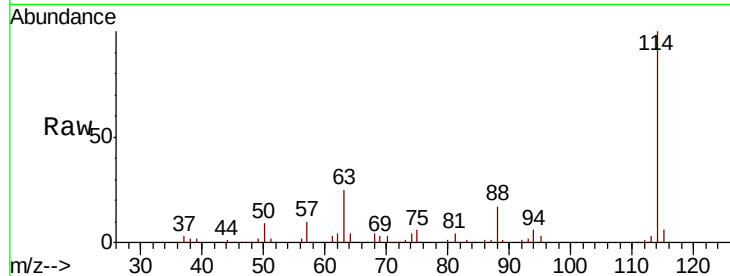
Tot Ion:114 Resp: 327732

Ion Ratio Lower Upper

114 100

63 24.7 0.0 50.8

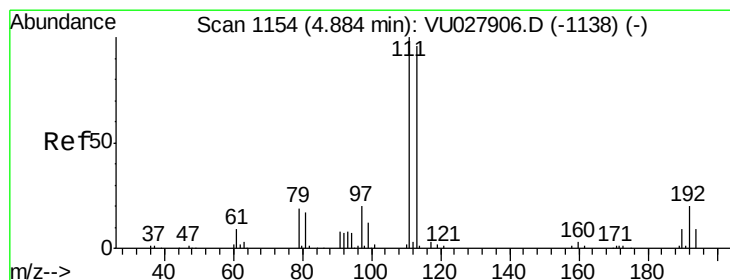
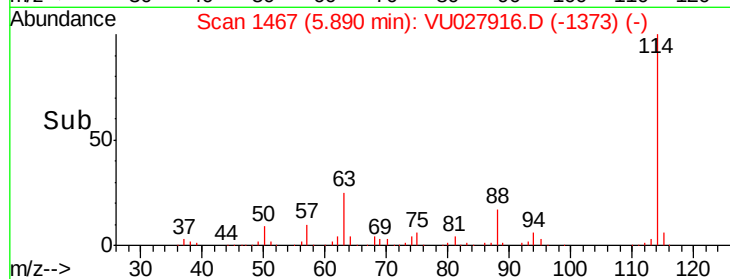
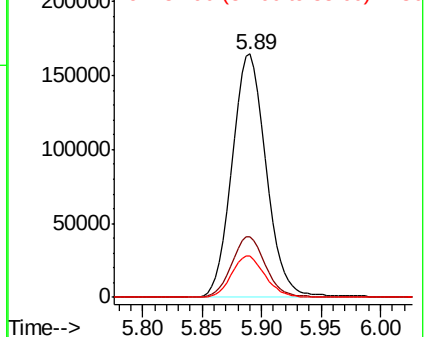
88 16.8 0.0 35.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 51.972 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. -0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

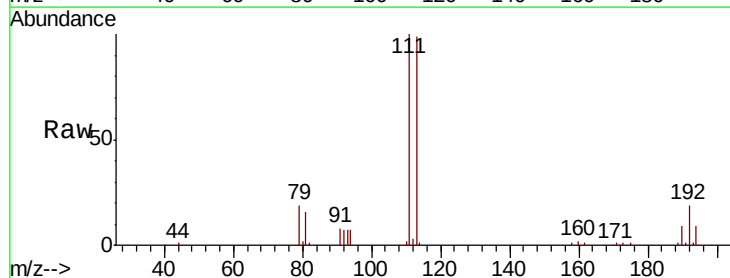
Tgt Ion:113 Resp: 107396

Ion Ratio Lower Upper

113 100

111 102.5 83.0 124.6

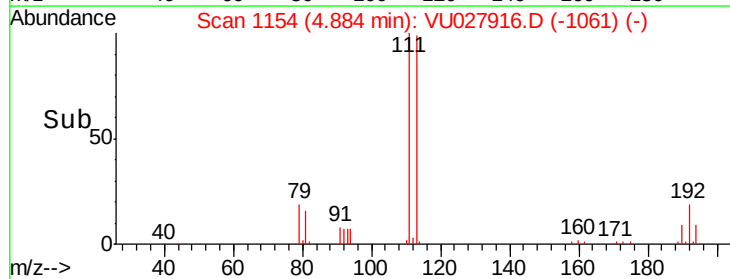
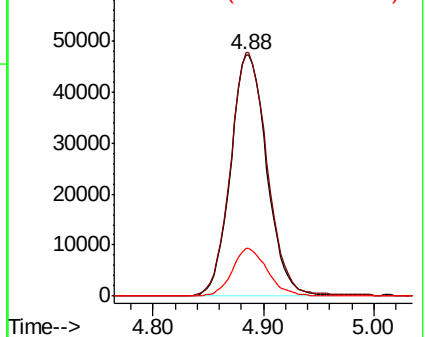
192 19.2 15.6 23.4

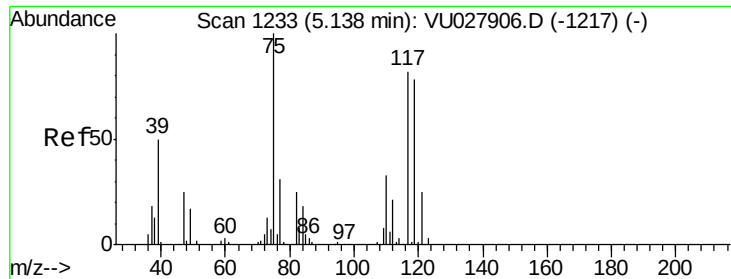


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

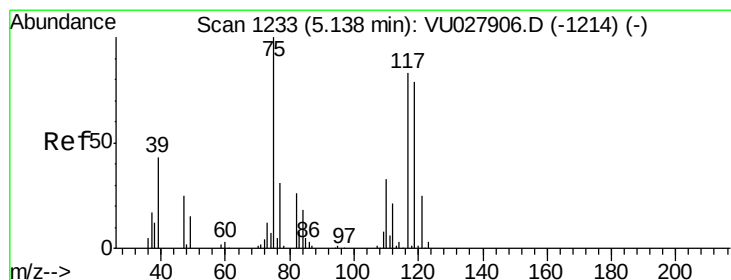
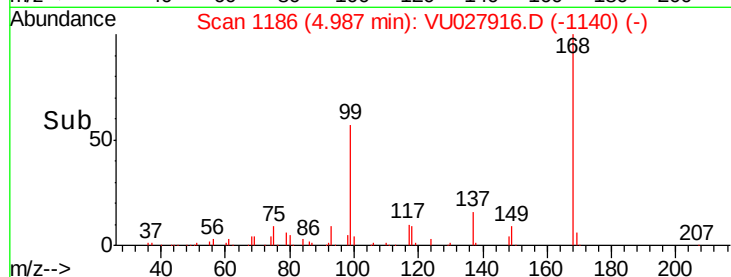
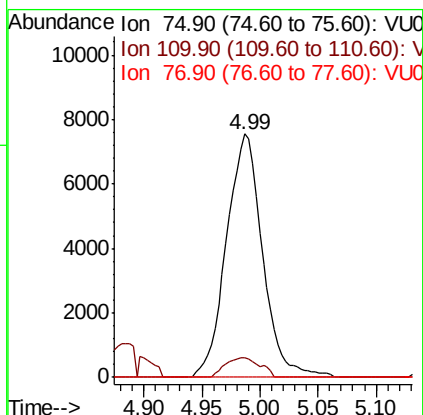
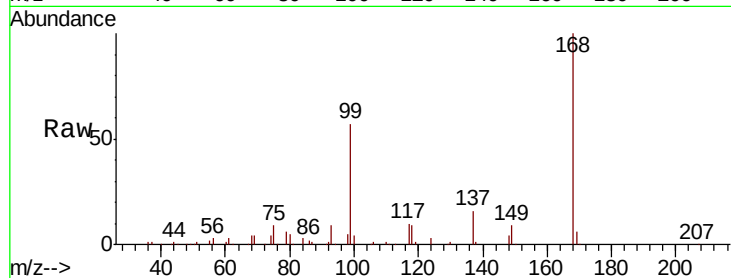




#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027916.D
 Acq: 02 Nov 2018 11:20

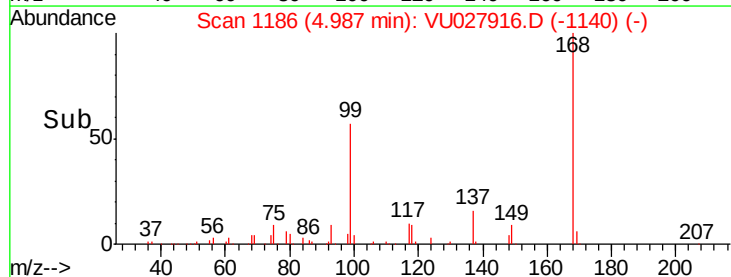
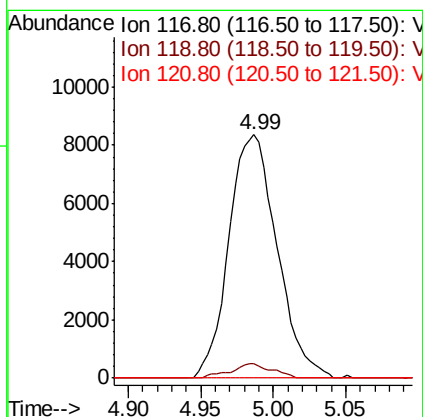
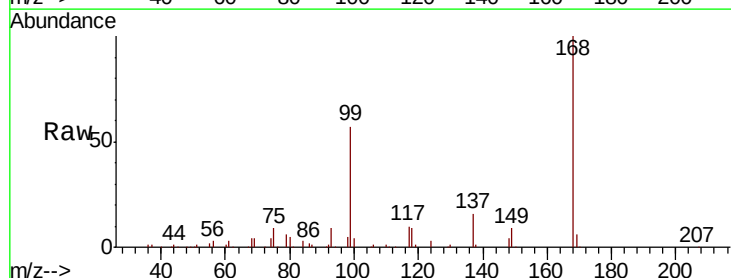
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1-S

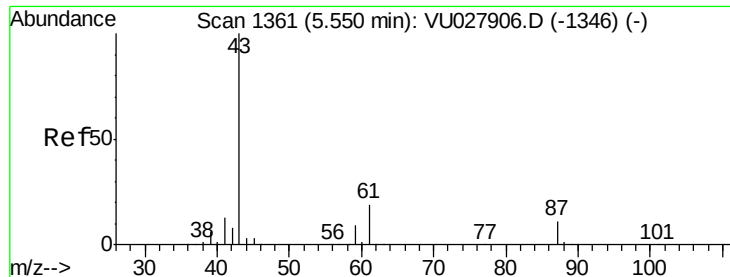
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	16.5	49.5#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.327 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027916.D
 Acq: 02 Nov 2018 11:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	76.0	114.0#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 22.984 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

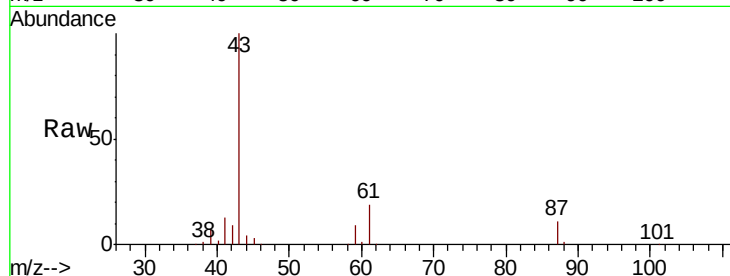
Tot Ion: 43 Resp: 181099

Ion Ratio Lower Upper

43 100

61 18.6 15.0 22.4

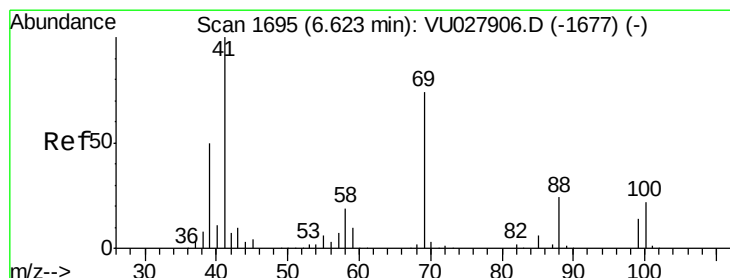
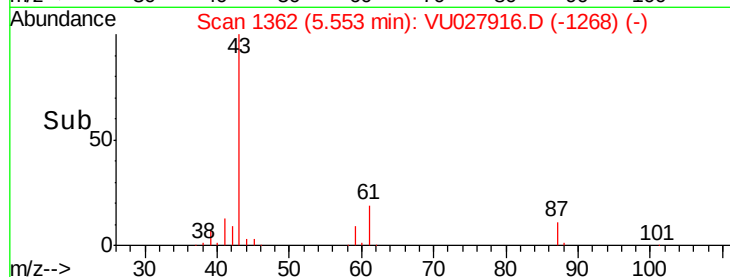
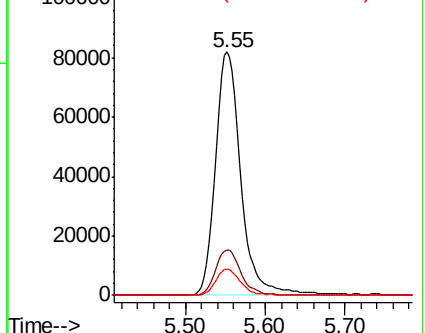
87 10.4 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0



#48

Methyl methacrylate

Concen: 1.967 ug/l

RT: 6.55 min Scan# 1671

Delta R.T. -0.08 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

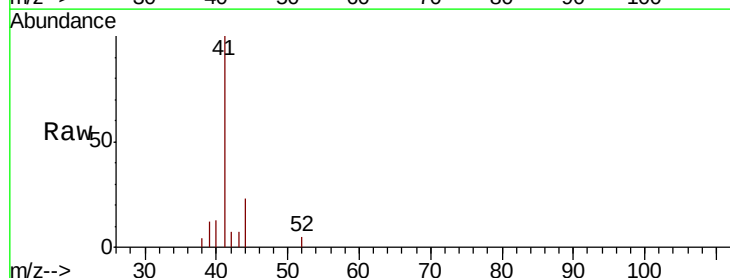
Tgt Ion: 41 Resp: 7594

Ion Ratio Lower Upper

41 100

69 0.0 59.8 89.8#

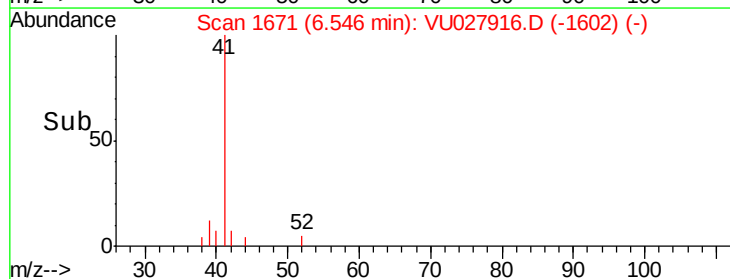
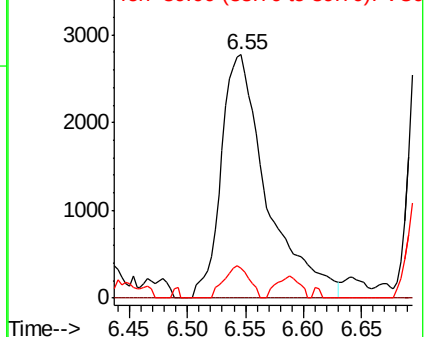
39 7.1 40.0 60.0#

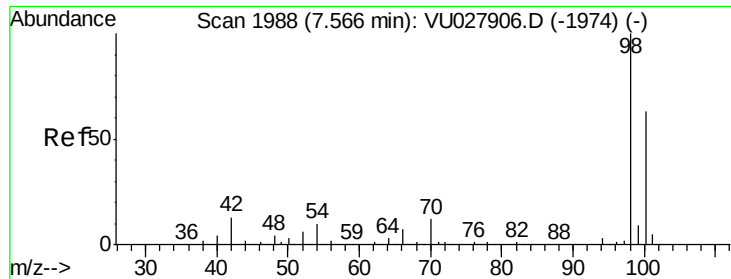


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

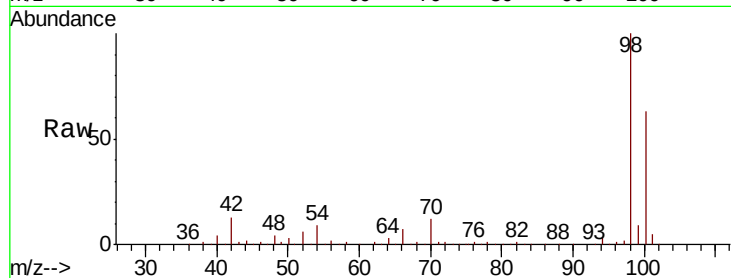




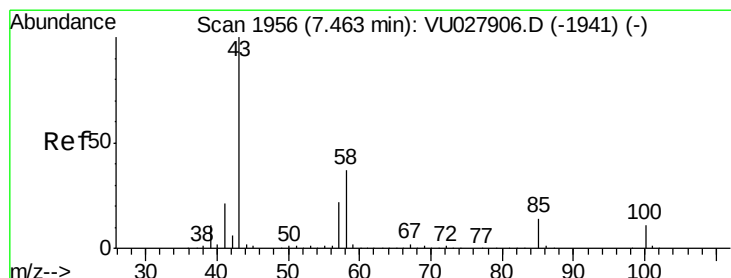
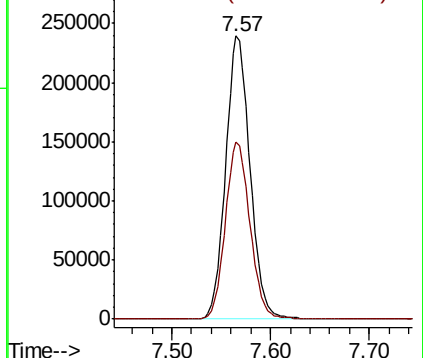
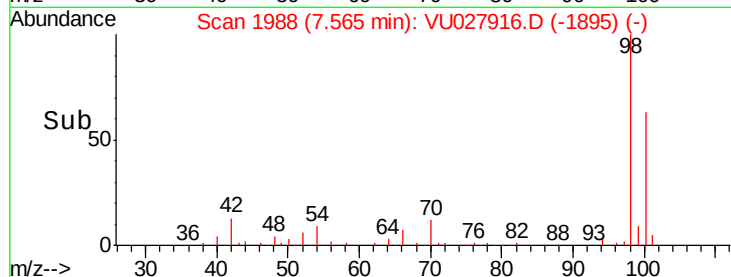
#50
Toluene-d8
Concen: 52.099 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. -0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
TP-1-S

Tot Ion: 98 Resp: 415868
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1

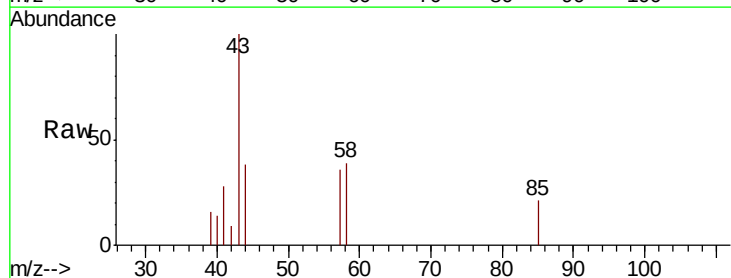


Abundance Ion 98.00 (97.70 to 98.70): VU027916.D (-1895) (-)
Ion 100.00 (99.70 to 100.70): VU027916.D (-1895) (-)

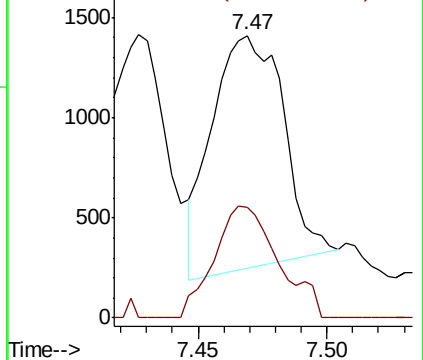
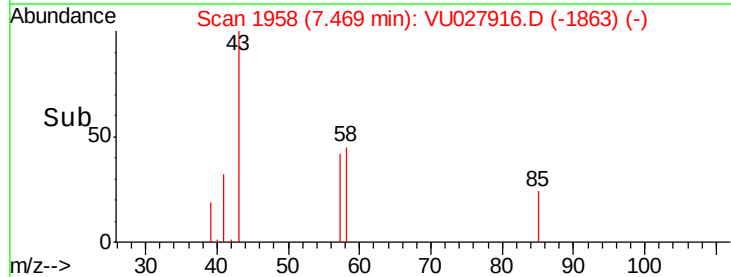


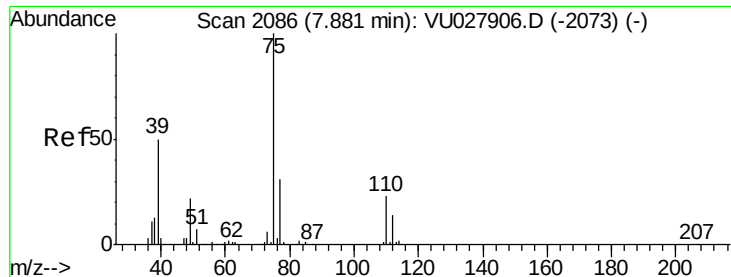
#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.01 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Tgt Ion: 43 Resp: 2255
Ion Ratio Lower Upper
43 100
58 43.0 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VU027916.D (-1863) (-)
Ion 58.00 (57.70 to 58.70): VU027916.D (-1863) (-)

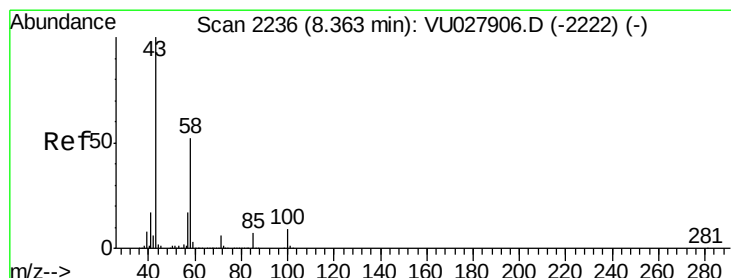
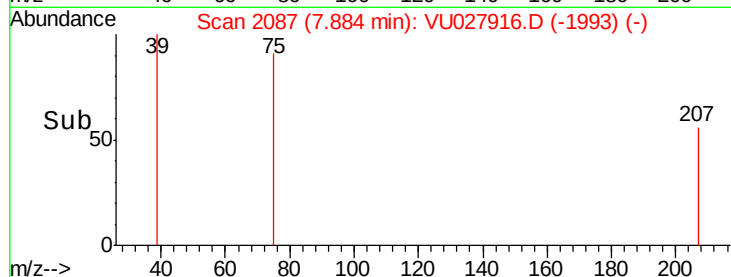
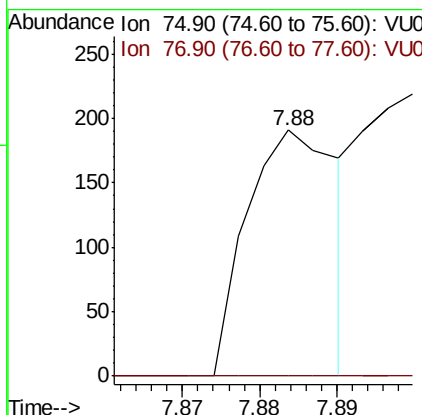
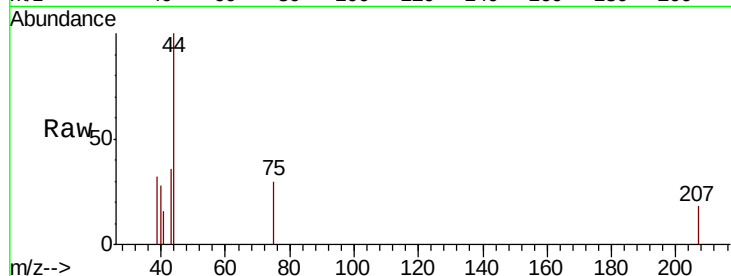




#53
t-1,3-Dichloropropene
Concen: 1.155 ug/l
RT: 7.88 min Scan# 2087
Delta R.T. 0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

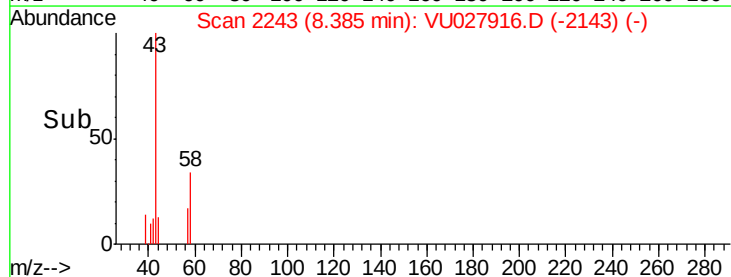
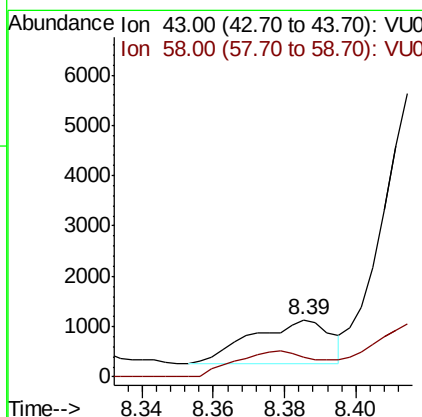
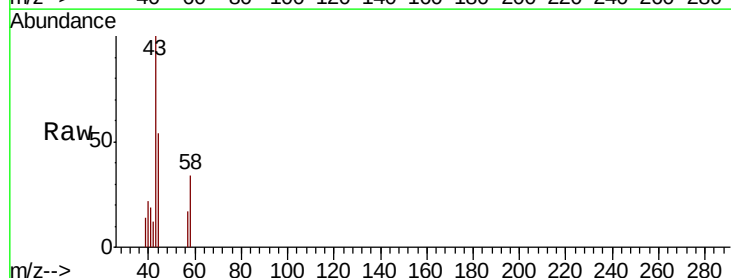
Instrument :
MSVOA_U
ClientSampleId :
TP-1-S

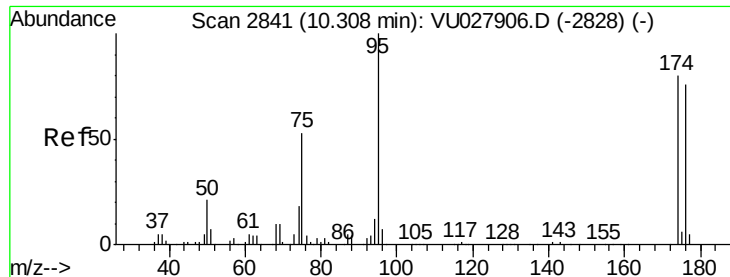
Tot Ion: 75 Resp: 156
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#59
2-Hexanone
Concen: 0.324 ug/l
RT: 8.39 min Scan# 2243
Delta R.T. 0.02 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Tgt Ion: 43 Resp: 1318
Ion Ratio Lower Upper
43 100
58 64.4 25.8 77.3

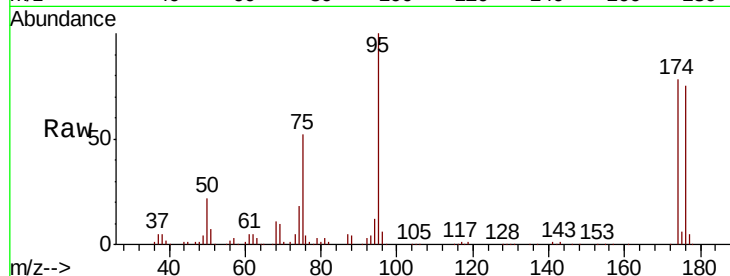




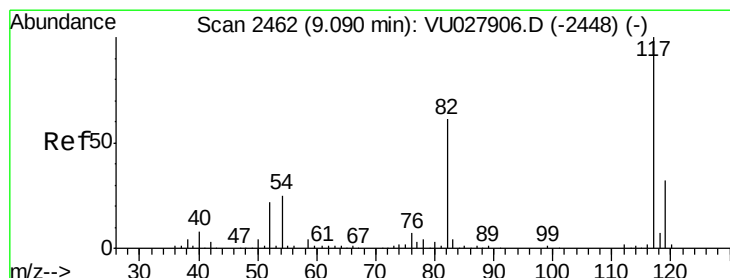
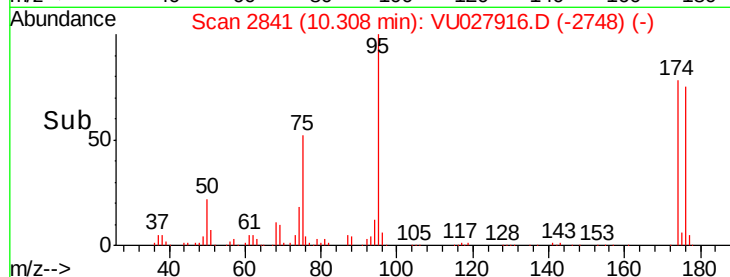
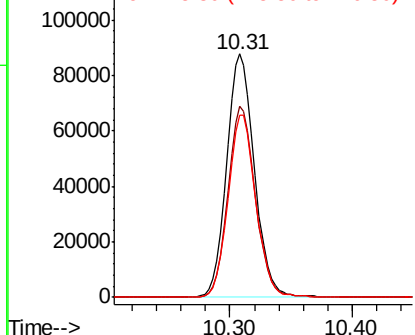
#62
4-Bromofluorobenzene
Concen: 47.472 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
TP-1-S

Tot Ion: 95 Resp: 139768
Ion Ratio Lower Upper
95 100
174 77.5 0.0 156.4
176 75.2 0.0 150.8

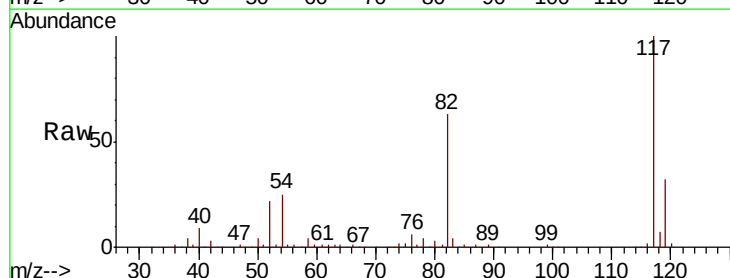


Abundance Ion 94.90 (94.60 to 95.60): VU027916.D (-2748) (-)
Ion 173.80 (173.50 to 174.50): VU027916.D (-2748) (-)
Ion 175.80 (175.50 to 176.50): VU027916.D (-2748) (-)

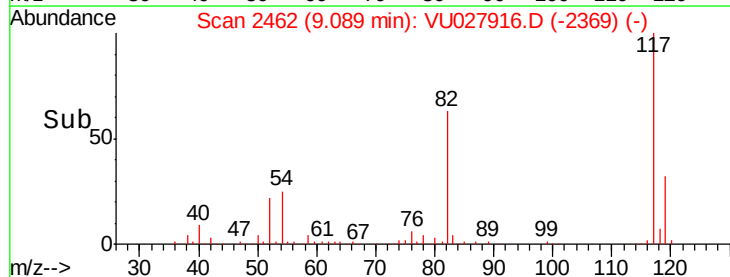
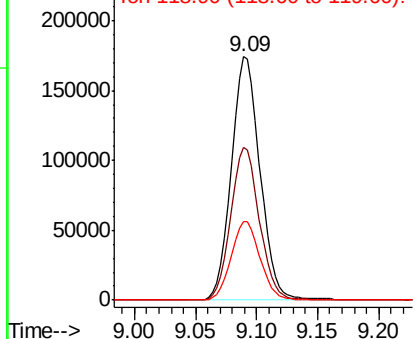


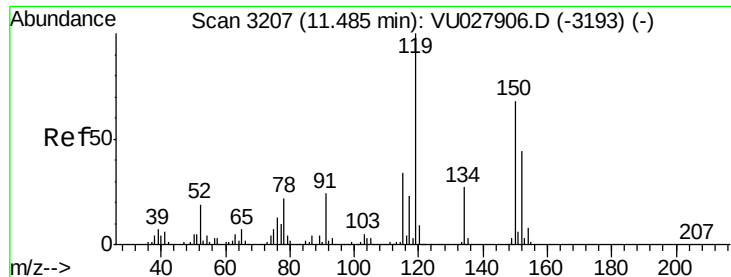
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Tgt Ion: 117 Resp: 284809
Ion Ratio Lower Upper
117 100
82 63.0 48.6 73.0
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU027916.D (-2369) (-)
Ion 82.00 (81.70 to 82.70): VU027916.D (-2369) (-)
Ion 118.90 (118.60 to 119.60): VU027916.D (-2369) (-)



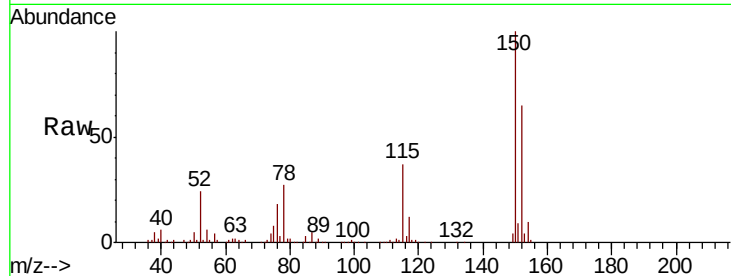


#72

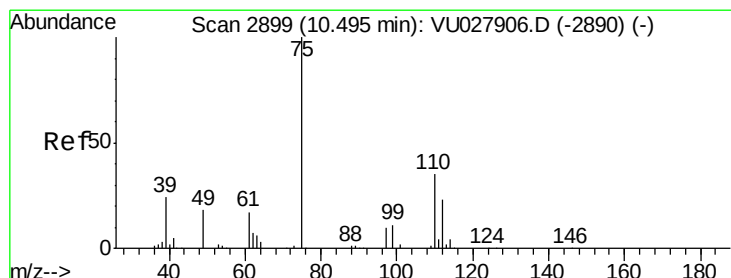
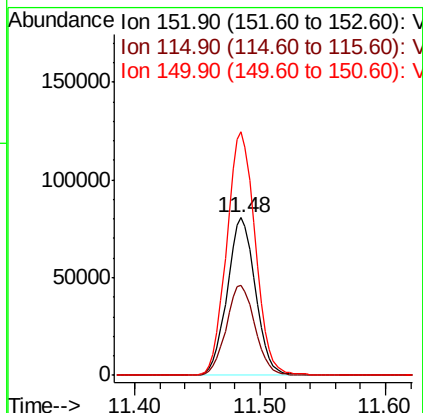
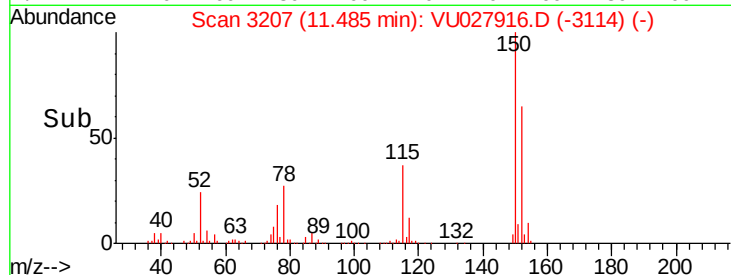
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Instrument :
MSVOA_U
ClientSampleId :
TP-1-S

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.4	43.0	129.0
150	156.6	0.0	349.4



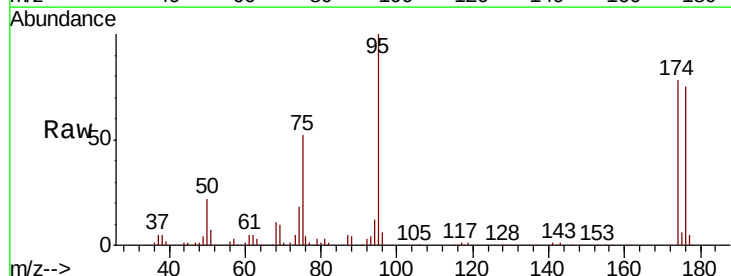
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



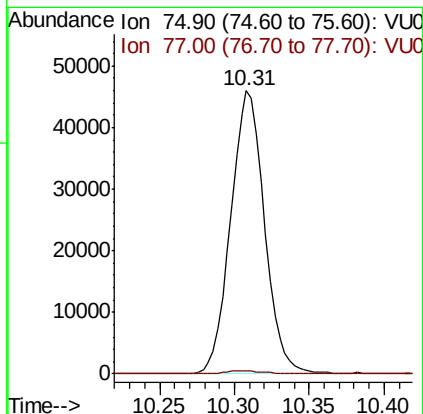
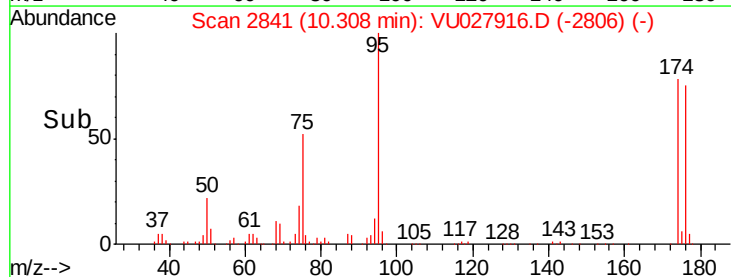
#76

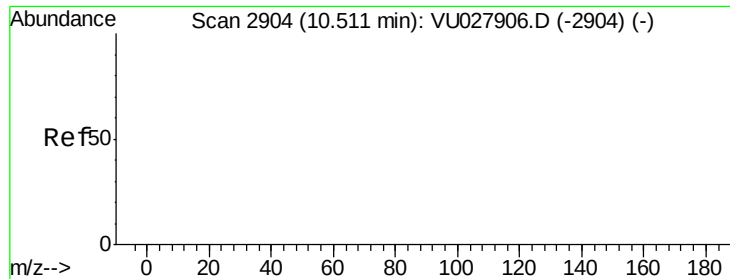
1,2,3-Trichloropropane
Concen: 21.038 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.19 min
Lab File: VU027916.D
Acq: 02 Nov 2018 11:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	21.6	64.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0





#81

trans-1,4-Dichloro-2-butene

Concen: 52.515 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampleId :

TP-1-S

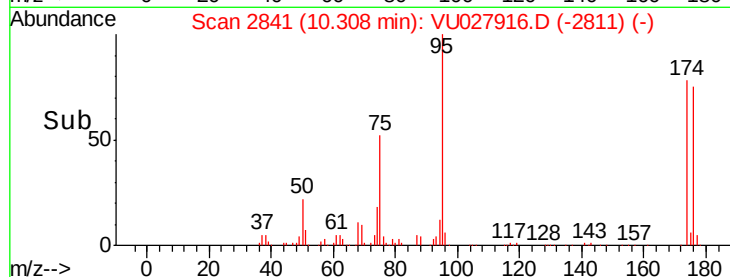
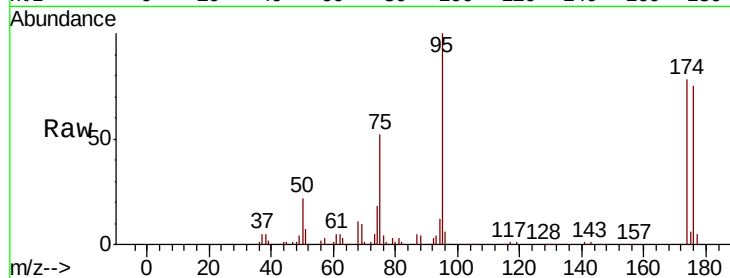
Tot Ion: 75 Resp: 72302

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

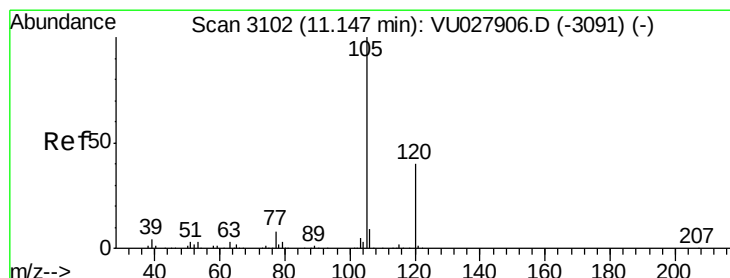
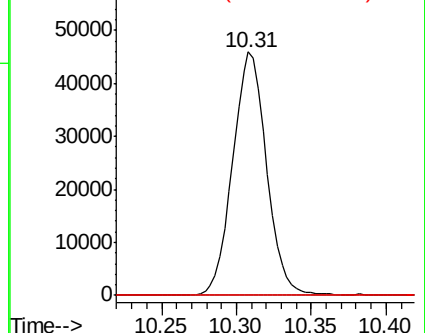
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 0.304 ug/l

RT: 11.15 min Scan# 3103

Delta R.T. 0.00 min

Lab File: VU027916.D

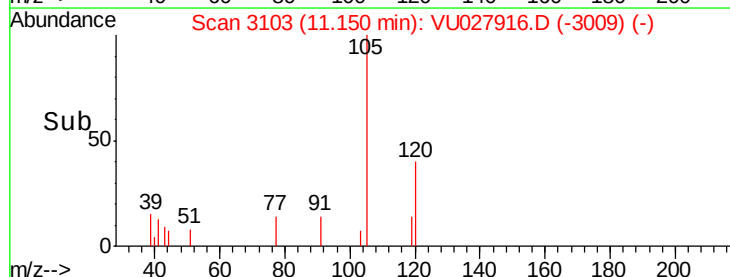
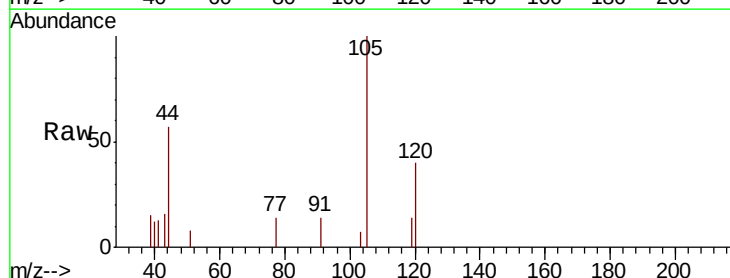
Acq: 02 Nov 2018 11:20

Tgt Ion: 105 Resp: 2472

Ion Ratio Lower Upper

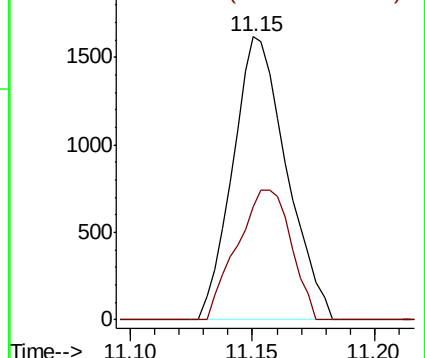
105 100

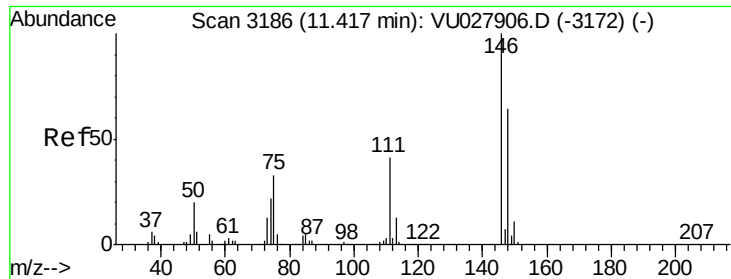
120 46.0 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#87

1,3-Dichlorobenzene

Concen: 0.204 ug/l

RT: 11.42 min Scan# 3188

Delta R.T. 0.01 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

TP-1-S

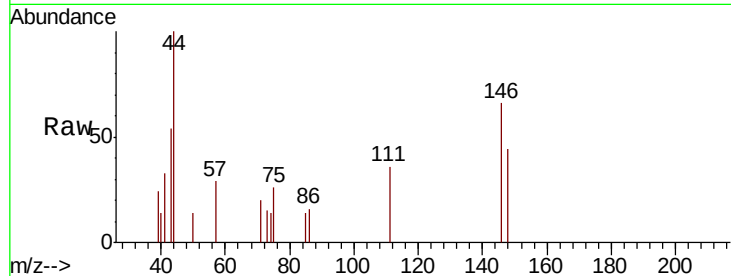
Tot Ion:146 Resp: 841

Ion Ratio Lower Upper

146 100

111 51.4 20.3 61.0

148 71.1 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

11.42

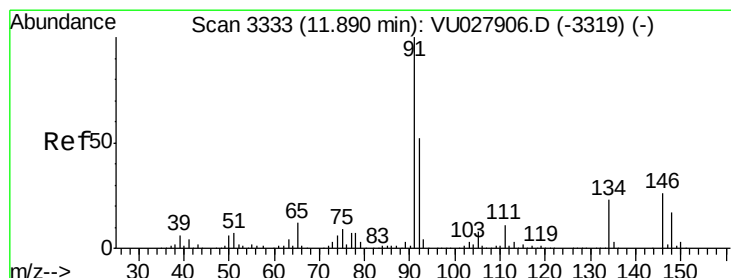
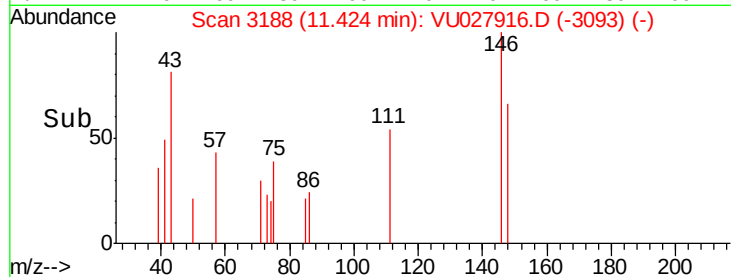
400

200

0

11.40 11.45

Time-->



#89

n-Butylbenzene

Concen: 0.323 ug/l

RT: 11.89 min Scan# 3334

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

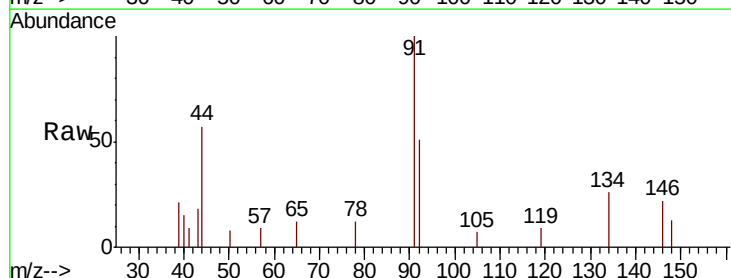
Tgt Ion: 91 Resp: 2512

Ion Ratio Lower Upper

91 100

92 42.0 26.2 78.5

134 15.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V

11.89

1500

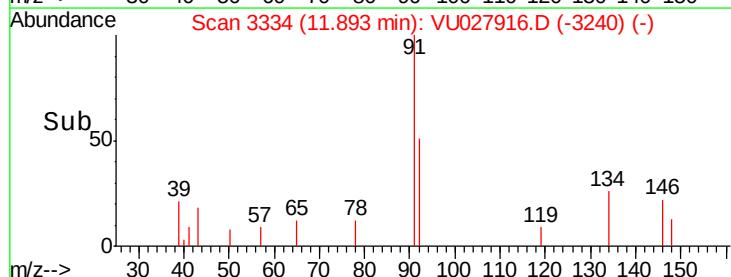
1000

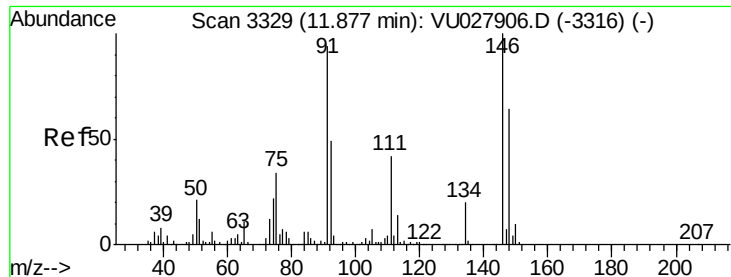
500

0

11.85 11.90 11.95

Time-->

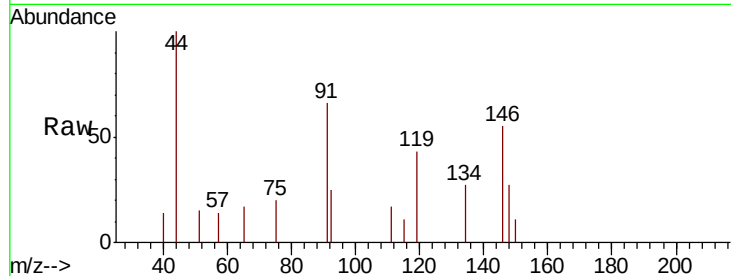




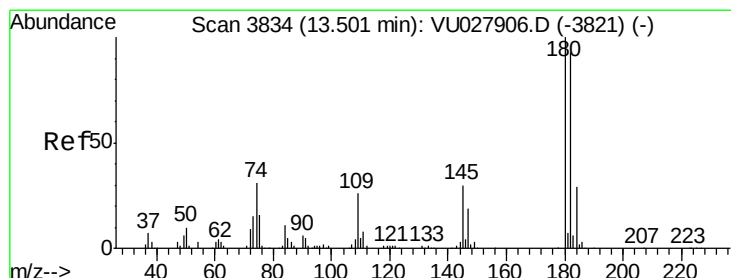
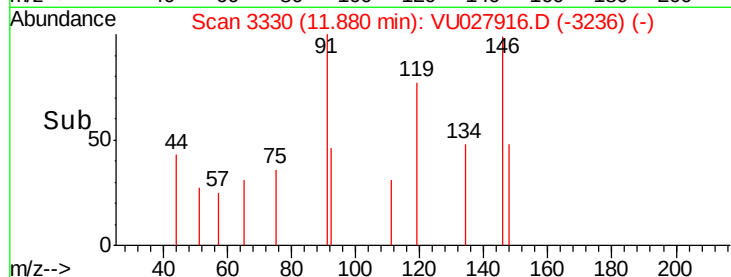
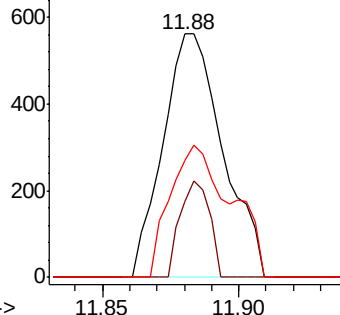
#91
 1,2-Dichlorobenzene
 Concen: 0.207 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027916.D
 Acq: 02 Nov 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1-S

Tot Ion:146 Resp: 857
 Ion Ratio Lower Upper
 146 100
 111 19.0 21.3 64.0#
 148 55.1 31.8 95.3

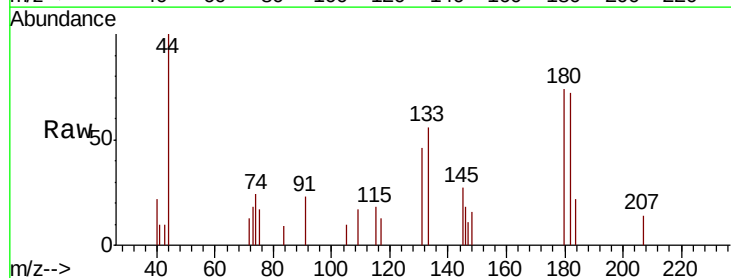


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

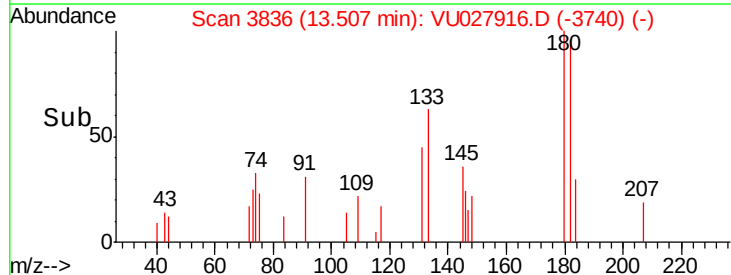
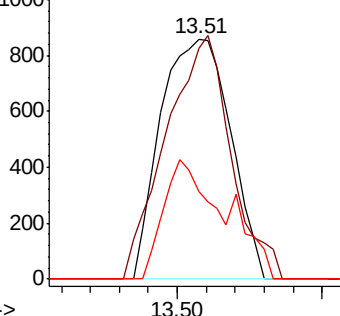


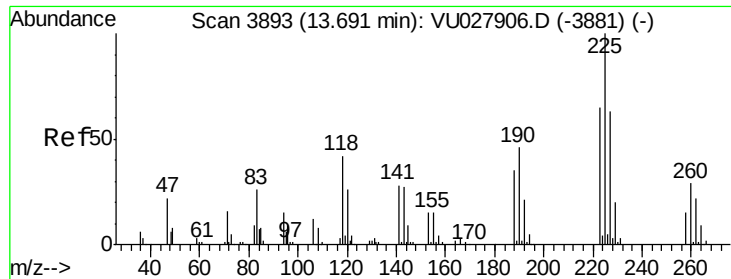
#93
 1,2,4-Trichlorobenzene
 Concen: 1.171 ug/l
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.01 min
 Lab File: VU027916.D
 Acq: 02 Nov 2018 11:20

Tgt Ion:180 Resp: 1435
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.4 145.2
 145 43.6 14.9 44.5



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 0.294 ug/l

RT: 13.69 min Scan# 3894

Delta R.T. 0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

Instrument :

MSVOA_U

ClientSampled :

TP-1-S

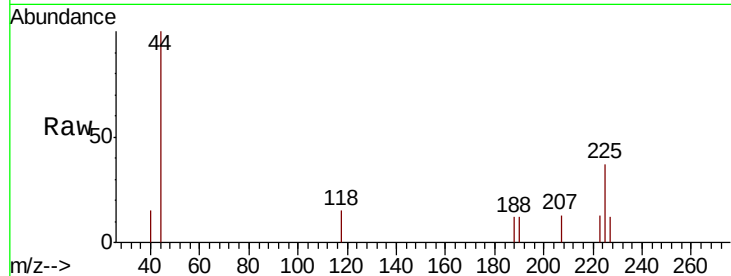
Tot Ion:225 Resp: 388

Ion Ratio Lower Upper

225 100

223 64.2 32.2 96.6

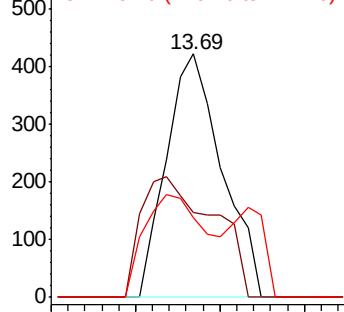
227 47.7 32.5 97.4



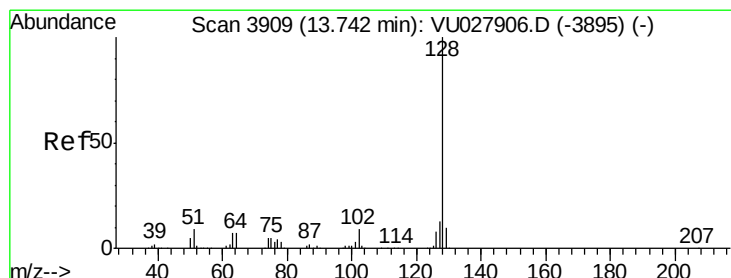
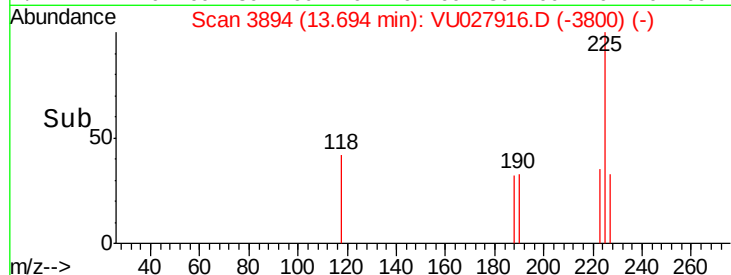
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time--> 13.66 13.68 13.70 13.72



#95

Naphthalene

Concen: 18.267 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. -0.00 min

Lab File: VU027916.D

Acq: 02 Nov 2018 11:20

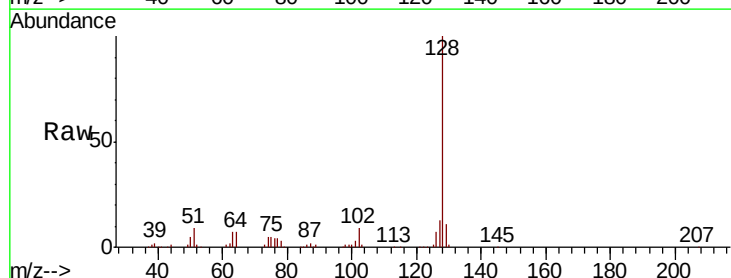
Tgt Ion:128 Resp: 189445

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

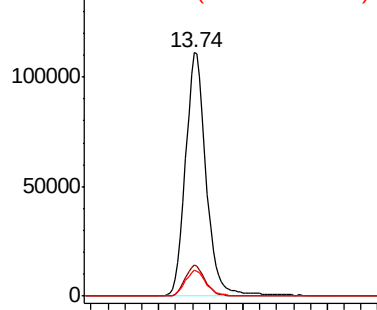
129 10.8 8.3 12.5



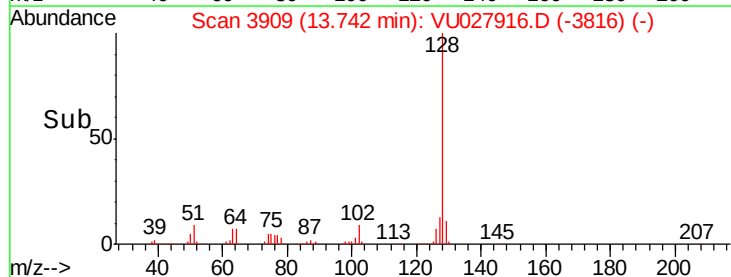
Abundance Ion 128.00 (127.70 to 128.70): V

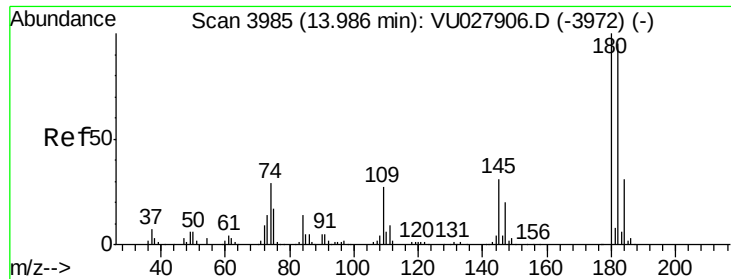
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.70 13.80 13.90





#96
 1,2,3-Trichlorobenzene
 Concen: 0.541 ug/l
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027916.D
 Acq: 02 Nov 2018 11:20

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-1-S

Tot Ion	Ratio	Lower	Upper
180	100		
182	87.0	47.4	142.3
145	45.5	16.0	47.9

