

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100218\
 Data File : VU027340.D
 Acq On : 02 Oct 2018 11:28
 Operator : MD/SY
 Sample : PB113364ZHE#01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PB113364ZHE#01

Quant Time: Oct 03 02:04:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	94553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	163248	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	155320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	68957	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	94982	60.16	ug/l	0.00
Spiked Amount			Recovery	=	120.32%	
35) Dibromofluoromethane	4.88	113	66886	59.78	ug/l	0.00
Spiked Amount			Recovery	=	119.56%	
50) Toluene-d8	7.57	98	255482	61.01	ug/l	0.00
Spiked Amount			Recovery	=	122.02%	
62) 4-Bromofluorobenzene	10.31	95	82118	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

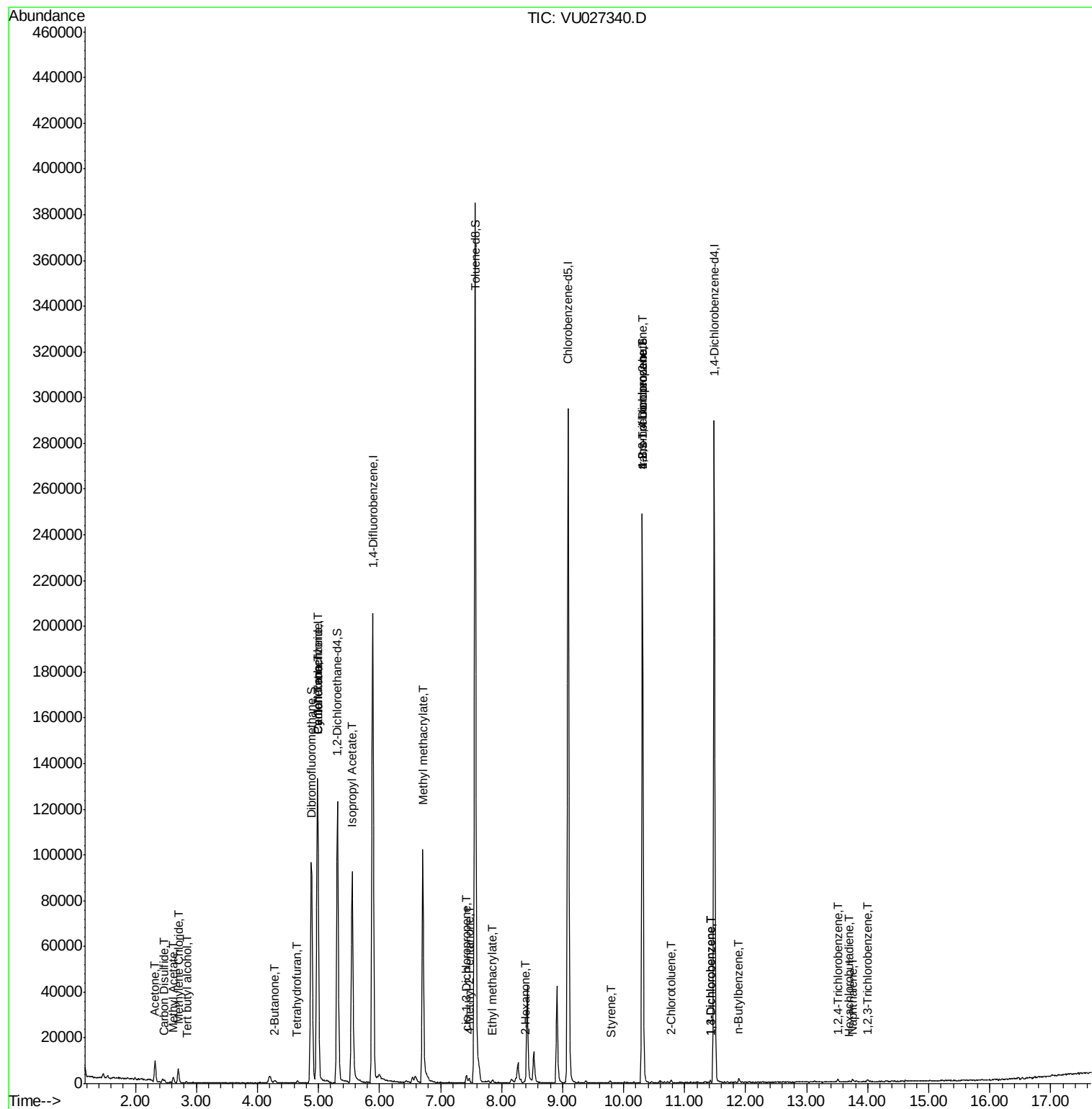
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	2.84	59	333	1.002	ug/l #	72
16) Acetone	2.32	43	10463	11.218	ug/l	99
17) Carbon Disulfide	2.48	76	1075	0.298	ug/l #	75
18) Methyl Acetate	2.62	43	3238	1.522	ug/l #	83
20) Methylene Chloride	2.70	84	2612	2.010	ug/l	90
25) 2-Butanone	4.29	43	1910	1.502	ug/l #	74
29) Tetrahydrofuran	4.66	42	882	1.100	ug/l #	48
31) Cyclohexane	4.98	56	2425	0.723	ug/l #	1
38) Carbon Tetrachloride	4.99	117	9733	6.079	ug/l #	18
43) Isopropyl Acetate	5.55	43	110214	30.978	ug/l	99
48) Methyl methacrylate	6.71	41	10010	5.658	ug/l #	45
51) 4-Methyl-2-Pentanone	7.47	43	1826	0.790	ug/l #	79
54) cis-1,3-Dichloropropene	7.42	75	552	0.251	ug/l #	60
56) Ethyl methacrylate	7.84	69	105	2.315	ug/l #	18
59) 2-Hexanone	8.38	43	454	0.253	ug/l	97
70) Styrene	9.81	104	351	2.388	ug/l #	38
76) 1,2,3-Trichloropropane	10.31	75	45036	25.195	ug/l #	37
79) 2-Chlorotoluene	10.78	91	757	0.208	ug/l	80
81) trans-1,4-Dichloro-2-buten	10.31	75	45036	65.937	ug/l #	100
87) 1,3-Dichlorobenzene	11.42	146	520	0.236	ug/l	95
88) 1,4-Dichlorobenzene	11.42	146	520	0.231	ug/l	95
89) n-Butylbenzene	11.90	91	937	2.149	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	647	0.466	ug/l #	86
94) Hexachlorobutadiene	13.69	225	229	0.327	ug/l	77
95) Naphthalene	13.75	128	2047	2.040	ug/l #	70
96) 1,2,3-Trichlorobenzene	13.99	180	650	0.449	ug/l #	84

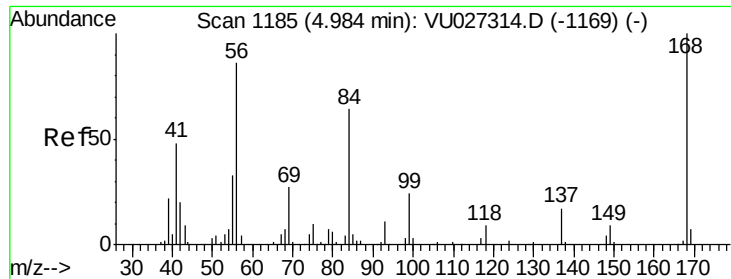
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 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: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

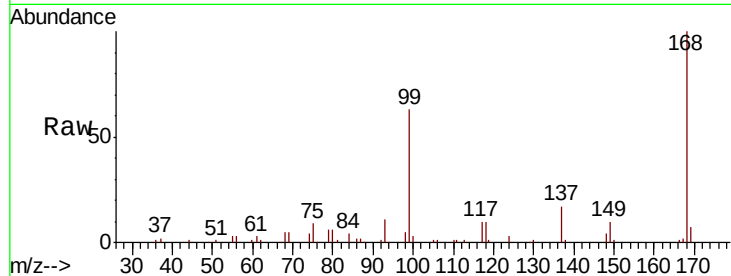
PB113364ZHE#01

Tot Ion:168 Resp: 94553

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

40000

30000

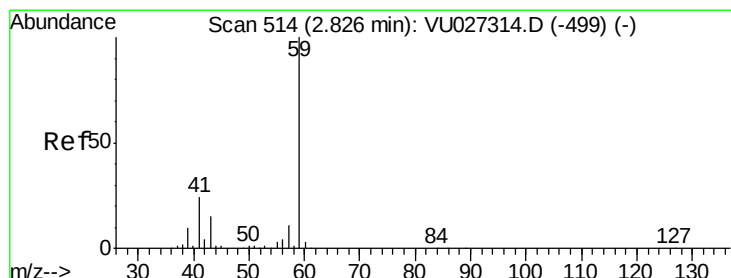
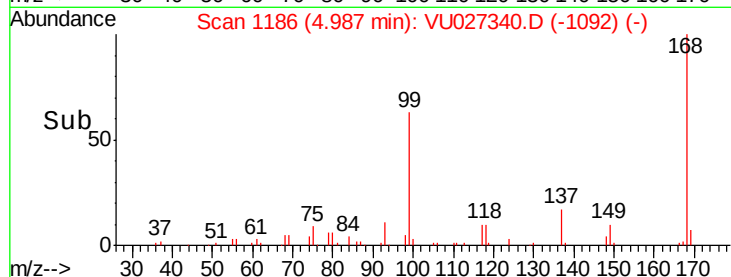
20000

10000

0

4.90 5.00 5.10

Time-->



#11

Tert butyl alcohol

Concen: 1.002 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.02 min

Lab File: VU027340.D

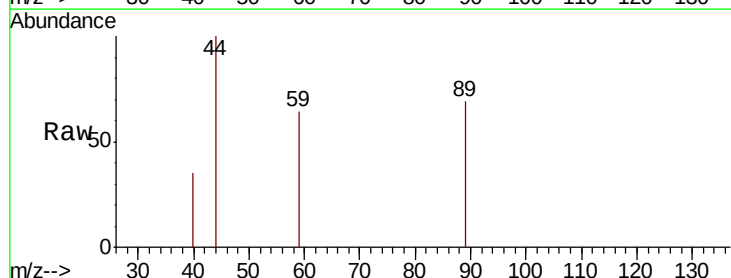
Acq: 02 Oct 2018 11:28

Tgt Ion: 59 Resp: 333

Ion Ratio Lower Upper

59 100

57 0.0 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.84

200

150

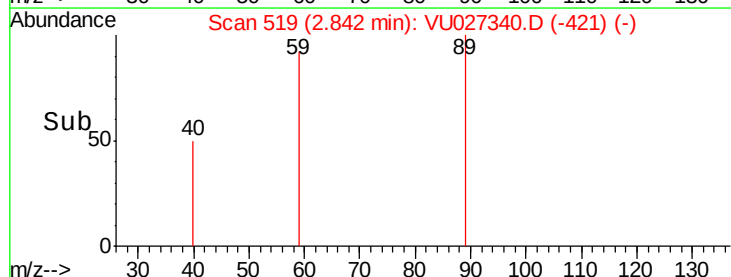
100

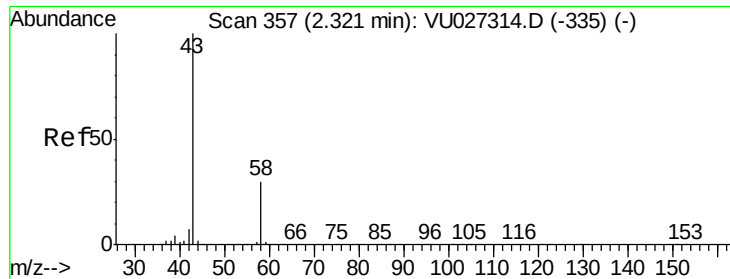
50

0

2.80 2.82 2.84 2.86

Time-->





#16

Acetone

Concen: 11.218 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

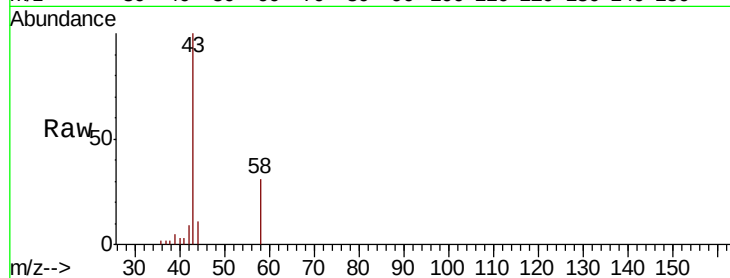
PB113364ZHE#01

Tot Ion: 43 Resp: 10463

Ion Ratio Lower Upper

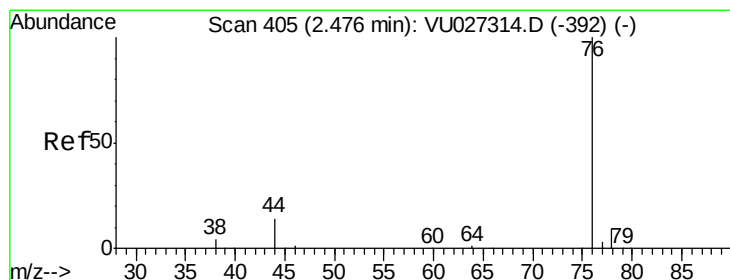
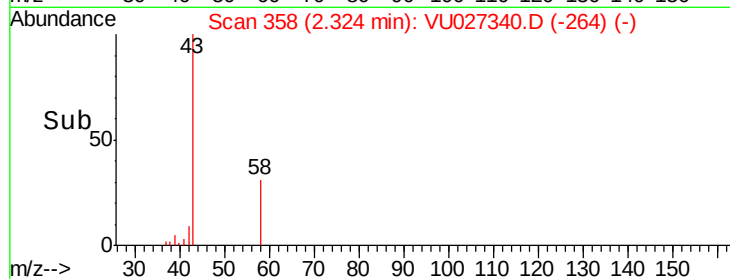
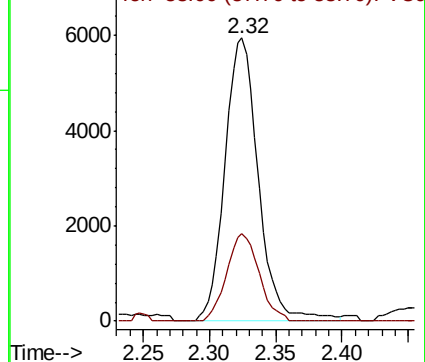
43 100

58 30.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.298 ug/l

RT: 2.48 min Scan# 405

Delta R.T. -0.00 min

Lab File: VU027340.D

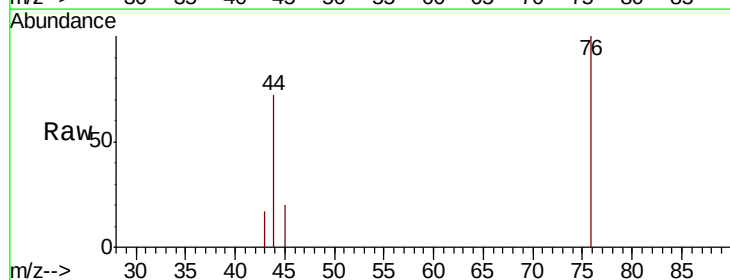
Acq: 02 Oct 2018 11:28

Tgt Ion: 76 Resp: 1075

Ion Ratio Lower Upper

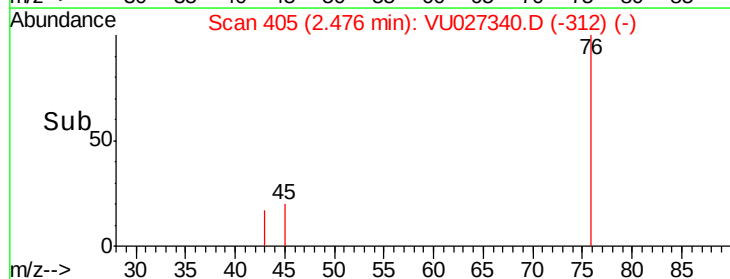
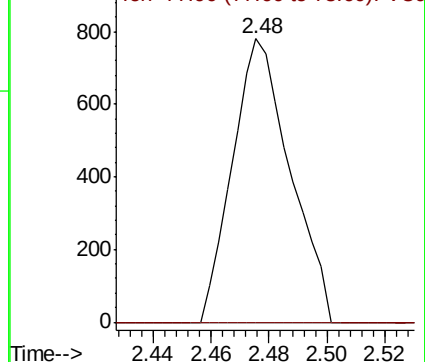
76 100

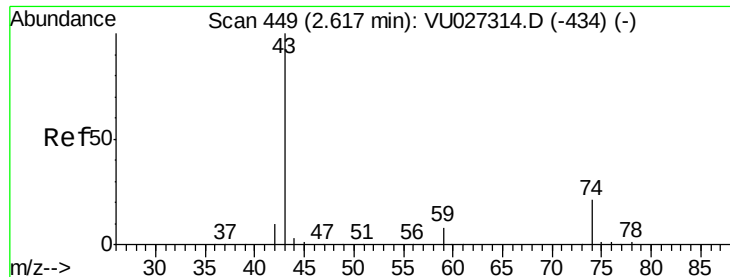
78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

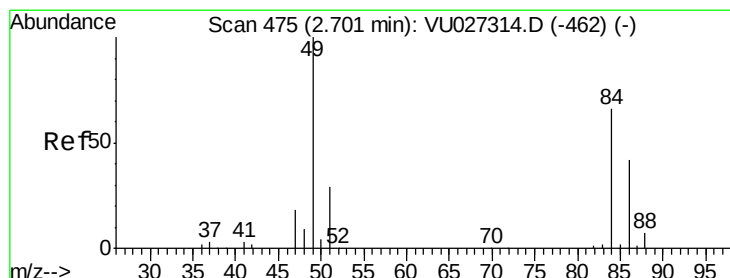
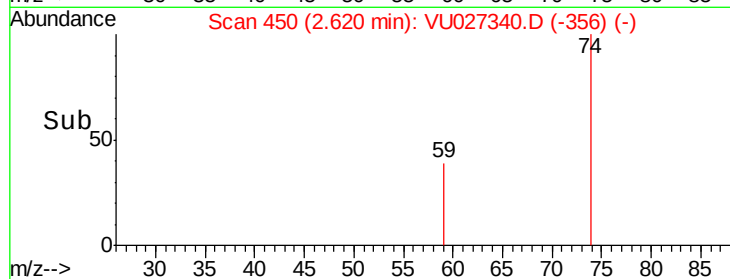
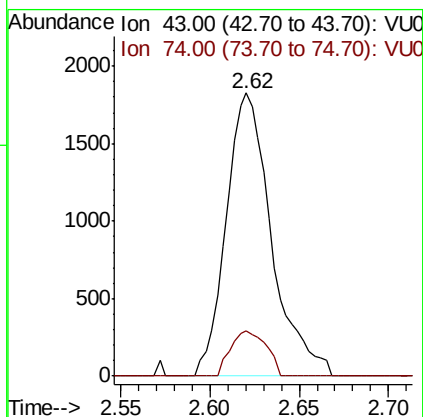
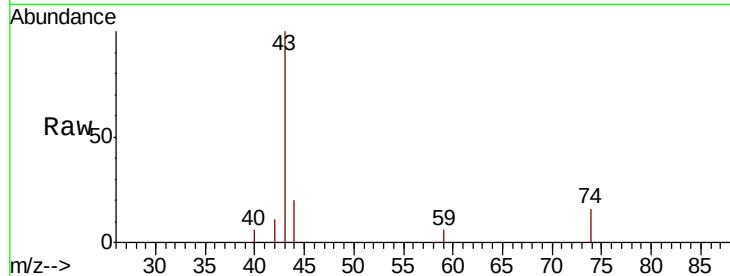




#18
Methvl Acetate
Concen: 1.522 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

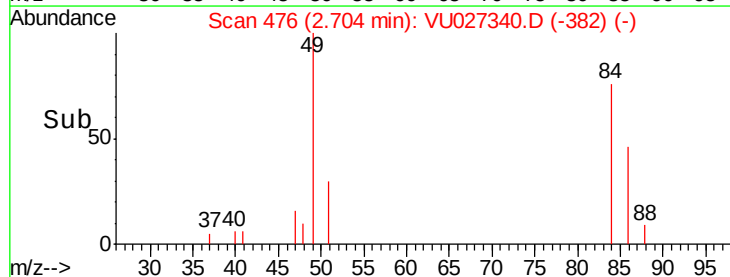
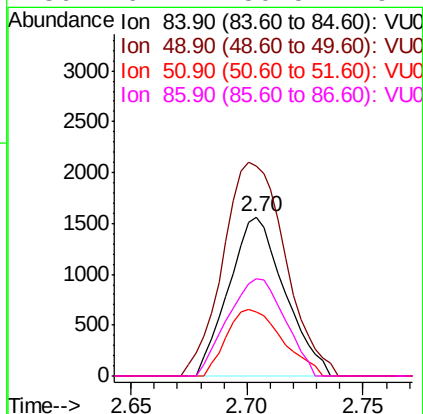
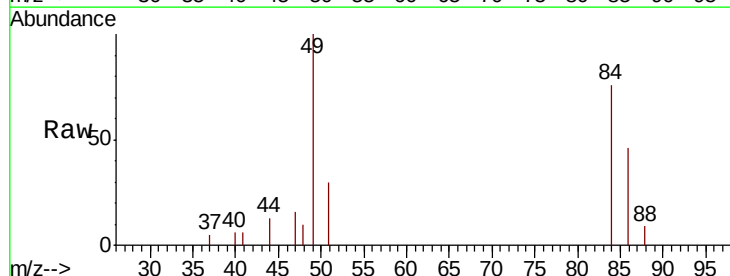
Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

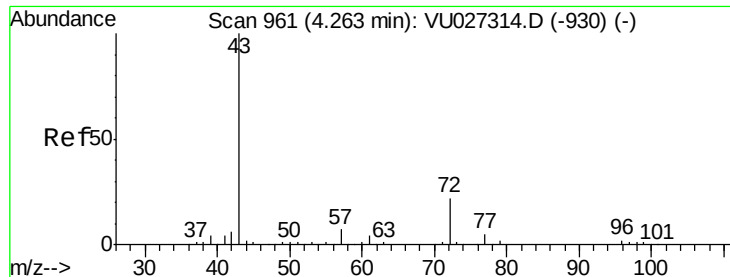
Tot Ion: 43 Resp: 3238
Ion Ratio Lower Upper
43 100
74 12.6 16.5 24.7#



#20
Methylene Chloride
Concen: 2.010 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 84 Resp: 2612
Ion Ratio Lower Upper
84 100
49 131.7 120.5 180.7
51 40.0 35.1 52.7
86 61.2 50.5 75.7





#25

2-Butanone

Concen: 1.502 ug/l

RT: 4.29 min Scan# 969

Delta R.T. 0.03 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

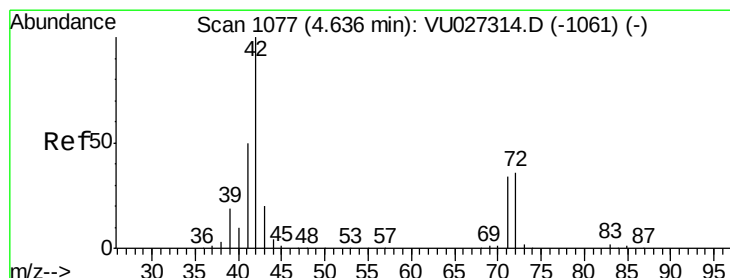
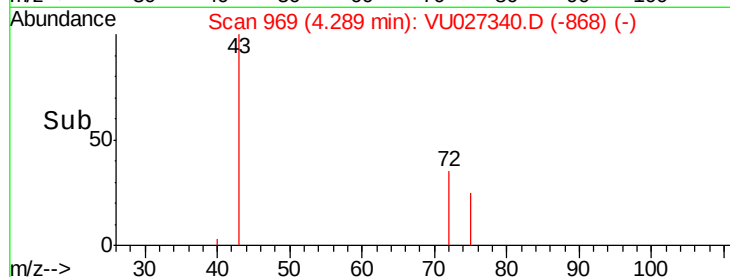
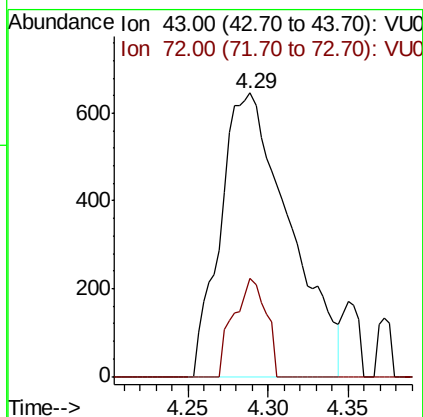
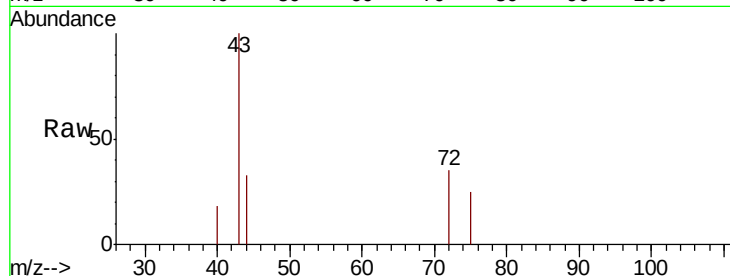
PB113364ZHE#01

Tot Ion: 43 Resp: 1910

Ion Ratio Lower Upper

43 100

72 34.7 17.8 26.6#



#29

Tetrahydrofuran

Concen: 1.100 ug/l

RT: 4.66 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

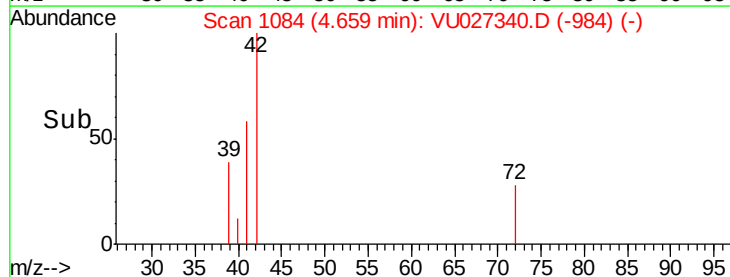
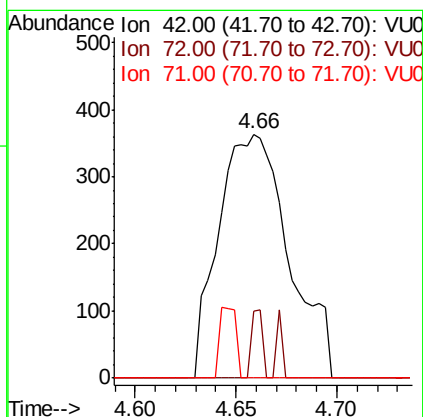
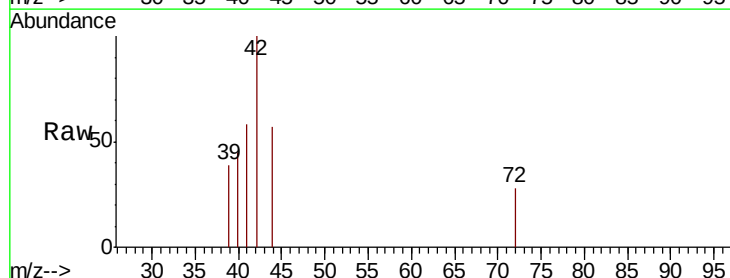
Tgt Ion: 42 Resp: 882

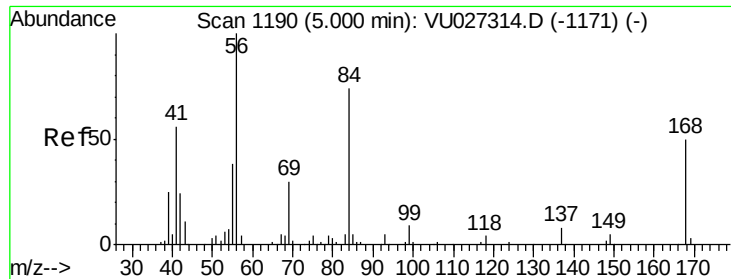
Ion Ratio Lower Upper

42 100

72 4.4 30.1 45.1#

71 6.8 27.7 41.5#

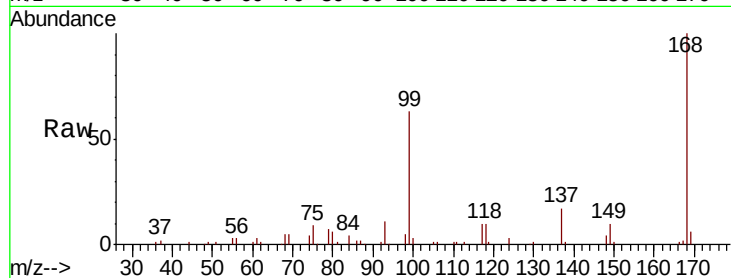




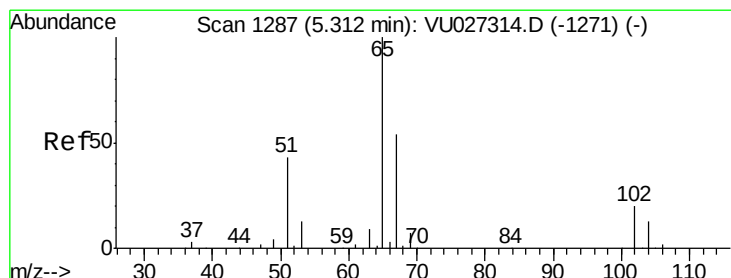
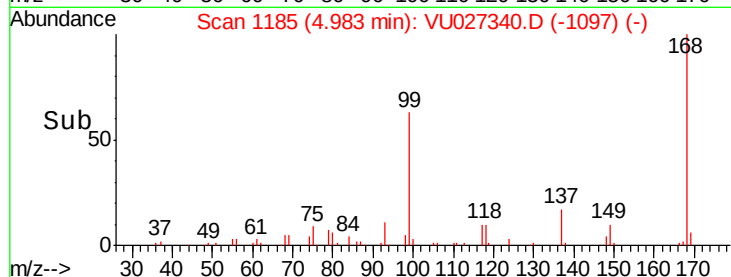
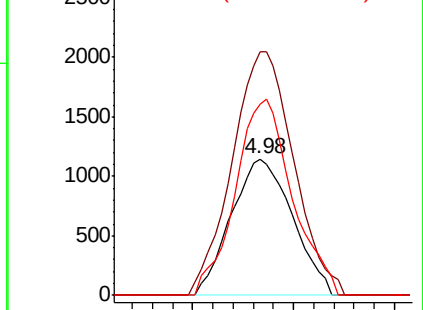
#31
Cyclohexane
Concen: 0.723 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.02 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

Tot Ion: 56 Resp: 2425
Ion Ratio Lower Upper
56 100
69 178.4 24.1 36.1#
84 140.3 59.1 88.7#

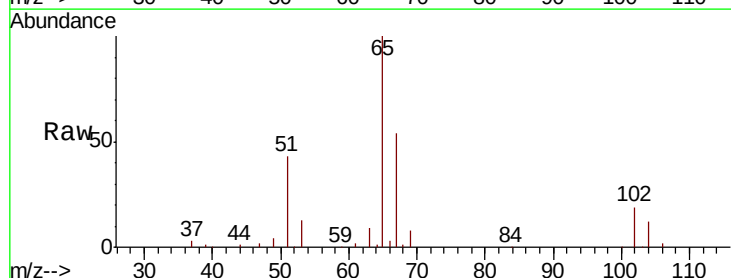


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

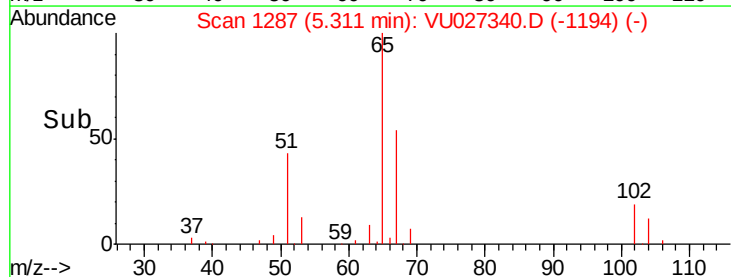
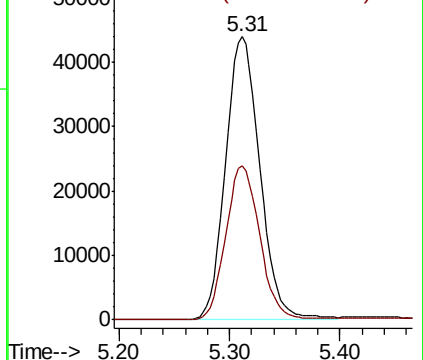


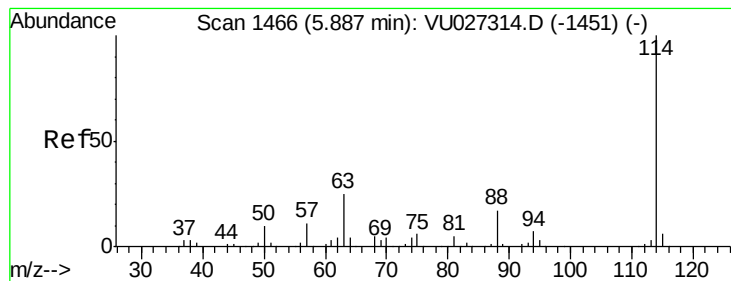
#33
1,2-Dichloroethane-d4
Concen: 60.158 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 65 Resp: 94982
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VU0
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. 0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

PB113364ZHE#01

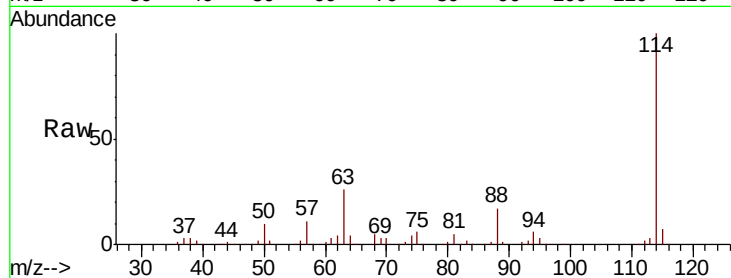
Tot Ion:114 Resp: 163248

Ion Ratio Lower Upper

114 100

63 25.7 0.0 50.2

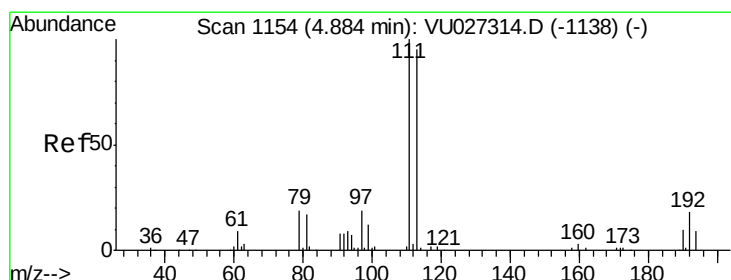
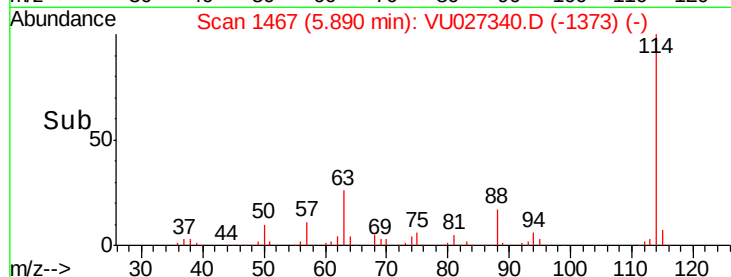
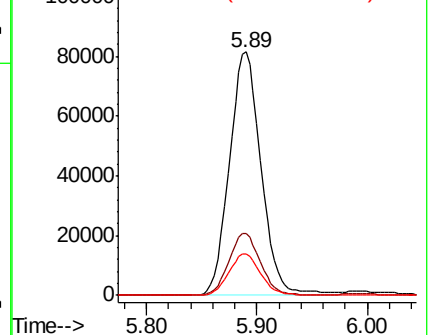
88 17.0 0.0 33.8



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: 59.784 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

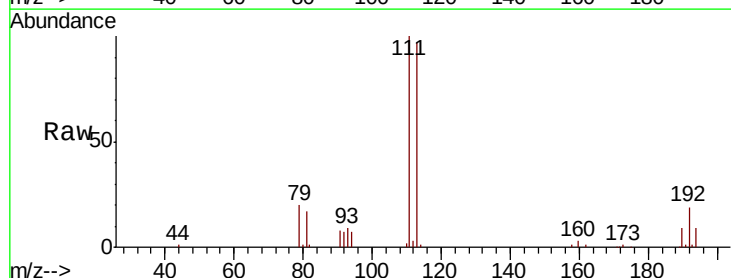
Tgt Ion:113 Resp: 66886

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

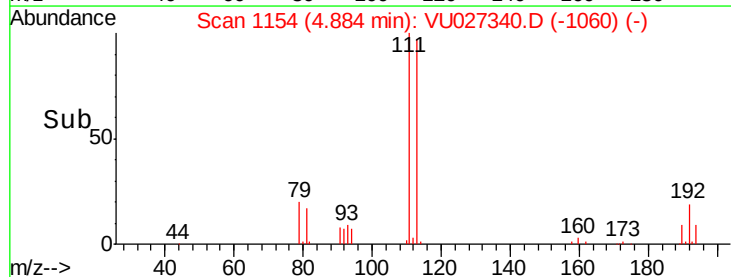
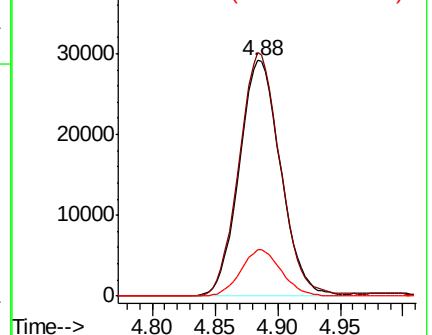
192 19.1 15.4 23.0

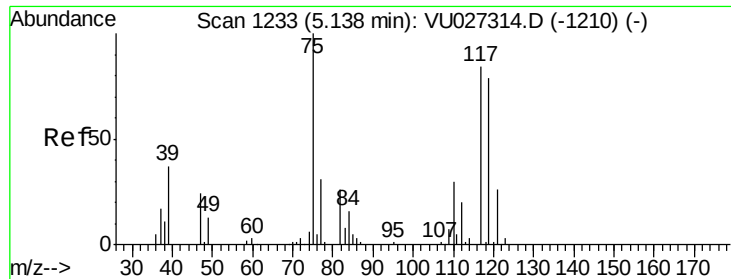


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 6.079 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

PB113364ZHE#01

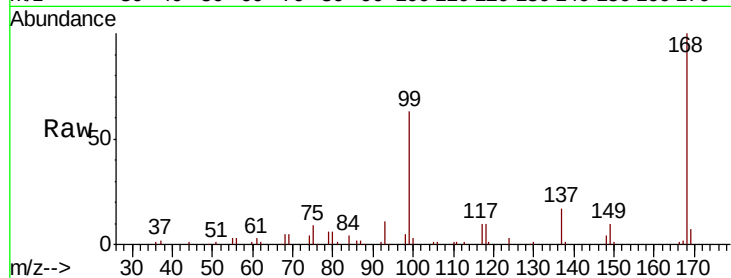
Tot Ion:117 Resp: 9733

Ion Ratio Lower Upper

117 100

119 5.6 74.5 111.7#

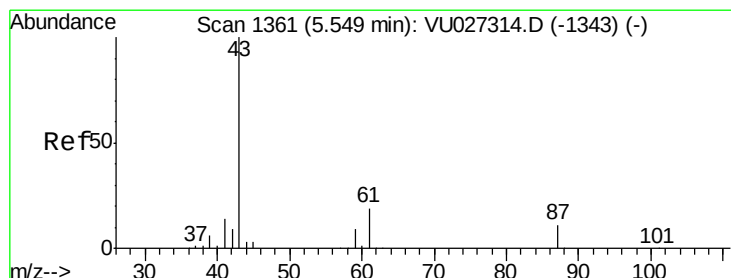
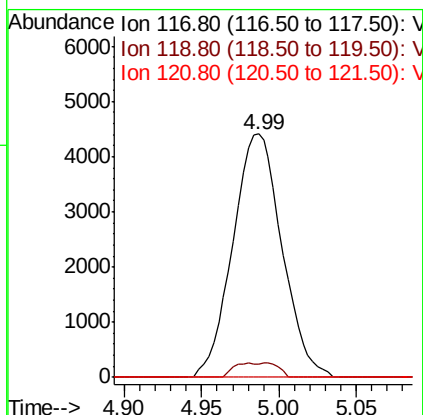
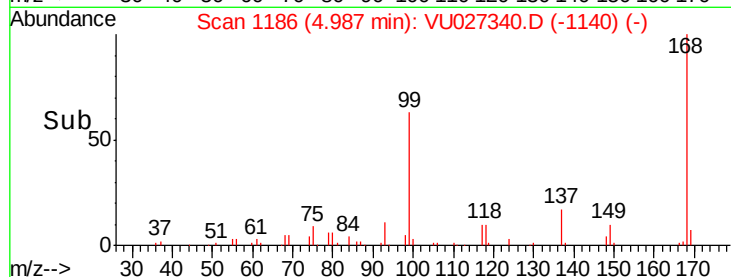
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 30.978 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

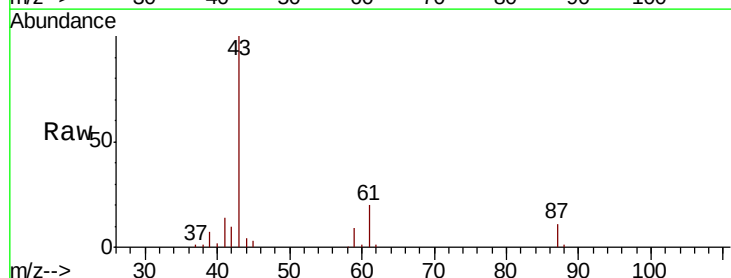
Tgt Ion: 43 Resp: 110214

Ion Ratio Lower Upper

43 100

61 18.6 15.3 22.9

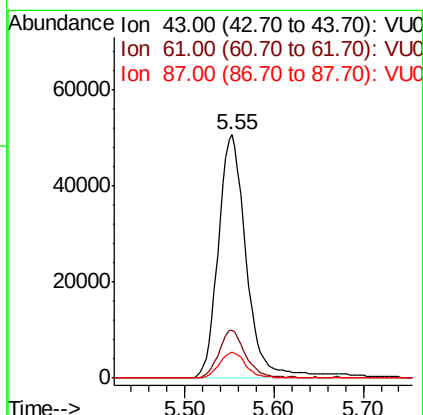
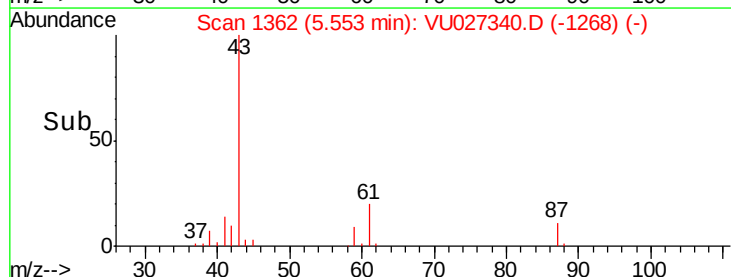
87 10.1 8.6 13.0

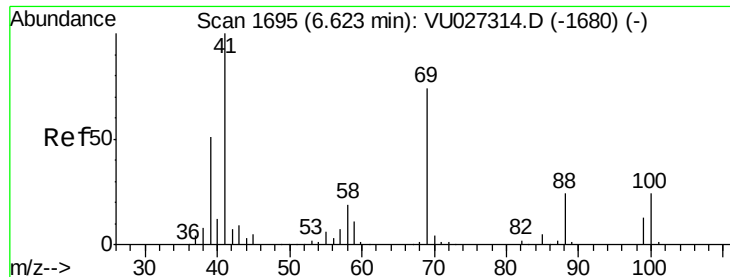


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

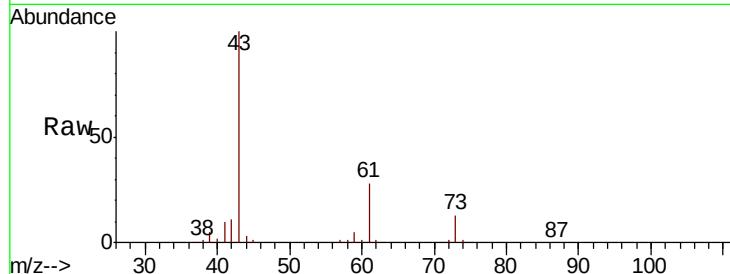




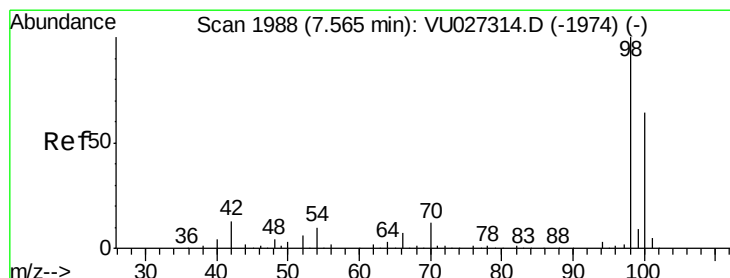
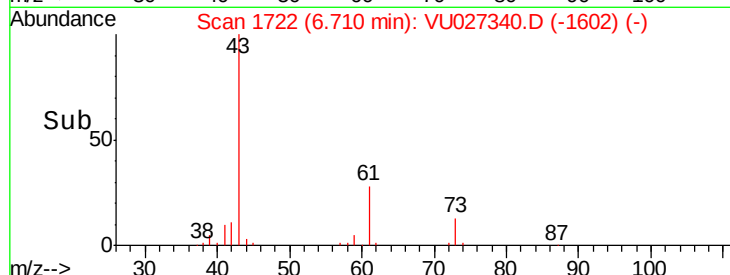
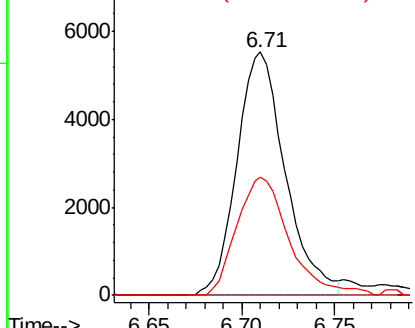
#48
Methvl methacrylate
Concen: 5.658 ug/l
RT: 6.71 min Scan# 1722
Delta R.T. 0.09 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

Tot Ion: 41 Resp: 10010
Ion Ratio Lower Upper
41 100
69 0.0 61.0 91.4#
39 52.6 39.9 59.9

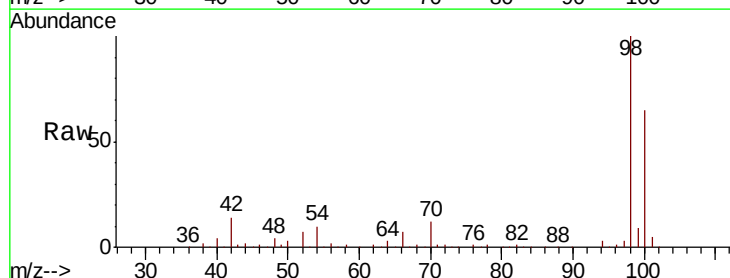


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

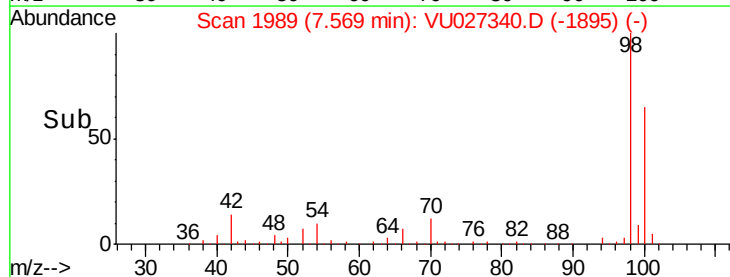
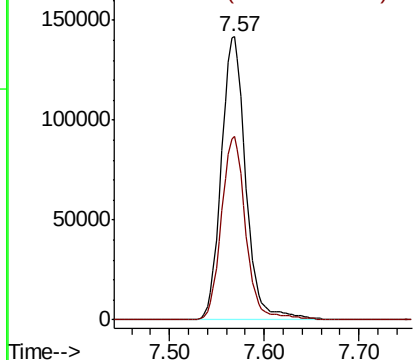


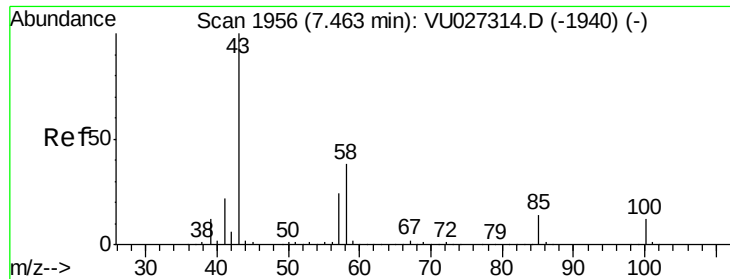
#50
Toluene-d8
Concen: 61.014 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 98 Resp: 255482
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU0
Ion 100.00 (99.70 to 100.70): VU0





#51

4-Methyl-2-Pentanone

Concen: 0.790 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

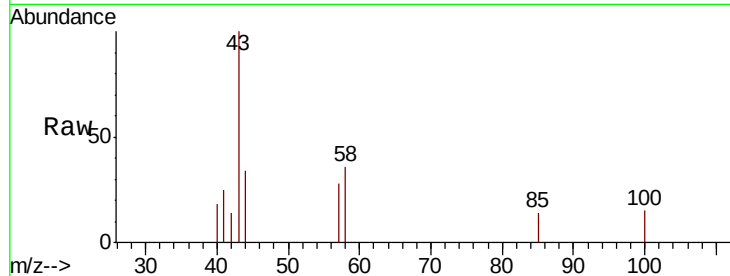
PB113364ZHE#01

Tot Ion: 43 Resp: 1826

Ion Ratio Lower Upper

43 100

58 24.7 29.8 44.8#



Abundance Ion 43.00 (42.70 to 43.70): VU027340.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027340.D (-1940) (-)

1500

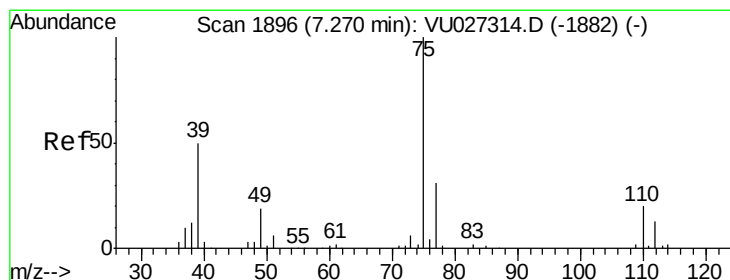
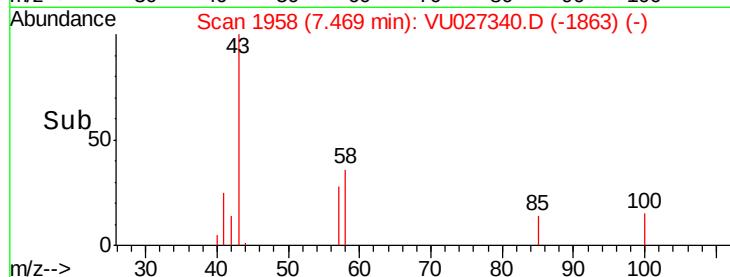
1000

500

0

7.45 7.47 7.50 7.55

Time-->



#54

cis-1,3-Dichloropropene

Concen: 0.251 ug/l

RT: 7.42 min Scan# 1944

Delta R.T. 0.15 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

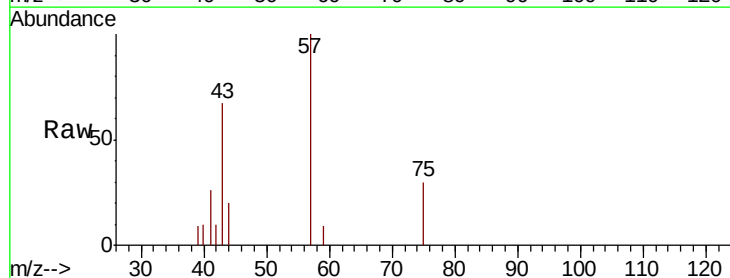
Tgt Ion: 75 Resp: 552

Ion Ratio Lower Upper

75 100

77 0.0 24.5 36.7#

39 29.4 40.1 60.1#



Abundance Ion 74.90 (74.60 to 75.60): VU027340.D (-1803) (-)

Ion 76.90 (76.60 to 77.60): VU027340.D (-1803) (-)

Ion 39.00 (38.70 to 39.70): VU027340.D (-1803) (-)

500

400

300

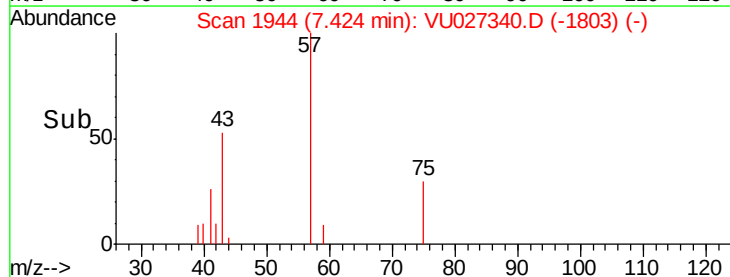
200

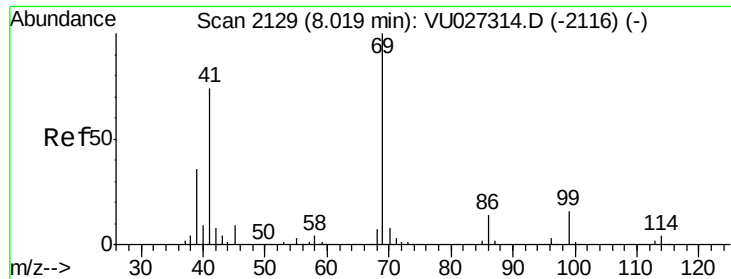
100

0

7.38 7.40 7.42 7.44 7.46

Time-->

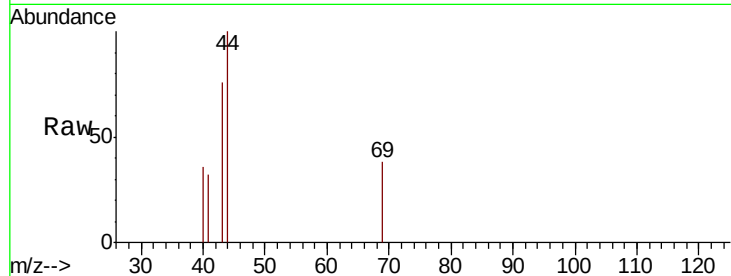




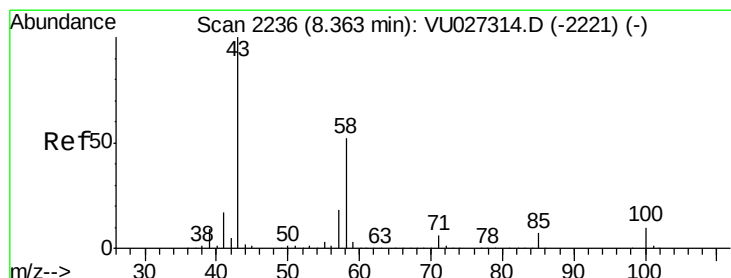
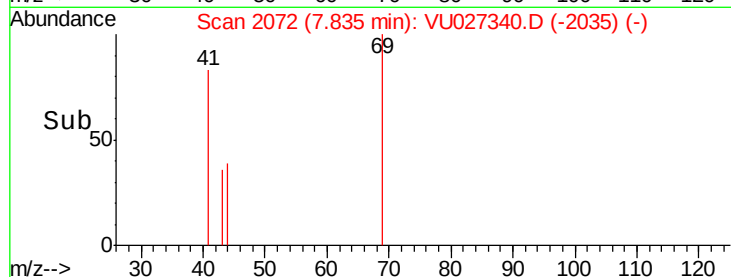
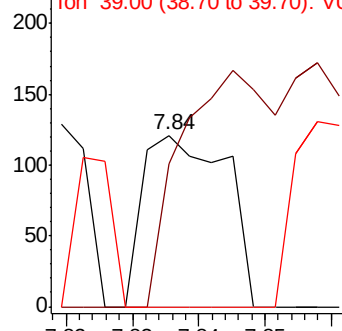
#56
Ethyl methacrylate
Concen: 2.315 ug/l
RT: 7.84 min Scan# 2072
Delta R.T. -0.18 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

Tot Ion: 69 Resp: 105
Ion Ratio Lower Upper
69 100
41 153.3 60.0 90.0#
39 0.0 29.5 44.3#

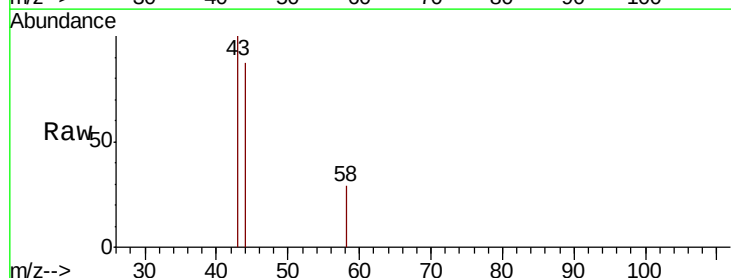


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

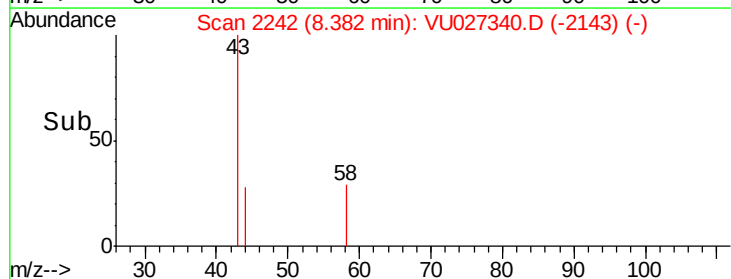
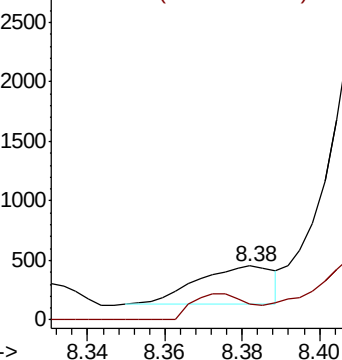


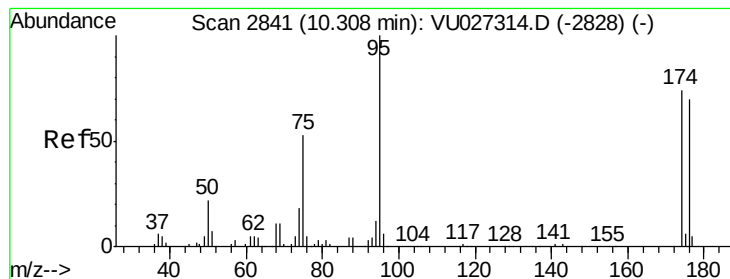
#59
2-Hexanone
Concen: 0.253 ug/l
RT: 8.38 min Scan# 2242
Delta R.T. 0.02 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 43 Resp: 454
Ion Ratio Lower Upper
43 100
58 50.2 26.1 78.3



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 52.770 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

PB113364ZHE#01

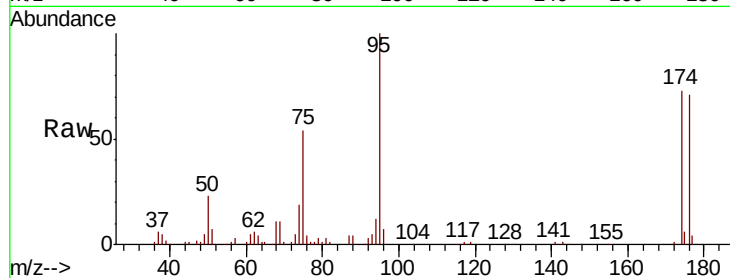
Tot Ion: 95 Resp: 82118

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.8

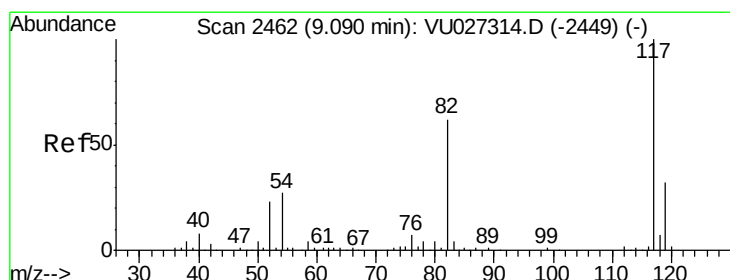
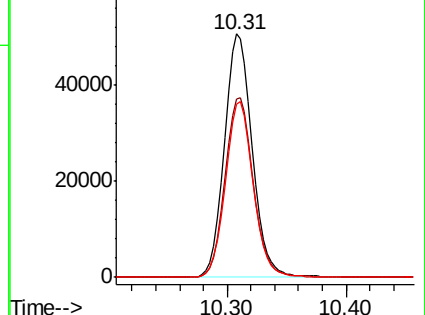
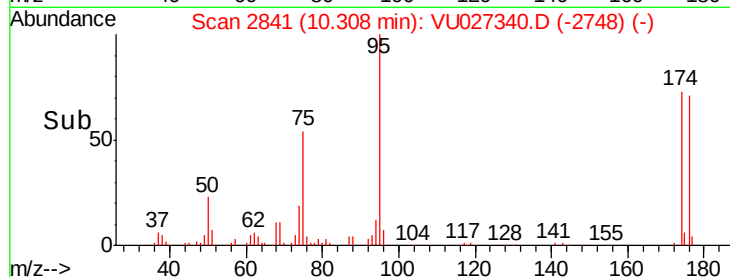
176 71.9 0.0 140.8



Abundance Ion 94.90 (94.60 to 95.60): VU027340.D (-2748) (-)

Ion 173.80 (173.50 to 174.50): VU027340.D (-2748) (-)

Ion 175.80 (175.50 to 176.50): VU027340.D (-2748) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2462

Delta R.T. -0.00 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

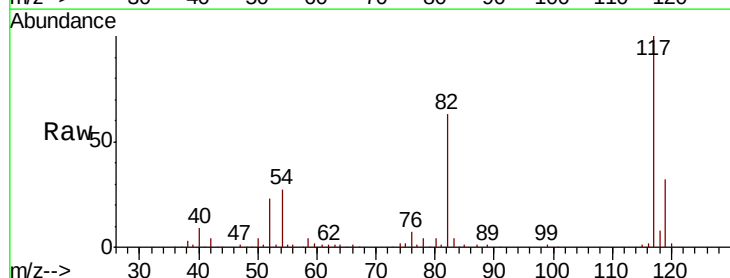
Tgt Ion: 117 Resp: 155320

Ion Ratio Lower Upper

117 100

82 62.9 49.2 73.8

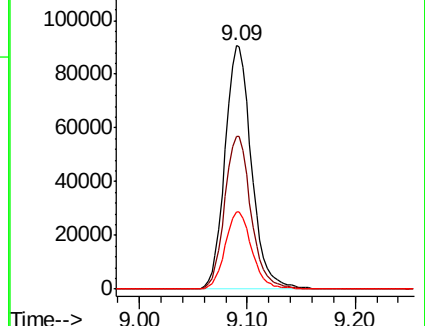
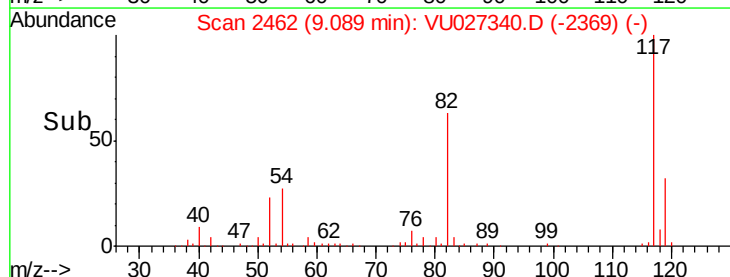
119 32.0 25.7 38.5

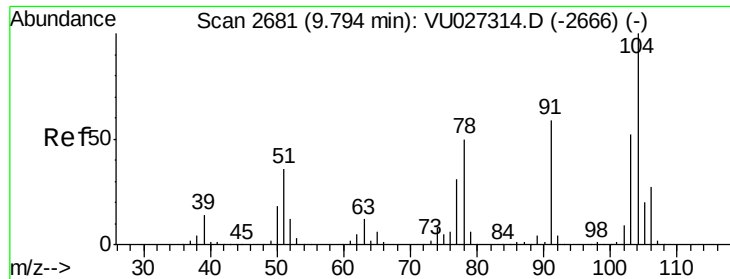


Abundance Ion 116.90 (116.60 to 117.60): VU027340.D (-2369) (-)

Ion 82.00 (81.70 to 82.70): VU027340.D (-2369) (-)

Ion 118.90 (118.60 to 119.60): VU027340.D (-2369) (-)

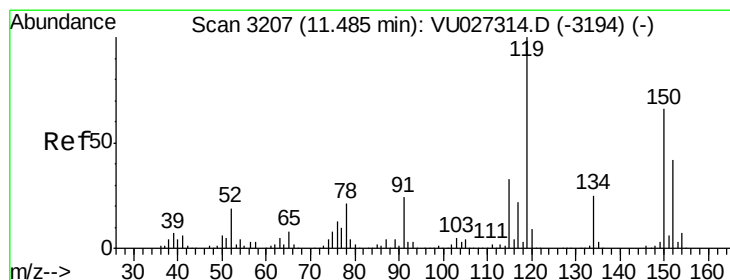
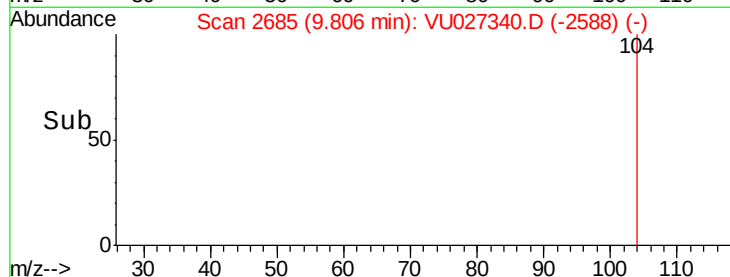
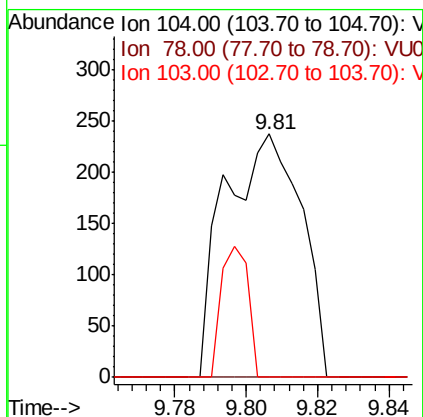
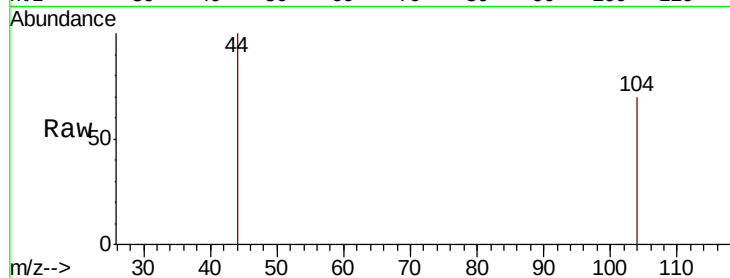




#70
Stvrene
Concen: 2.388 ug/l
RT: 9.81 min Scan# 2685
Delta R.T. 0.01 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

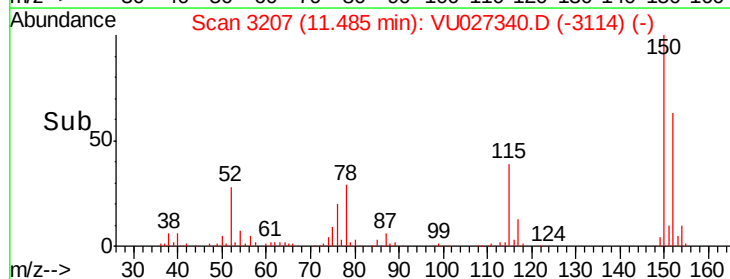
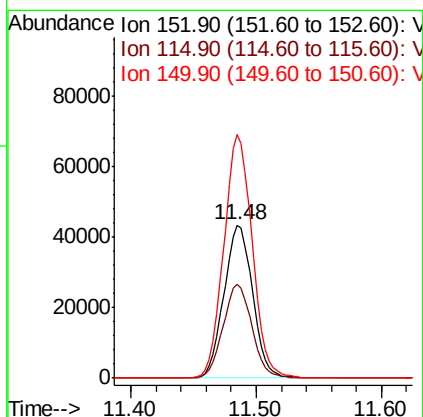
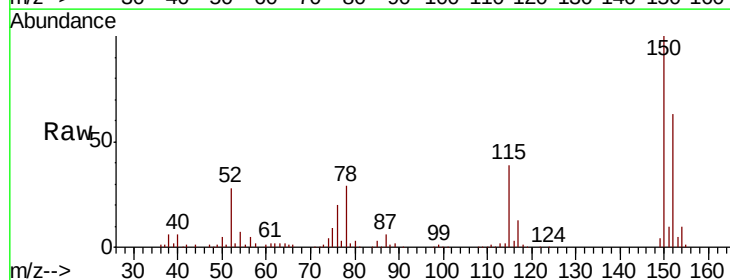
Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

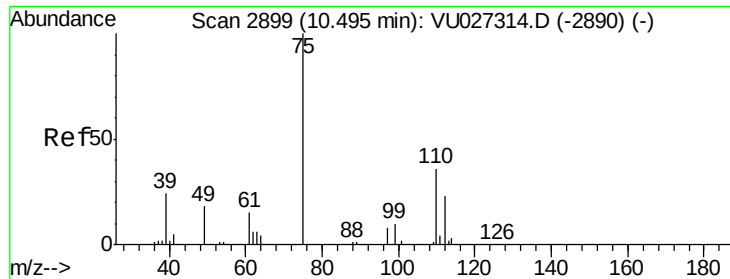
Tot Ion:104 Resp: 351
Ion Ratio Lower Upper
104 100
78 0.0 42.9 64.3#
103 19.1 43.9 65.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion:152 Resp: 68957
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.2
150 157.0 0.0 349.2

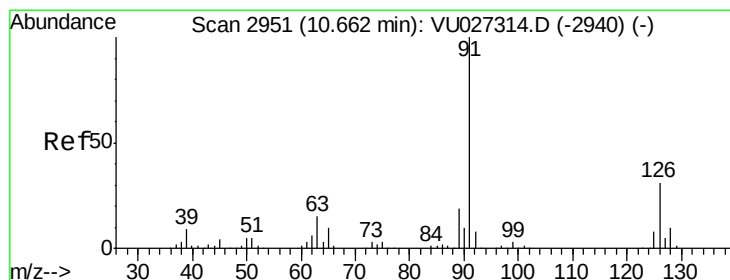
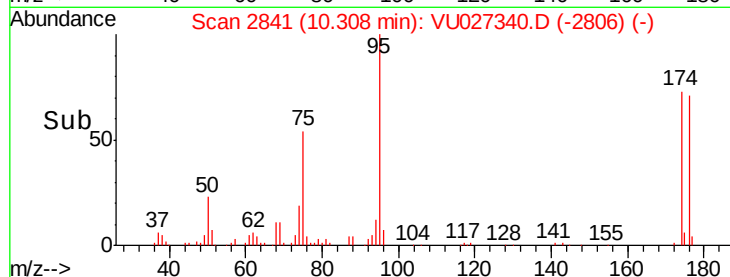
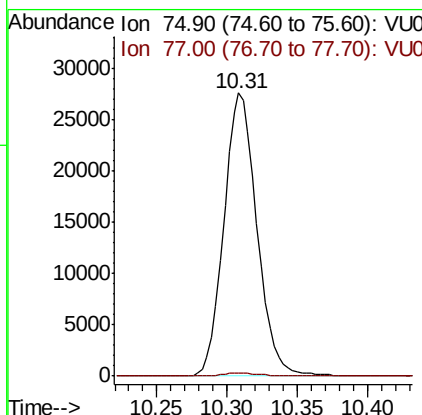
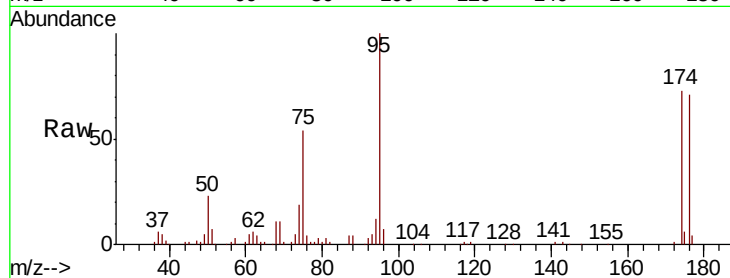




#76
 1,2,3-Trichloropropane
 Concen: 25.195 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. -0.19 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

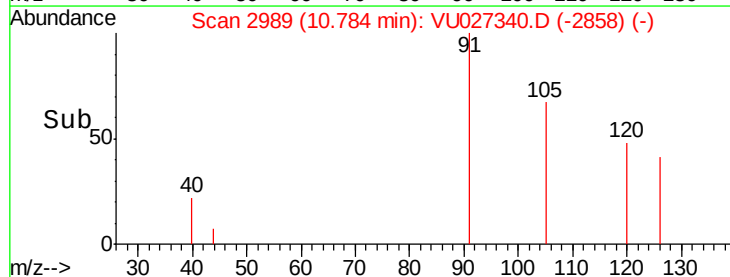
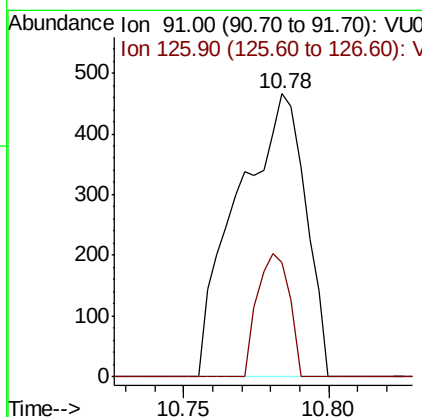
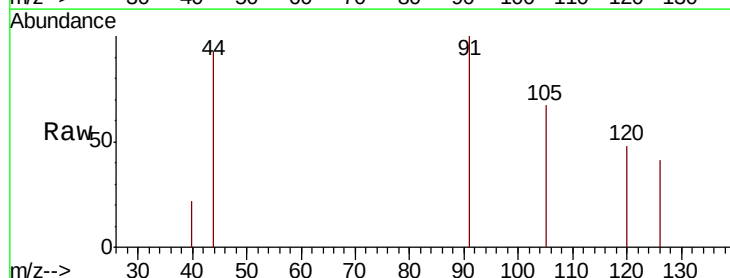
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113364ZHE#01

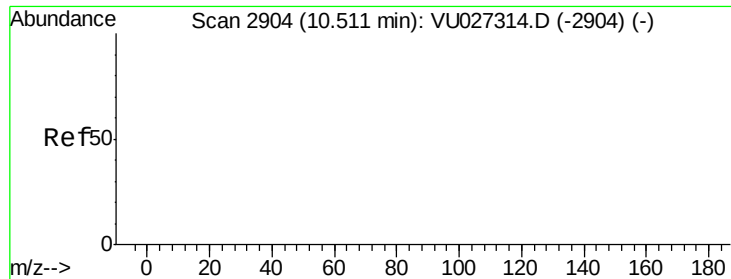
Tot Ion: 75 Resp: 45036
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#



#79
 2-Chlorotoluene
 Concen: 0.208 ug/l
 RT: 10.78 min Scan# 2989
 Delta R.T. 0.12 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

Tgt Ion: 91 Resp: 757
 Ion Ratio Lower Upper
 91 100
 126 20.6 15.7 47.1

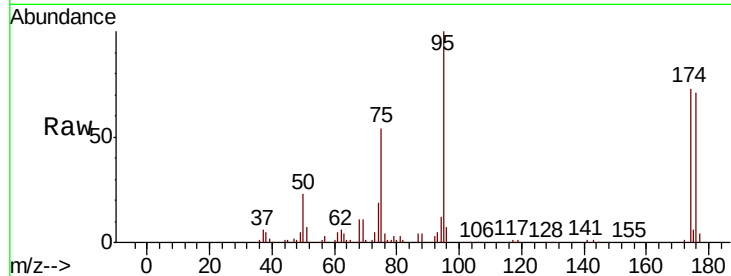




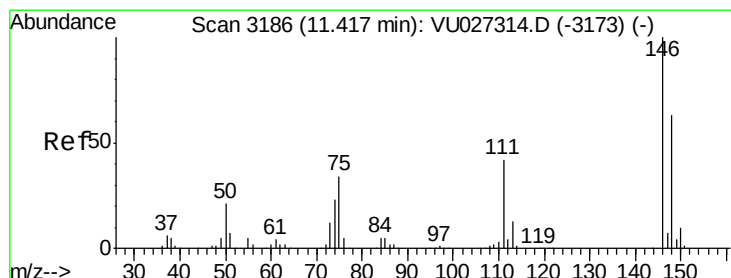
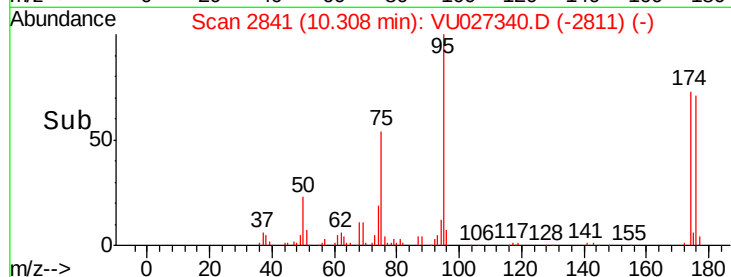
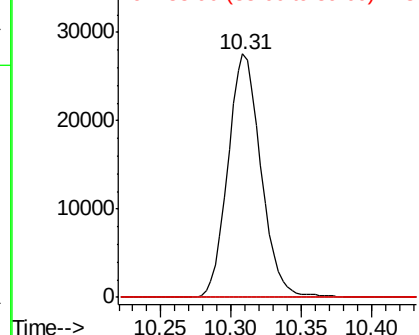
#81
trans-1,4-Dichloro-2-butene
Concen: 65.937 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.20 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Instrument :
MSVOA_U
ClientSampleId :
PB113364ZHE#01

Tot Ion: 75 Resp: 45036
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

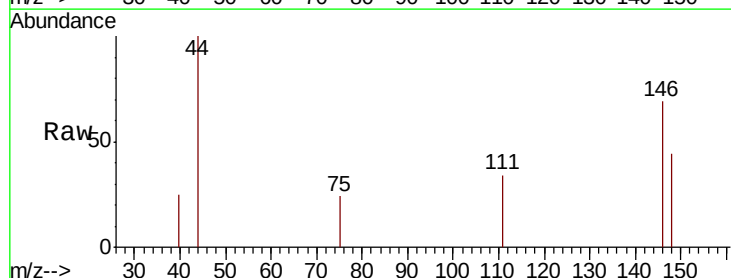


Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.90 (88.60 to 89.60): VU0

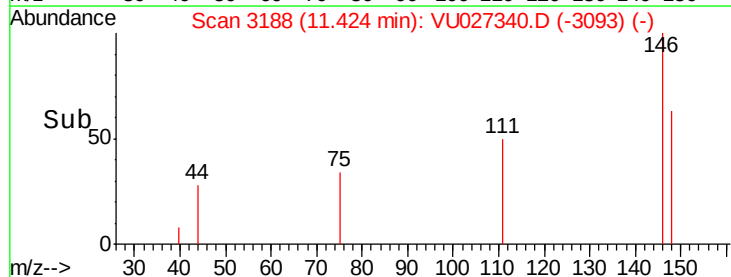
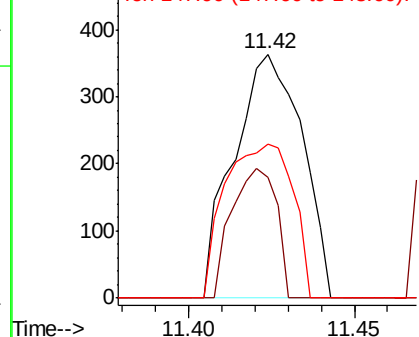


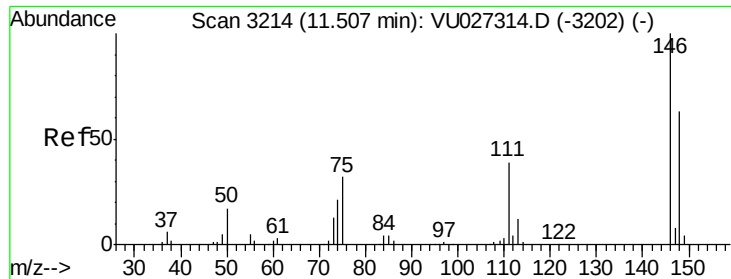
#87
1,3-Dichlorobenzene
Concen: 0.236 ug/l
RT: 11.42 min Scan# 3188
Delta R.T. 0.01 min
Lab File: VU027340.D
Acq: 02 Oct 2018 11:28

Tgt Ion: 146 Resp: 520
Ion Ratio Lower Upper
146 100
111 34.8 20.8 62.5
148 62.3 31.6 94.8



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

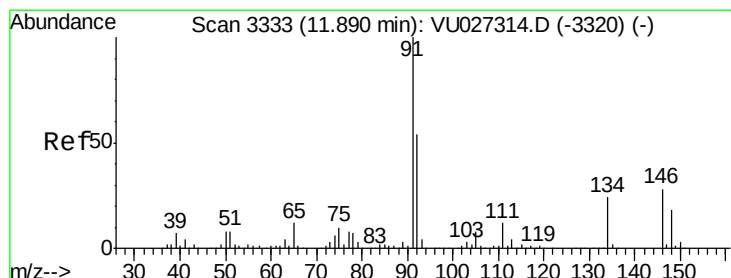
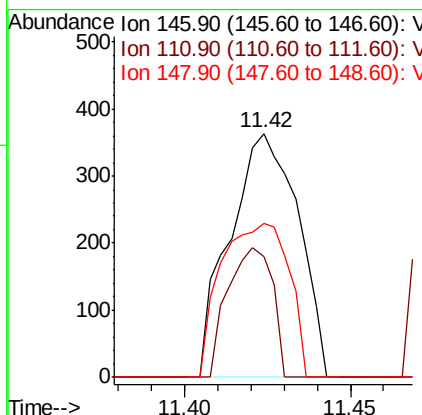
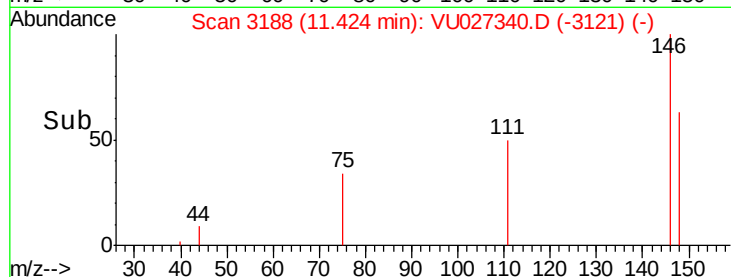
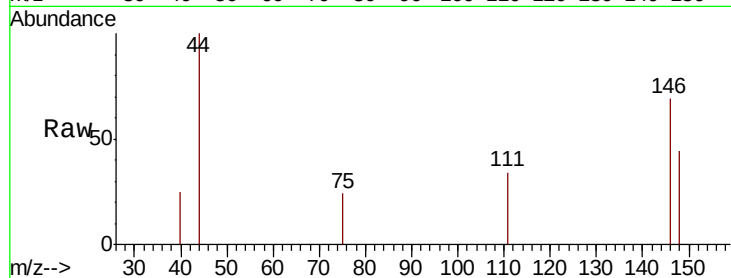




#88
 1,4-Dichlorobenzene
 Concen: 0.231 ug/l
 RT: 11.42 min Scan# 3188
 Delta R.T. -0.08 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

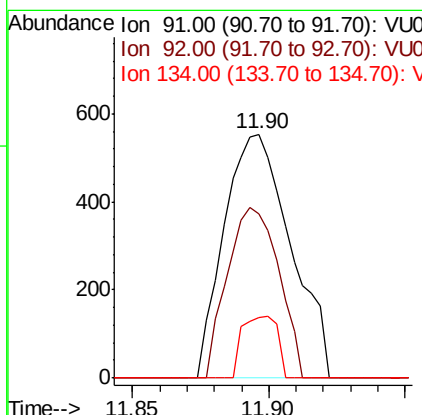
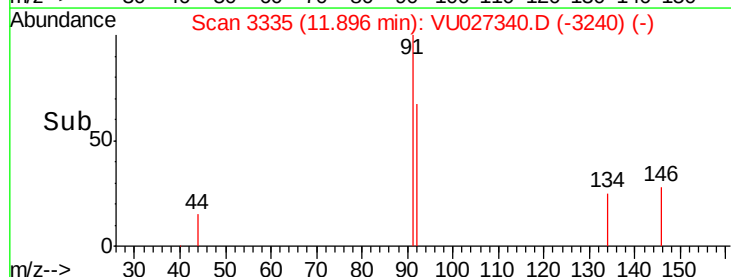
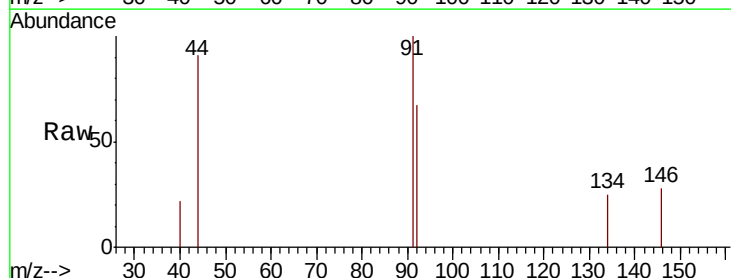
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113364ZHE#01

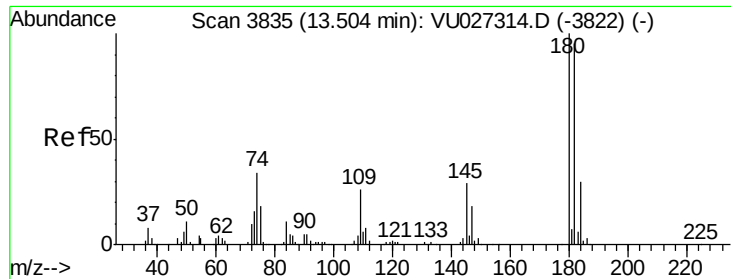
Tot Ion:146 Resp: 520
 Ion Ratio Lower Upper
 146 100
 111 34.8 20.4 61.2
 148 62.3 31.9 95.5



#89
 n-Butylbenzene
 Concen: 2.149 ug/l
 RT: 11.90 min Scan# 3335
 Delta R.T. 0.01 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

Tgt Ion: 91 Resp: 937
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.0 81.0
 134 13.3 11.7 35.1

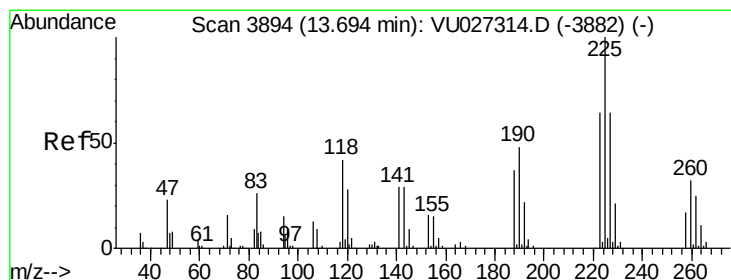
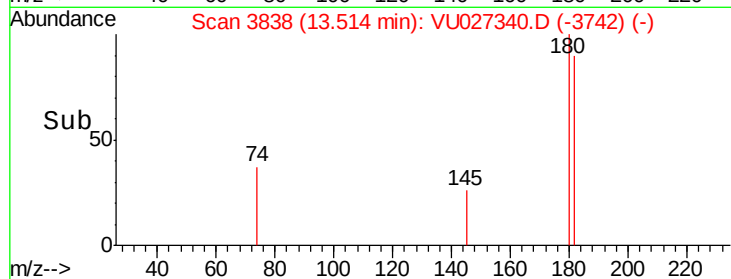
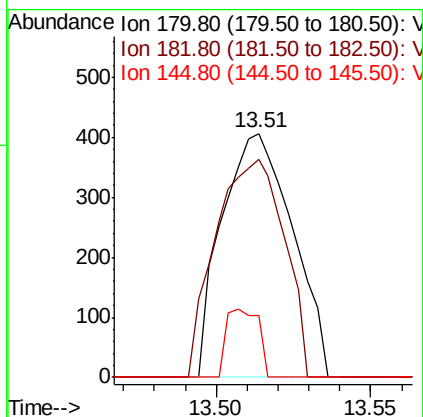
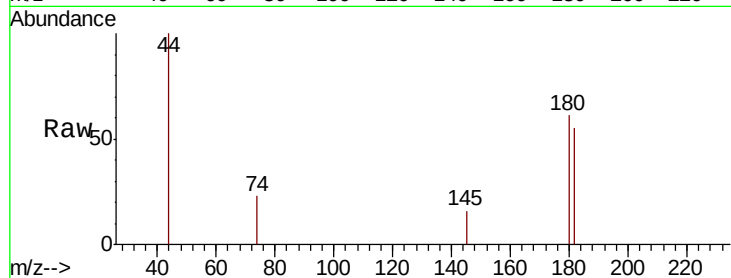




#93
 1,2,4-Trichlorobenzene
 Concen: 0.466 ug/l
 RT: 13.51 min Scan# 3838
 Delta R.T. 0.01 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

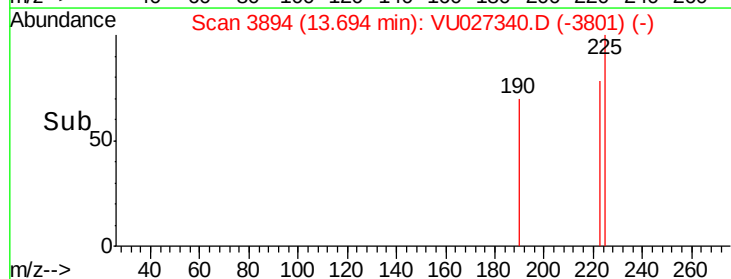
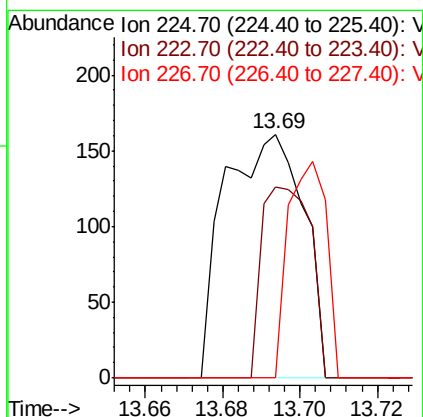
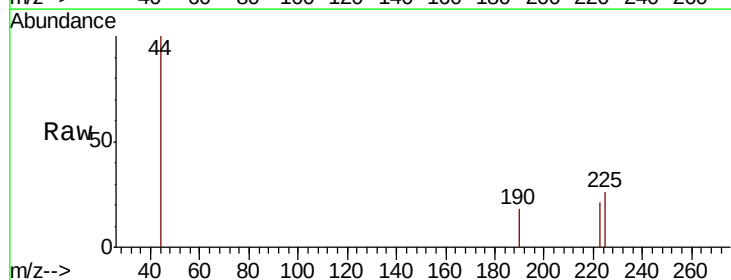
Instrument :
 MSVOA_U
 ClientSampleId :
 PB113364ZHE#01

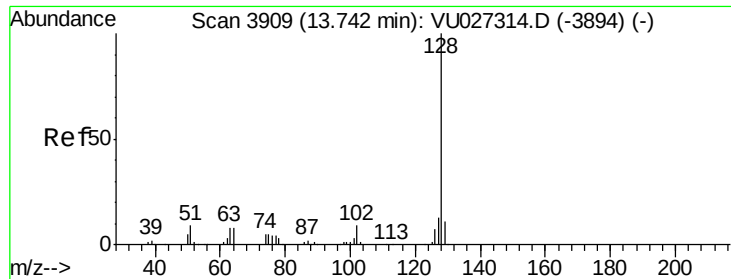
Tot Ion:180 Resp: 647
 Ion Ratio Lower Upper
 180 100
 182 86.6 47.4 142.3
 145 12.8 14.6 44.0#



#94
 Hexachlorobutadiene
 Concen: 0.327 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. -0.00 min
 Lab File: VU027340.D
 Acq: 02 Oct 2018 11:28

Tgt Ion:225 Resp: 229
 Ion Ratio Lower Upper
 225 100
 223 48.9 31.8 95.3
 227 42.8 31.9 95.7





#95

Naphthalene

Concen: 2.040 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

Instrument :

MSVOA_U

ClientSampleId :

PB113364ZHE#01

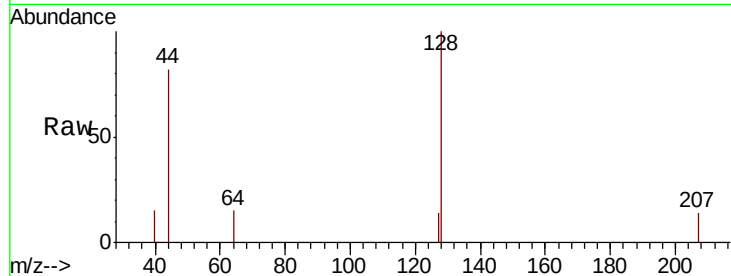
Tot Ion:128 Resp: 2047

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

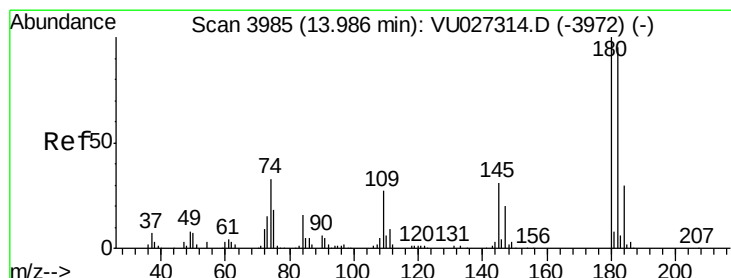
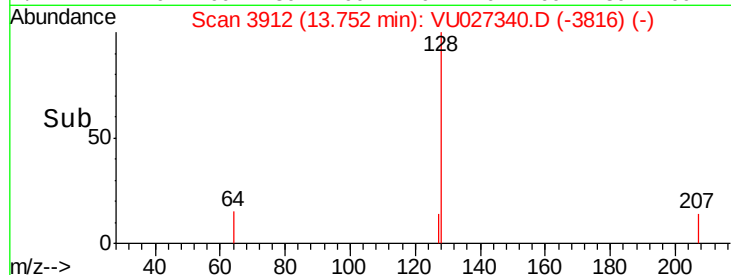
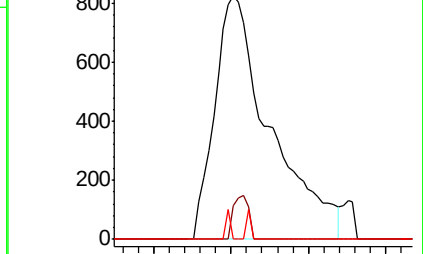
129 0.9 8.6 12.8#



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



#96

1,2,3-Trichlorobenzene

Concen: 0.449 ug/l

RT: 13.99 min Scan# 3987

Delta R.T. 0.01 min

Lab File: VU027340.D

Acq: 02 Oct 2018 11:28

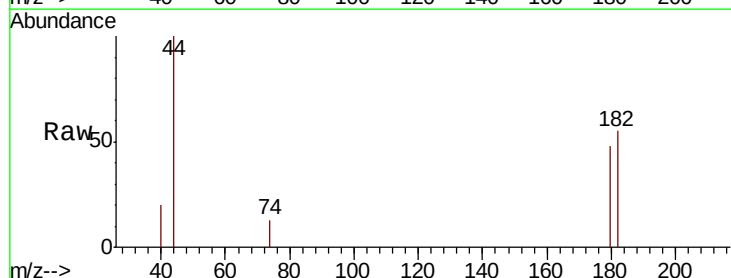
Tgt Ion:180 Resp: 650

Ion Ratio Lower Upper

180 100

182 97.4 47.4 142.2

145 0.0 15.9 47.7#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

