

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092818\
 Data File : VU027298.D
 Acq On : 29 Sep 2018 02:19
 Operator : MD/SY
 Sample : J4771-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

Quant Time: Sep 29 07:03:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U092218W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 22 01:31:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	103548	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	177369	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	101303	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
35) Dibromofluoromethane	4.88	113	71662	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
50) Toluene-d8	7.57	98	279398	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
62) 4-Bromofluorobenzene	10.31	95	94342	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	734	1.537	ug/l #	72
16) Acetone	2.32	43	20020	1.600	ug/l	97
18) Methyl Acetate	2.62	43	3379	1.139	ug/l	93
20) Methylene Chloride	2.70	84	9544	5.113	ug/l	98
25) 2-Butanone	4.28	43	2715	1.550	ug/l	99
29) Tetrahydrofuran	4.66	42	788	0.744	ug/l #	37
30) Chloroform	4.68	83	1927	0.608	ug/l	94
31) Cyclohexane	4.99	56	2824	0.338	ug/l #	1
36) 1,1-Dichloropropene	4.98	75	9223	3.896	ug/l #	50
37) Ethyl Acetate	4.28	43	2715	0.847	ug/l #	70
38) Carbon Tetrachloride	4.99	117	10887	4.833	ug/l #	17
39) Methylcyclohexane	6.41	83	1380	0.536	ug/l	95
41) Methacrylonitrile	4.66	41	344	0.207	ug/l #	32
43) Isopropyl Acetate	5.55	43	100885	21.587	ug/l	98
47) Bromodichloromethane	6.76	83	624	0.249	ug/l #	64
48) Methyl methacrylate	6.54	41	3934	2.527	ug/l #	23
51) 4-Methyl-2-Pentanone	7.47	43	863	0.275	ug/l	98
56) Ethyl methacrylate	7.93	69	68	2.215	ug/l #	1
59) 2-Hexanone	8.31	43	1036	0.421	ug/l #	26
68) m/p-Xylenes	9.38	106	352	1.617	ug/l #	66
73) Isopropylbenzene	10.17	105	2574	0.412	ug/l	87
76) 1,2,3-Trichloropropane	10.31	75	49914	19.998	ug/l #	36
78) n-propylbenzene	10.59	91	4774	0.646	ug/l	94
79) 2-Chlorotoluene	10.59	91	4774	1.028	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.78	105	1412	0.274	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.31	75	49914	63.996	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	1225	0.233	ug/l	92
85) sec-Butylbenzene	11.33	105	1447	0.232	ug/l	84
86) p-Isopropyltoluene	11.69	119	916	1.081	ug/l	94
89) n-Butylbenzene	11.89	91	2127	2.750	ug/l #	55
90) Hexachloroethane	12.25	117	1223	1.080	ug/l #	13
95) Naphthalene	13.75	128	7531	2.759	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Sep 22 01:31:57 2018
Response via : Initial Calibration

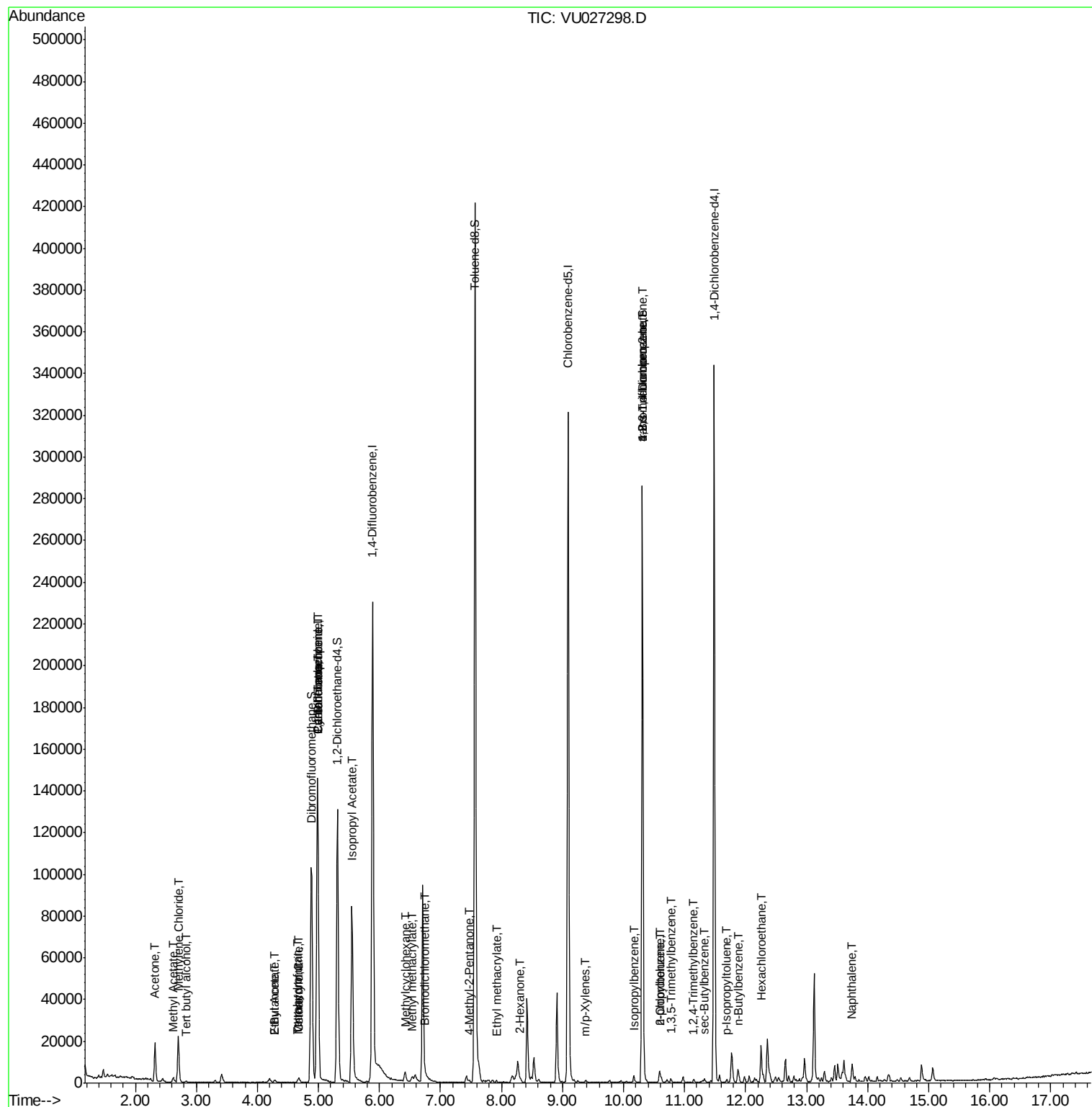
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

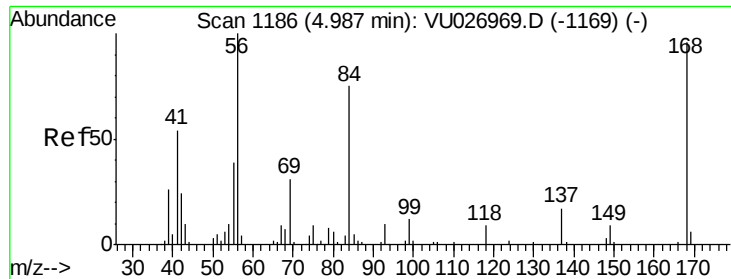
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

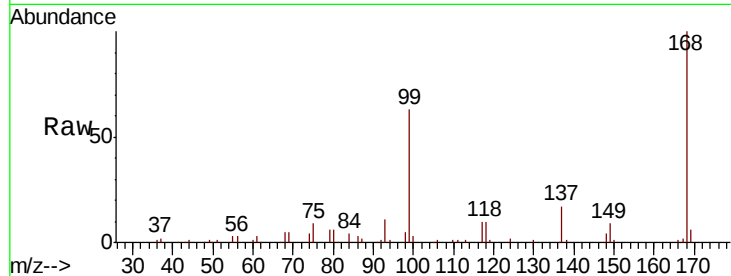
NB-08-092718

Tgt Ion:168 Resp: 103548

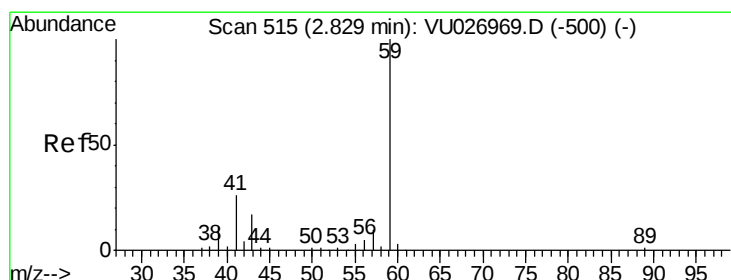
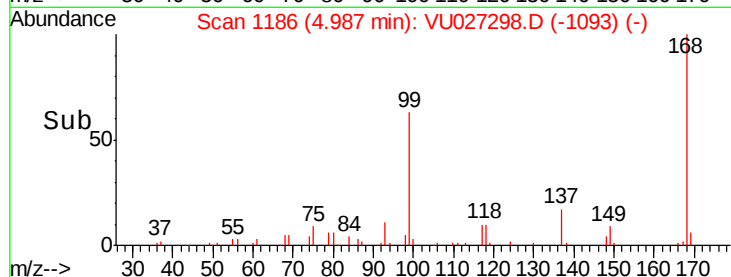
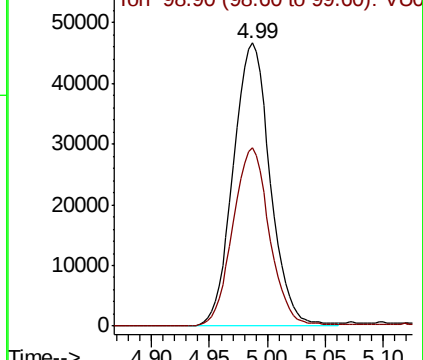
Ion Ratio Lower Upper

168 100

99 62.8 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)



#11

Tert butyl alcohol

Concen: 1.537 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU027298.D

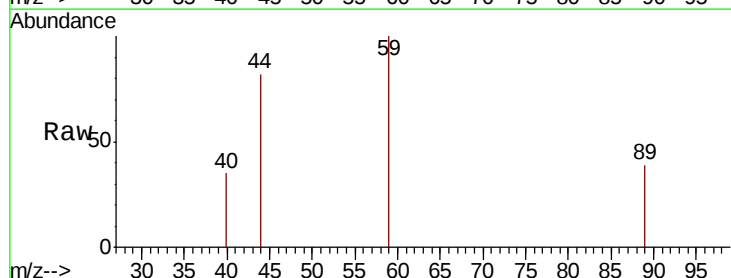
Acq: 29 Sep 2018 02:19

Tgt Ion: 59 Resp: 734

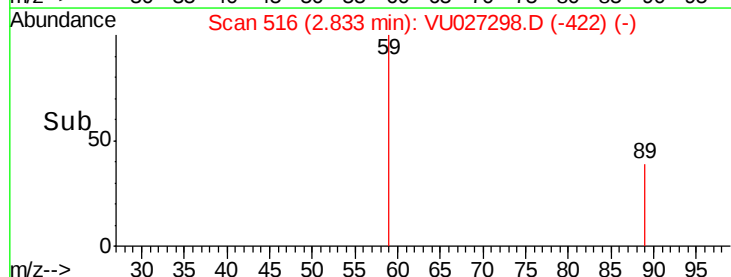
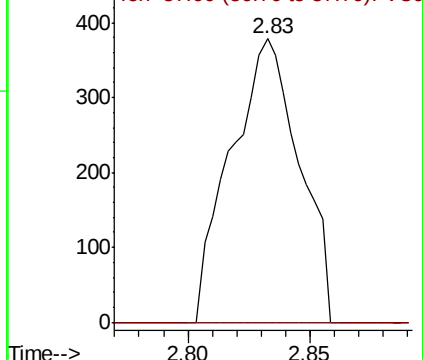
Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



Abundance Ion 59.00 (58.70 to 59.70): VU026969.D (-500) (-)





#16

Acetone

Concen: 1.600 ug/l

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

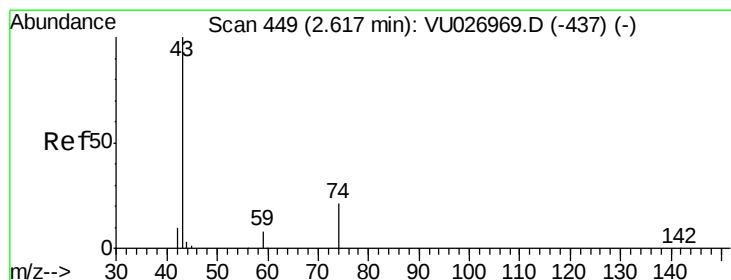
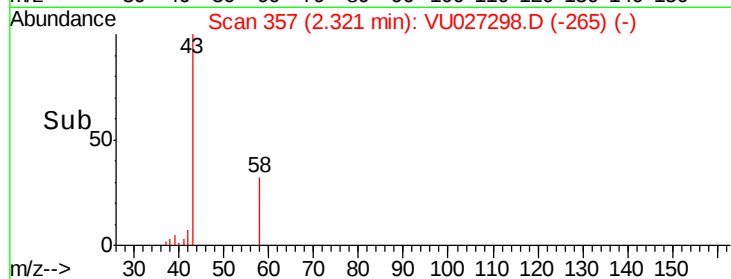
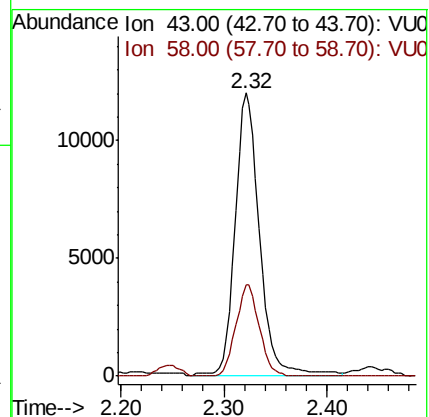
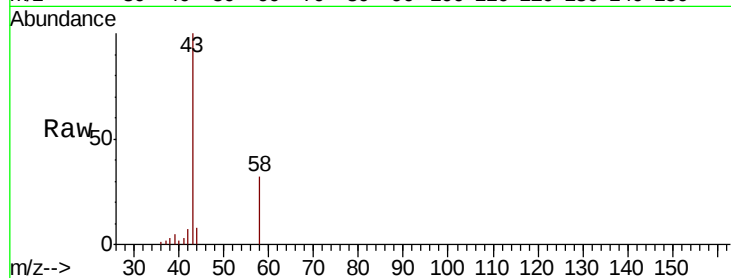
NB-08-092718

Tgt Ion: 43 Resp: 20020

Ion Ratio Lower Upper

43 100

58 32.1 24.6 36.8



#18

Methyl Acetate

Concen: 1.139 ug/l

RT: 2.62 min Scan# 450

Delta R.T. 0.00 min

Lab File: VU027298.D

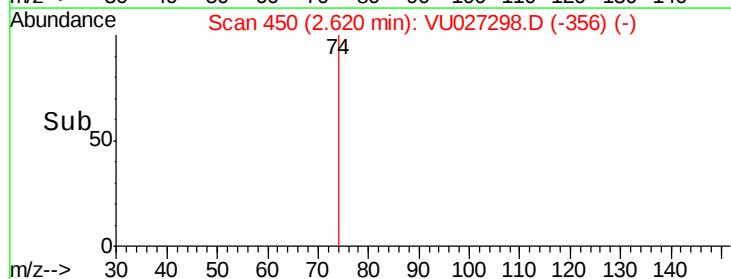
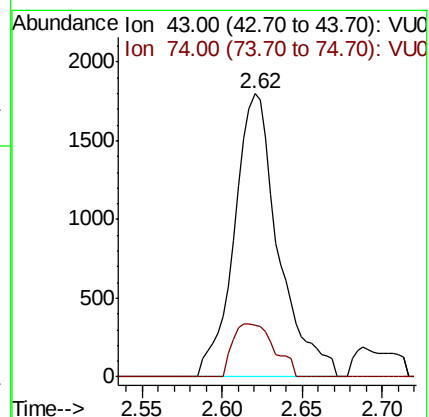
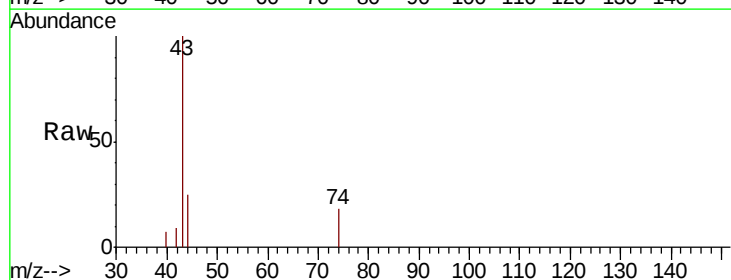
Acq: 29 Sep 2018 02:19

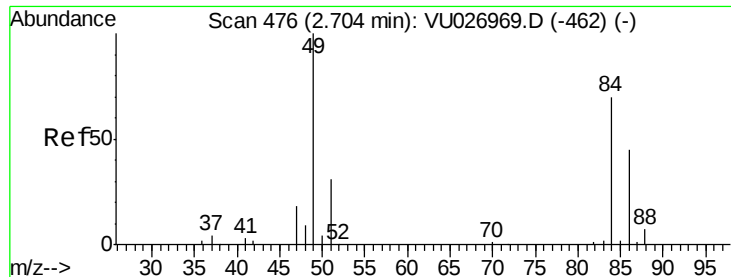
Tgt Ion: 43 Resp: 3379

Ion Ratio Lower Upper

43 100

74 17.5 16.6 25.0

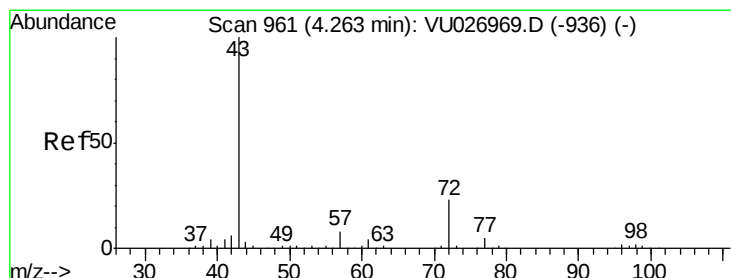
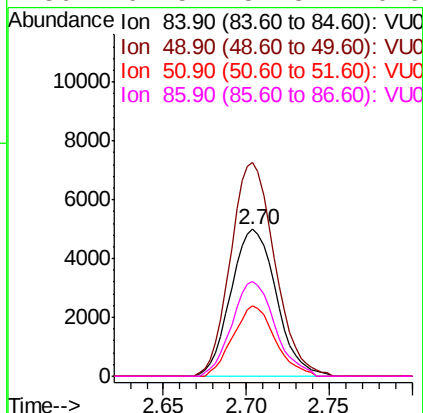
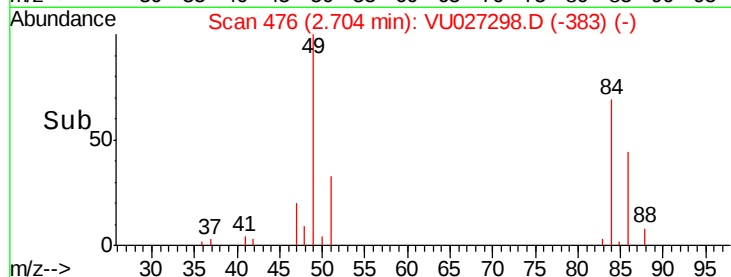
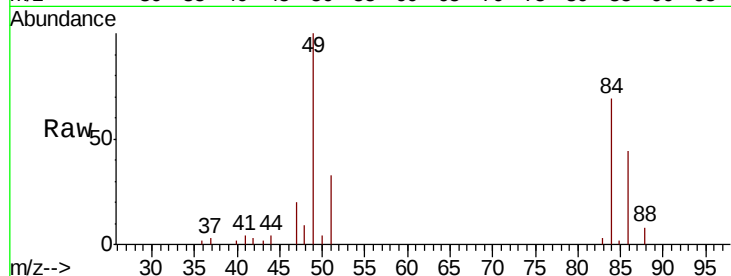




#20
Methylene Chloride
Concen: 5.113 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

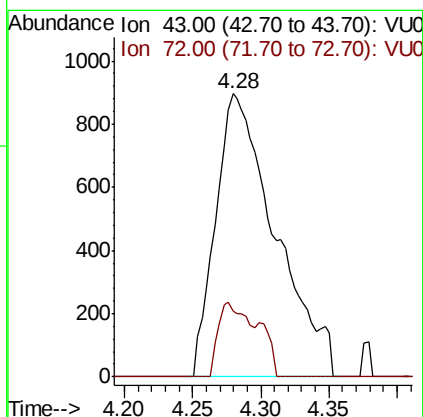
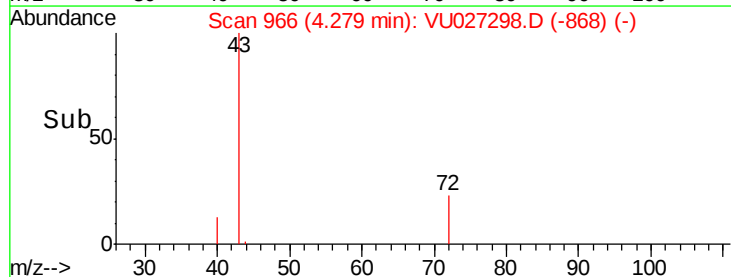
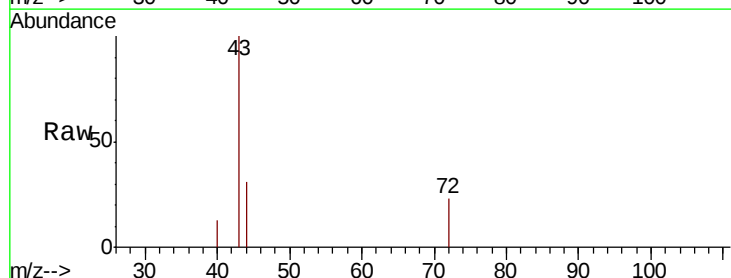
Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

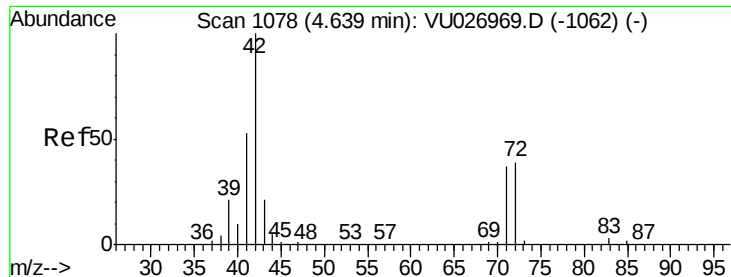
Tgt Ion: 84 Resp: 9544
Ion Ratio Lower Upper
84 100
49 145.6 114.9 172.3
51 48.2 35.8 53.8
86 64.5 51.3 76.9



#25
2-Butanone
Concen: 1.550 ug/l
RT: 4.28 min Scan# 966
Delta R.T. 0.02 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 2715
Ion Ratio Lower Upper
43 100
72 23.3 18.4 27.6





#29

Tetrahydrofuran

Concen: 0.744 ug/l

RT: 4.66 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

NB-08-092718

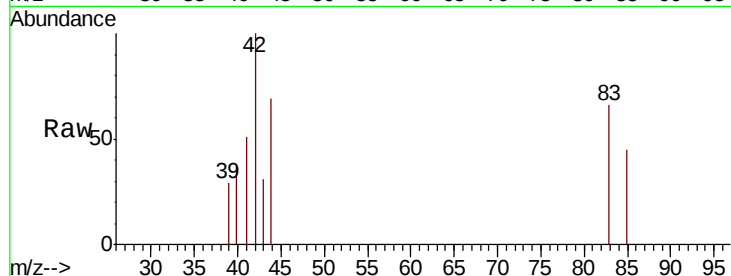
Tgt Ion: 42 Resp: 788

Ion Ratio Lower Upper

42 100

72 0.0 31.7 47.5#

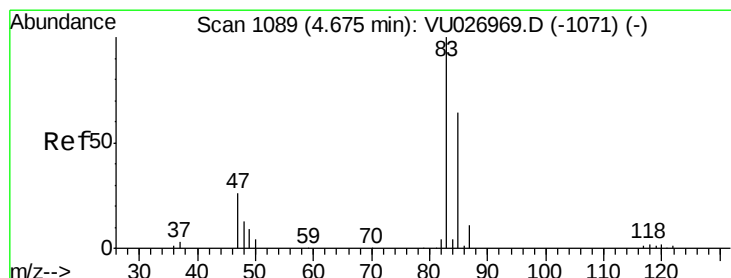
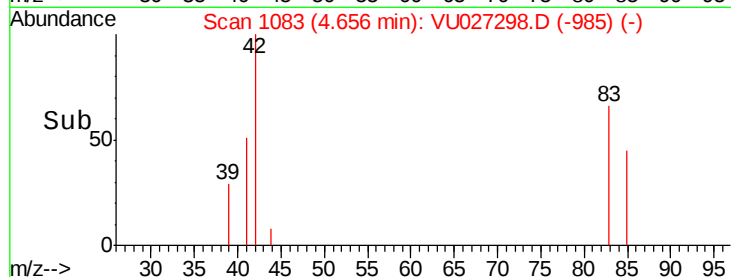
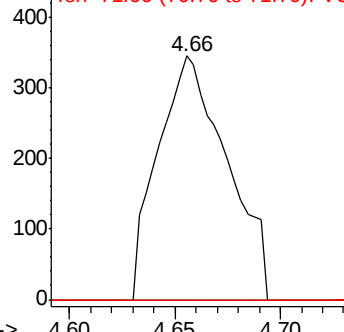
71 0.0 29.6 44.4#



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: 0.608 ug/l

RT: 4.68 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VU027298.D

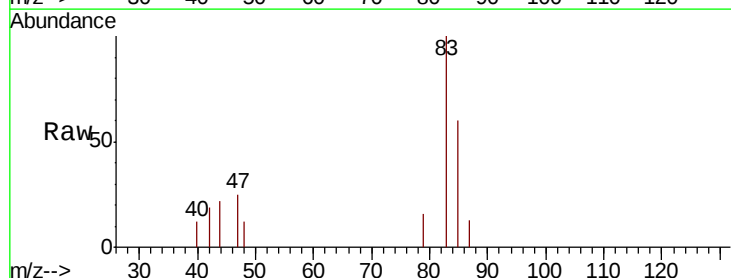
Acq: 29 Sep 2018 02:19

Tgt Ion: 83 Resp: 1927

Ion Ratio Lower Upper

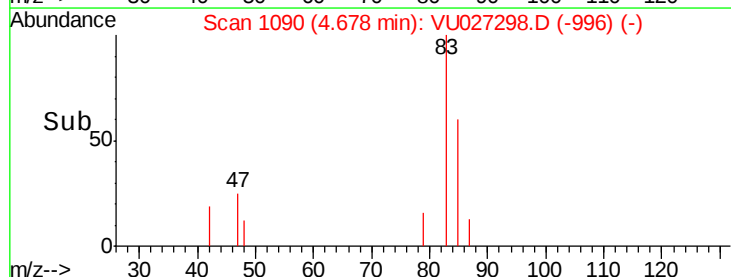
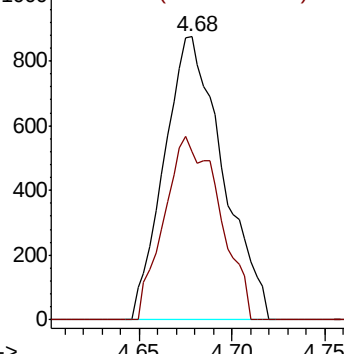
83 100

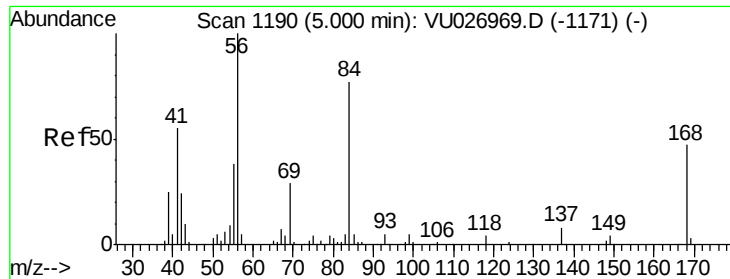
85 59.6 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

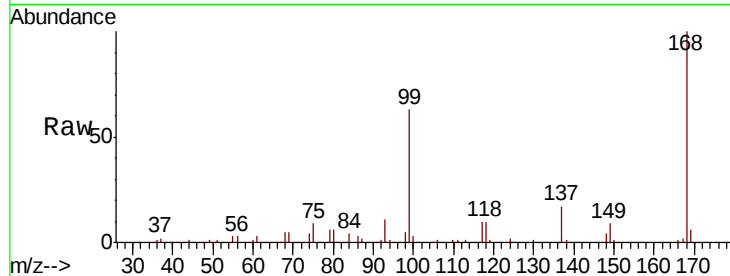




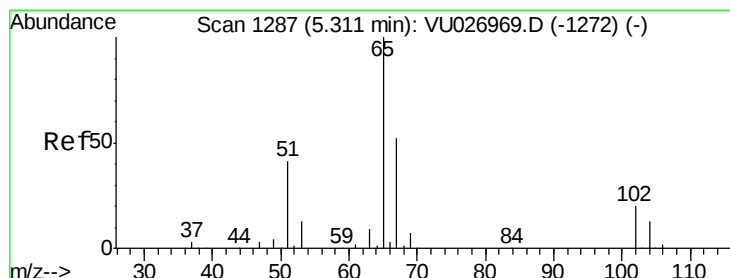
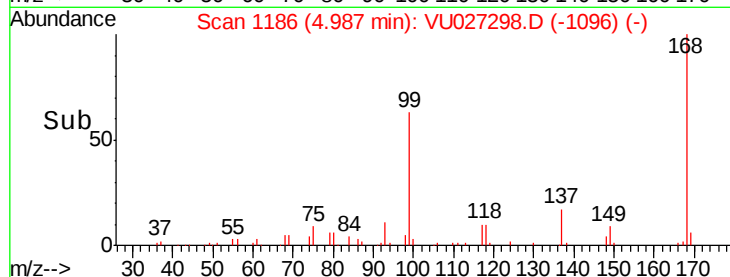
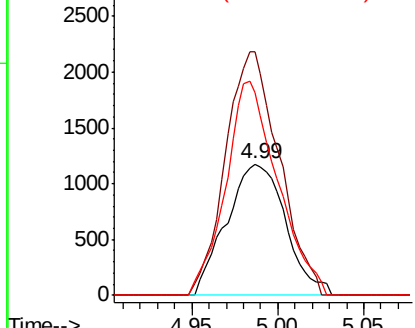
#31
Cyclohexane
Concen: 0.338 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tgt Ion: 56 Resp: 2824
Ion Ratio Lower Upper
56 100
69 184.9 23.0 34.4#
84 154.1 61.4 92.2#

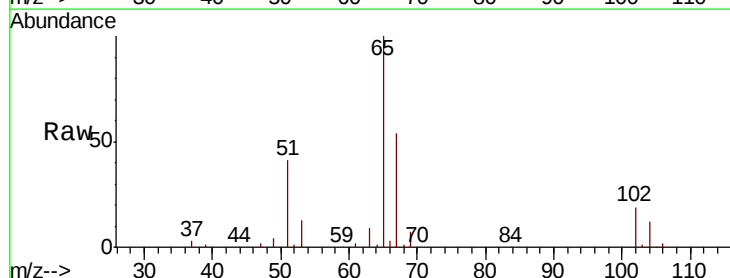


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

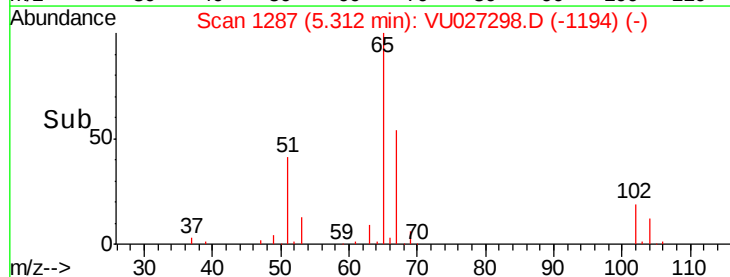
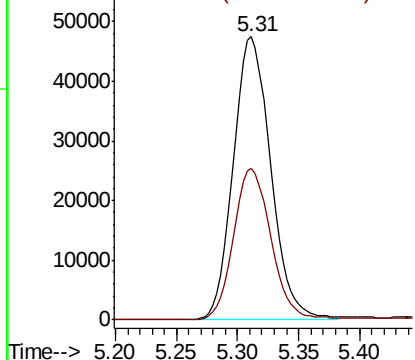


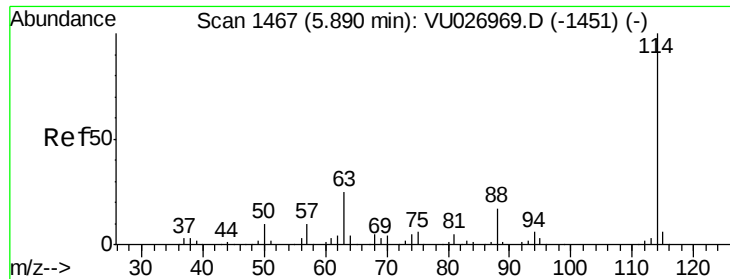
#33
1,2-Dichloroethane-d4
Concen: 48.608 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 65 Resp: 101303
Ion Ratio Lower Upper
65 100
67 53.7 0.0 105.6



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

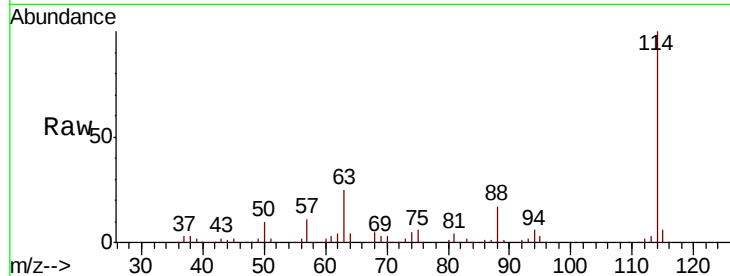




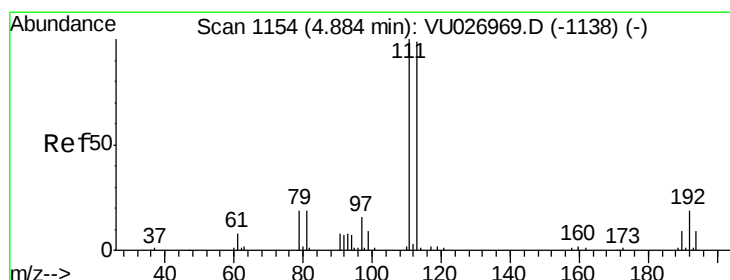
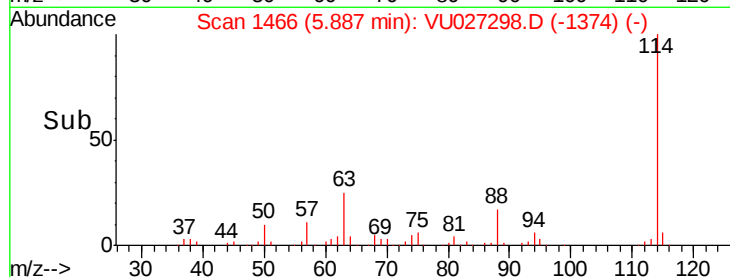
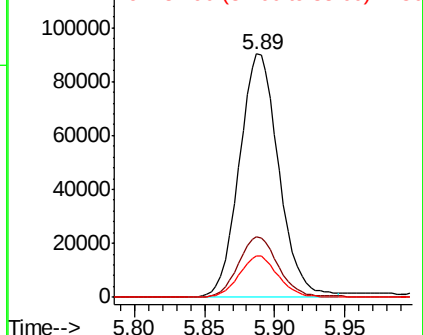
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

Tgt Ion:114 Resp: 177369
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.2 0.0 33.8

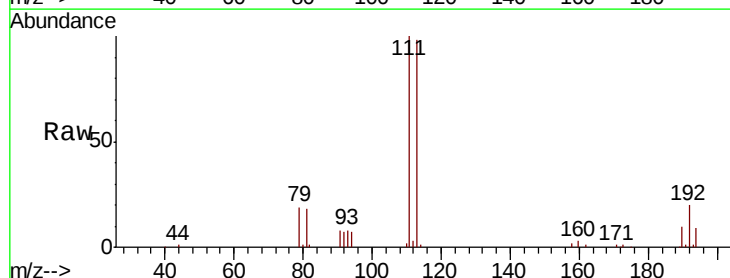


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VU0
 Ion 87.90 (87.60 to 88.60): VU0

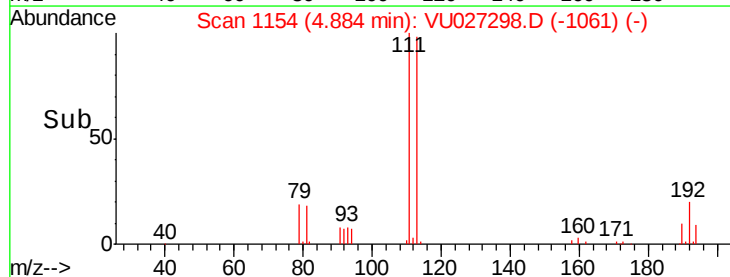
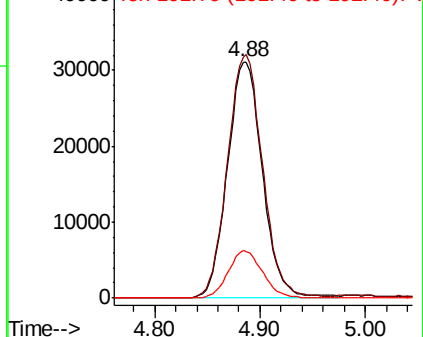


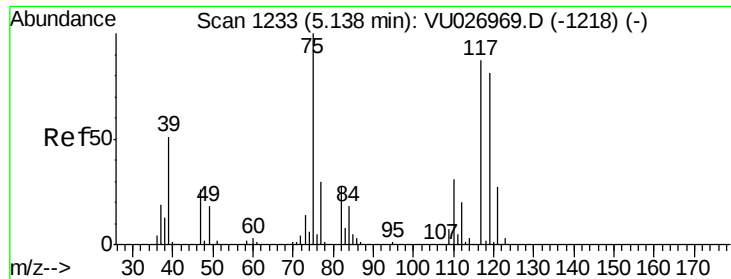
#35
 Dibromofluoromethane
 Concen: 46.611 ug/l
 RT: 4.88 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Tgt Ion:113 Resp: 71662
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.4
 192 19.5 15.2 22.8



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

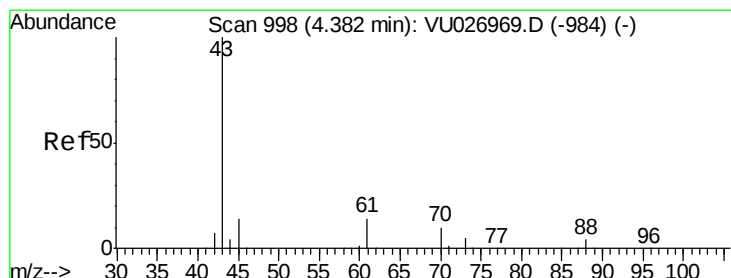
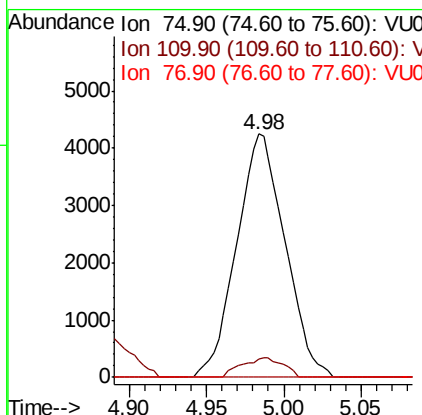
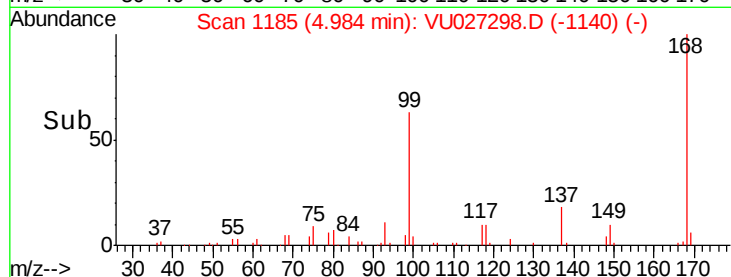
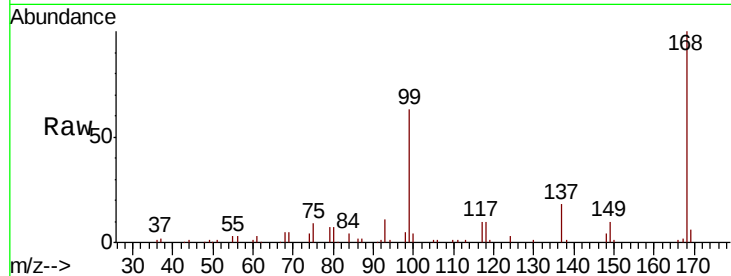




#36
 1,1-Dichloropropene
 Concen: 3.896 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

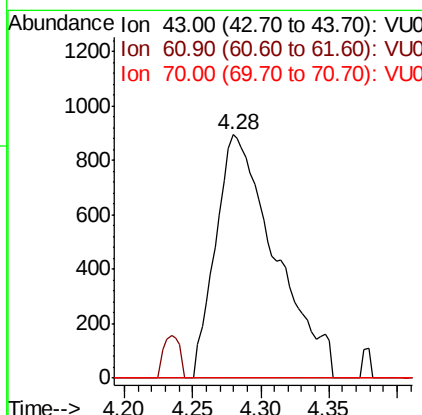
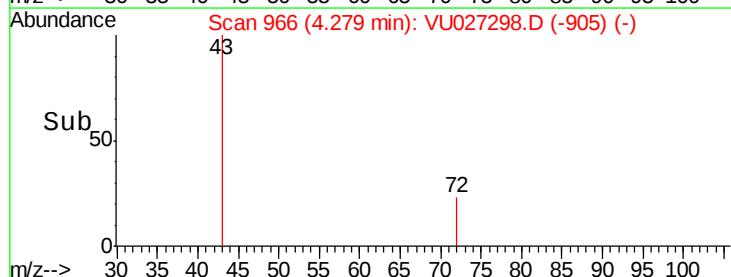
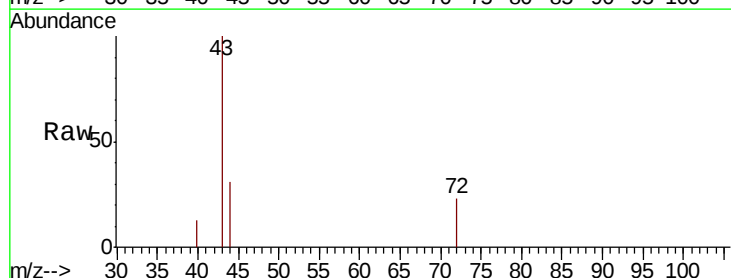
Instrument :
 MSVOA_U
 ClientSampled :
 NB-08-092718

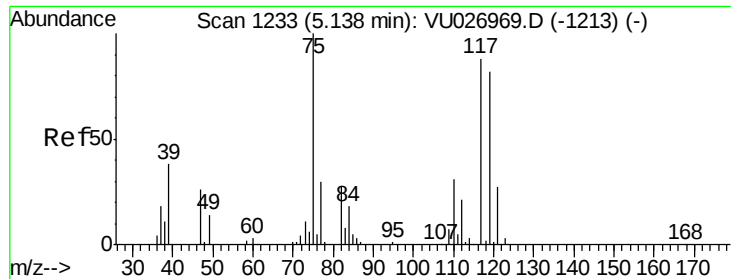
Tgt Ion: 75 Resp: 9223
 Ion Ratio Lower Upper
 75 100
 110 7.0 16.1 48.2#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 0.847 ug/l
 RT: 4.28 min Scan# 966
 Delta R.T. -0.10 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 2715
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.5 15.7#
 70 0.0 7.4 11.0#

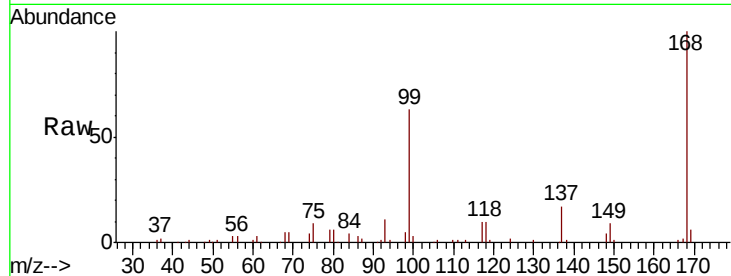




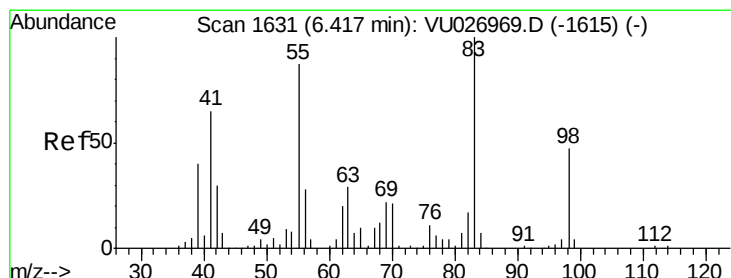
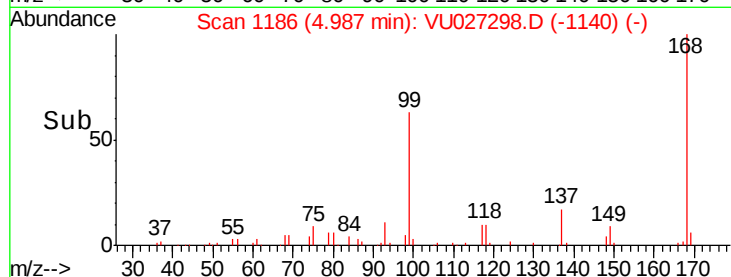
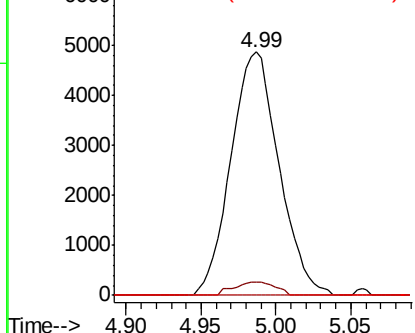
#38
Carbon Tetrachloride
Concen: 4.833 ug/l
RT: 4.99 min Scan# 1186
Delta R.T. -0.15 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tgt Ion: 117 Resp: 10887
Ion Ratio Lower Upper
117 100
119 5.4 74.4 111.6#
121 0.0 24.2 36.4#

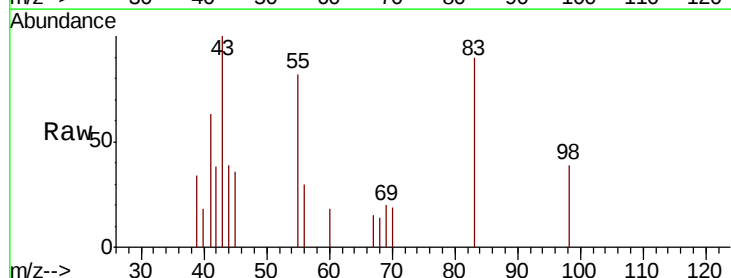


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

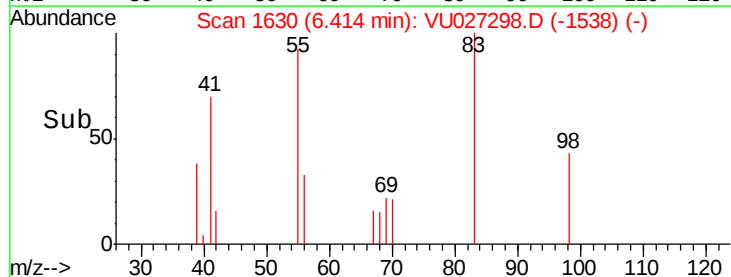
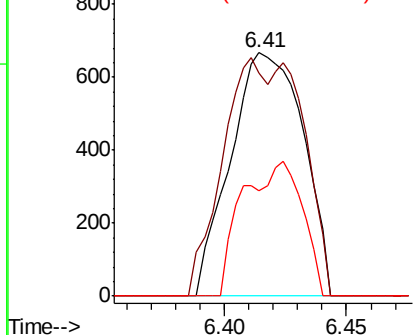


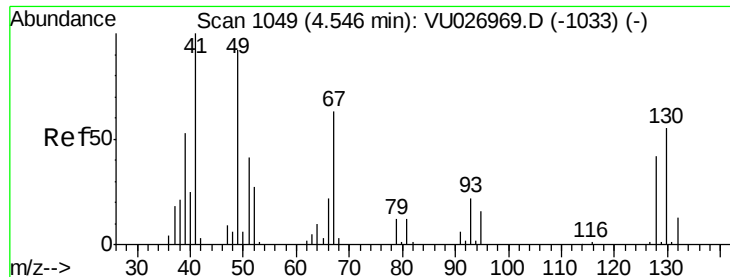
#39
Methylcyclohexane
Concen: 0.536 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 83 Resp: 1380
Ion Ratio Lower Upper
83 100
55 91.6 69.9 104.9
98 43.3 37.5 56.3



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

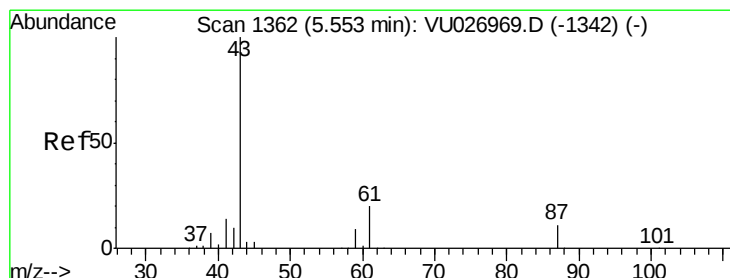
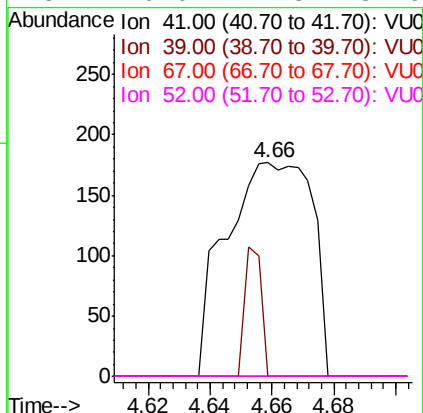
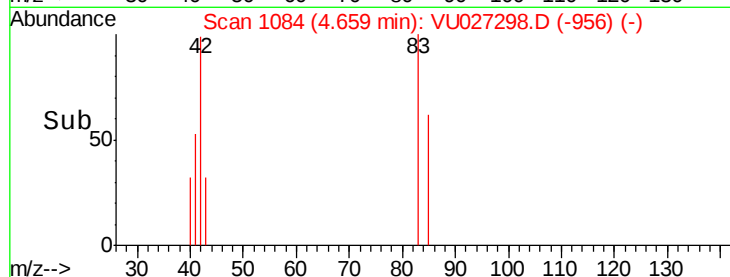
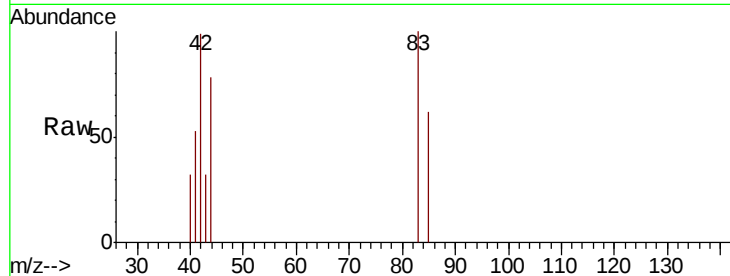




#41
Methacrylonitrile
Concen: 0.207 ug/l
RT: 4.66 min Scan# 1084
Delta R.T. 0.11 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

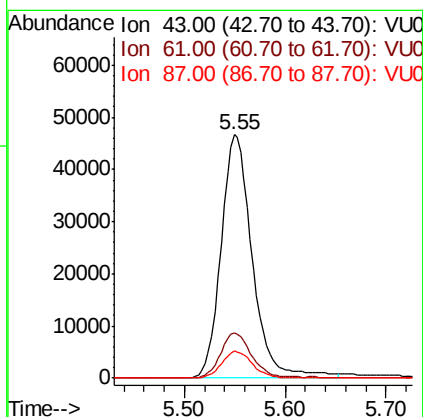
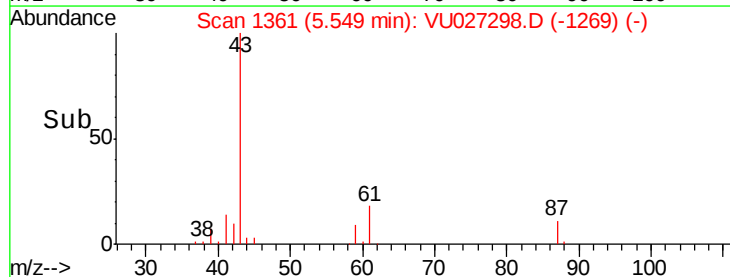
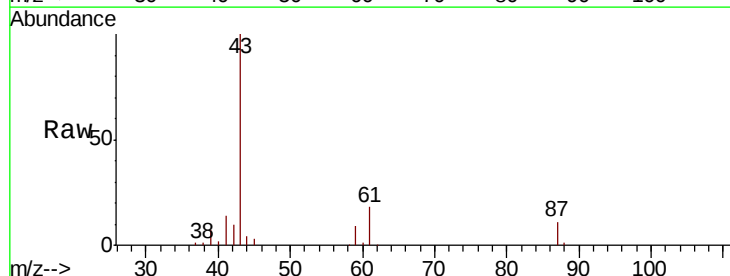
Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

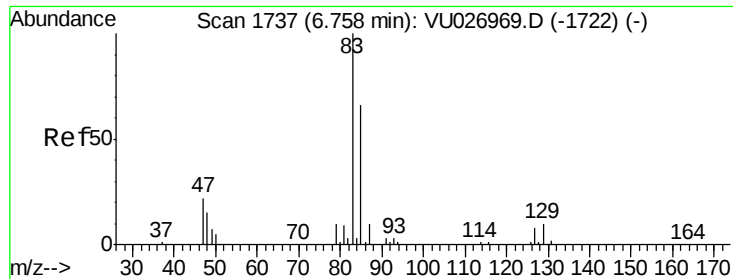
Tgt Ion: 41 Resp: 344
Ion Ratio Lower Upper
41 100
39 11.6 42.9 64.3#
67 0.0 52.4 78.6#
52 0.0 21.3 31.9#



#43
Isopropyl Acetate
Concen: 21.587 ug/l
RT: 5.55 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 100885
Ion Ratio Lower Upper
43 100
61 18.5 15.7 23.5
87 10.9 9.0 13.4





#47

Bromodichloromethane

Concen: 0.249 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

NB-08-092718

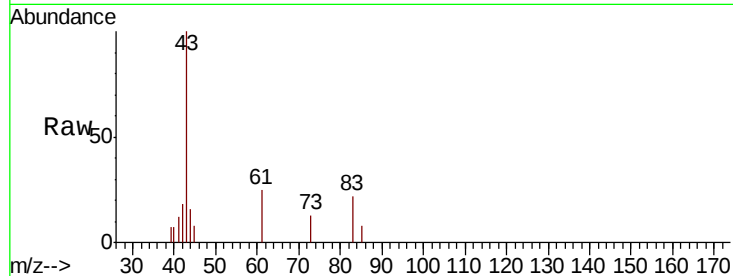
Tgt Ion: 83 Resp: 624

Ion Ratio Lower Upper

83 100

85 36.2 52.5 78.7#

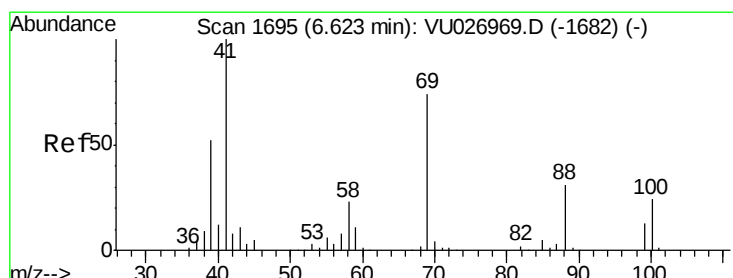
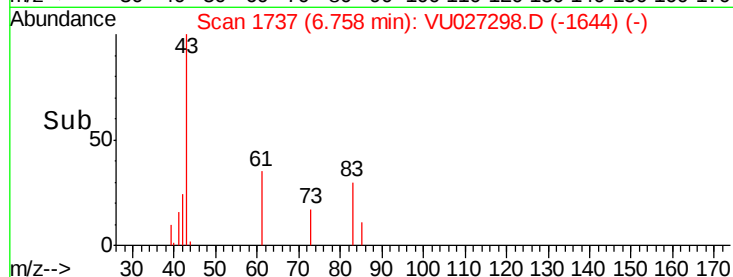
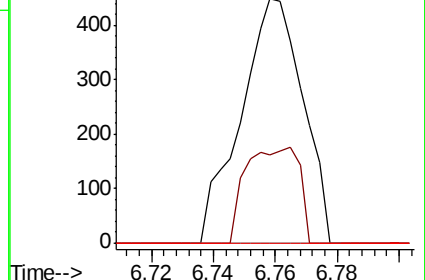
127 0.0 6.3 9.5#



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

Ion 126.80 (126.50 to 127.50): VU0



#48

Methyl methacrylate

Concen: 2.527 ug/l

RT: 6.54 min Scan# 1668

Delta R.T. -0.09 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

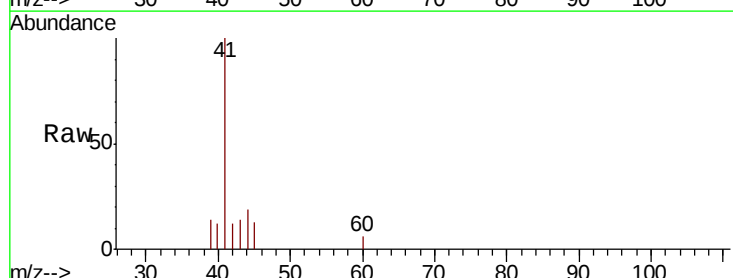
Tgt Ion: 41 Resp: 3934

Ion Ratio Lower Upper

41 100

69 0.0 60.6 90.8#

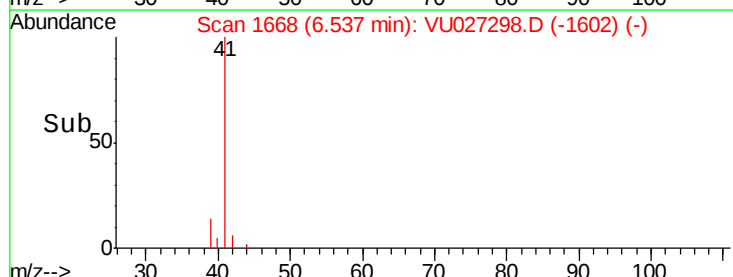
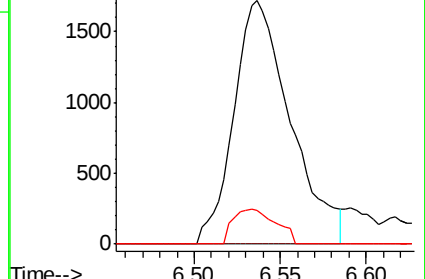
39 10.9 42.8 64.2#

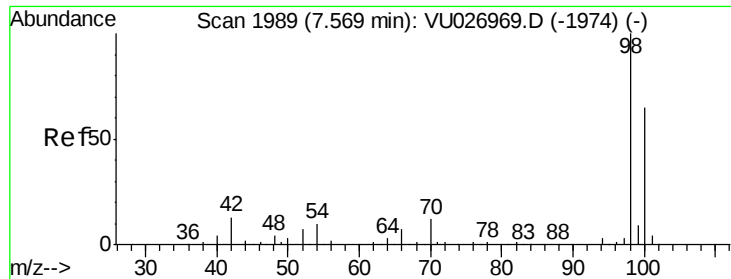


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 39.00 (38.70 to 39.70): VU0





#50

Toluene-d8

Concen: 47.685 ug/l

RT: 7.57 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

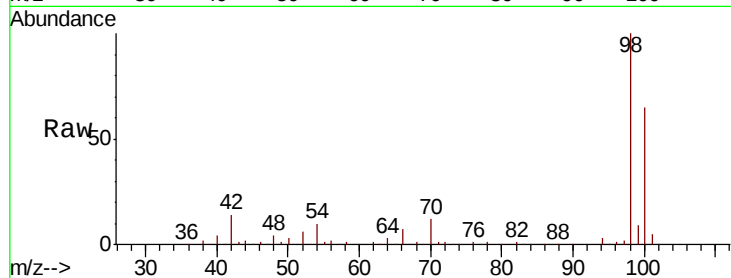
NB-08-092718

Tgt Ion: 98 Resp: 279398

Ion Ratio Lower Upper

98 100

100 64.4 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VU026969.D (-1974) (-)

Ion 100.00 (99.70 to 100.70): VU026969.D (-1974) (-)

7.57

150000

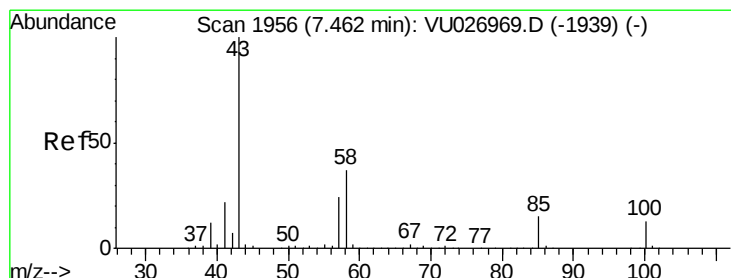
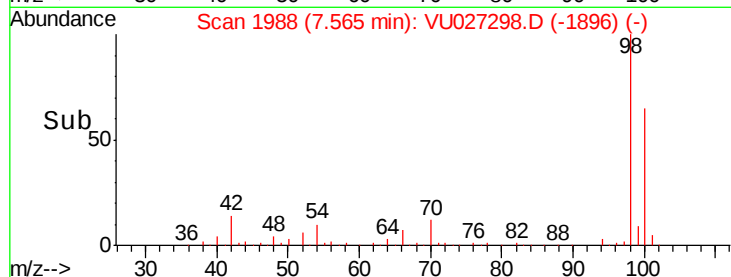
100000

50000

0

7.50 7.60 7.70

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.275 ug/l

RT: 7.47 min Scan# 1958

Delta R.T. 0.01 min

Lab File: VU027298.D

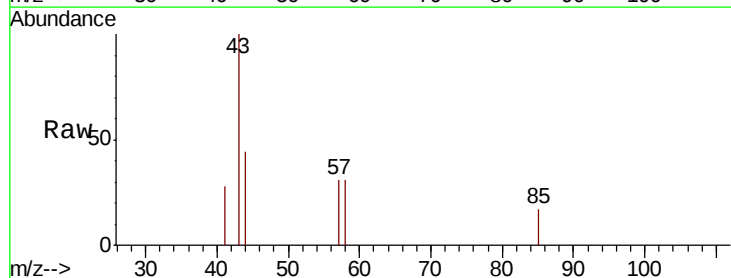
Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 863

Ion Ratio Lower Upper

43 100

58 38.2 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VU026969.D (-1939) (-)

Ion 58.00 (57.70 to 58.70): VU026969.D (-1939) (-)

7.47

800

600

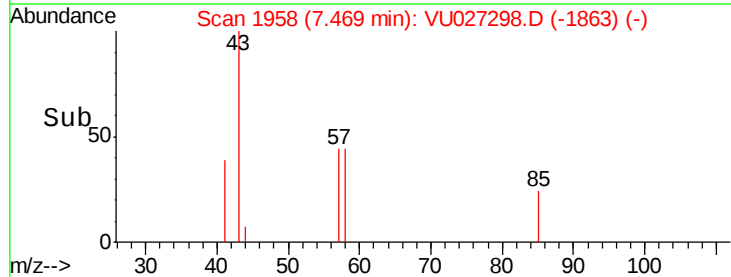
400

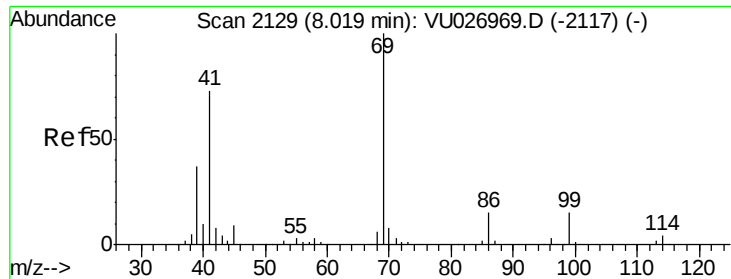
200

0

7.45 7.50

Time-->

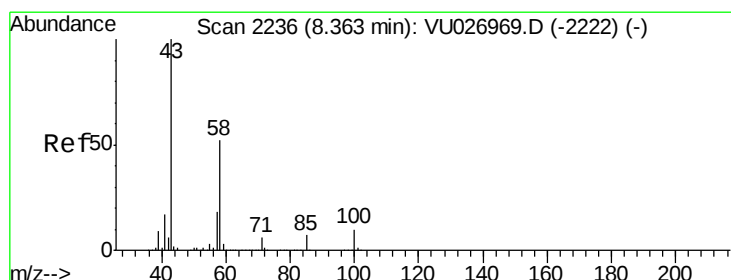
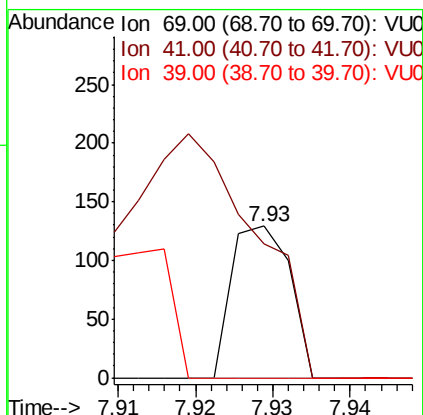
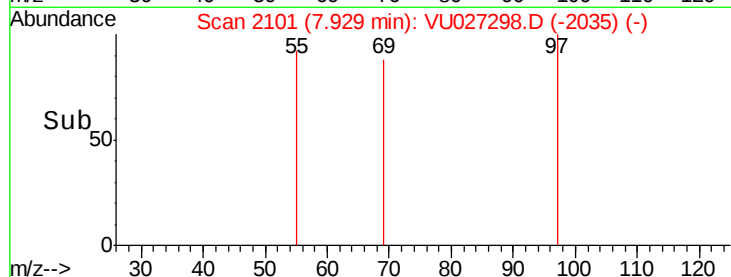
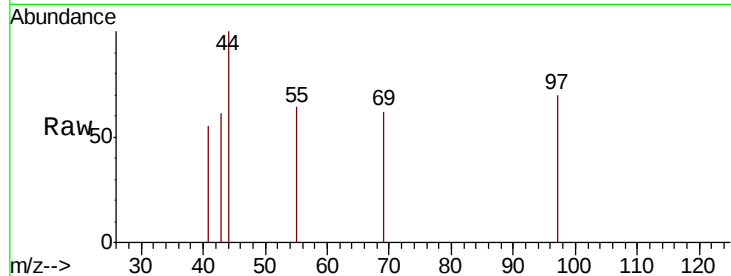




#56
Ethyl methacrylate
Concen: 2.215 ug/l
RT: 7.93 min Scan# 2101
Delta R.T. -0.09 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

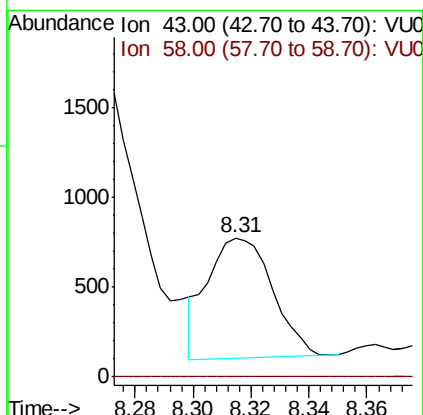
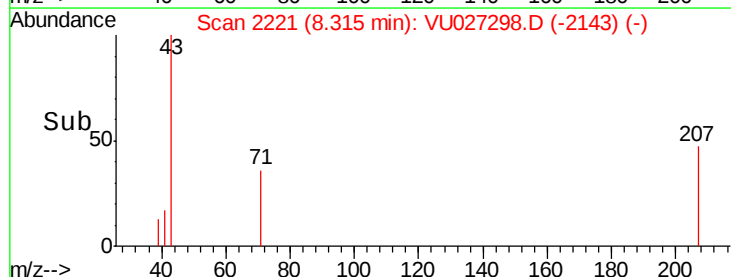
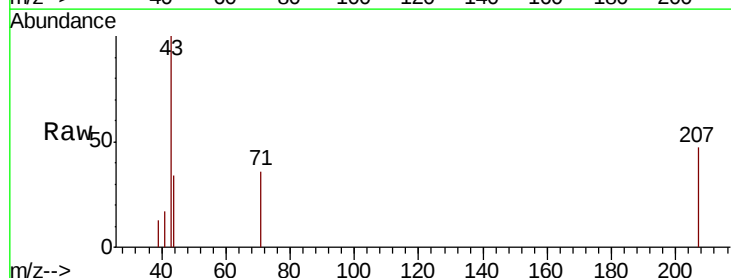
Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

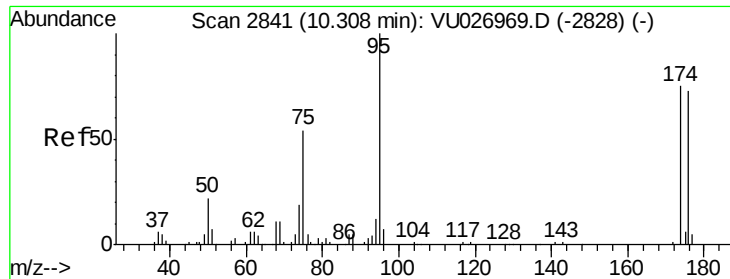
Tgt Ion: 69 Resp: 68
Ion Ratio Lower Upper
69 100
41 407.4 59.0 88.4#
39 150.0 30.2 45.4#



#59
2-Hexanone
Concen: 0.421 ug/l
RT: 8.31 min Scan# 2221
Delta R.T. -0.05 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 43 Resp: 1036
Ion Ratio Lower Upper
43 100
58 0.0 26.1 78.2#

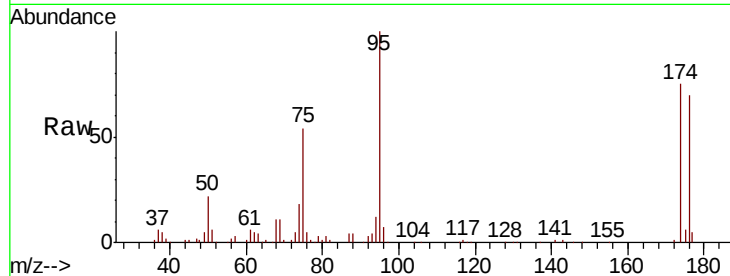




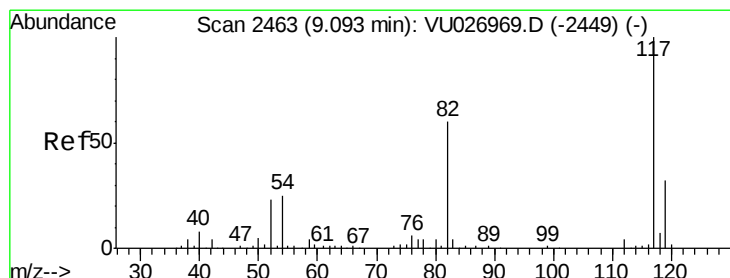
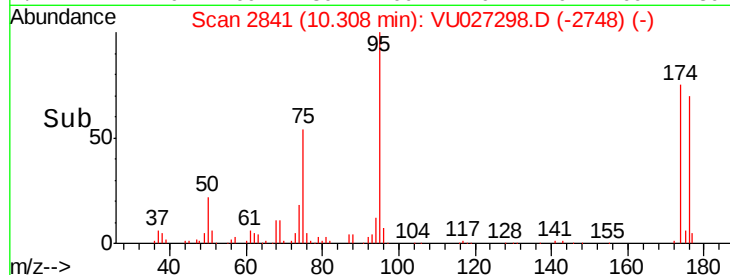
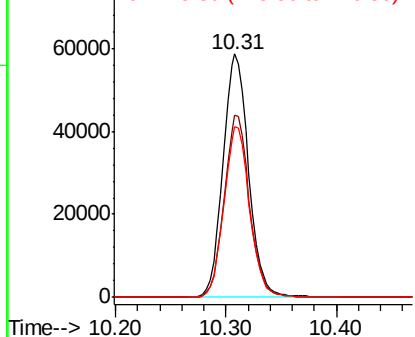
#62
4-Bromofluorobenzene
Concen: 46.925 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tgt Ion: 95 Resp: 94342
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.2
176 70.3 0.0 145.2

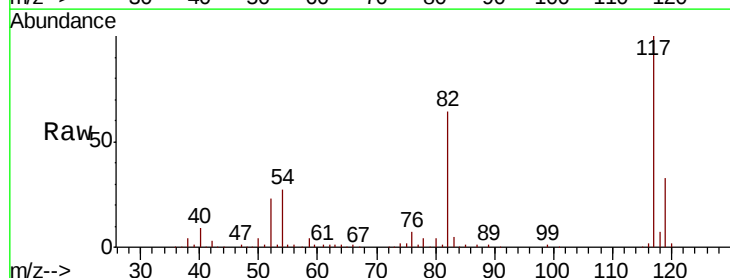


Abundance Ion 94.90 (94.60 to 95.60): VU026969.D (-2828) (-)
Ion 173.80 (173.50 to 174.50): VU026969.D (-2828) (-)
Ion 175.80 (175.50 to 176.50): VU026969.D (-2828) (-)

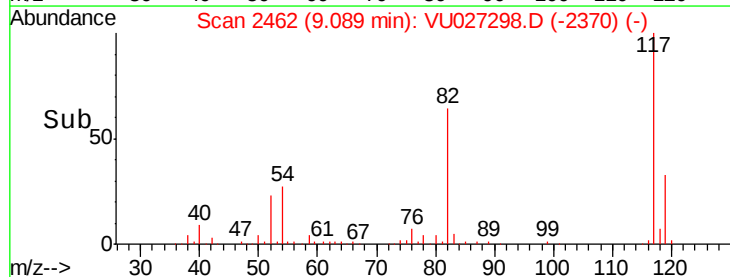
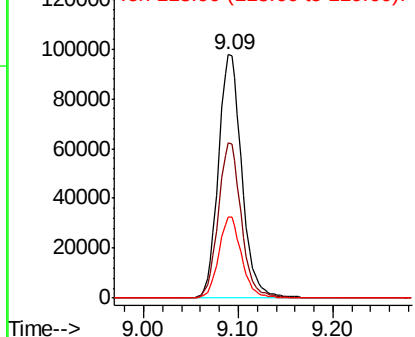


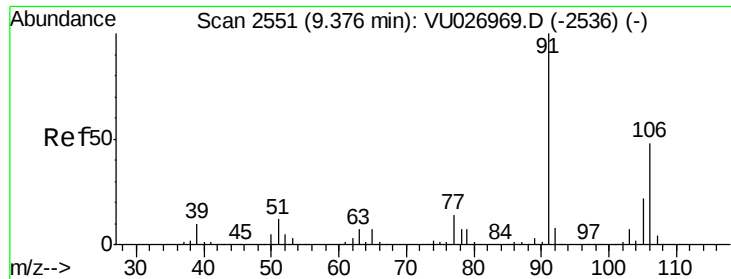
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. -0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 117 Resp: 168124
Ion Ratio Lower Upper
117 100
82 64.0 48.0 72.0
119 33.2 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): VU026969.D (-2449) (-)
Ion 82.00 (81.70 to 82.70): VU026969.D (-2449) (-)
Ion 118.90 (118.60 to 119.60): VU026969.D (-2449) (-)

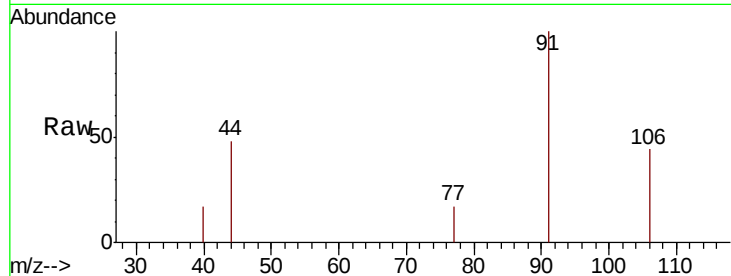




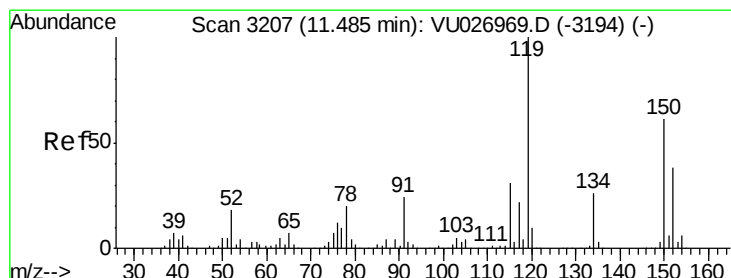
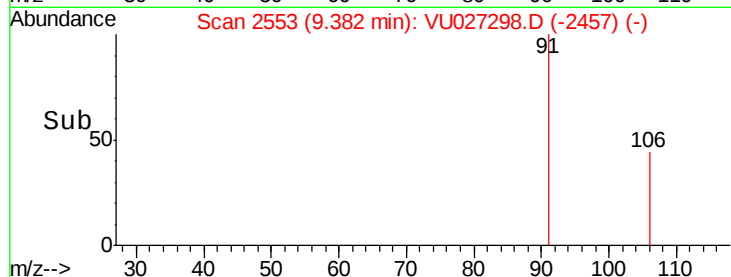
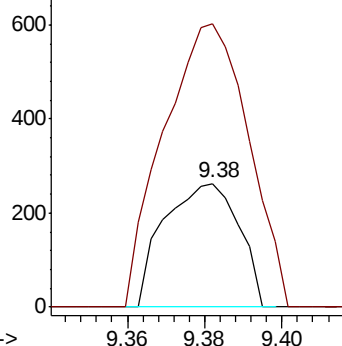
#68
m/p-Xylenes
Concen: 1.617 ug/l
RT: 9.38 min Scan# 2553
Delta R.T. 0.01 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tgt Ion:106 Resp: 352
Ion Ratio Lower Upper
106 100
91 260.2 166.5 249.7#

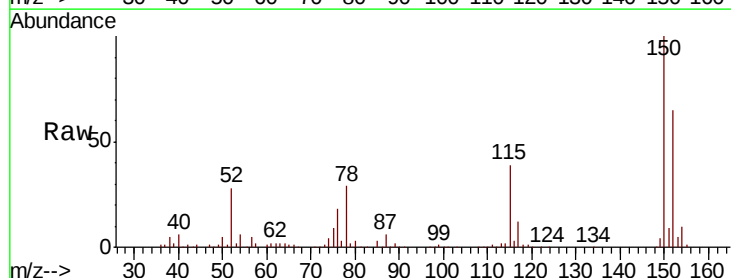


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

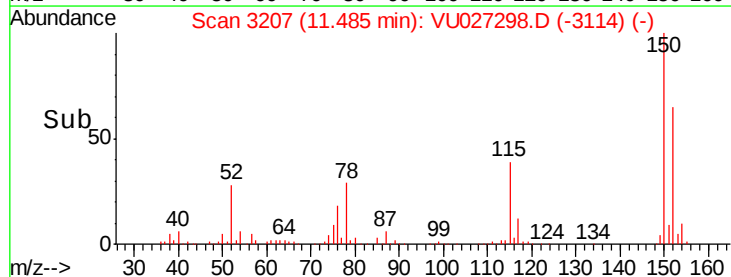
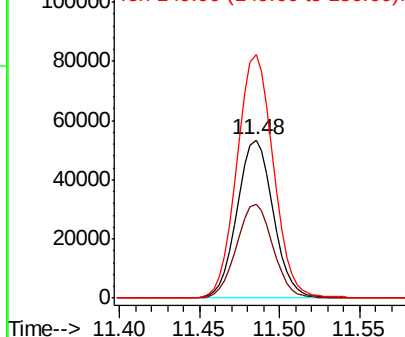


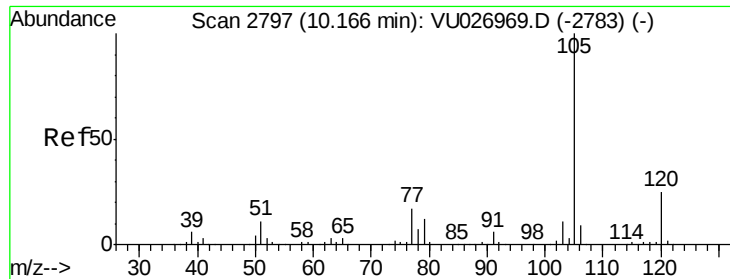
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion:152 Resp: 82160
Ion Ratio Lower Upper
152 100
115 59.9 44.9 134.5
150 155.7 0.0 355.8



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





#73

Isopropylbenzene

Concen: 0.412 ug/l

RT: 10.17 min Scan# 2798

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

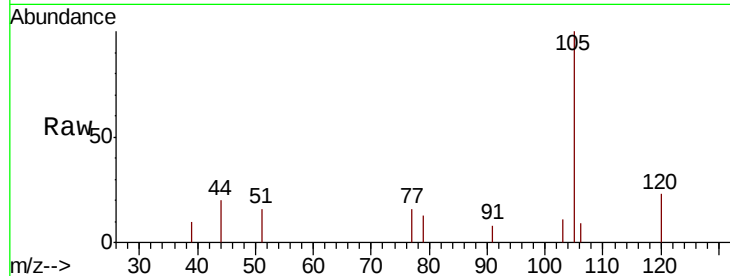
NB-08-092718

Tgt Ion: 105 Resp: 2574

Ion Ratio Lower Upper

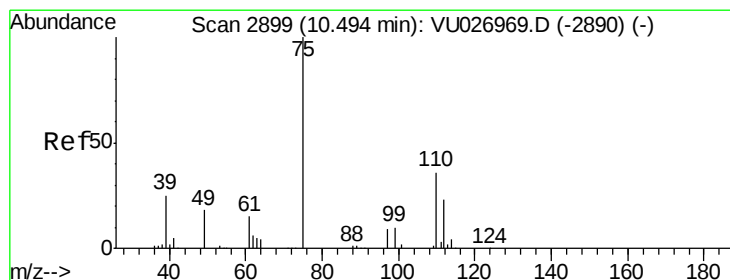
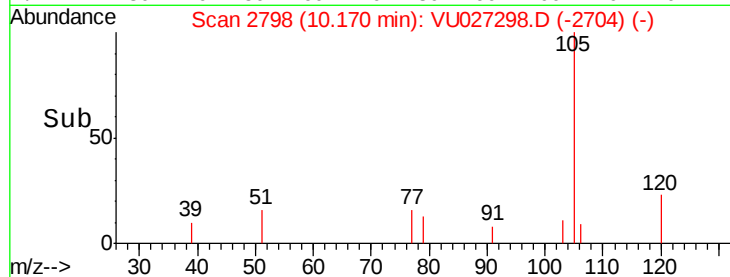
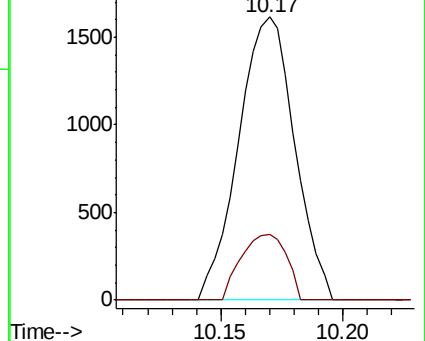
105 100

120 18.8 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 19.998 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027298.D

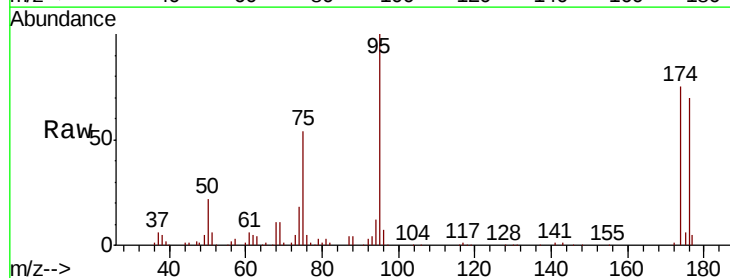
Acq: 29 Sep 2018 02:19

Tgt Ion: 75 Resp: 49914

Ion Ratio Lower Upper

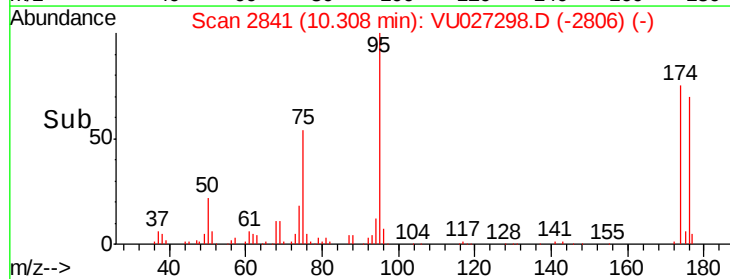
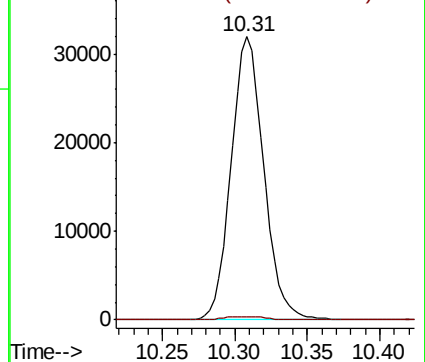
75 100

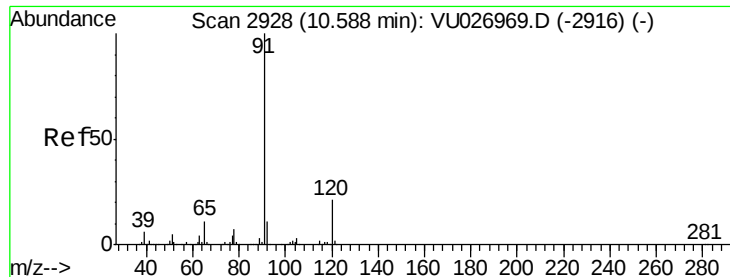
77 1.4 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#78

n-propylbenzene

Concen: 0.646 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

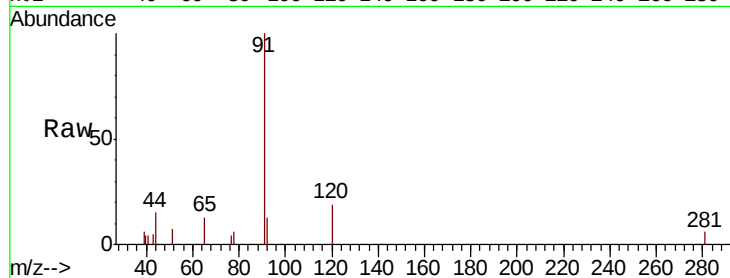
NB-08-092718

Tgt Ion: 91 Resp: 4774

Ion Ratio Lower Upper

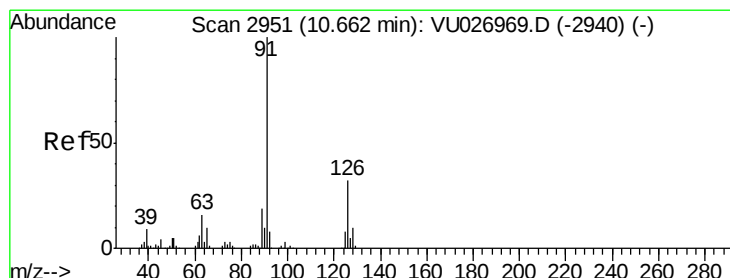
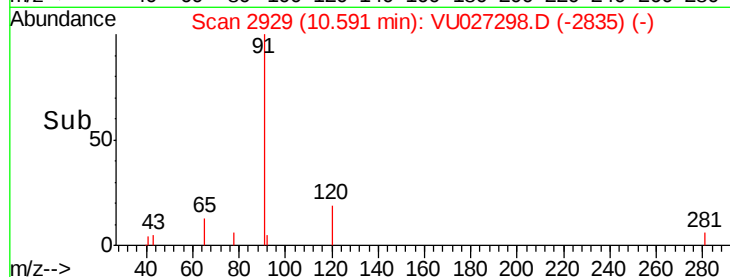
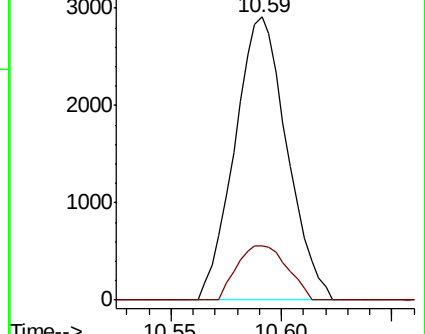
91 100

120 18.4 10.6 31.8



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.028 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. -0.07 min

Lab File: VU027298.D

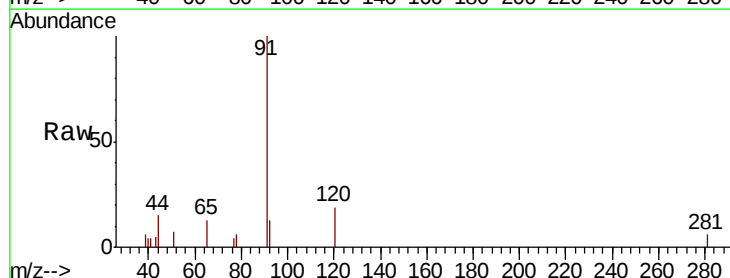
Acq: 29 Sep 2018 02:19

Tgt Ion: 91 Resp: 4774

Ion Ratio Lower Upper

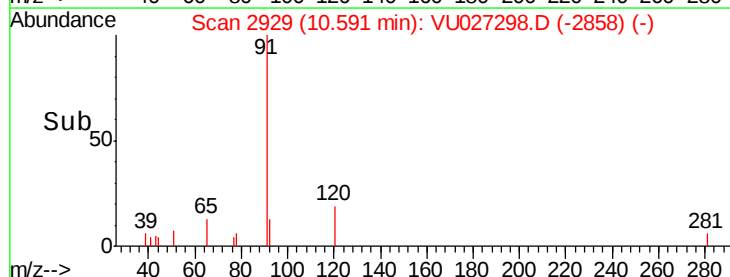
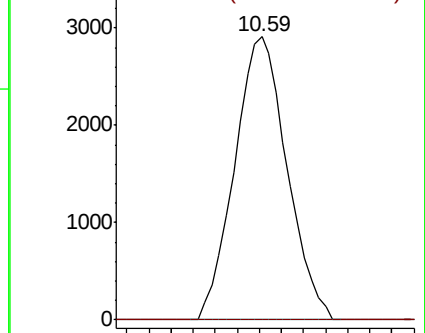
91 100

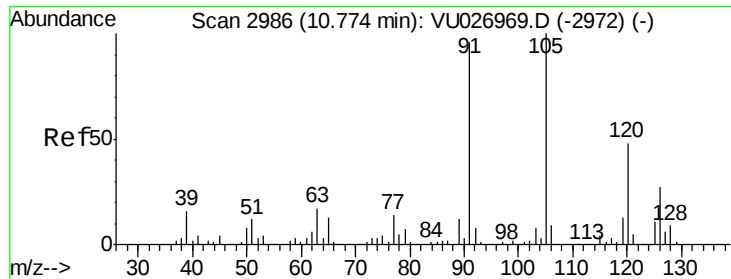
126 0.0 15.8 47.3#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 0.274 ug/l

RT: 10.78 min Scan# 2987

Delta R.T. 0.00 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

Instrument :

MSVOA_U

ClientSampleId :

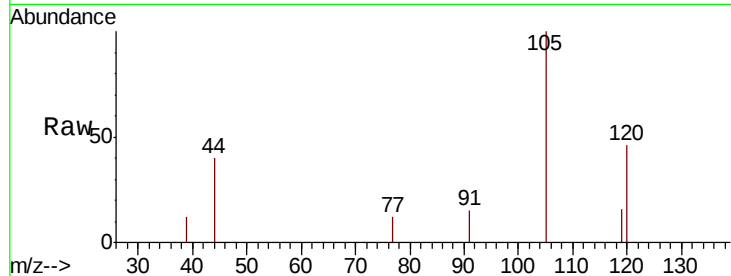
NB-08-092718

Tgt Ion:105 Resp: 1412

Ion Ratio Lower Upper

105 100

120 46.7 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

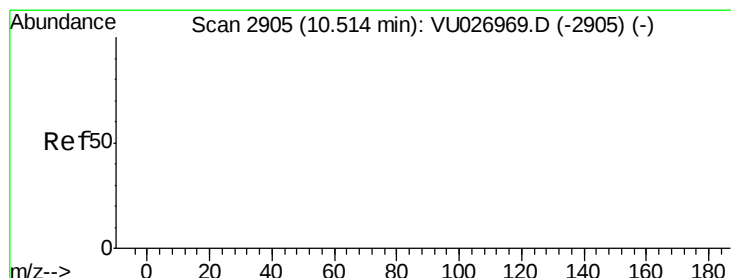
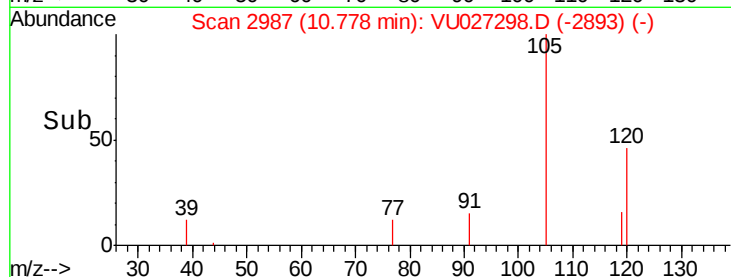
Ion 120.00 (119.70 to 120.70): V

10.78

10.75

10.80

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 63.996 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.21 min

Lab File: VU027298.D

Acq: 29 Sep 2018 02:19

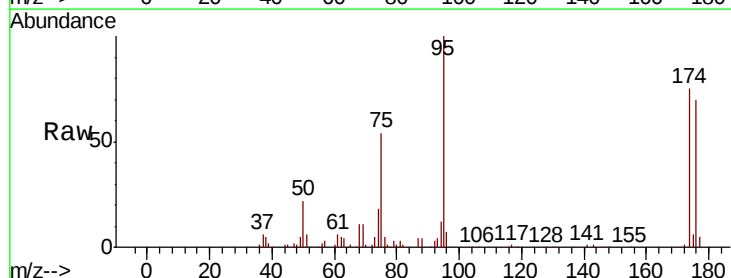
Tgt Ion: 75 Resp: 49914

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

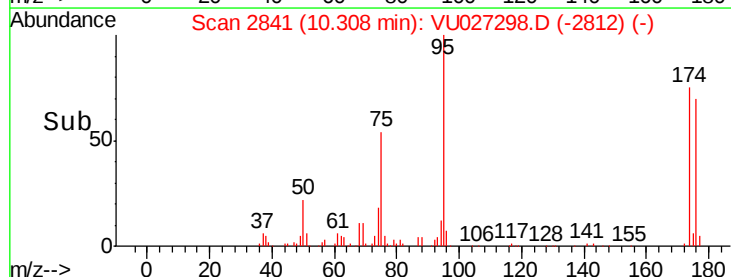
10.31

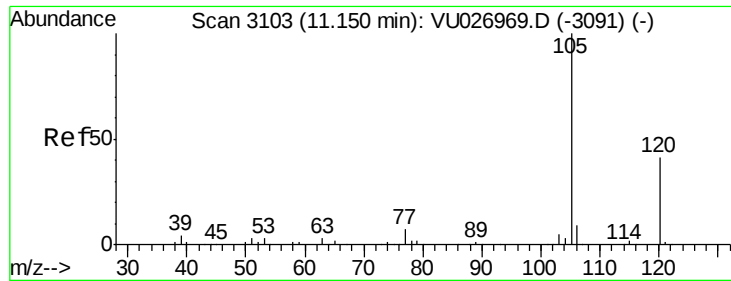
10.25

10.35

10.40

Time-->

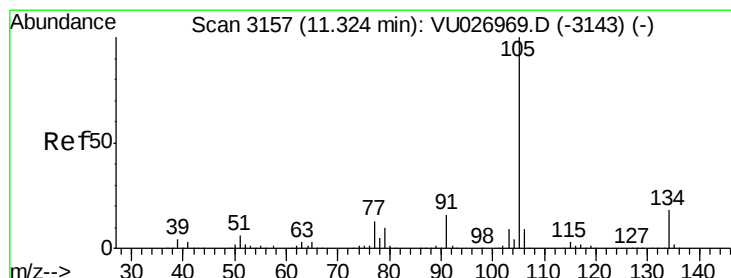
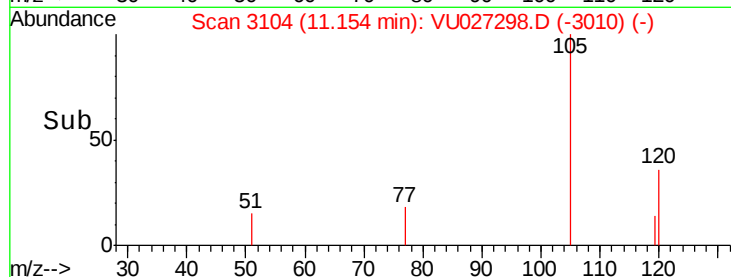
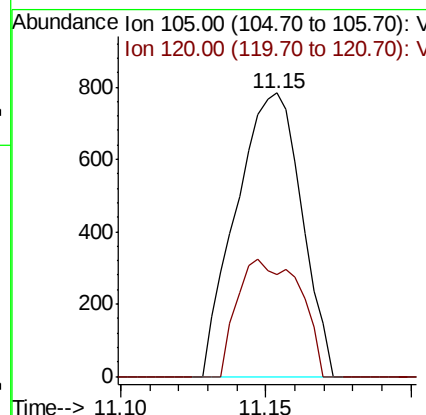
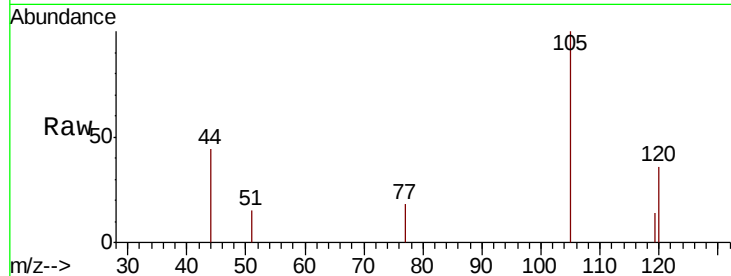




#84
 1,2,4-Trimethylbenzene
 Concen: 0.233 ug/l
 RT: 11.15 min Scan# 3104
 Delta R.T. 0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

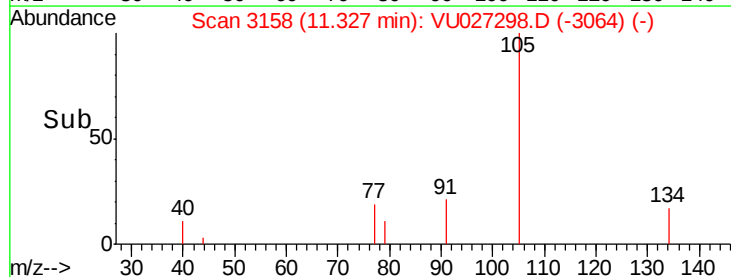
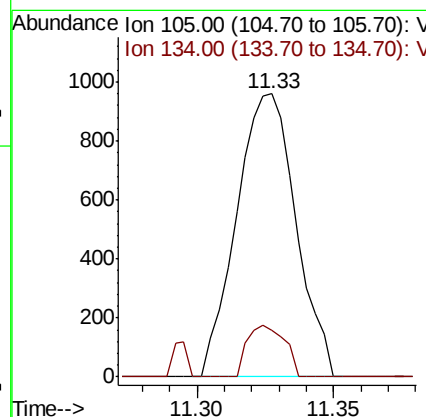
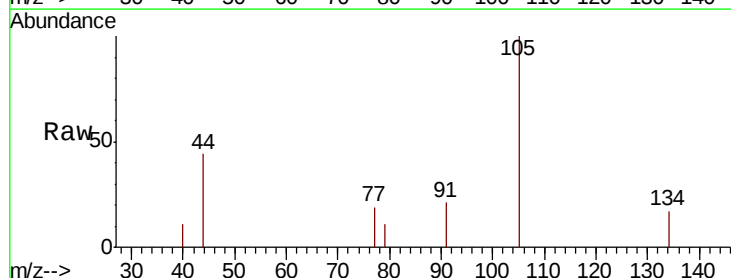
Instrument :
 MSVOA_U
 ClientSampleId :
 NB-08-092718

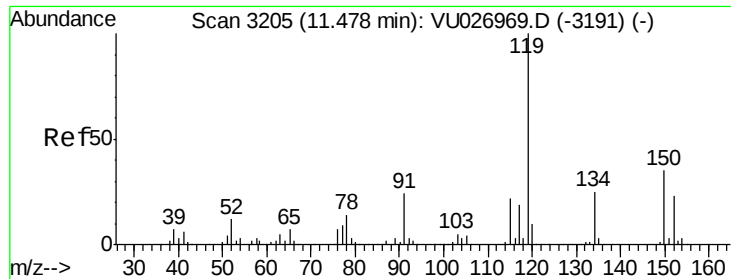
Tgt Ion:105 Resp: 1225
 Ion Ratio Lower Upper
 105 100
 120 39.5 22.4 67.2



#85
 sec-Butylbenzene
 Concen: 0.232 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: VU027298.D
 Acq: 29 Sep 2018 02:19

Tgt Ion:105 Resp: 1447
 Ion Ratio Lower Upper
 105 100
 134 11.4 9.4 28.2

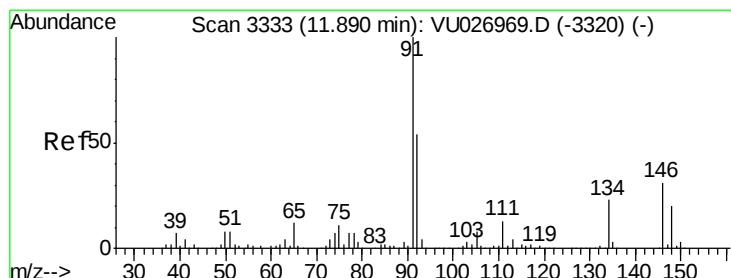
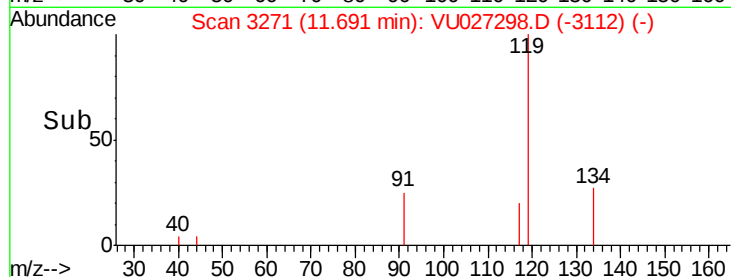
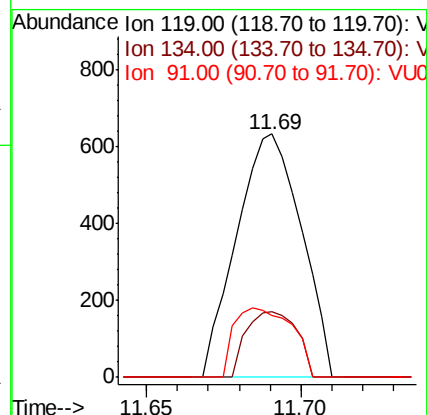
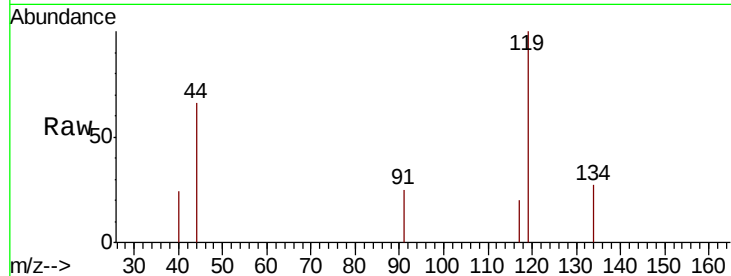




#86
p-Isopropyltoluene
Concen: 1.081 ug/l
RT: 11.69 min Scan# 3271
Delta R.T. 0.21 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

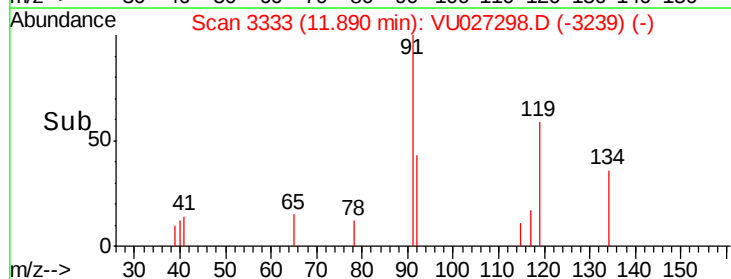
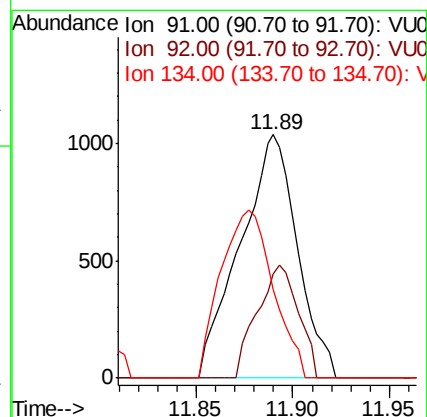
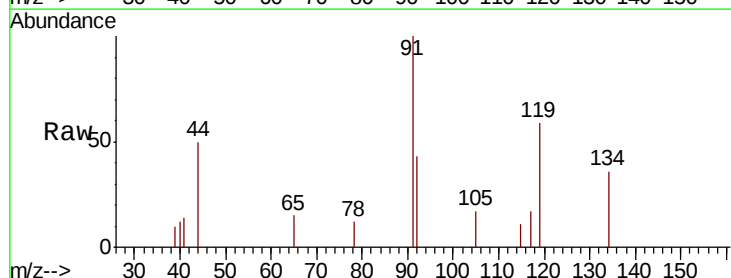
Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

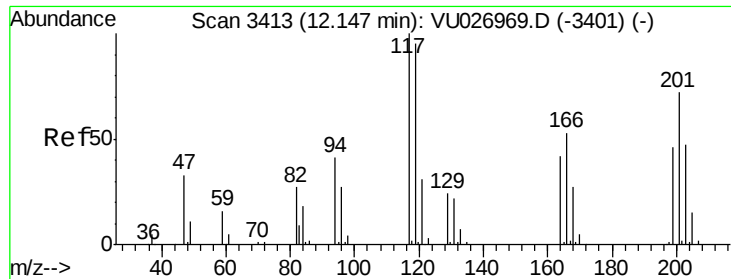
Tgt Ion: 119 Resp: 916
Ion Ratio Lower Upper
119 100
134 20.9 12.8 38.3
91 25.3 12.3 36.8



#89
n-Butylbenzene
Concen: 2.750 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion: 91 Resp: 2127
Ion Ratio Lower Upper
91 100
92 33.3 27.1 81.2
134 62.9 11.7 35.0#

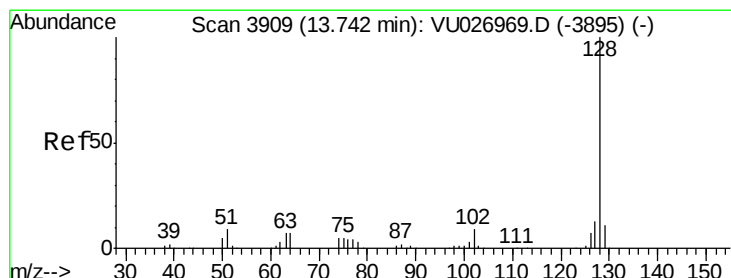
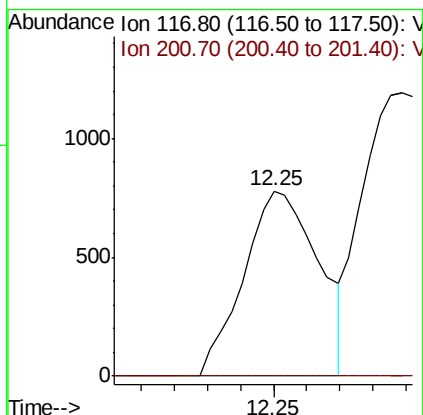
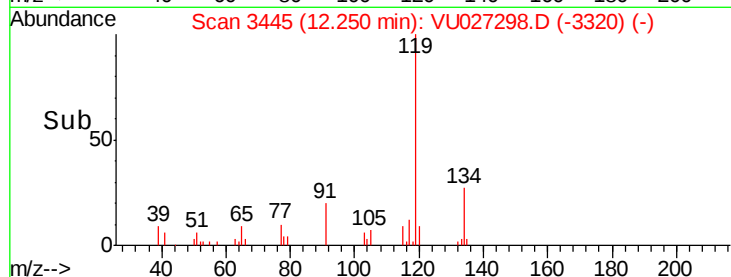
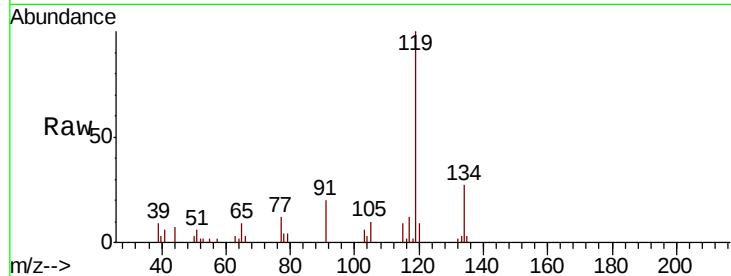




#90
Hexachloroethane
Concen: 1.080 ug/l
RT: 12.25 min Scan# 3445
Delta R.T. 0.10 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Instrument :
MSVOA_U
ClientSampleId :
NB-08-092718

Tgt Ion:117 Resp: 1223
Ion Ratio Lower Upper
117 100
201 0.0 36.8 110.3#



#95
Naphthalene
Concen: 2.759 ug/l
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU027298.D
Acq: 29 Sep 2018 02:19

Tgt Ion:128 Resp: 7531
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.4 8.6 12.8

