

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100618\
 Data File : VU027473.D
 Acq On : 05 Oct 2018 23:02
 Operator : MD/SY
 Sample : J5268-07 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

Quant Time: Oct 06 00:31:44 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	104094	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	184822	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	176352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	101158	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	100766	57.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.94%	
35) Dibromofluoromethane	4.89	113	71763	56.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.32%	
50) Toluene-d8	7.57	98	284025	59.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.82%	
62) 4-Bromofluorobenzene	10.31	95	106769	60.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.20%	

Target Compounds					Qvalue	
13) Acrolein	2.19	56	357	1.162	ug/l #	1
14) Allyl chloride	2.64	41	1623	0.622	ug/l #	48
15) Acrylonitrile	3.00	53	887	0.931	ug/l #	26
16) Acetone	2.32	43	4881	4.753	ug/l	90
18) Methyl Acetate	2.75	43	47936	20.463	ug/l #	56
20) Methylene Chloride	2.70	84	570	0.399	ug/l #	71
23) Vinyl Acetate	3.50	43	1159	0.250	ug/l #	76
25) 2-Butanone	4.28	43	1499	1.071	ug/l #	90
26) 2,2-Dichloropropane	4.11	77	659	0.294	ug/l #	56
29) Tetrahydrofuran	4.79	42	375	0.425	ug/l #	39
30) Chloroform	4.73	83	672	0.277	ug/l #	18
31) Cyclohexane	5.00	56	35006	12.378	ug/l	97
36) 1,1-Dichloropropene	4.99	75	9324	4.646	ug/l #	53
37) Ethyl Acetate	4.28	43	1499	0.578	ug/l #	70
38) Carbon Tetrachloride	4.98	117	11026	6.083	ug/l #	18
39) Methylcyclohexane	6.42	83	15058	6.419	ug/l	93
41) Methacrylonitrile	4.59	41	453	0.309	ug/l #	27
48) Methyl methacrylate	6.64	41	1822	0.910	ug/l #	60
52) Toluene	7.64	92	10847	3.135	ug/l	97
55) 1,1,2-Trichloroethane	8.05	97	495	0.361	ug/l #	13
56) Ethyl methacrylate	8.05	69	158	2.329	ug/l #	1
58) 2-Chloroethyl Vinyl ether	7.06	63	160	8.338	ug/l #	52
67) Ethyl Benzene	9.25	91	265737	40.405	ug/l	99
68) m/p-Xylenes	9.38	106	238780	99.257	ug/l	99
69) o-Xylene	9.78	106	54260	23.735	ug/l	98
70) Styrene	9.78	104	3182	3.010	ug/l #	1
73) Isopropylbenzene	10.17	105	27522	3.746	ug/l	100
76) 1,2,3-Trichloropropane	10.31	75	56761	21.646	ug/l #	35
78) n-propylbenzene	10.59	91	87551	9.917	ug/l	100
79) 2-Chlorotoluene	10.68	91	55818	10.472	ug/l #	43
80) 1,3,5-Trimethylbenzene	10.77	105	144306	24.125	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.68	75	3941	3.933	ug/l #	100
82) 4-Chlorotoluene	10.77	91	15997	2.645	ug/l #	48
83) tert-Butylbenzene	11.15	119	68295	11.811	ug/l #	59

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QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration

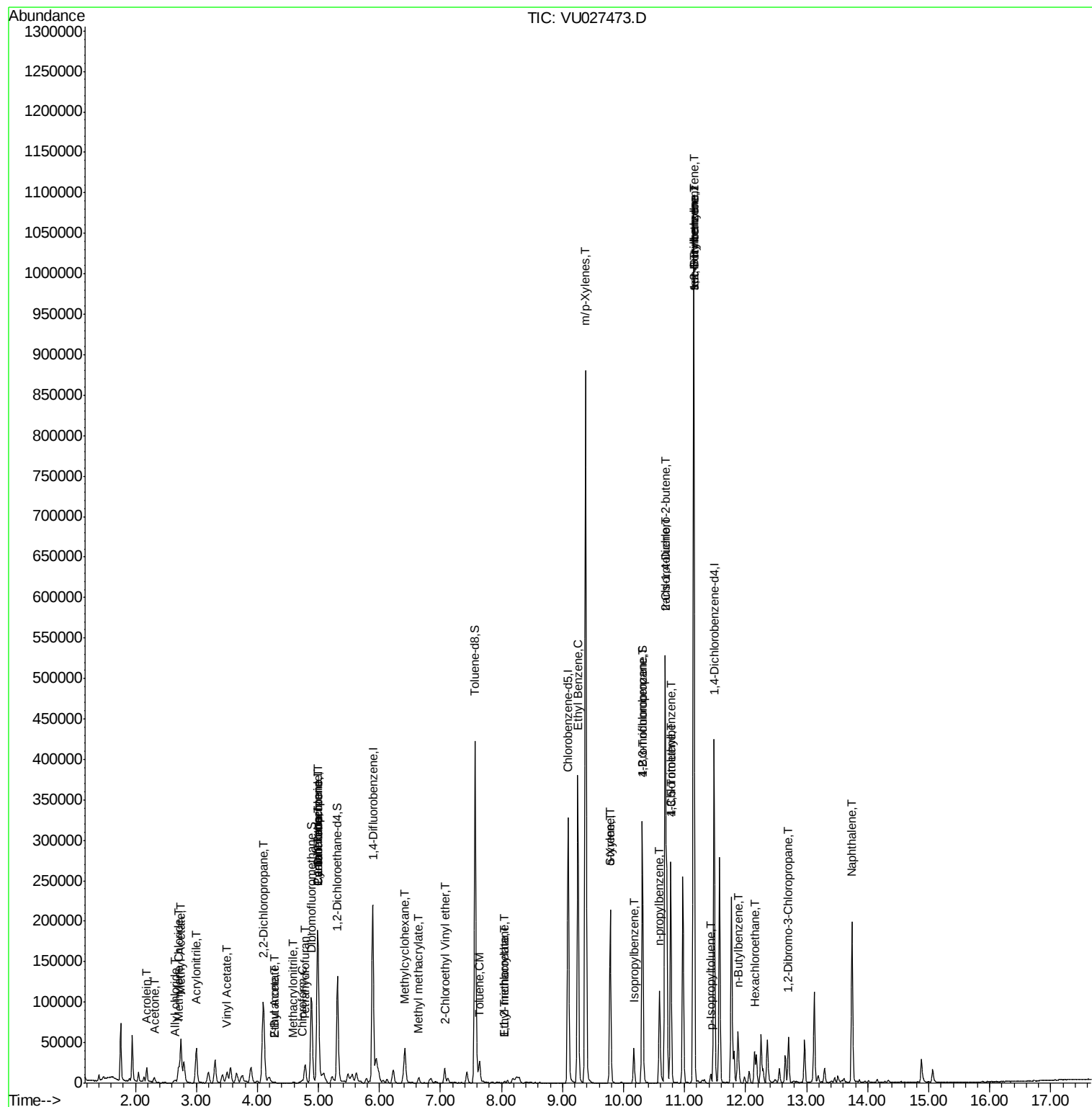
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.15	105	573387	93.842	ug/l	99
85) sec-Butylbenzene	11.15	105	573387	78.698	ug/l #	58
86) p-Isopropyltoluene	11.43	119	5988	0.960	ug/l	96
89) n-Butylbenzene	11.88	91	11365	3.599	ug/l #	21
90) Hexachloroethane	12.15	117	2364	2.010	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	12.70	75	149	0.233	ug/l #	7
95) Naphthalene	13.74	128	147492	20.305	ug/l	100

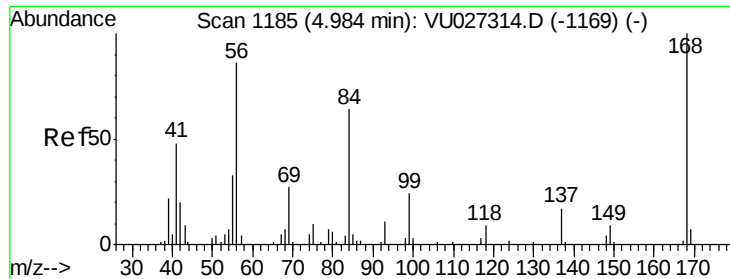
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

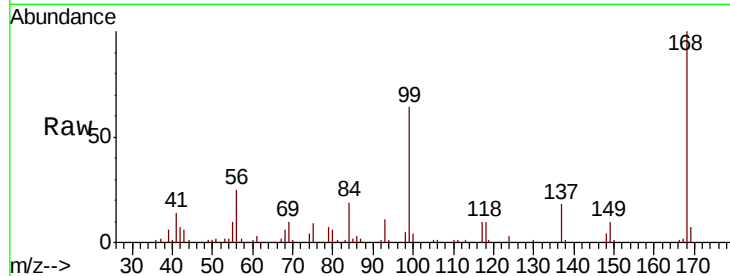
NW-3

Tgt Ion:168 Resp: 104094

Ion Ratio Lower Upper

168 100

99 63.9 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

50000

40000

30000

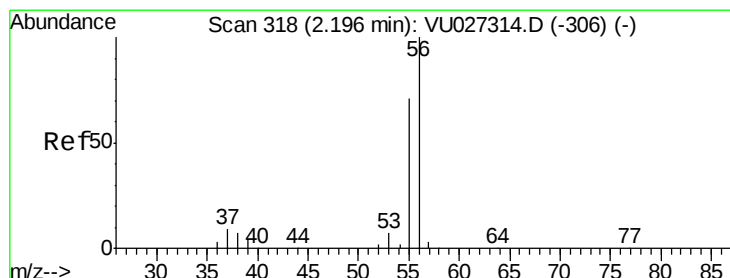
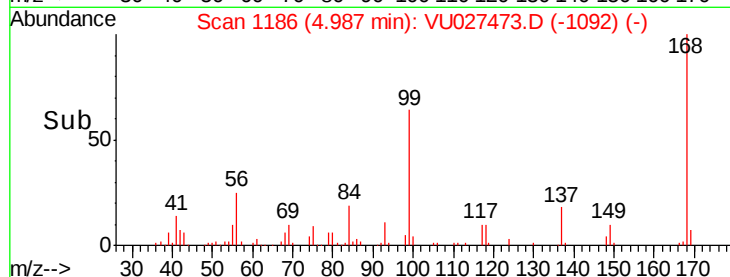
20000

10000

0

4.90 4.95 5.00 5.05

Time-->



#13

Acrolein

Concen: 1.162 ug/l

RT: 2.19 min Scan# 316

Delta R.T. -0.01 min

Lab File: VU027473.D

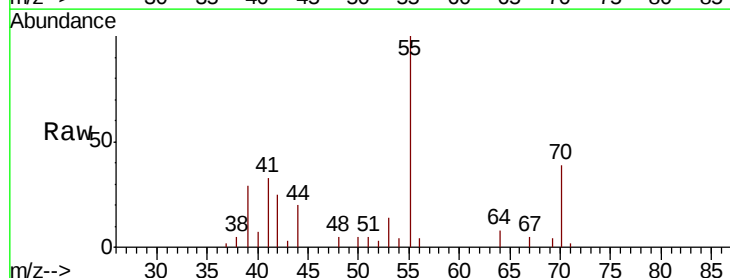
Acq: 05 Oct 2018 23:02

Tgt Ion: 56 Resp: 357

Ion Ratio Lower Upper

56 100

55 2505.9 57.7 86.5#



Abundance Ion 56.00 (55.70 to 56.70): VU027314.D (-306) (-)

Ion 55.00 (54.70 to 55.70): VU027314.D (-306) (-)

2.19

6000

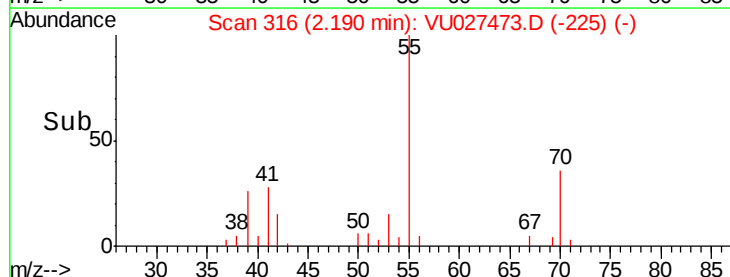
4000

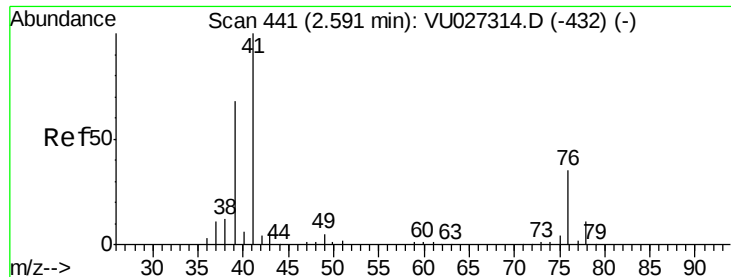
2000

0

2.16 2.18 2.20 2.22

Time-->

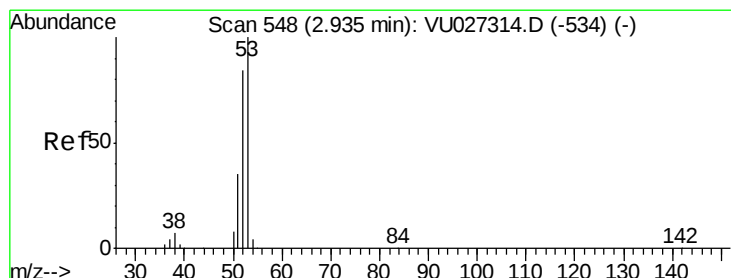
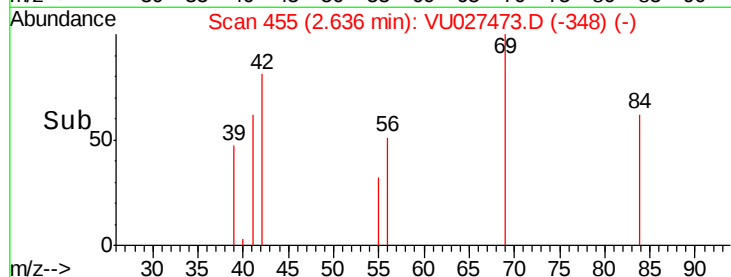
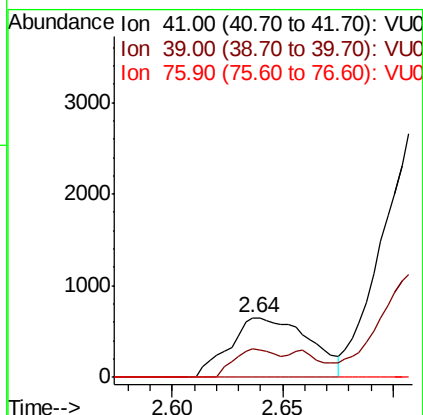
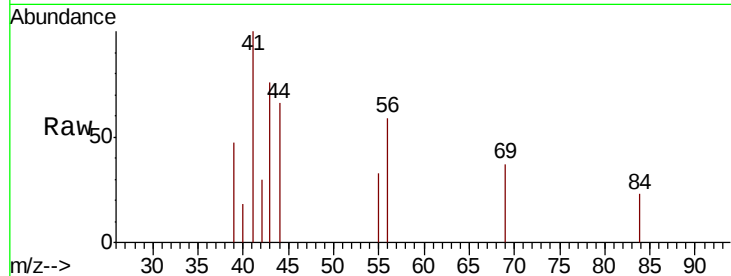




#14
 Allyl chloride
 Concen: 0.622 ug/l
 RT: 2.64 min Scan# 455
 Delta R.T. 0.05 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

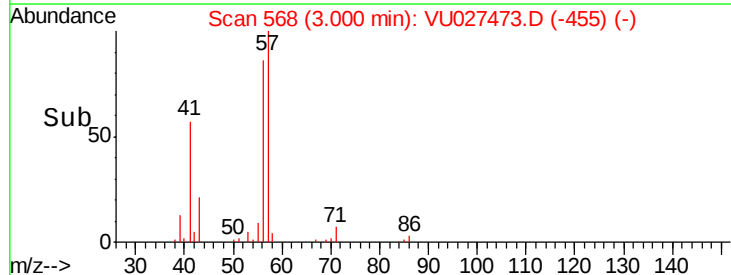
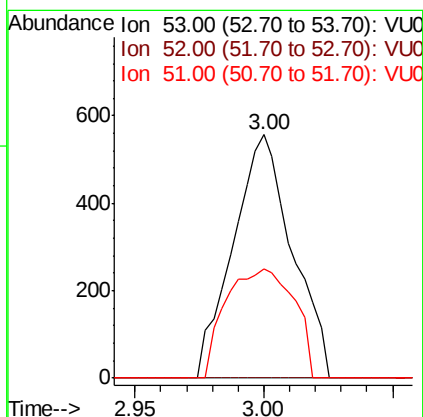
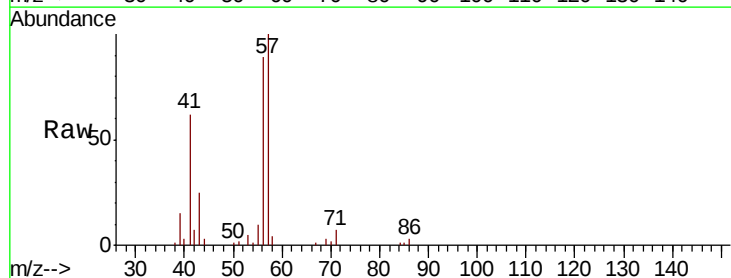
Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

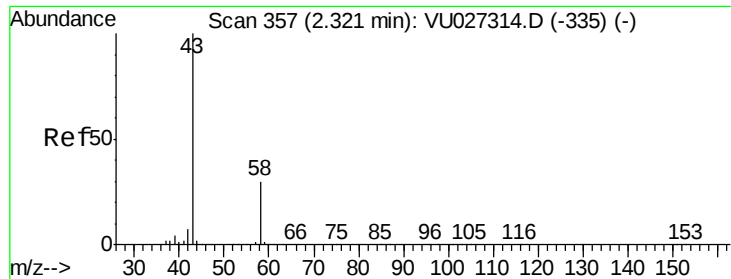
Tgt Ion: 41 Resp: 1623
 Ion Ratio Lower Upper
 41 100
 39 25.7 51.8 77.8#
 76 0.0 25.9 38.9#



#15
 Acrylonitrile
 Concen: 0.931 ug/l
 RT: 3.00 min Scan# 568
 Delta R.T. 0.06 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 53 Resp: 887
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.5 99.7#
 51 51.7 27.6 41.4#





#16

Acetone

Concen: 4.753 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

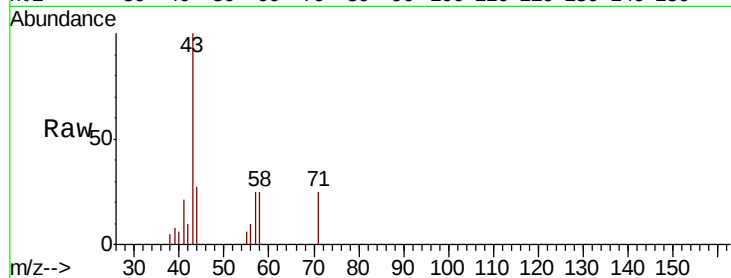
NW-3

Tgt Ion: 43 Resp: 4881

Ion Ratio Lower Upper

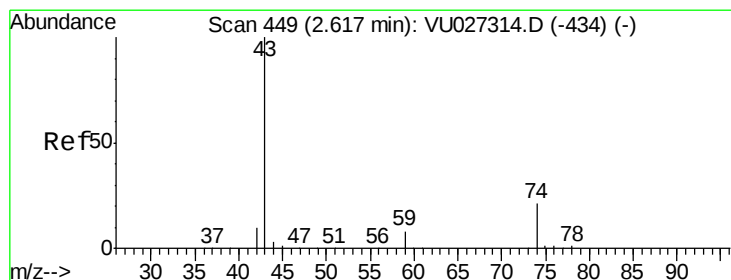
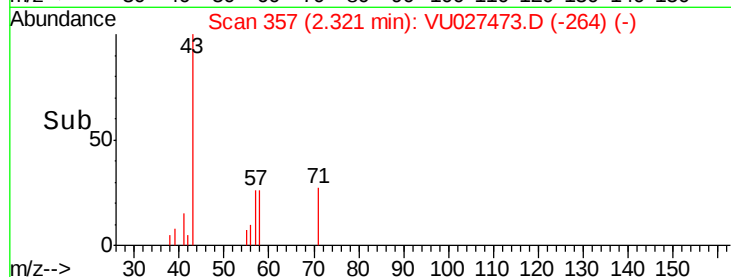
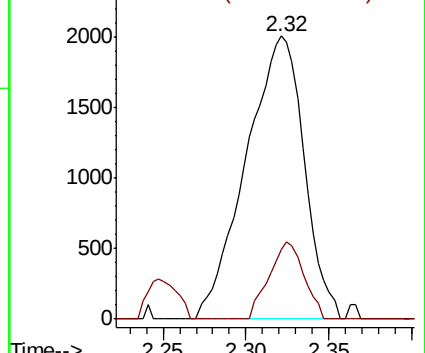
43 100

58 24.8 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-335) (-)



#18

Methyl Acetate

Concen: 20.463 ug/l

RT: 2.75 min Scan# 489

Delta R.T. 0.13 min

Lab File: VU027473.D

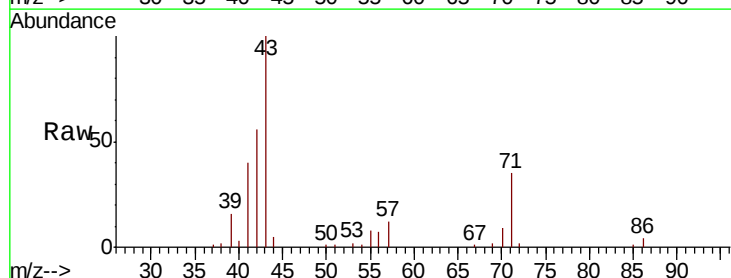
Acq: 05 Oct 2018 23:02

Tgt Ion: 43 Resp: 47936

Ion Ratio Lower Upper

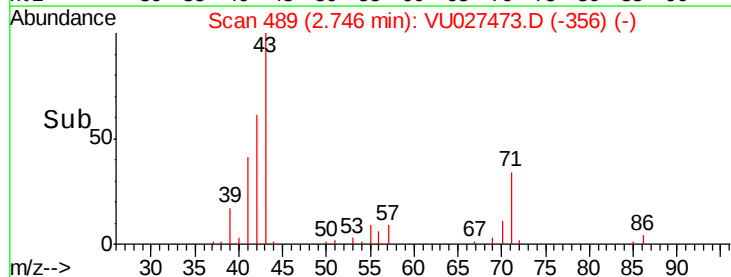
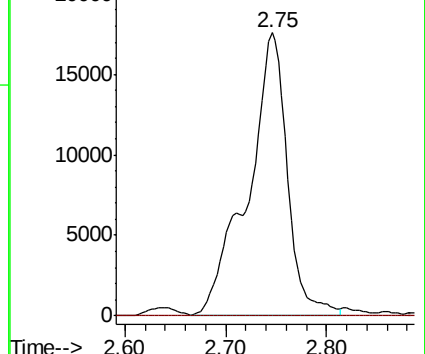
43 100

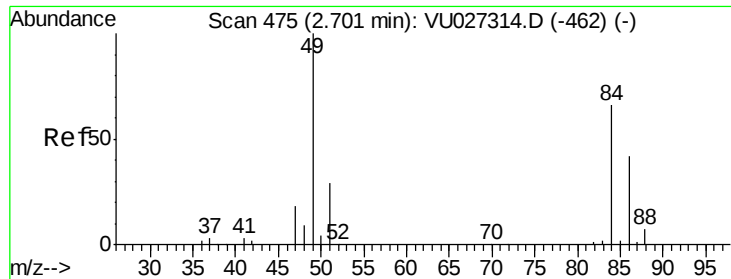
74 0.0 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-434) (-)

Ion 74.00 (73.70 to 74.70): VU027314.D (-434) (-)

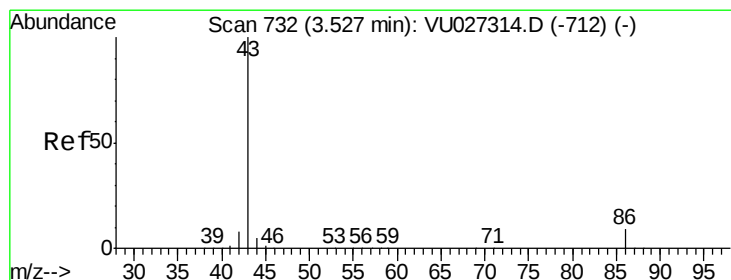
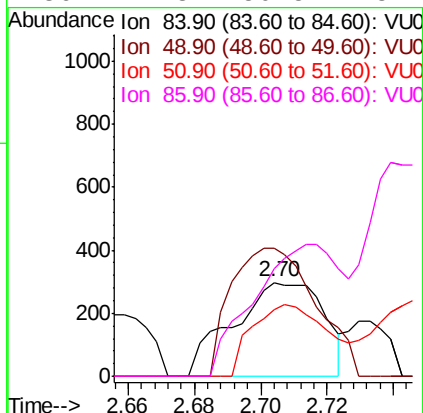
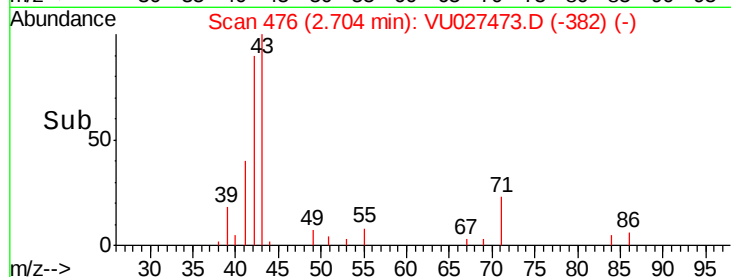
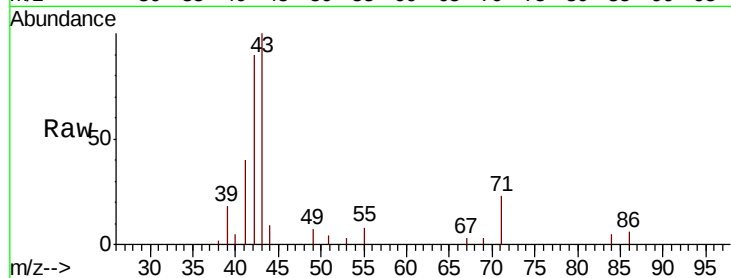




#20
Methylene Chloride
Concen: 0.399 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

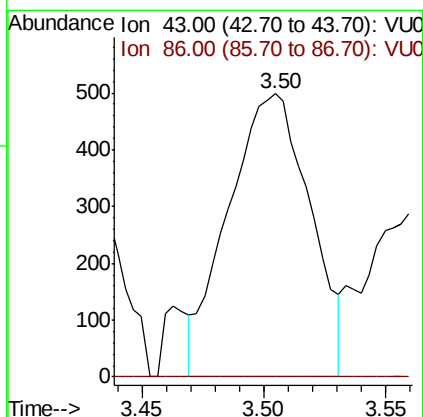
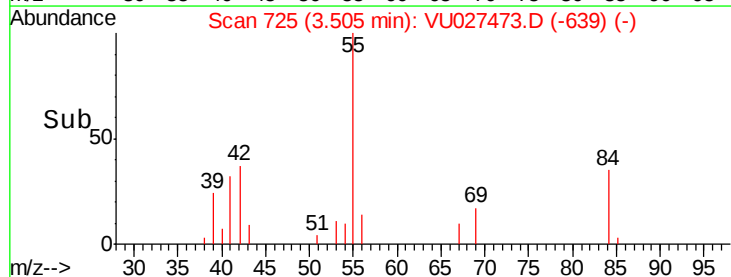
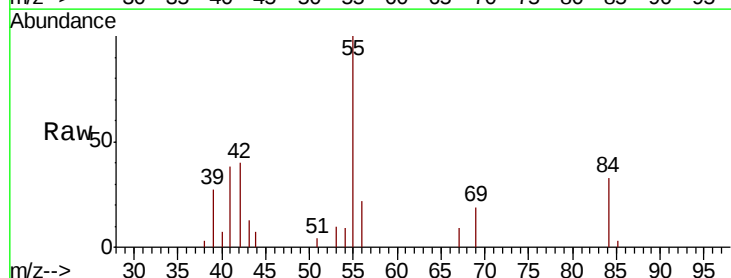
Instrument :
MSVOA_U
ClientSampleId :
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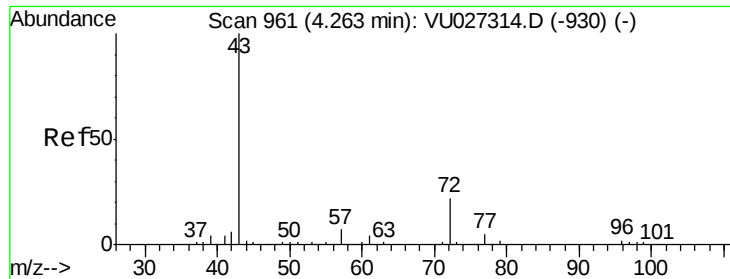
Tgt Ion: 84 Resp: 570
Ion Ratio Lower Upper
84 100
49 137.4 120.5 180.7
51 70.7 35.1 52.7#
86 114.8 50.5 75.7#



#23
Vinyl Acetate
Concen: 0.250 ug/l
RT: 3.50 min Scan# 725
Delta R.T. -0.02 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
86 0.0 7.0 10.4#





#25

2-Butanone

Concen: 1.071 ug/l

RT: 4.28 min Scan# 967

Delta R.T. 0.02 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

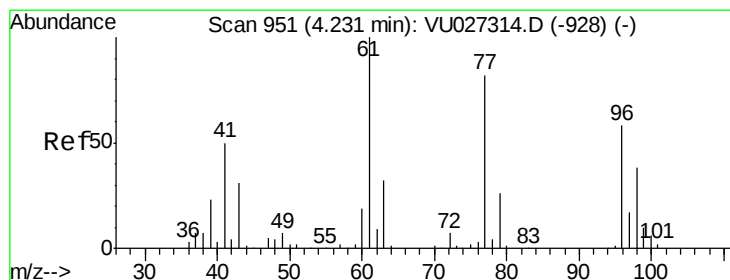
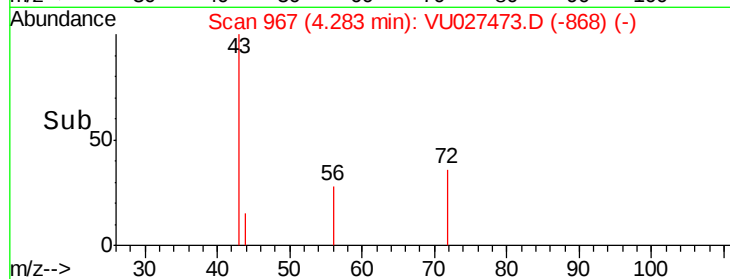
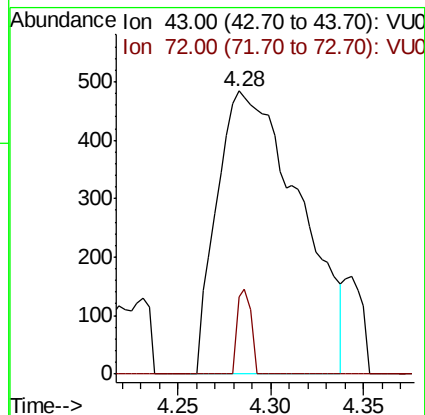
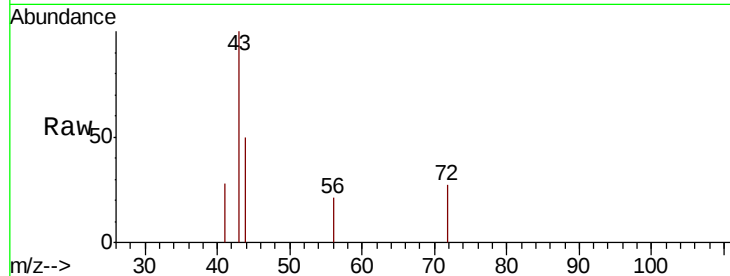
NW-3

Tgt Ion: 43 Resp: 1499

Ion Ratio Lower Upper

43 100

72 27.1 17.8 26.6#



#26

2,2-Dichloropropane

Concen: 0.294 ug/l

RT: 4.11 min Scan# 912

Delta R.T. -0.13 min

Lab File: VU027473.D

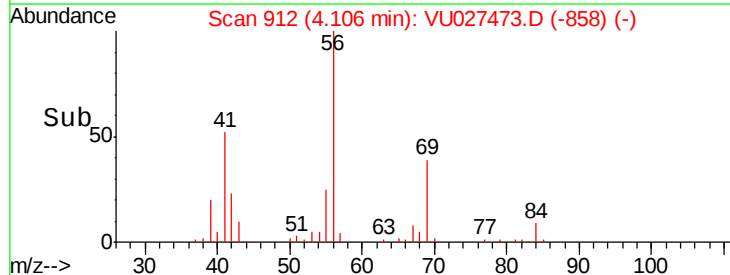
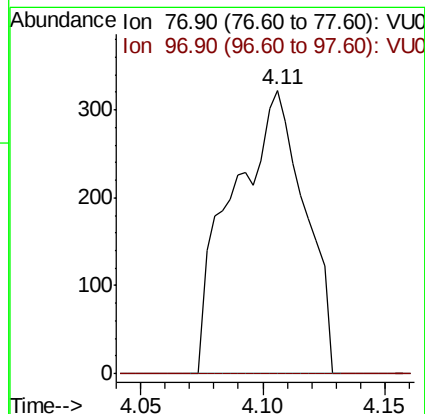
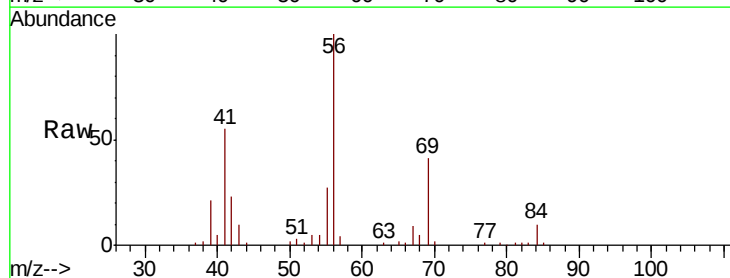
Acq: 05 Oct 2018 23:02

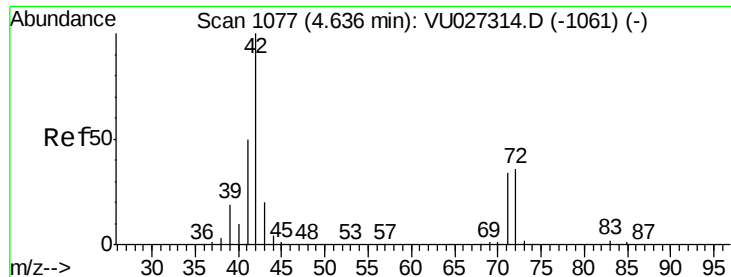
Tgt Ion: 77 Resp: 659

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.1#





#29

Tetrahydrofuran

Concen: 0.425 ug/l

RT: 4.79 min Scan# 1124

Delta R.T. 0.15 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampled :

NW-3

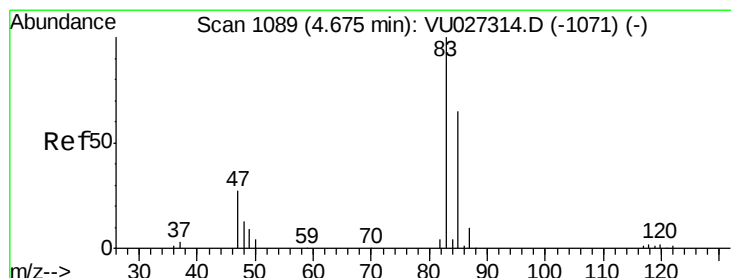
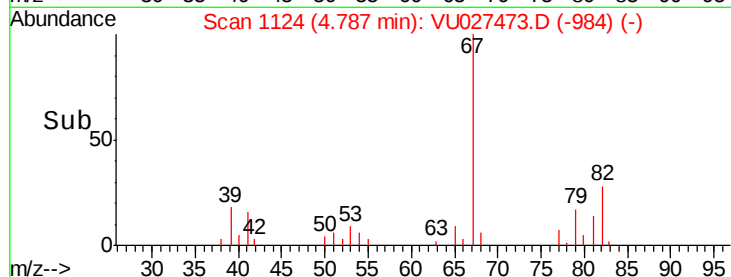
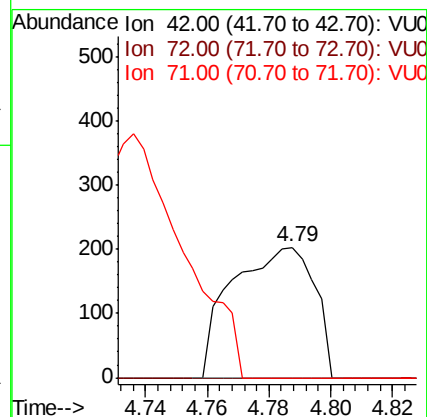
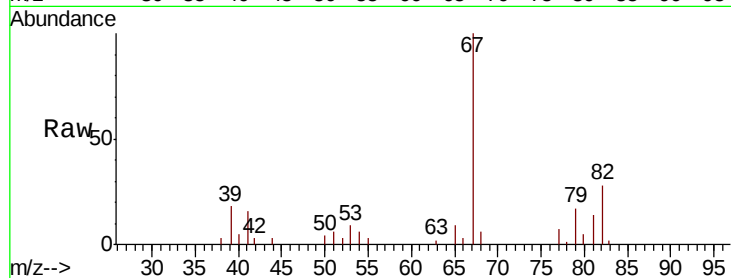
Tgt Ion: 42 Resp: 375

Ion Ratio Lower Upper

42 100

72 0.0 30.1 45.1#

71 0.0 27.7 41.5#



#30

Chloroform

Concen: 0.277 ug/l

RT: 4.73 min Scan# 1105

Delta R.T. 0.05 min

Lab File: VU027473.D

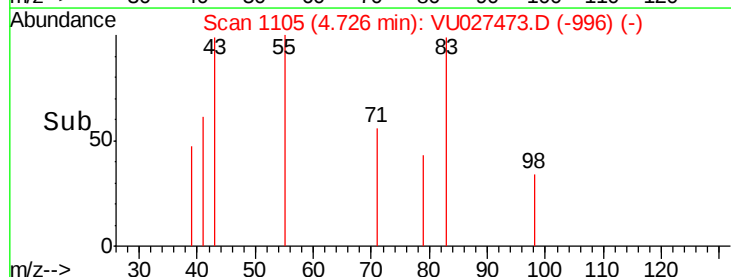
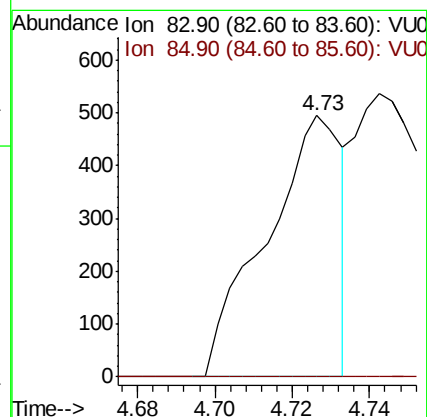
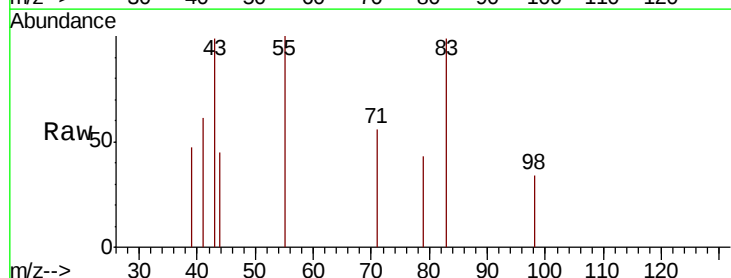
Acq: 05 Oct 2018 23:02

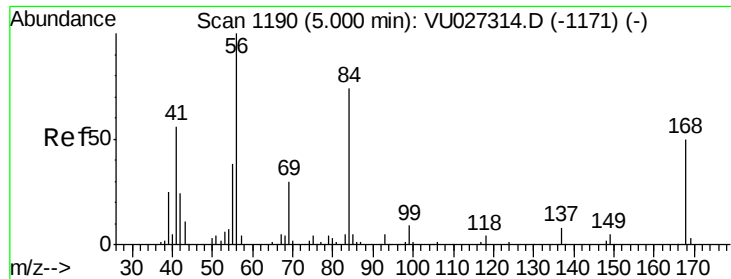
Tgt Ion: 83 Resp: 672

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.6#

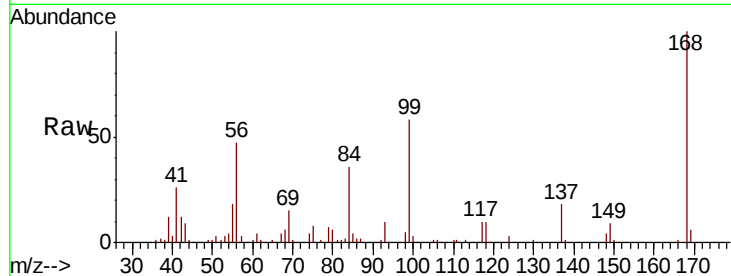




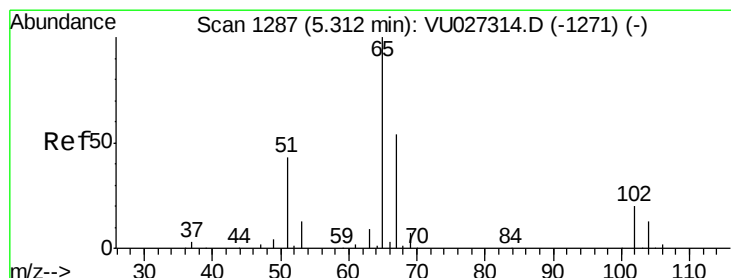
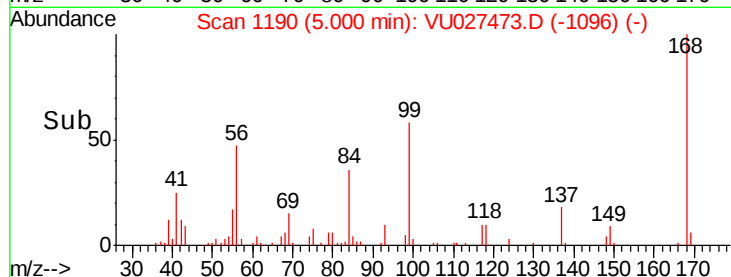
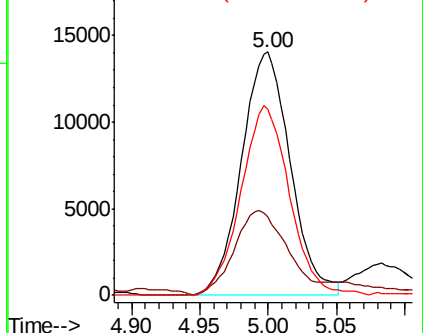
#31
Cyclohexane
Concen: 12.378 ug/l
RT: 5.00 min Scan# 1190
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tgt Ion: 56 Resp: 35006
Ion Ratio Lower Upper
56 100
69 31.4 24.1 36.1
84 76.6 59.1 88.7

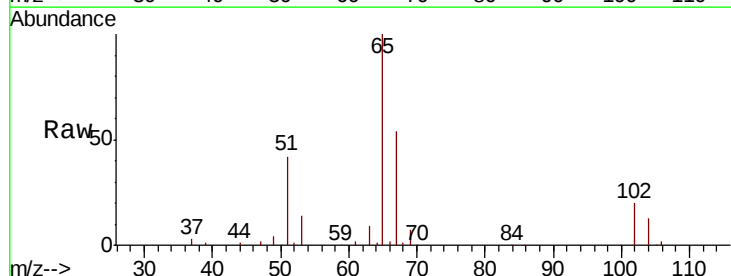


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

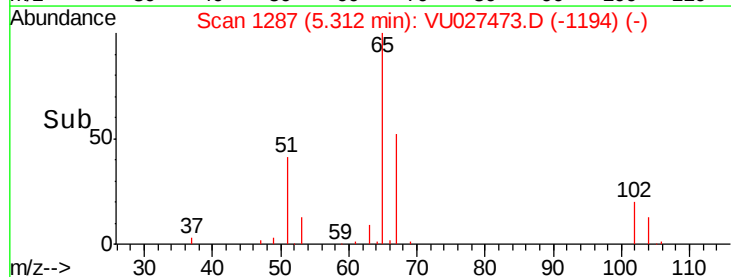
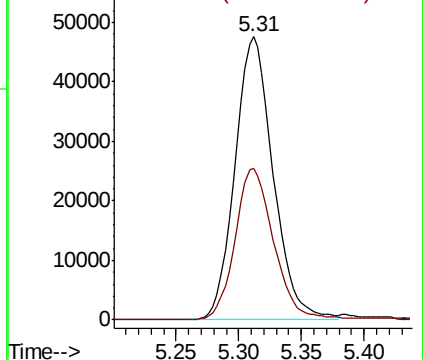


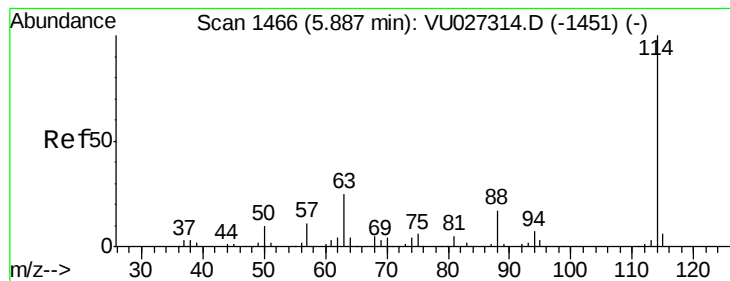
#33
1,2-Dichloroethane-d4
Concen: 57.972 ug/l
RT: 5.31 min Scan# 1287
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 65 Resp: 100766
Ion Ratio Lower Upper
65 100
67 55.0 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: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

NW-3

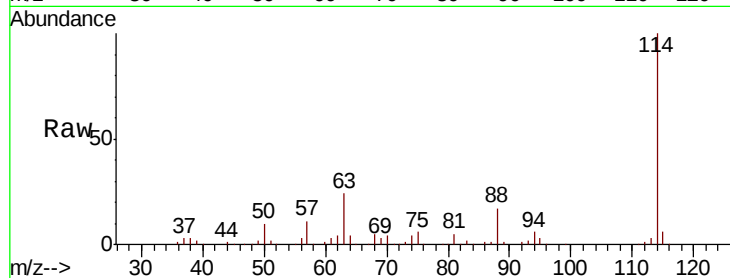
Tgt Ion:114 Resp: 184822

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.2

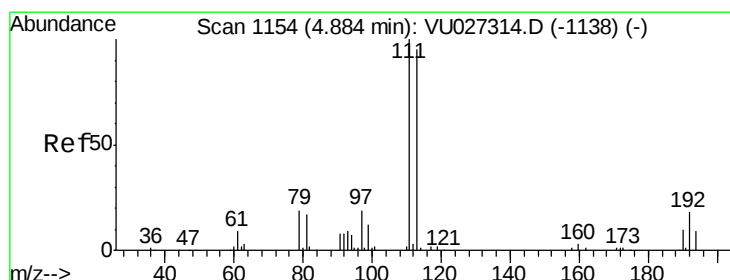
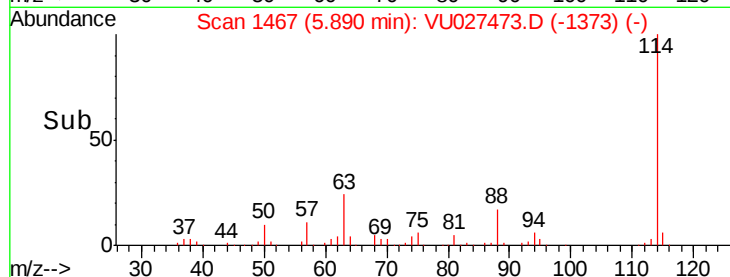
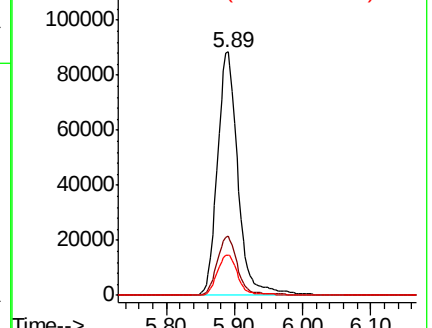
88 16.7 0.0 33.8



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: 56.656 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

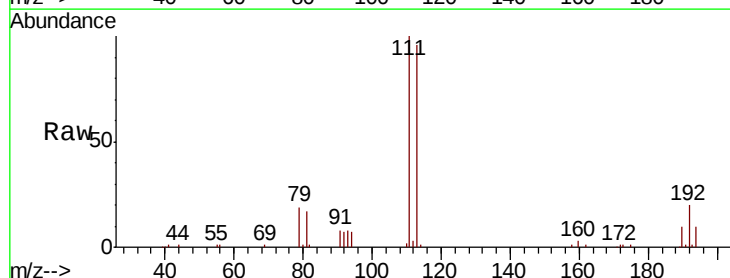
Tgt Ion:113 Resp: 71763

Ion Ratio Lower Upper

113 100

111 104.9 83.1 124.7

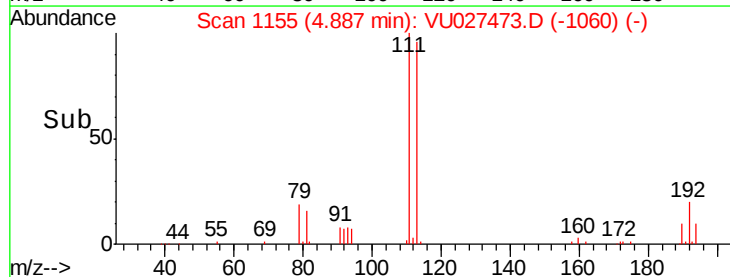
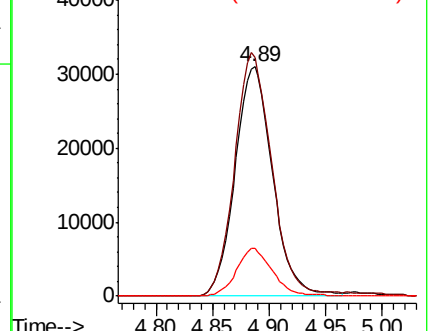
192 19.8 15.4 23.0

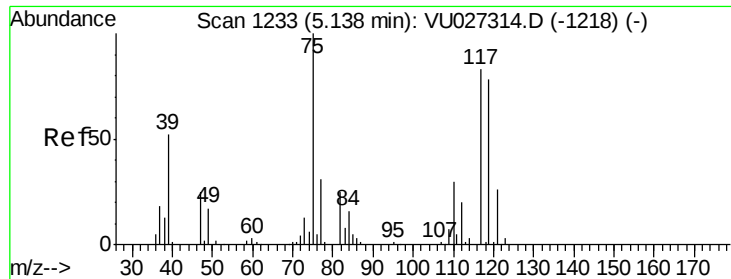


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

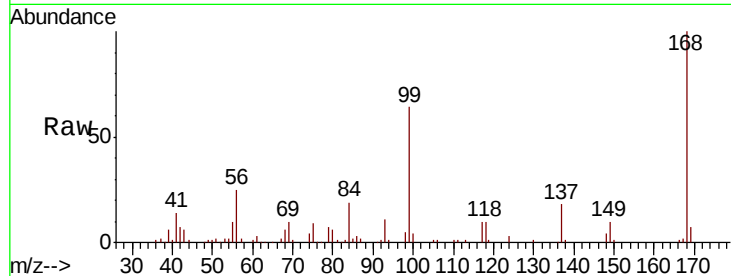




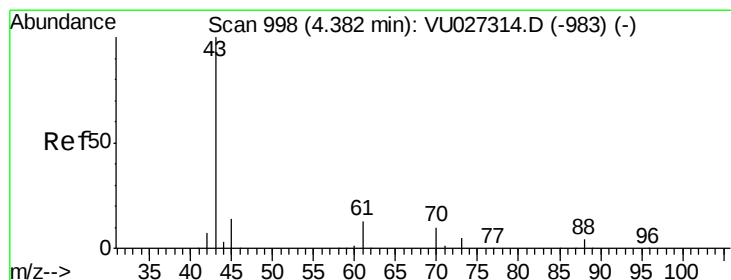
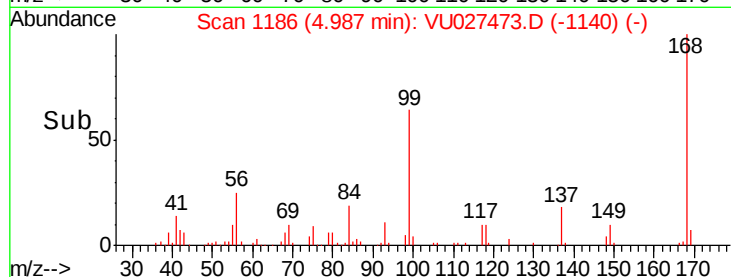
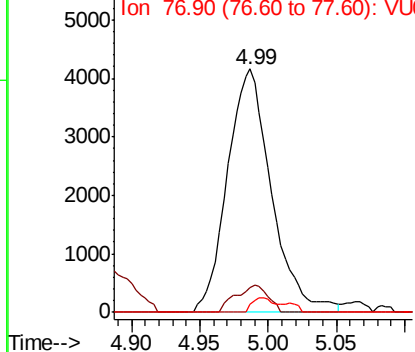
#36
 1,1-Dichloropropene
 Concen: 4.646 ug/l
 RT: 4.99 min Scan# 1186
 Delta R.T. -0.15 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

Tgt Ion: 75 Resp: 9324
 Ion Ratio Lower Upper
 75 100
 110 8.2 15.5 46.5#
 77 3.1 25.4 38.0#

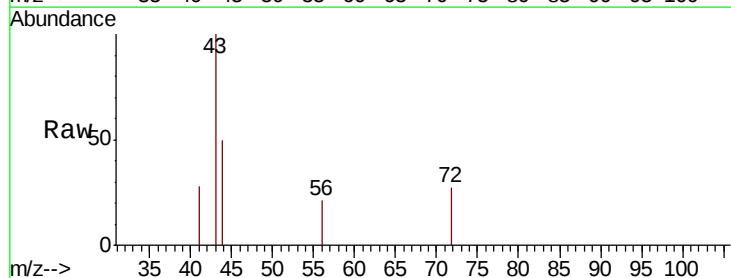


Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 109.90 (109.60 to 110.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0

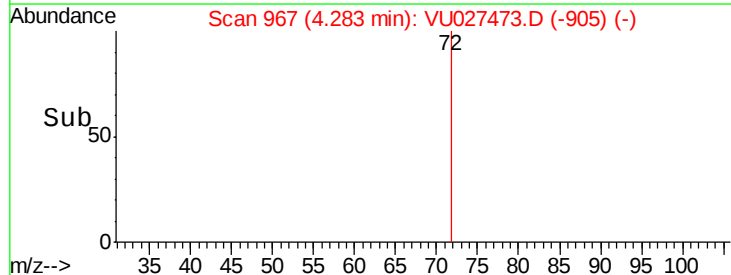
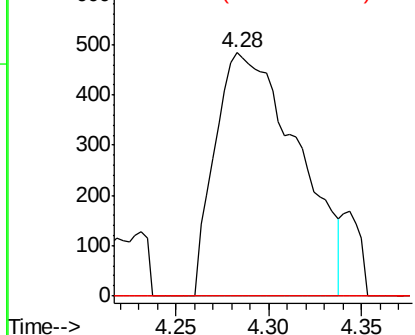


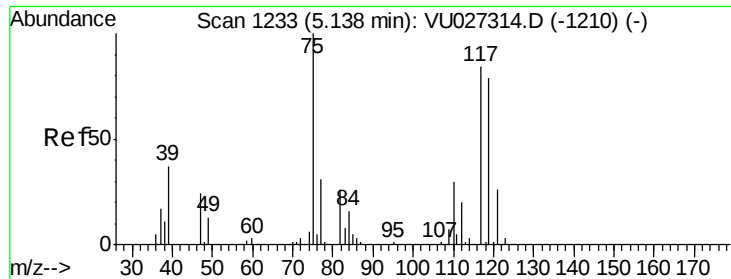
#37
 Ethyl Acetate
 Concen: 0.578 ug/l
 RT: 4.28 min Scan# 967
 Delta R.T. -0.10 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 43 Resp: 1499
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.7 16.1#
 70 0.0 7.4 11.2#



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 60.90 (60.60 to 61.60): VU0
 Ion 70.00 (69.70 to 70.70): VU0





#38

Carbon Tetrachloride

Concen: 6.083 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

NW-3

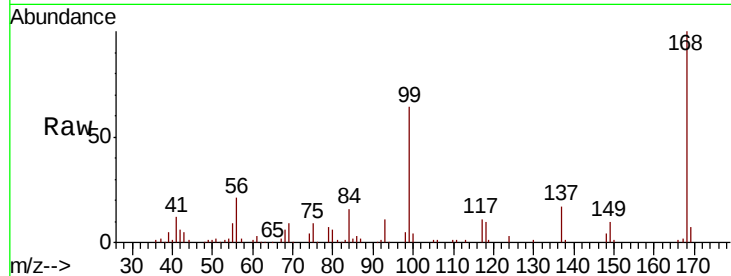
Tgt Ion:117 Resp: 11026

Ion Ratio Lower Upper

117 100

119 6.0 74.5 111.7#

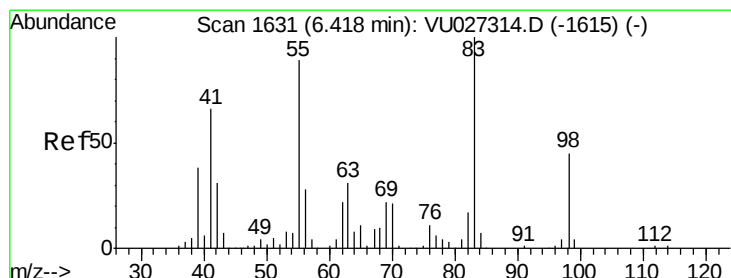
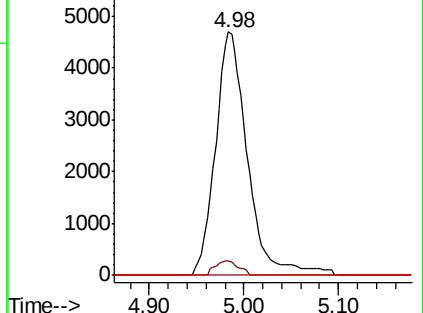
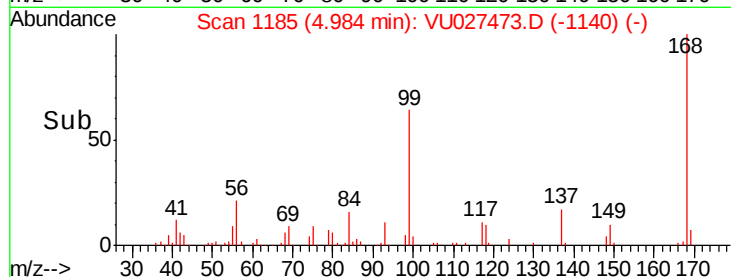
121 0.0 24.6 37.0#



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



#39

Methylcyclohexane

Concen: 6.419 ug/l

RT: 6.42 min Scan# 1631

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

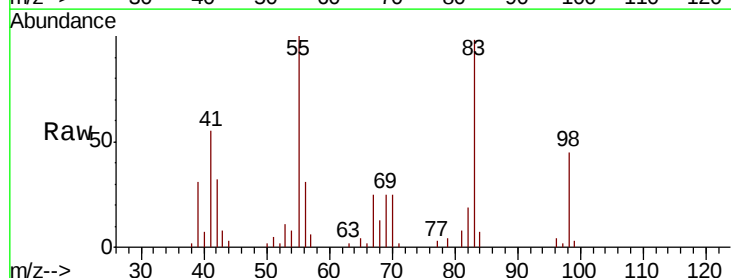
Tgt Ion: 83 Resp: 15058

Ion Ratio Lower Upper

83 100

55 99.0 71.1 106.7

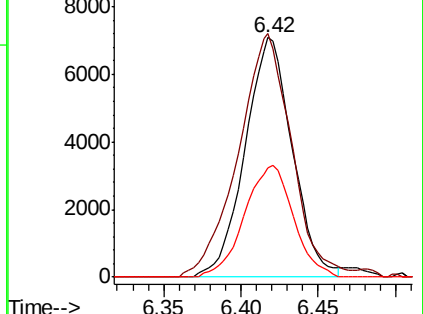
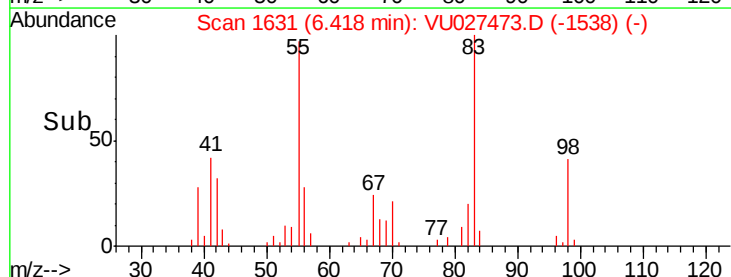
98 45.7 36.3 54.5

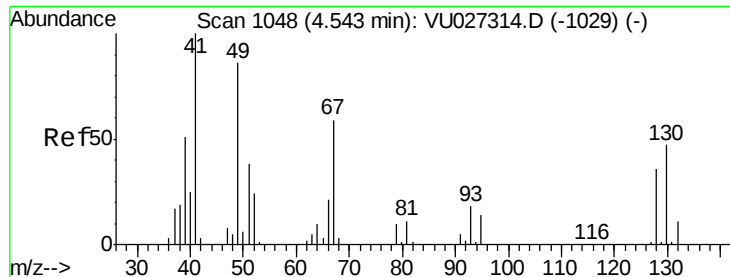


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

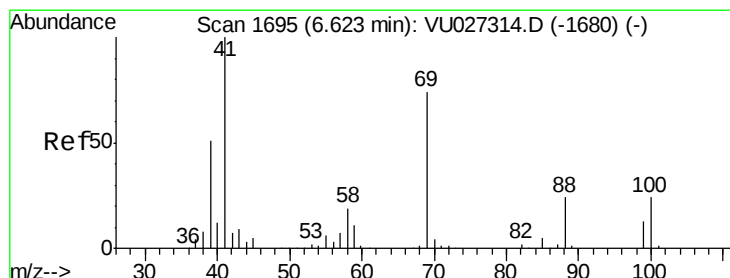
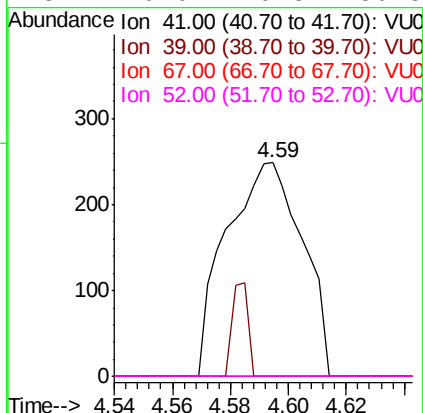
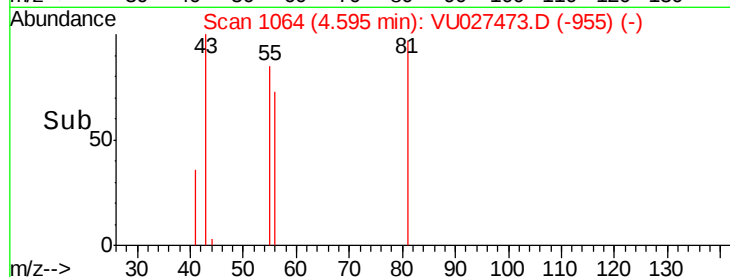
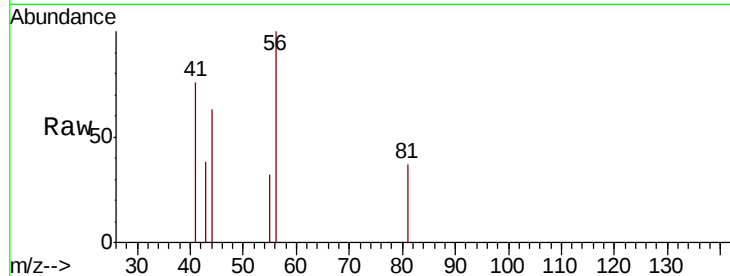




#41
Methacrylonitrile
Concen: 0.309 ug/l
RT: 4.59 min Scan# 1064
Delta R.T. 0.05 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

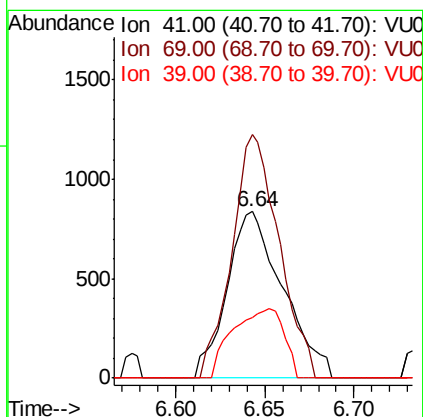
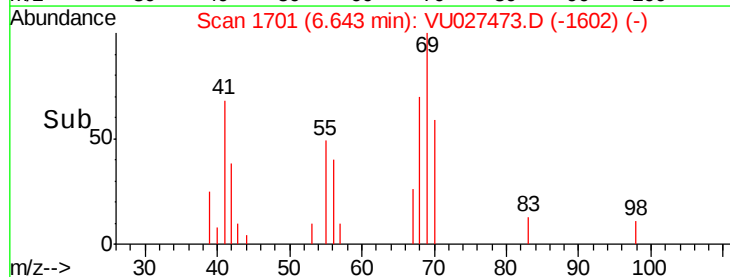
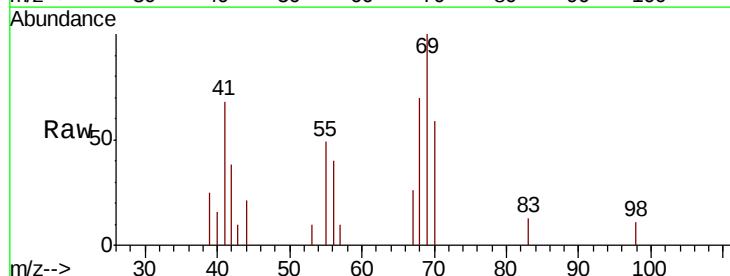
Instrument :
MSVOA_U
ClientSampleId :
NW-3

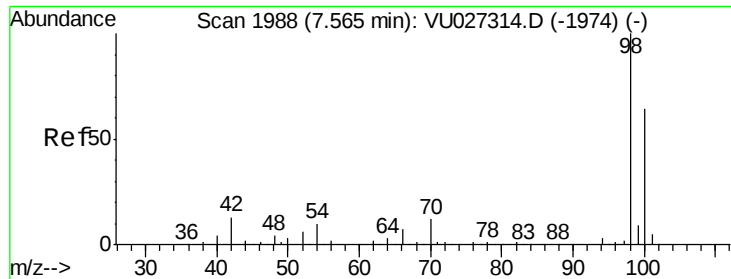
Tgt Ion: 41 Resp: 453
Ion Ratio Lower Upper
41 100
39 0.0 41.1 61.7#
67 0.0 50.4 75.6#
52 0.0 20.3 30.5#



#48
Methyl methacrylate
Concen: 0.910 ug/l
RT: 6.64 min Scan# 1701
Delta R.T. 0.02 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 41 Resp: 1822
Ion Ratio Lower Upper
41 100
69 123.5 61.0 91.4#
39 38.4 39.9 59.9#

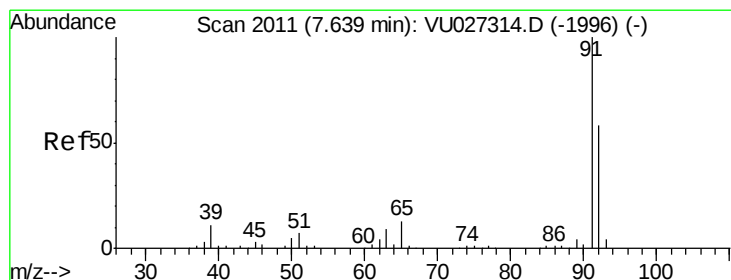
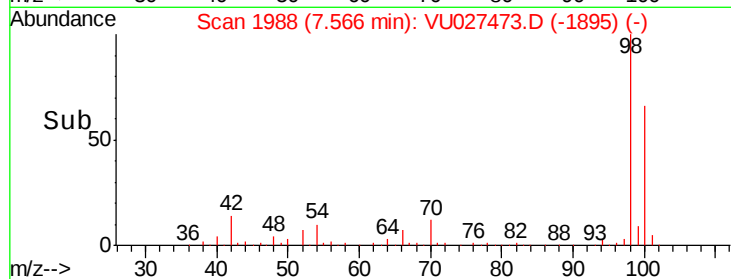
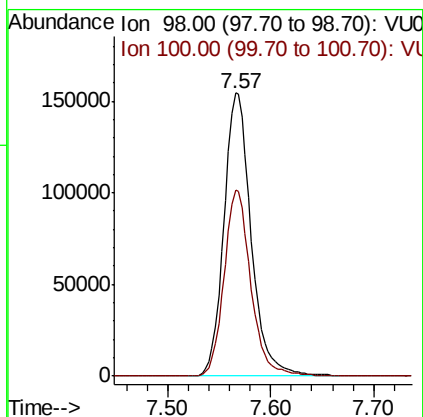
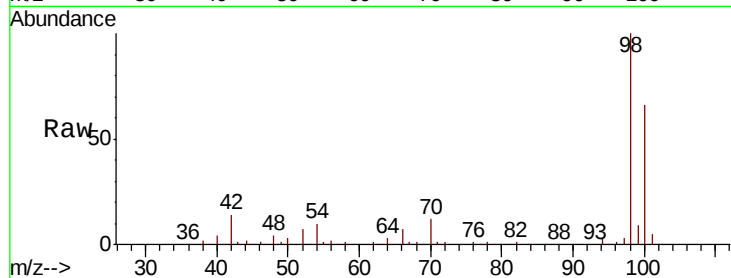




#50
Toluene-d8
Concen: 59.913 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

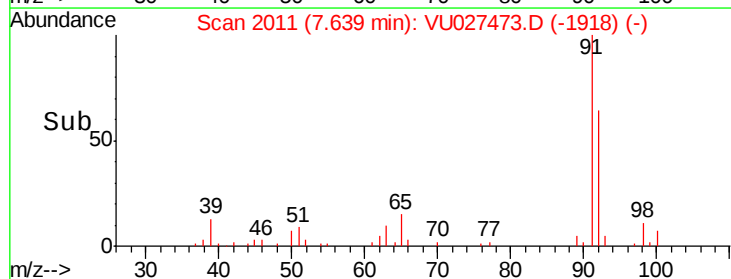
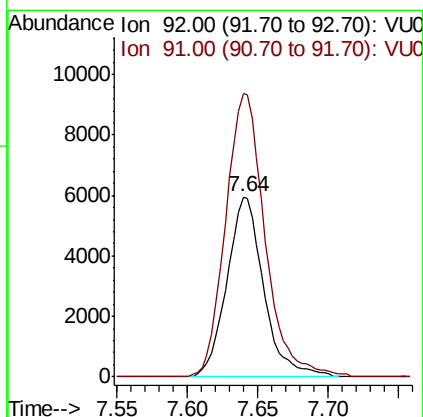
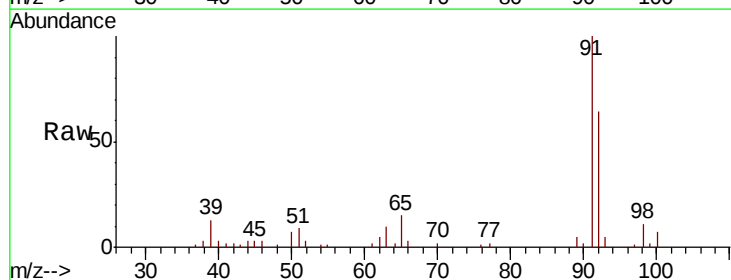
Instrument :
MSVOA_U
ClientSampleId :
NW-3

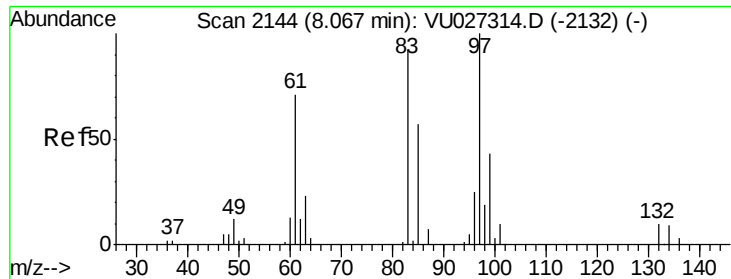
Tgt Ion: 98 Resp: 284025
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#52
Toluene
Concen: 3.135 ug/l
RT: 7.64 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 92 Resp: 10847
Ion Ratio Lower Upper
92 100
91 169.2 138.6 208.0

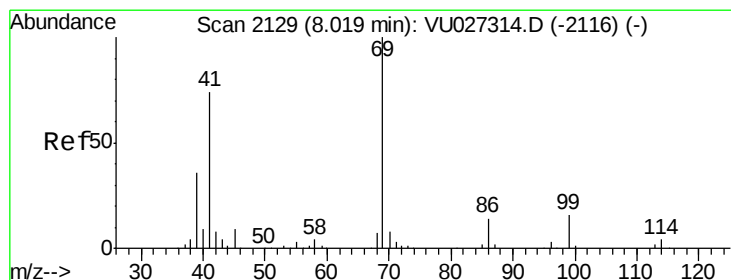
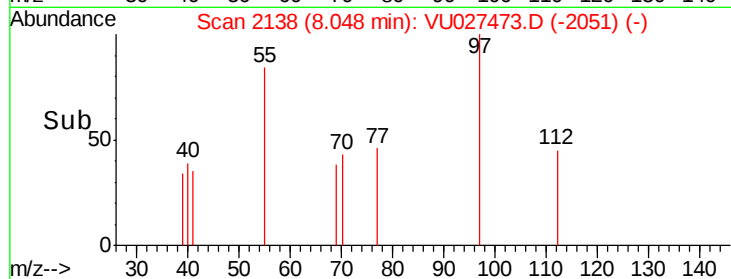
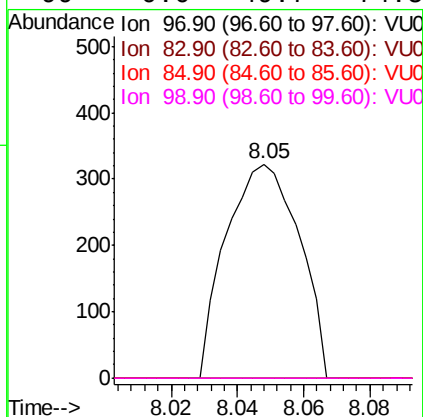
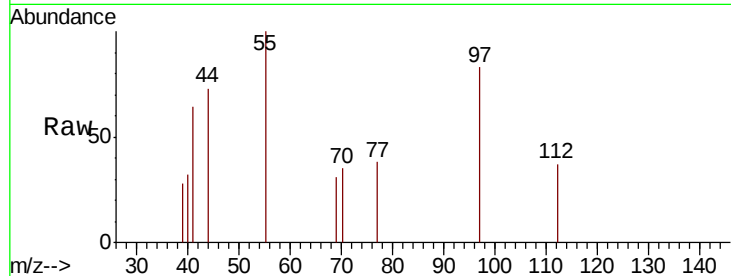




#55
 1,1,2-Trichloroethane
 Concen: 0.361 ug/l
 RT: 8.05 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

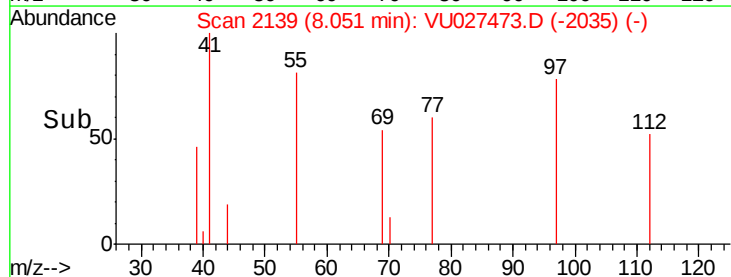
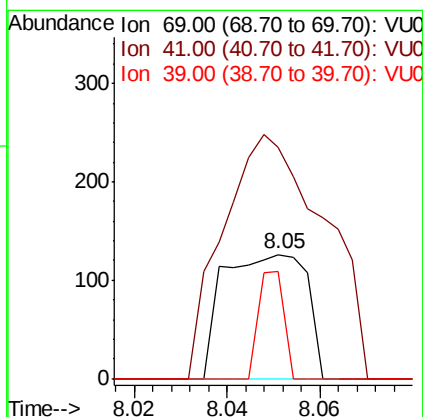
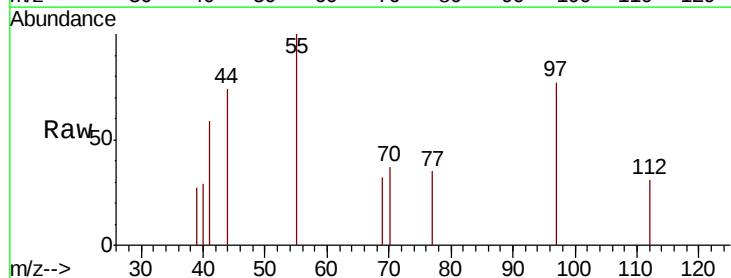
Instrument :
 MSVOA_U
 ClientSampled :
 NW-3

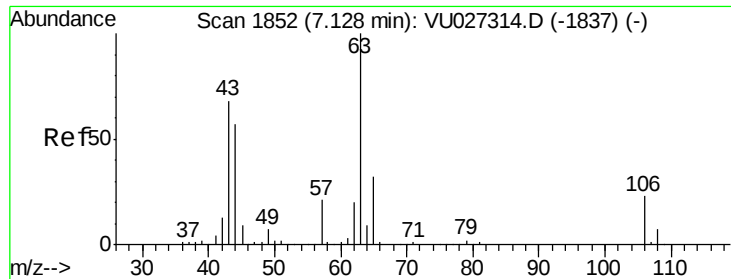
Tgt Ion: 97 Resp: 495
 Ion Ratio Lower Upper
 97 100
 83 0.0 73.0 109.6#
 85 0.0 47.3 70.9#
 99 0.0 49.7 74.5#



#56
 Ethyl methacrylate
 Concen: 2.329 ug/l
 RT: 8.05 min Scan# 2139
 Delta R.T. 0.03 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 69 Resp: 158
 Ion Ratio Lower Upper
 69 100
 41 238.0 60.0 90.0#
 39 26.6 29.5 44.3#

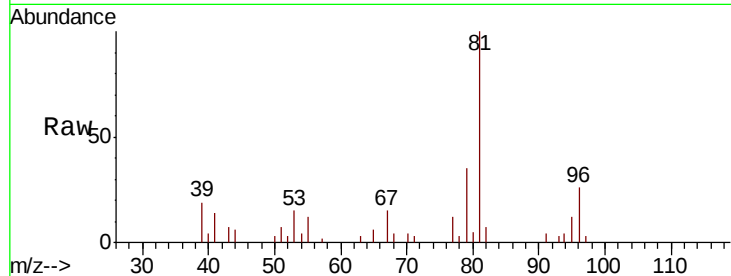




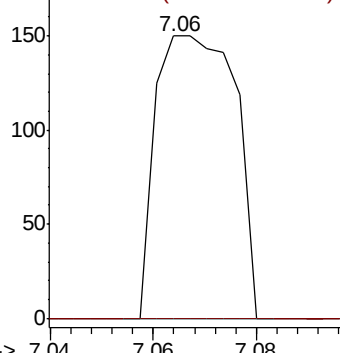
#58
 2-Chloroethyl Vinyl ether
 Concen: 8.338 ug/l
 RT: 7.06 min Scan# 1832
 Delta R.T. -0.06 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Instrument :
 MSVOA_U
 ClientSampleId :
 NW-3

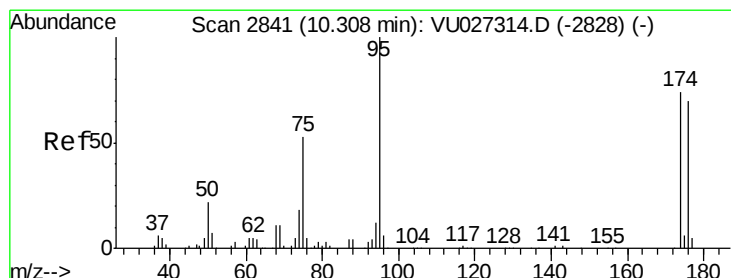
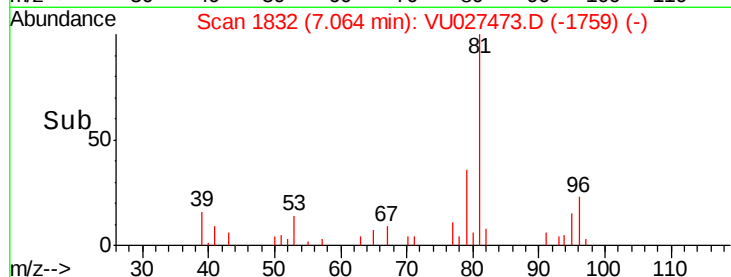
Tgt Ion: 63 Resp: 160
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.5 27.7#



Abundance Ion 62.90 (62.60 to 63.60): VU0
 Ion 105.90 (105.60 to 106.60): V

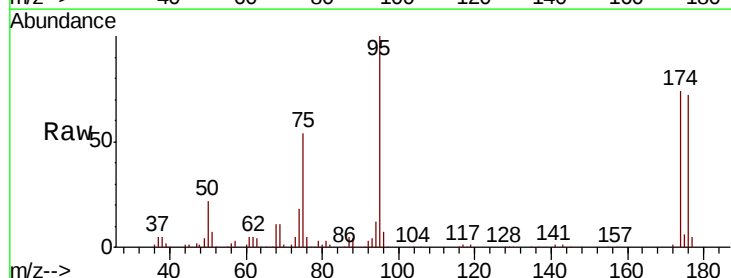


Time--> 7.04 7.06 7.08

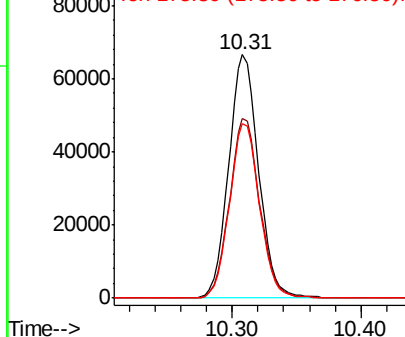


#62
 4-Bromofluorobenzene
 Concen: 60.602 ug/l
 RT: 10.31 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

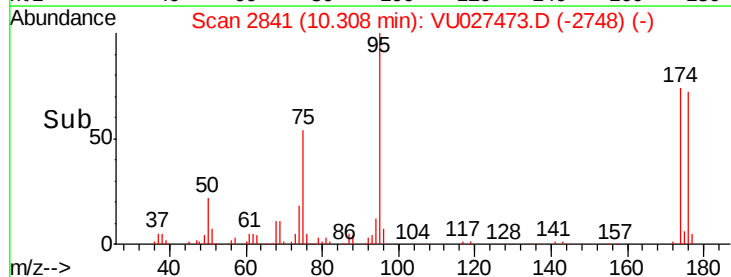
Tgt Ion: 95 Resp: 106769
 Ion Ratio Lower Upper
 95 100
 174 74.9 0.0 147.8
 176 72.3 0.0 140.8

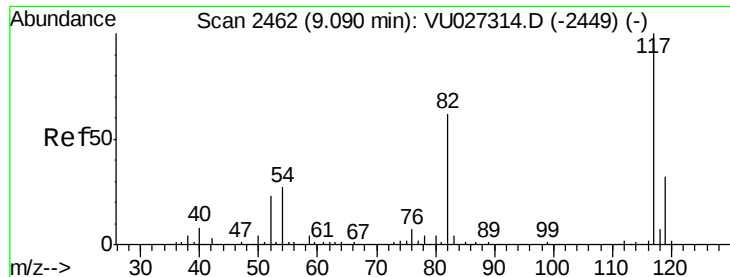


Abundance Ion 94.90 (94.60 to 95.60): VU0
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V



Time--> 10.30 10.40

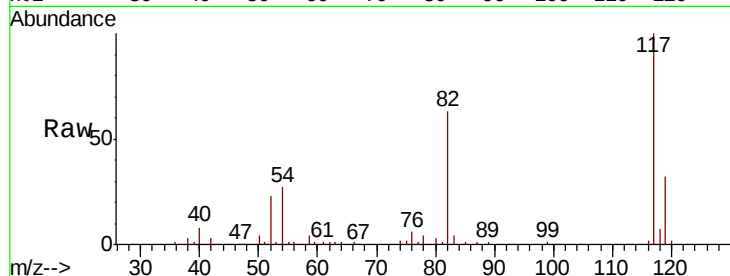




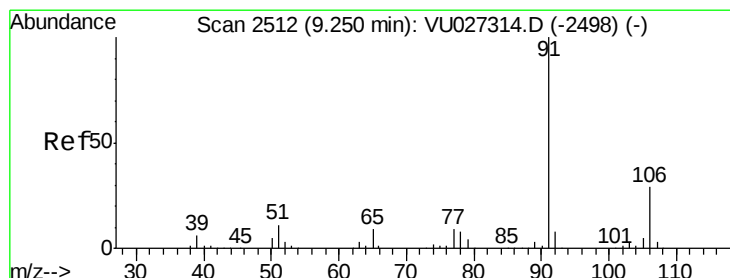
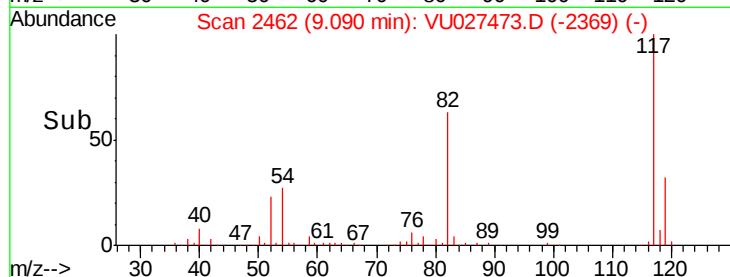
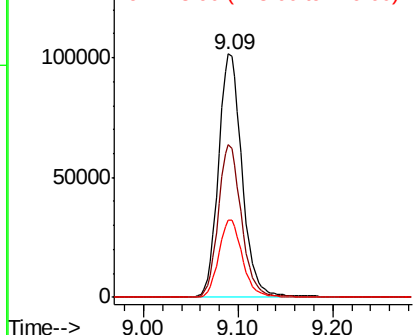
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tgt Ion: 117 Resp: 176352
Ion Ratio Lower Upper
117 100
82 62.9 49.2 73.8
119 31.8 25.7 38.5

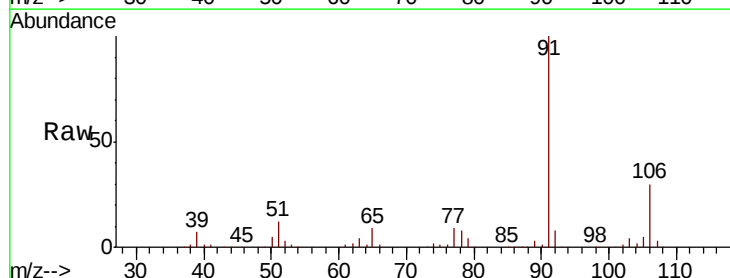


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

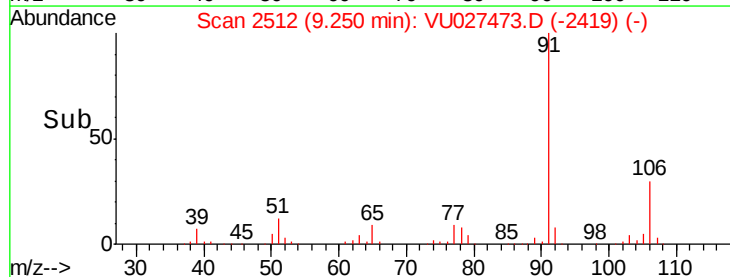
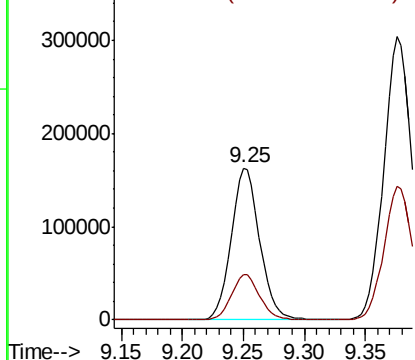


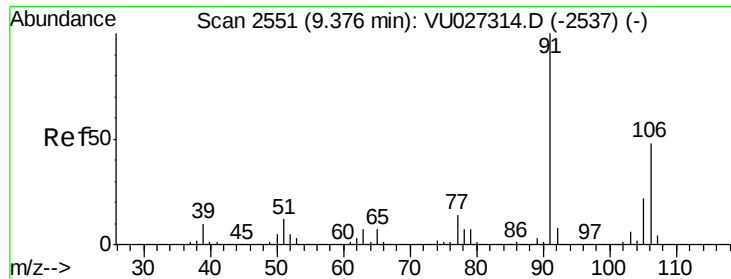
#67
Ethyl Benzene
Concen: 40.405 ug/l
RT: 9.25 min Scan# 2512
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 91 Resp: 265737
Ion Ratio Lower Upper
91 100
106 29.9 23.6 35.4



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

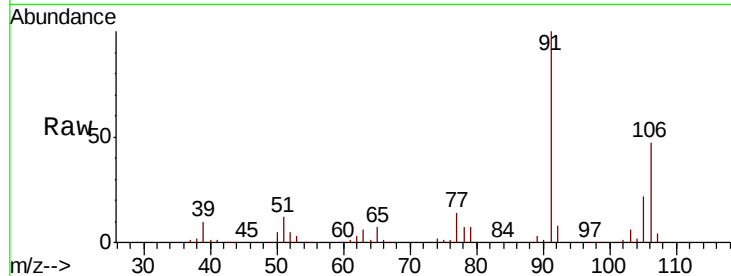




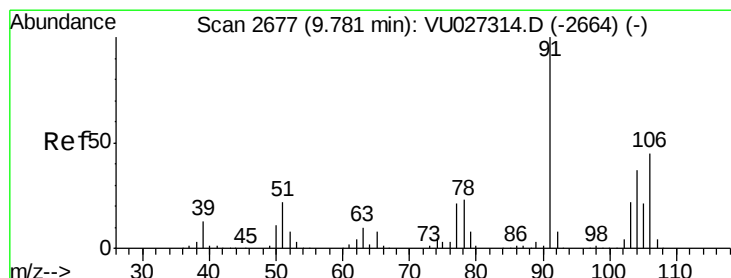
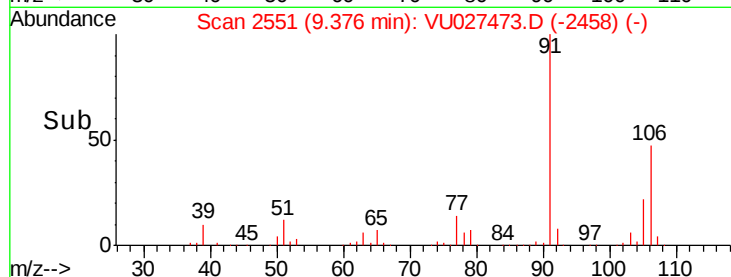
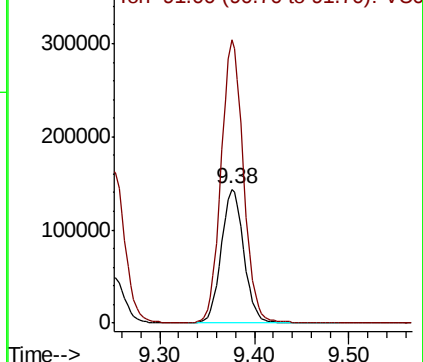
#68
m/p-Xylenes
Concen: 99.257 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampled :
NW-3

Tgt Ion:106 Resp: 238780
Ion Ratio Lower Upper
106 100
91 208.7 168.1 252.1

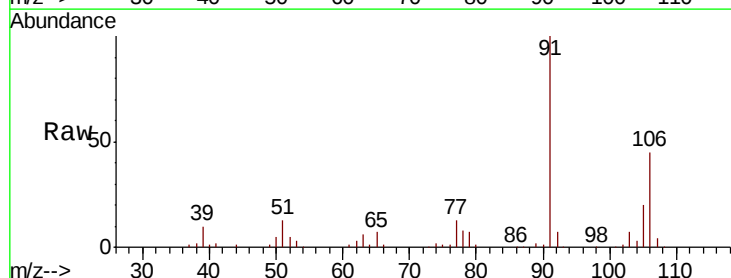


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

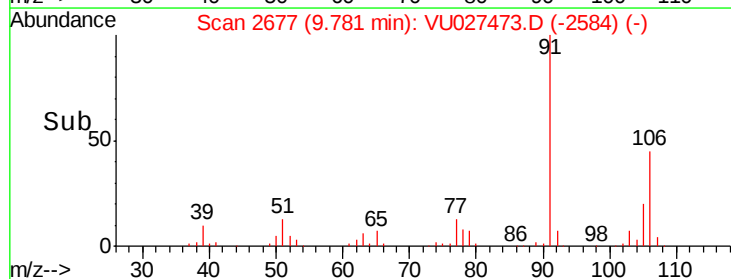
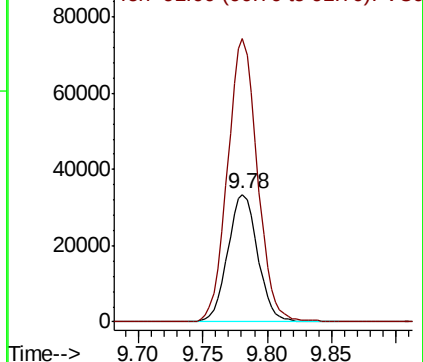


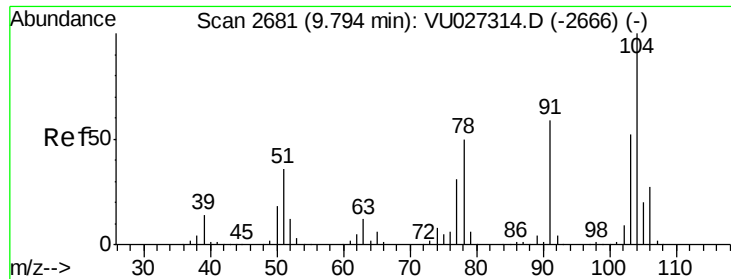
#69
o-Xylene
Concen: 23.735 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion:106 Resp: 54260
Ion Ratio Lower Upper
106 100
91 220.3 111.7 334.9



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

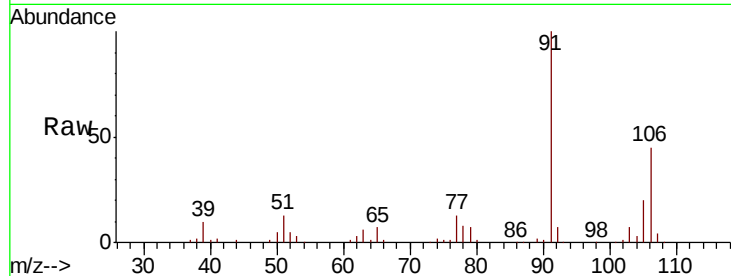




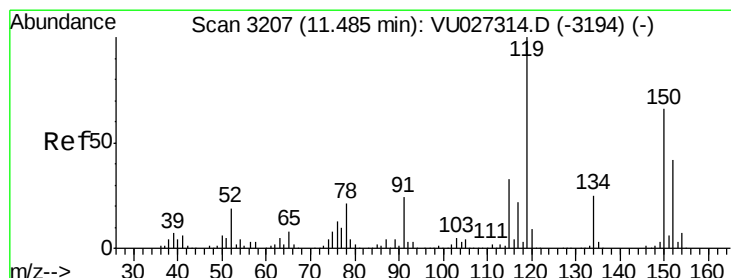
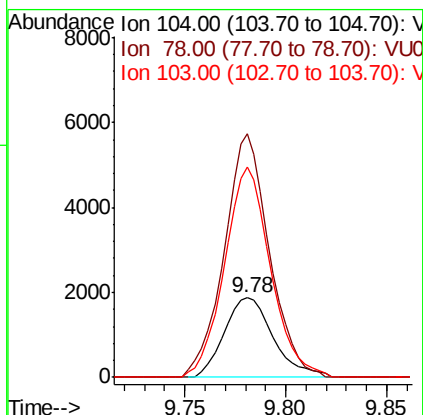
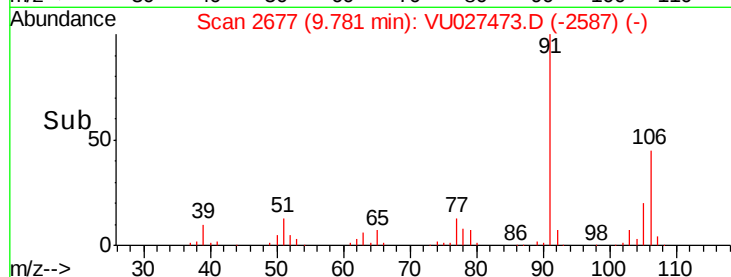
#70
Styrene
Concen: 3.010 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. -0.01 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tgt Ion:104 Resp: 3182
Ion Ratio Lower Upper
104 100
78 281.1 42.9 64.3#
103 248.0 43.9 65.9#

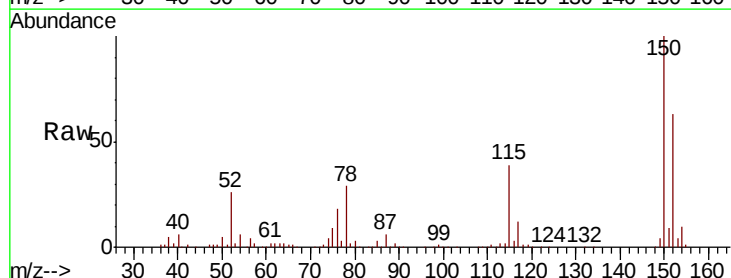


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V

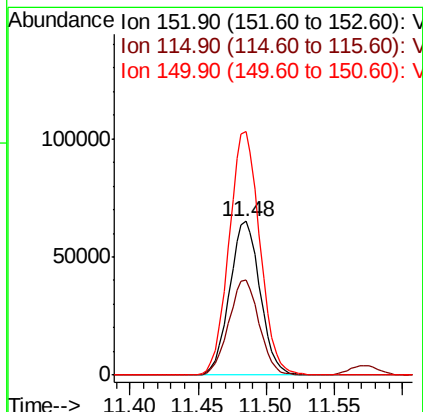
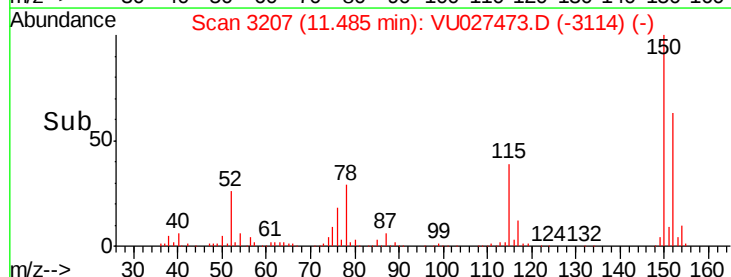


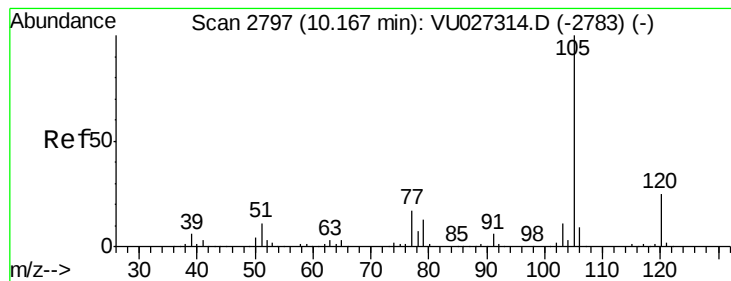
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion:152 Resp: 101158
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.2
150 160.1 0.0 349.2



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: 3.746 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

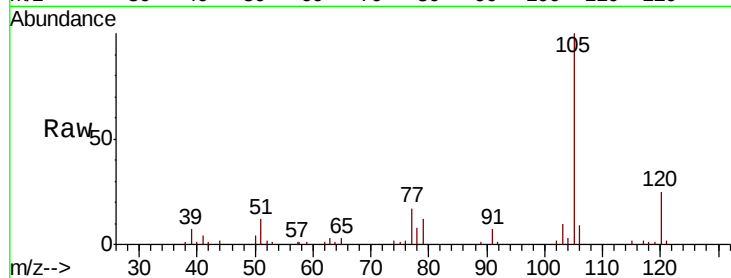
NW-3

Tgt Ion: 105 Resp: 27522

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

20000

15000

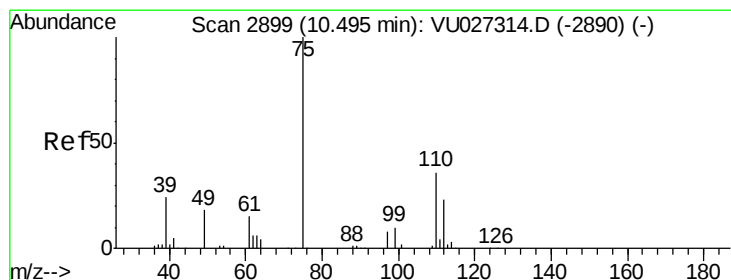
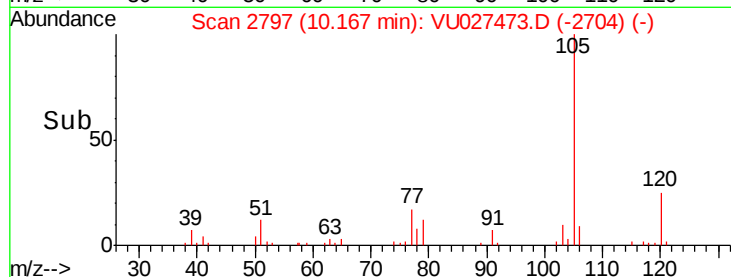
10000

5000

0

Time-->

10.10 10.15 10.20 10.25



#76

1,2,3-Trichloropropane

Concen: 21.646 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027473.D

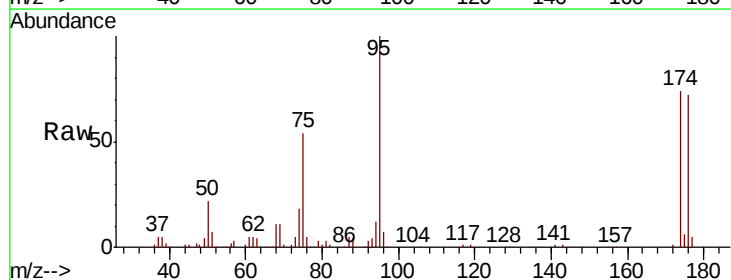
Acq: 05 Oct 2018 23:02

Tgt Ion: 75 Resp: 56761

Ion Ratio Lower Upper

75 100

77 0.0 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

40000

30000

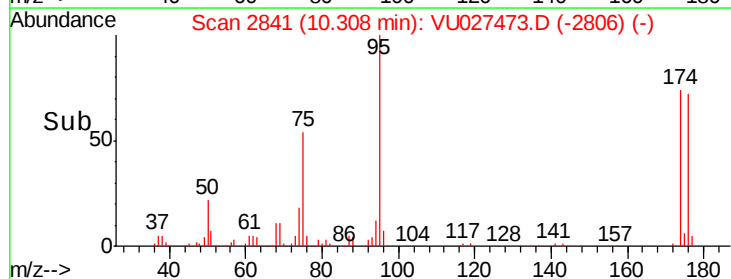
20000

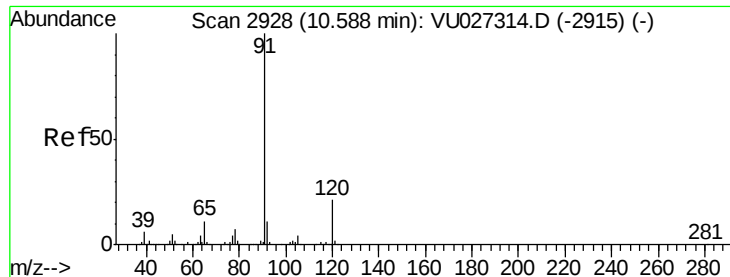
10000

0

Time-->

10.30 10.40





#78

n-propylbenzene

Concen: 9.917 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

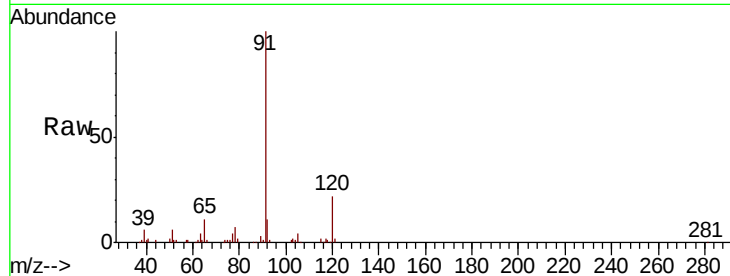
NW-3

Tgt Ion: 91 Resp: 87551

Ion Ratio Lower Upper

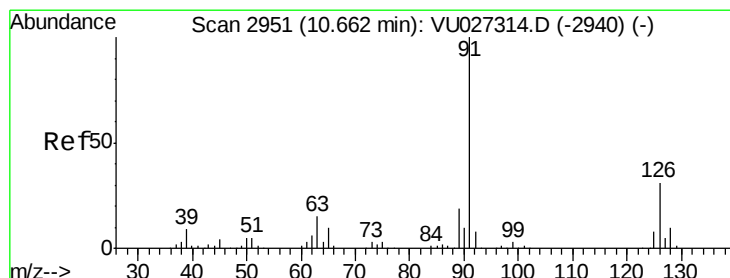
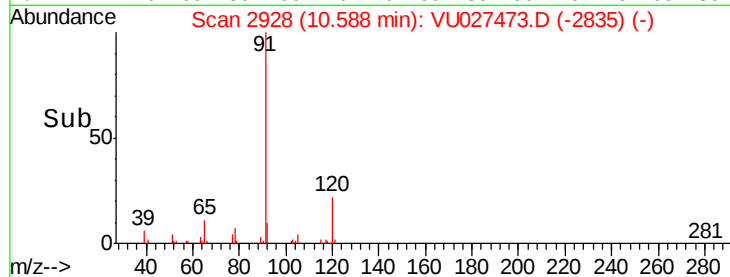
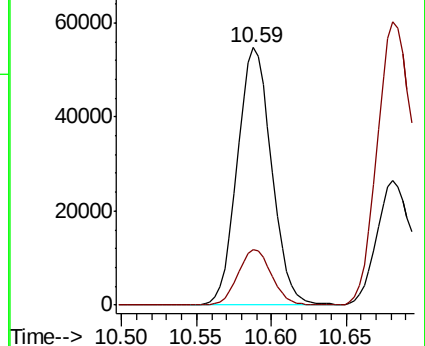
91 100

120 21.0 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: 10.472 ug/l

RT: 10.68 min Scan# 2957

Delta R.T. 0.02 min

Lab File: VU027473.D

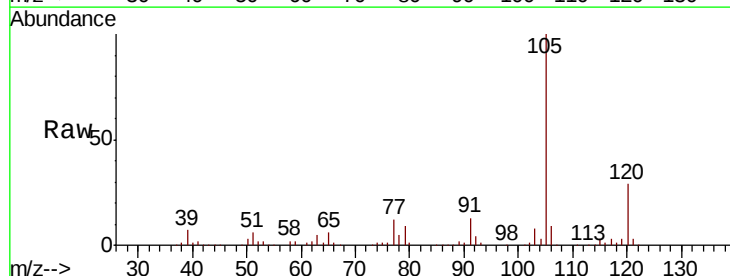
Acq: 05 Oct 2018 23:02

Tgt Ion: 91 Resp: 55818

Ion Ratio Lower Upper

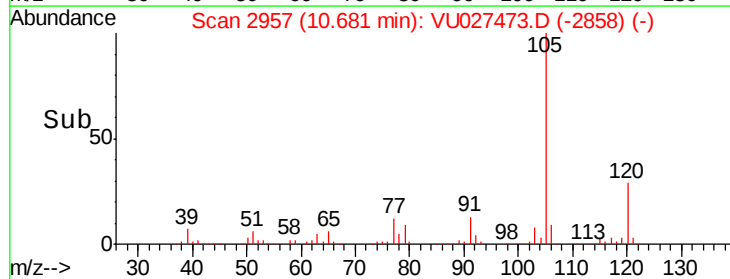
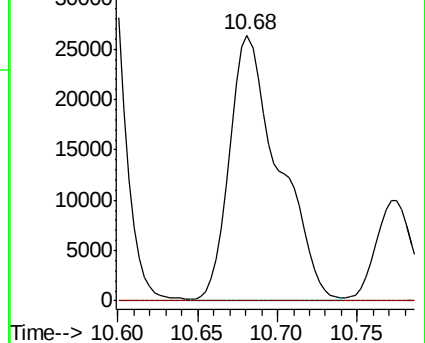
91 100

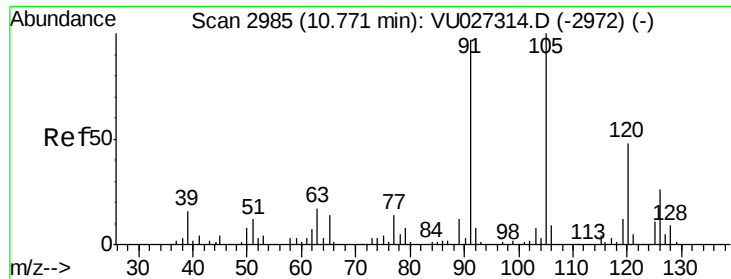
126 0.0 15.7 47.1#



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 125.90 (125.60 to 126.60): V

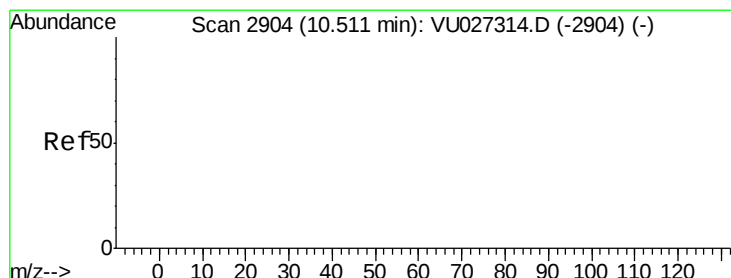
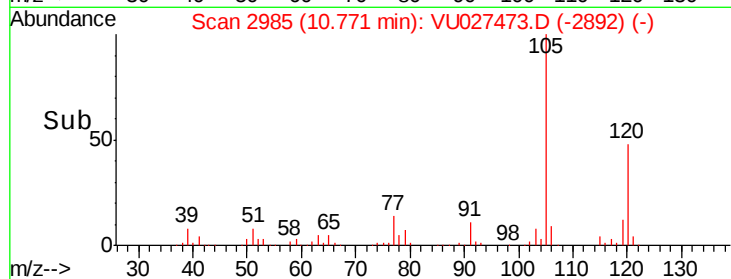
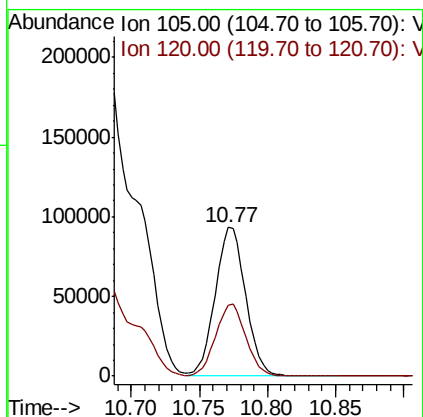
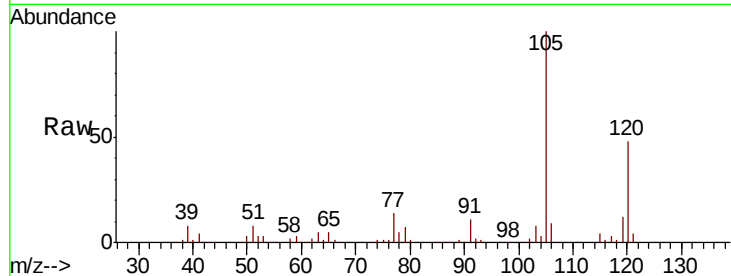




#80
 1,3,5-Trimethylbenzene
 Concen: 24.125 ug/l
 RT: 10.77 min Scan# 2985
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

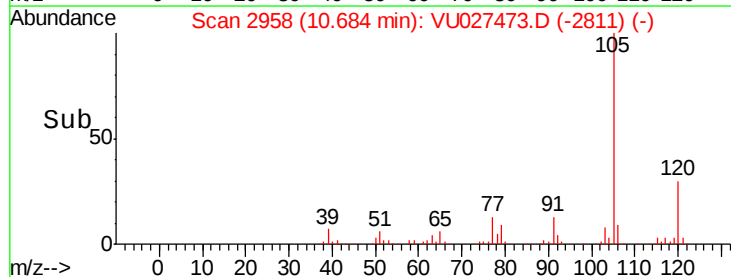
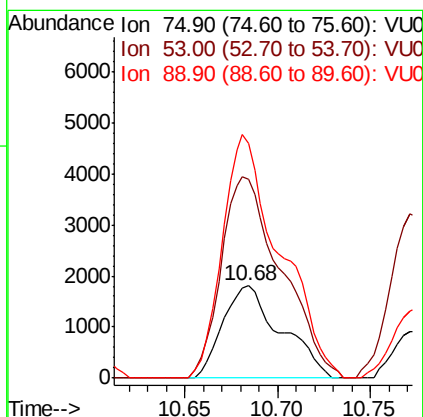
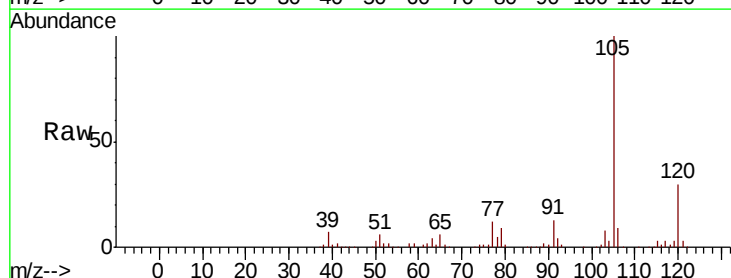
Instrument :
 MSVOA_U
 ClientSampled :
 NW-3

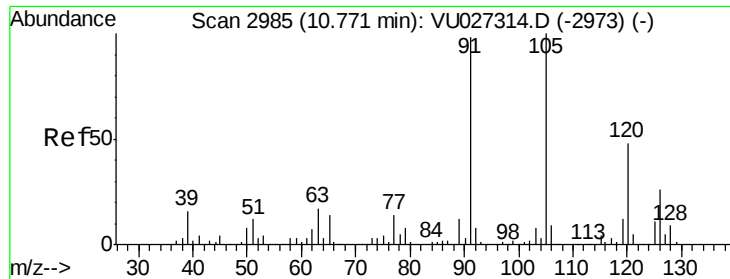
Tgt Ion: 105 Resp: 144306
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.933 ug/l
 RT: 10.68 min Scan# 2958
 Delta R.T. 0.17 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion: 75 Resp: 3941
 Ion Ratio Lower Upper
 75 100
 53 224.9 0.0 0.0#
 89 260.0 0.0 0.0#

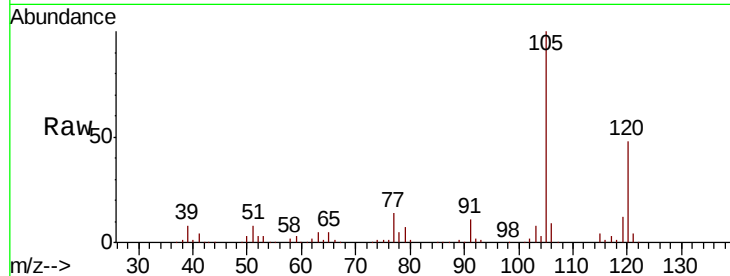




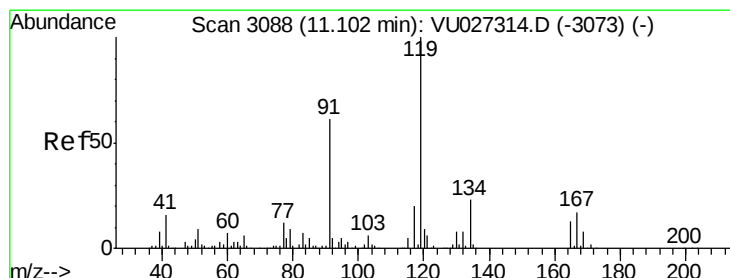
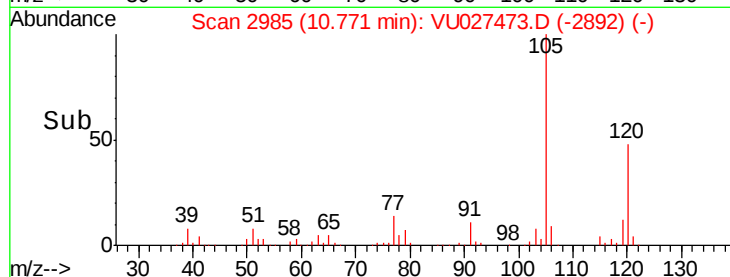
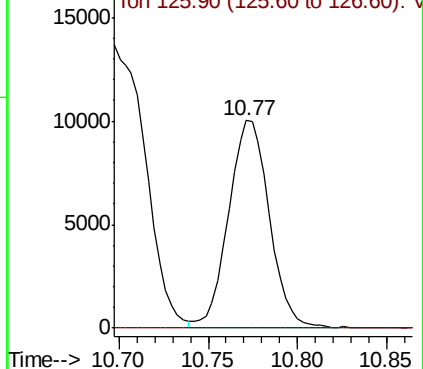
#82
4-Chlorotoluene
Concen: 2.645 ug/l
RT: 10.77 min Scan# 2985
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tgt Ion: 91 Resp: 15997
Ion Ratio Lower Upper
91 100
126 0.0 13.6 40.8#

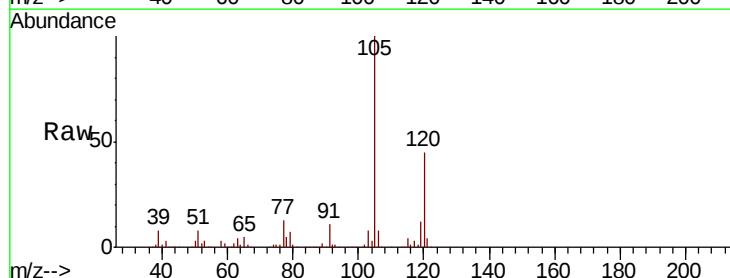


Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2973) (-)
Ion 125.90 (125.60 to 126.60): VU027314.D (-2973) (-)

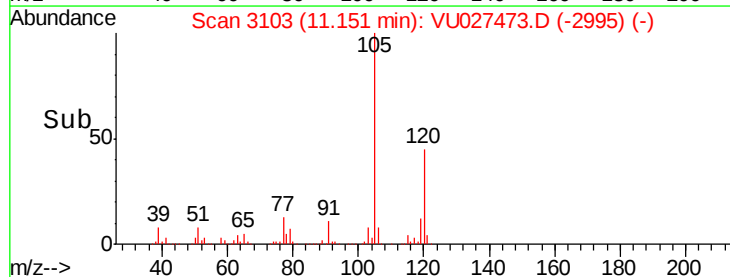
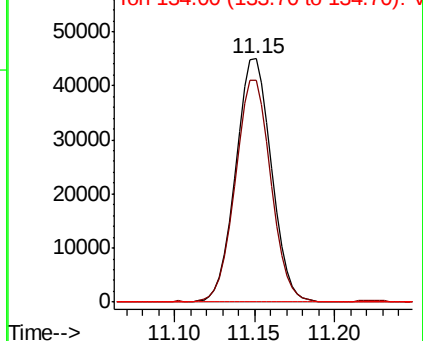


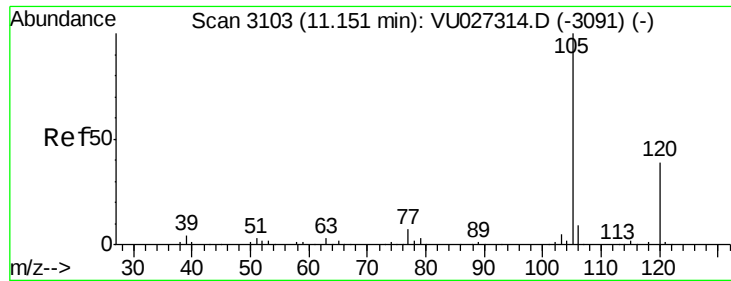
#83
tert-Butylbenzene
Concen: 11.811 ug/l
RT: 11.15 min Scan# 3103
Delta R.T. 0.05 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 119 Resp: 68295
Ion Ratio Lower Upper
119 100
91 89.8 30.3 91.0
134 0.0 11.5 34.4#



Abundance Ion 119.00 (118.70 to 119.70): VU027314.D (-3073) (-)
Ion 91.00 (90.70 to 91.70): VU027314.D (-3073) (-)
Ion 134.00 (133.70 to 134.70): VU027314.D (-3073) (-)

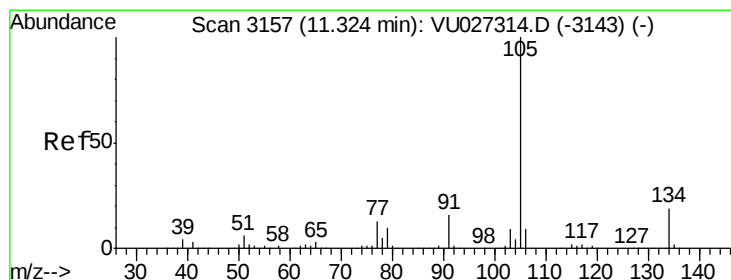
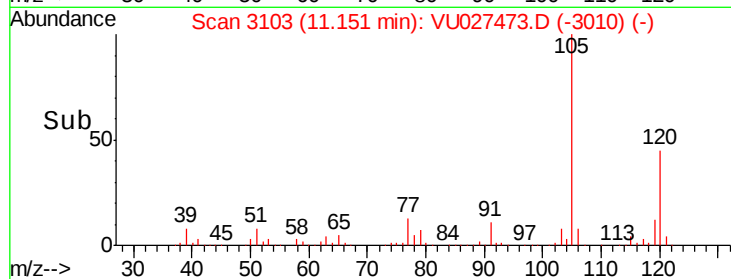
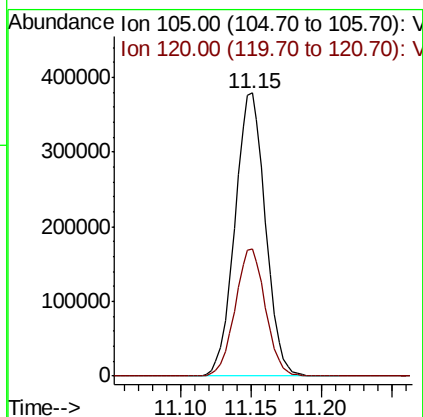
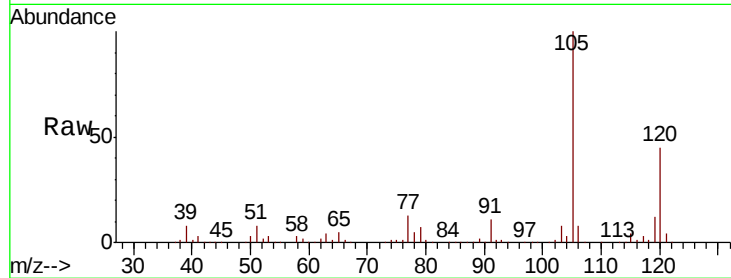




#84
 1,2,4-Trimethylbenzene
 Concen: 93.842 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

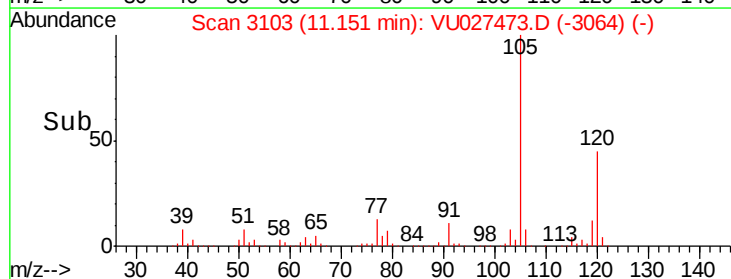
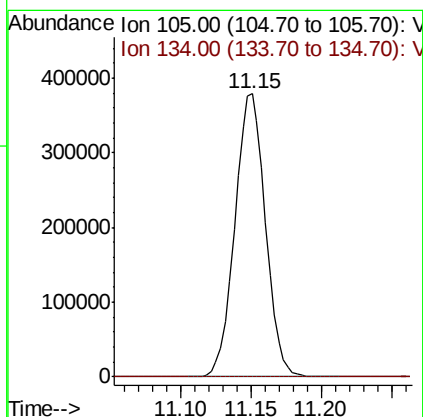
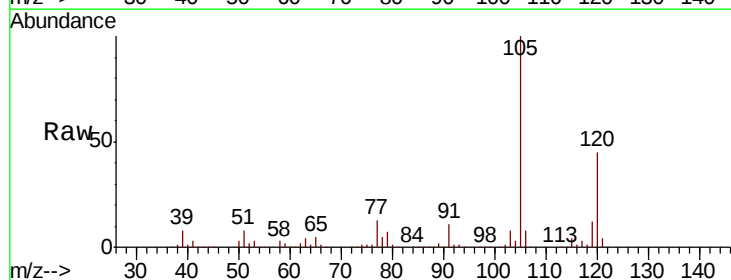
Instrument :
 MSVOA_U
 ClientSampled :
 NW-3

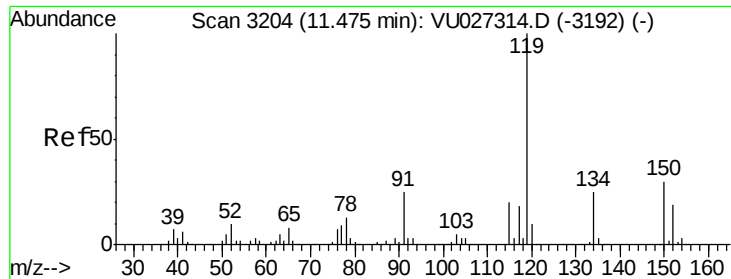
Tgt Ion:105 Resp: 573387
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 78.698 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. -0.17 min
 Lab File: VU027473.D
 Acq: 05 Oct 2018 23:02

Tgt Ion:105 Resp: 573387
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.6 28.6#

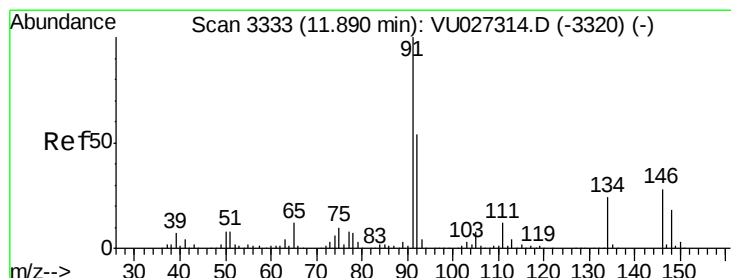
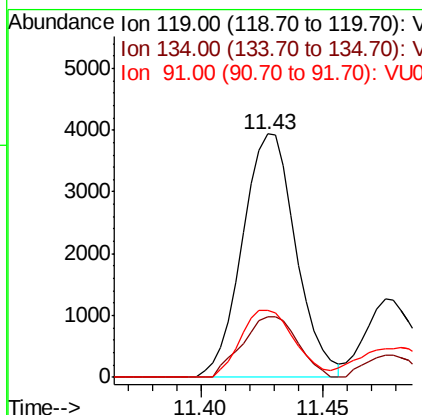
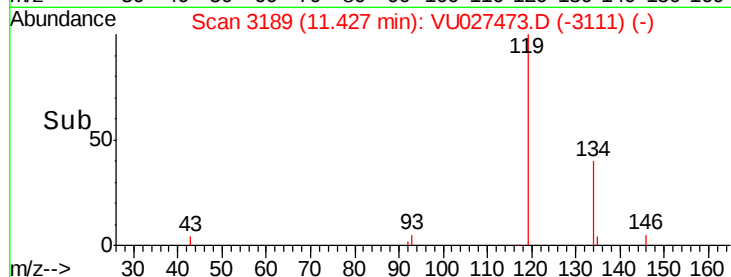
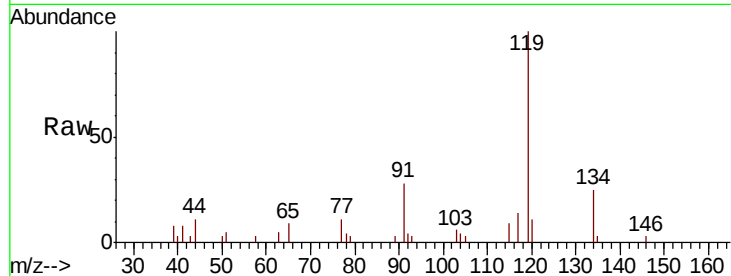




#86
p-Isopropyltoluene
Concen: 0.960 ug/l
RT: 11.43 min Scan# 3189
Delta R.T. -0.05 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

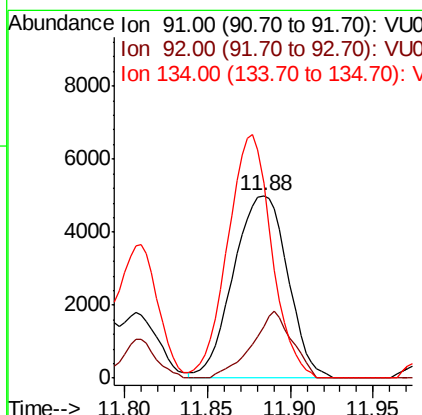
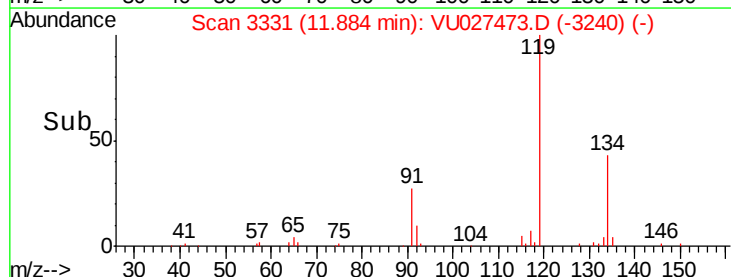
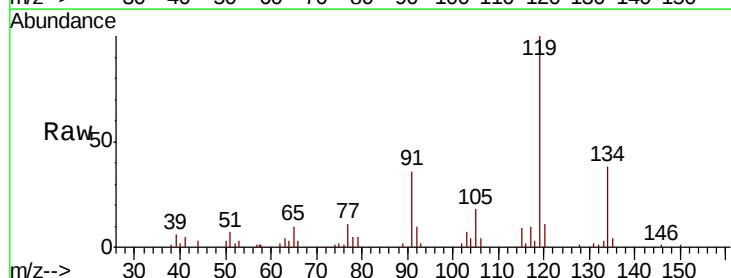
Instrument :
MSVOA_U
ClientSampleId :
NW-3

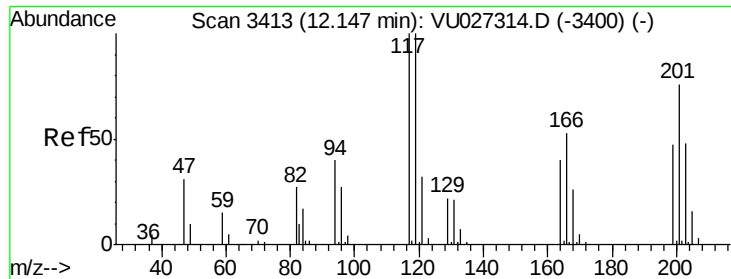
Tgt Ion: 119 Resp: 5988
Ion Ratio Lower Upper
119 100
134 25.7 12.7 38.1
91 27.9 12.2 36.4



#89
n-Butylbenzene
Concen: 3.599 ug/l
RT: 11.88 min Scan# 3331
Delta R.T. -0.01 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 91 Resp: 11365
Ion Ratio Lower Upper
91 100
92 27.2 27.0 81.0
134 108.2 11.7 35.1#

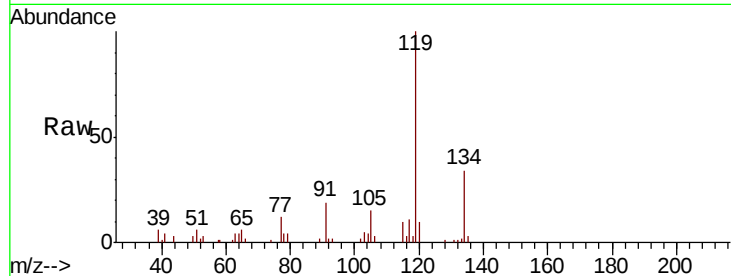




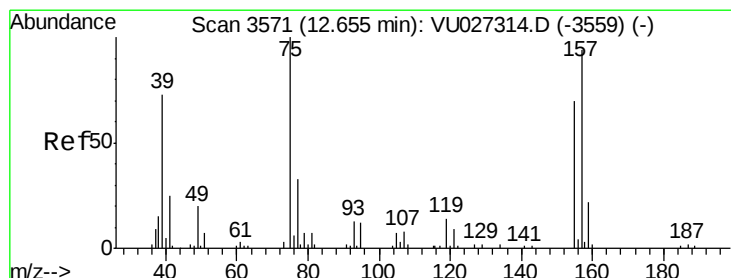
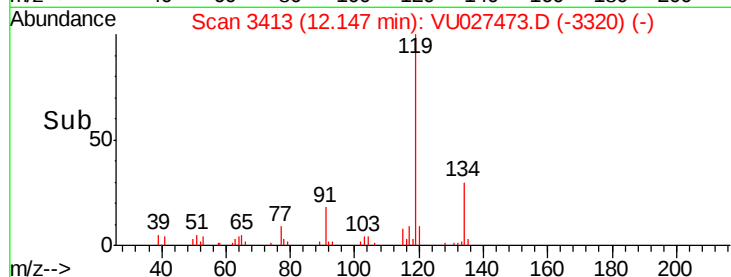
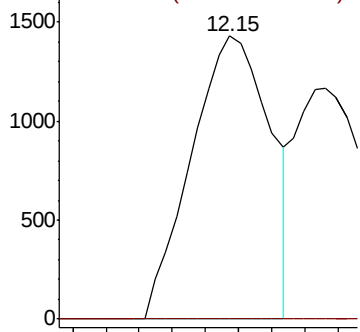
#90
Hexachloroethane
Concen: 2.010 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Instrument :
MSVOA_U
ClientSampleId :
NW-3

Tgt Ion: 117 Resp: 2364
Ion Ratio Lower Upper
117 100
201 0.0 37.9 113.6#

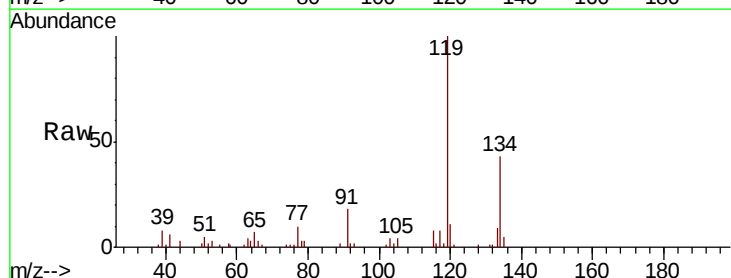


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

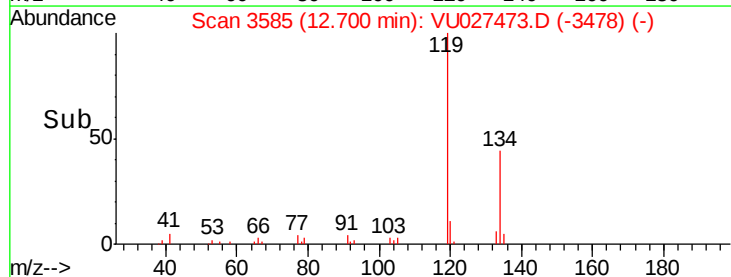
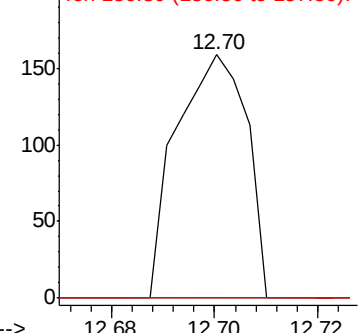


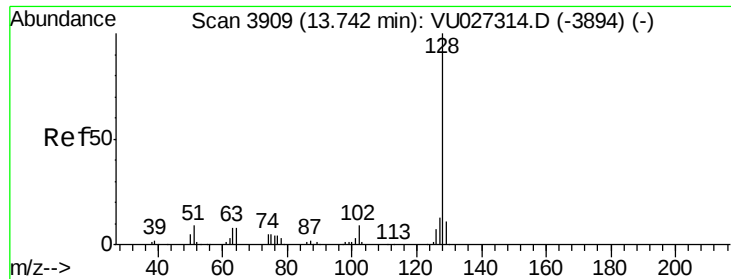
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.233 ug/l
RT: 12.70 min Scan# 3585
Delta R.T. 0.05 min
Lab File: VU027473.D
Acq: 05 Oct 2018 23:02

Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.8#
157 0.0 46.9 140.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 20.305 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027473.D

Acq: 05 Oct 2018 23:02

Instrument :

MSVOA_U

ClientSampleId :

NW-3

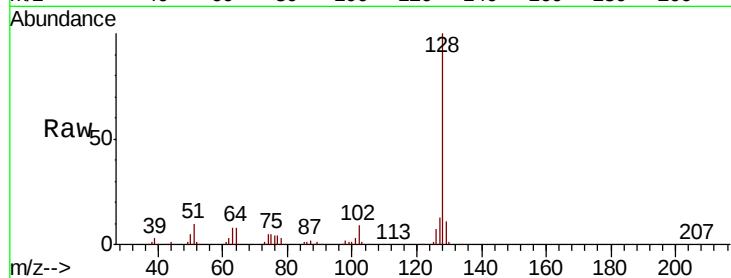
Tgt Ion:128 Resp: 147492

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.7 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

