

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029206.D
 Acq On : 16 Jan 2019 13:53
 Operator : JC/SP
 Sample : K1147-24
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-8

Quant Time: Jan 17 00:59:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 12 01:33:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	108746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	187741	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	180120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	78543	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	74966	55.77	ug/l	0.00
Spiked Amount			Recovery	=	111.54%	
35) Dibromofluoromethane	4.88	113	64457	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
50) Toluene-d8	7.56	98	246659	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	10.30	95	78362	45.38	ug/l	0.00
Spiked Amount			Recovery	=	90.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	652	Below Cal		98
8) Diethyl Ether	2.11	74	969	1.165	ug/l	68
11) Tert butyl alcohol	2.83	59	389	1.138	ug/l #	73
14) Allyl chloride	2.70	41	5248	2.536	ug/l #	29
16) Acetone	2.32	43	5022	5.930	ug/l	97
17) Carbon Disulfide	2.48	76	43	Below Cal	#	75
18) Methyl Acetate	2.62	43	1192	0.605	ug/l #	83
20) Methylene Chloride	2.70	84	147175	102.358	ug/l	97
29) Tetrahydrofuran	4.65	42	442	0.637	ug/l #	37
31) Cyclohexane	4.99	56	1721	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7690	4.098	ug/l #	44
38) Carbon Tetrachloride	4.98	117	9711	6.205	ug/l #	17
43) Isopropyl Acetate	5.55	43	7921	2.507	ug/l	96
45) 1,2-Dichloropropane	6.70	63	685	0.443	ug/l #	43
48) Methyl methacrylate	6.70	41	50215	32.637	ug/l #	36
51) 4-Methyl-2-Pentanone	7.42	43	35440	16.481	ug/l #	46
52) Toluene	7.64	92	1858	0.521	ug/l	93
54) cis-1,3-Dichloropropene	7.42	75	18819	7.969	ug/l #	62
57) 1,3-Dichloropropane	8.41	76	4263	1.745	ug/l #	42
59) 2-Hexanone	8.31	43	6166	3.653	ug/l #	21
67) Ethyl Benzene	9.25	91	519016	76.997	ug/l	100
68) m/p-Xylenes	9.37	106	1041030	397.474	ug/l	100
69) o-Xylene	9.78	106	502738	199.214	ug/l	99
70) Styrene	9.78	104	24586	5.943	ug/l #	1
73) Isopropylbenzene	10.17	105	18015	3.099	ug/l	99
74) N-amyl acetate	9.98	43	524	0.209	ug/l #	40
76) 1,2,3-Trichloropropane	10.30	75	37863	19.675	ug/l #	34
78) n-propylbenzene	10.58	91	110945	16.194	ug/l	99
79) 2-Chlorotoluene	10.68	91	120229	28.929	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.77	105	464715	95.723	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.68	75	7643	10.243	ug/l #	100
82) 4-Chlorotoluene	10.77	91	46511	9.760	ug/l #	44
83) tert-Butylbenzene	11.15	119	320137	66.904	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.15	105	2636762	543.999	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Jan 12 01:33:59 2019
Response via : Initial Calibration

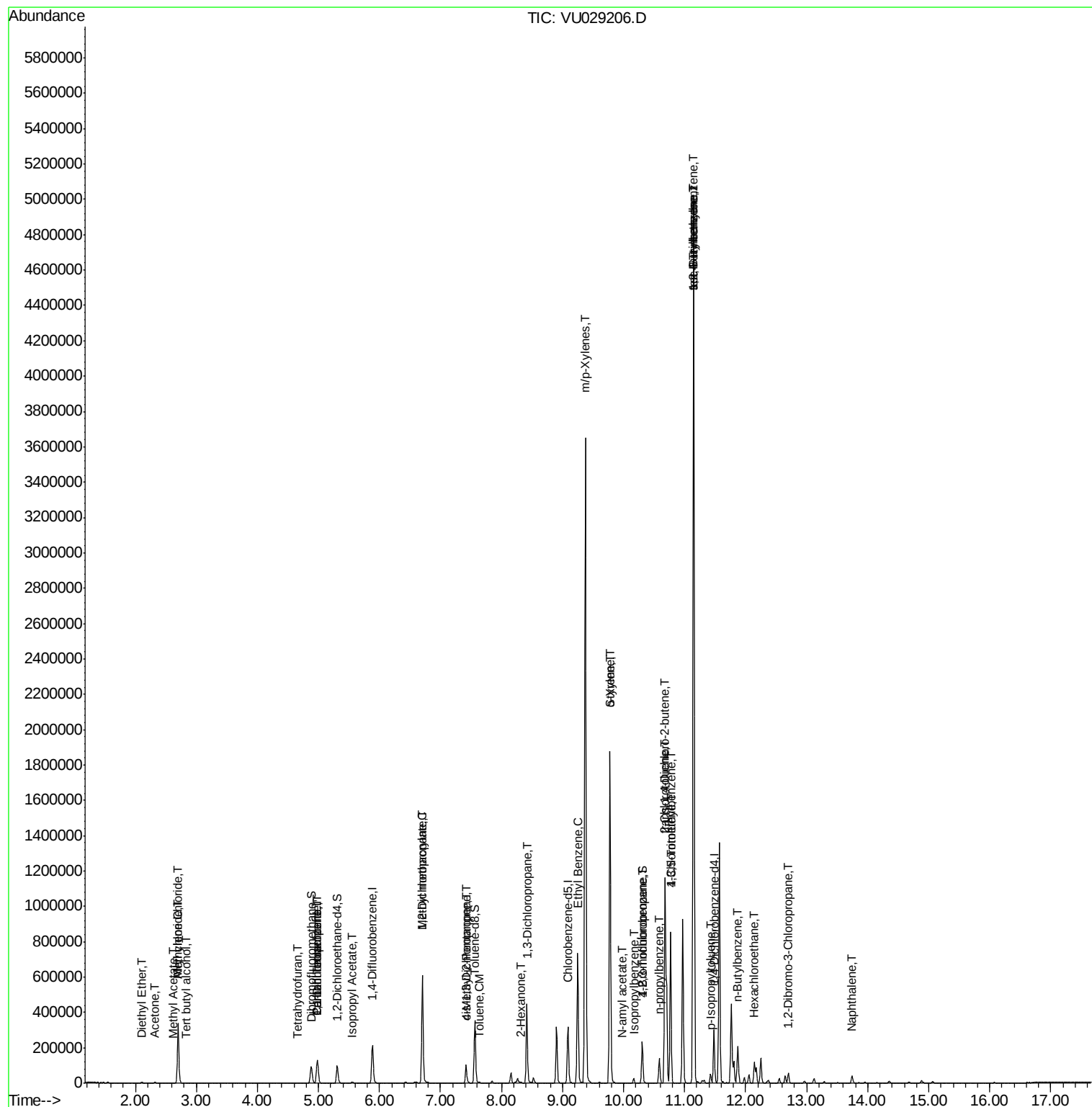
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.15	105	2636762	455.638	ug/l #	57
86) p-Isopropyltoluene	11.43	119	27065	5.489	ug/l	95
89) n-Butylbenzene	11.87	91	29095	6.611	ug/l #	1
90) Hexachloroethane	12.14	117	6563	7.911	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.70	75	157	0.350	ug/l #	1
95) Naphthalene	13.74	128	37058	6.097	ug/l	99

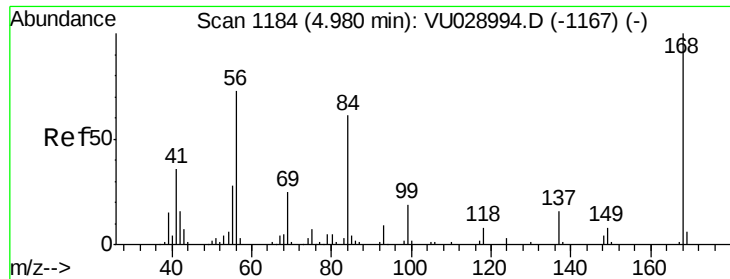
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. 0.00 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

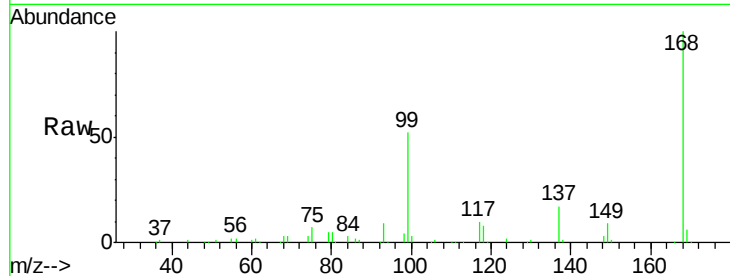
TP-8

Tot Ion:168 Resp: 108746

Ion Ratio Lower Upper

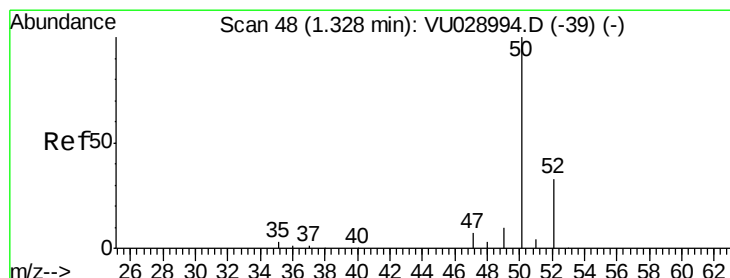
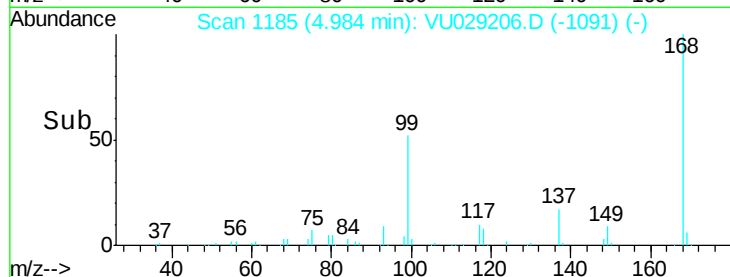
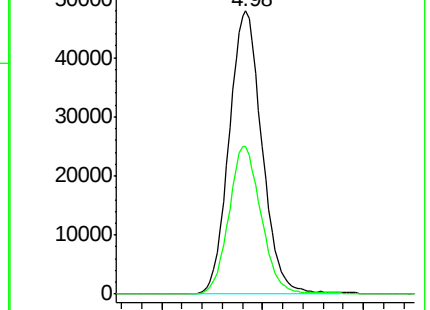
168 100

99 52.0 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): VU028994.D (-1167) (-)

Ion 98.90 (98.60 to 99.60): VU028994.D (-1167) (-)



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029206.D

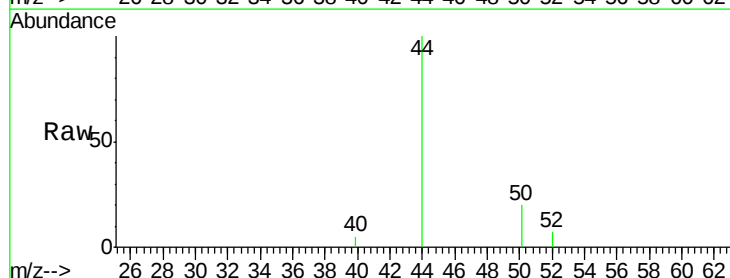
Acq: 16 Jan 2019 13:53

Tgt Ion: 50 Resp: 652

Ion Ratio Lower Upper

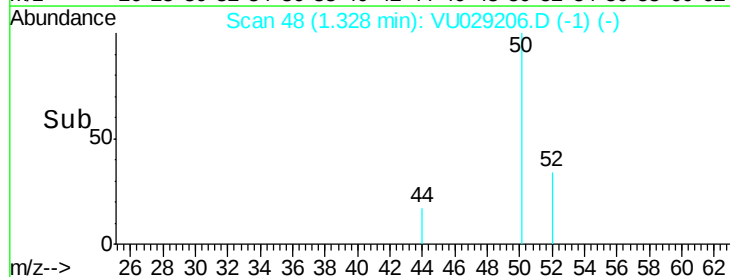
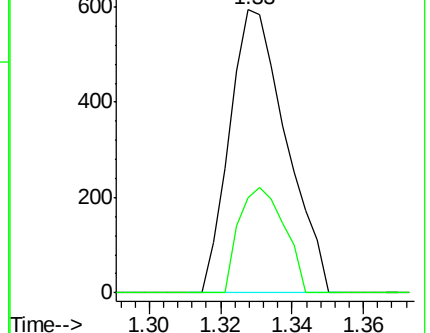
50 100

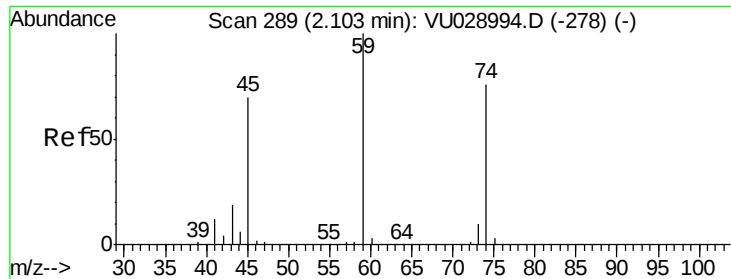
52 33.5 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VU028994.D (-39) (-)

Ion 51.90 (51.60 to 52.60): VU028994.D (-39) (-)

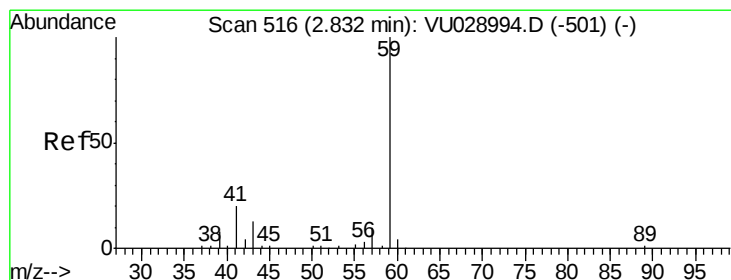
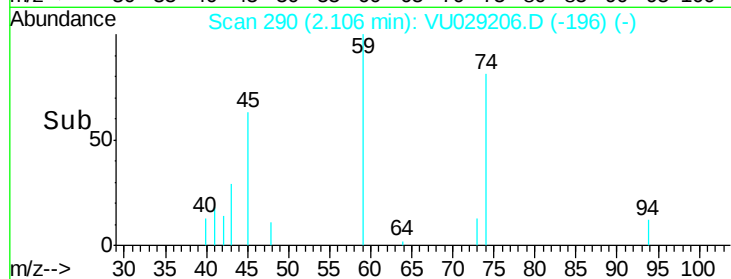
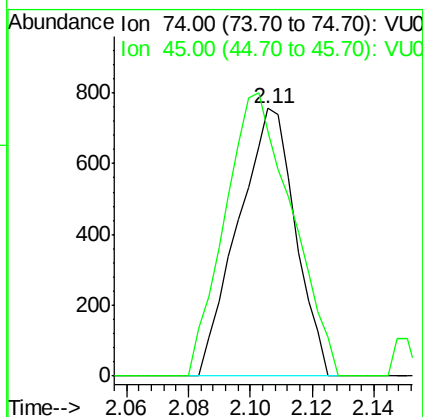
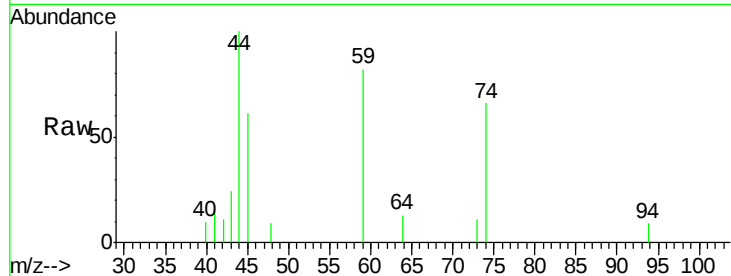




#8
Diethyl Ether
Concen: 1.165 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

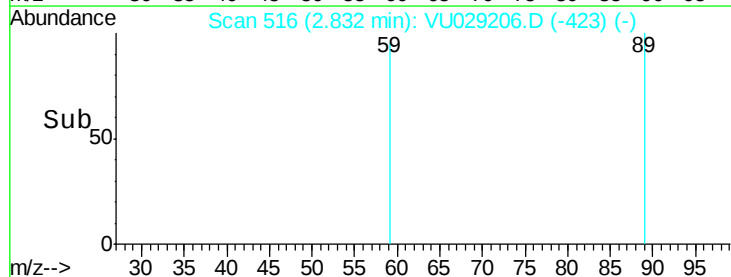
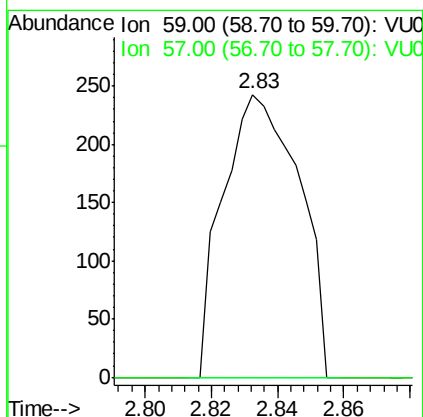
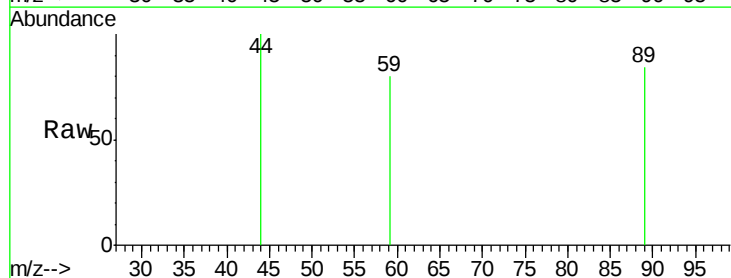
Instrument :
MSVOA_U
ClientSampleId :
TP-8

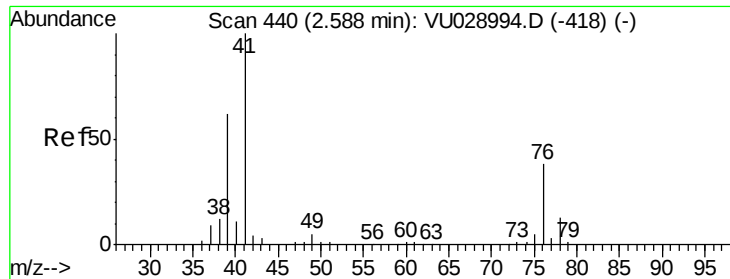
Tot Ion: 74 Resp: 969
Ion Ratio Lower Upper
74 100
45 124.3 46.9 140.6



#11
Tert butyl alcohol
Concen: 1.138 ug/l
RT: 2.83 min Scan# 516
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

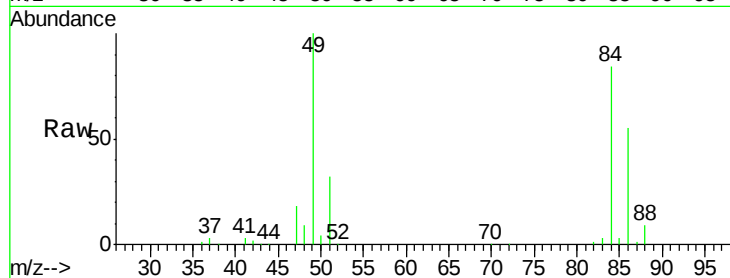




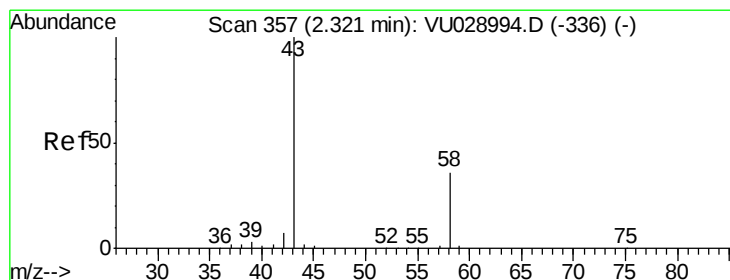
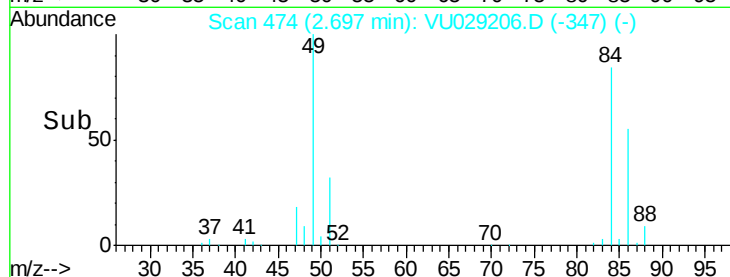
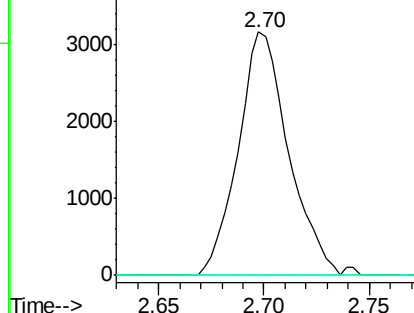
#14
Allvl chloride
Concen: 2.536 ug/l
RT: 2.70 min Scan# 474
Delta R.T. 0.11 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion: 41 Resp: 5248
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
76 0.0 28.1 42.1#

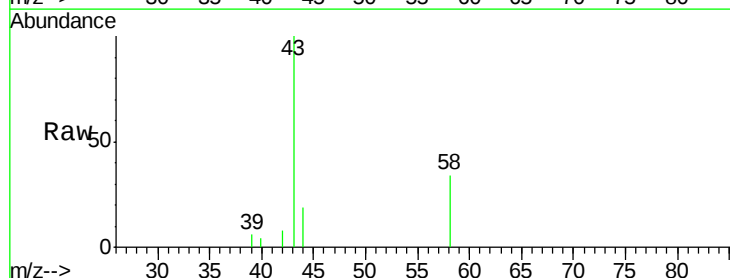


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 75.90 (75.60 to 76.60): VU0

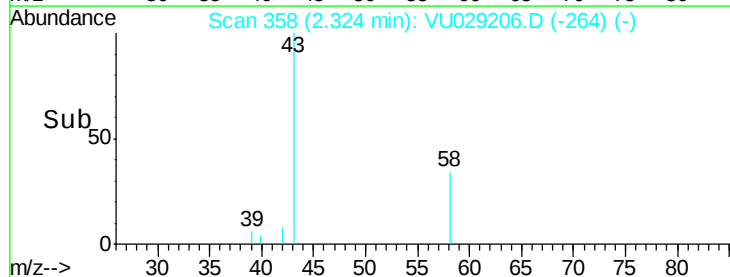
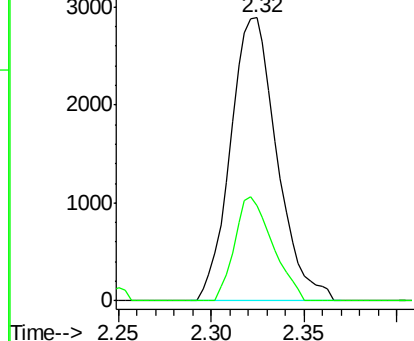


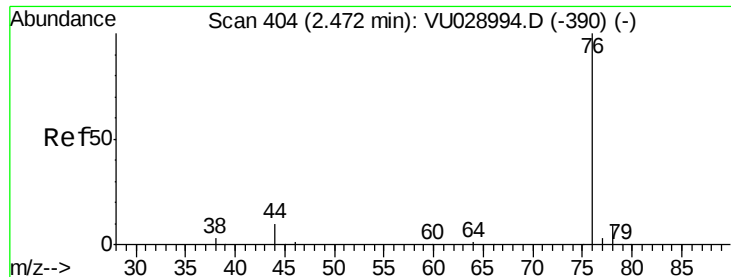
#16
Acetone
Concen: 5.930 ug/l
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 43 Resp: 5022
Ion Ratio Lower Upper
43 100
58 33.8 28.6 42.8



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

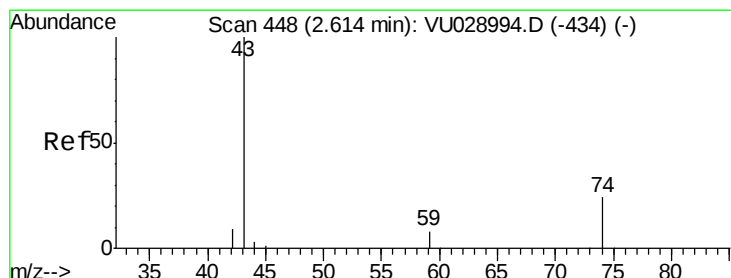
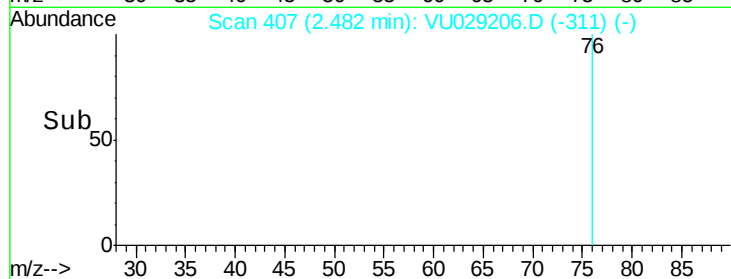
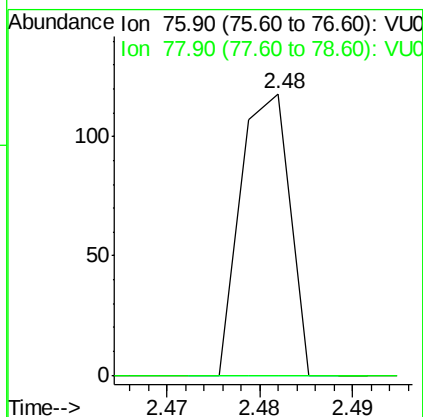
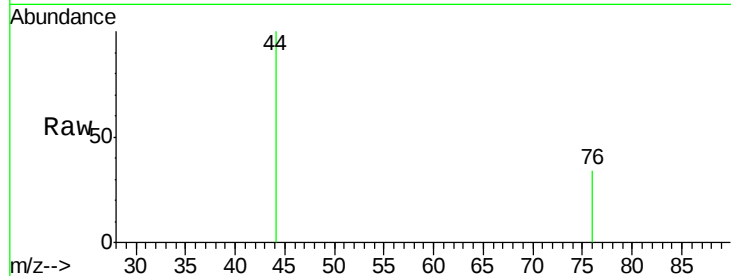




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.48 min Scan# 407
Delta R.T. 0.01 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

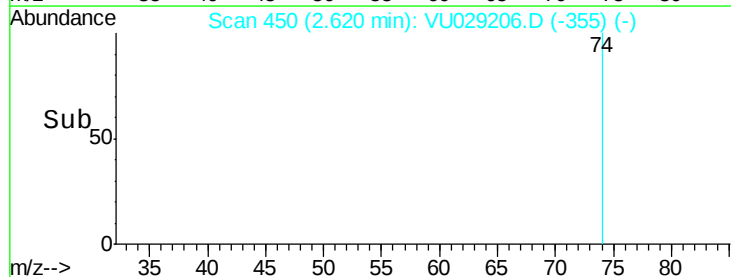
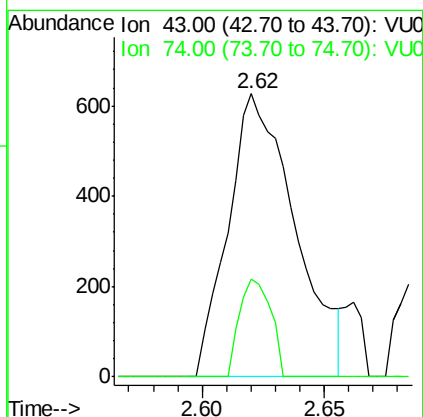
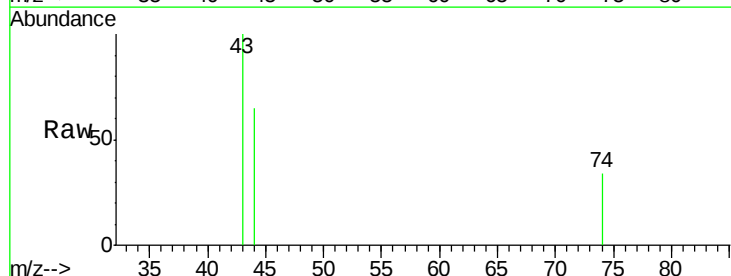
Instrument :
MSVOA_U
ClientSampleId :
TP-8

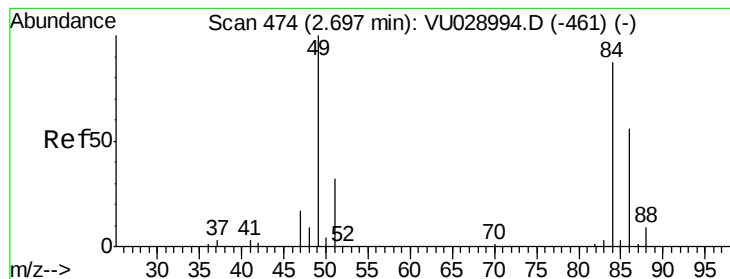
Tot Ion: 76 Resp: 43
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.605 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
74 16.0 19.5 29.3#





#20

Methylene Chloride

Concen: 102.358 ug/l

RT: 2.70 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion: 84 Resp: 147175

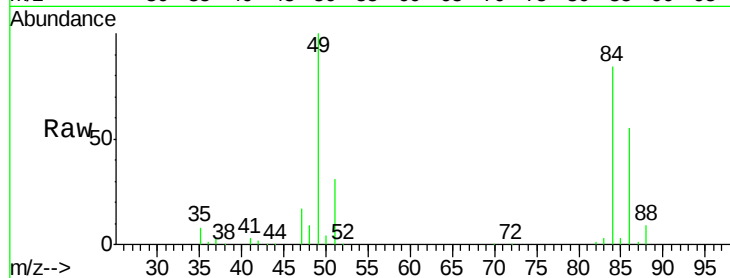
Ion Ratio Lower Upper

84 100

49 119.3 91.9 137.9

51 37.5 29.2 43.8

86 65.6 51.8 77.6

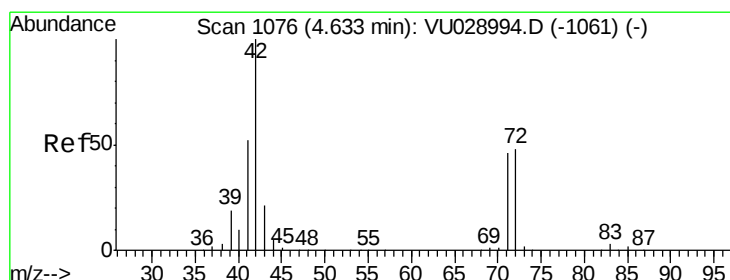
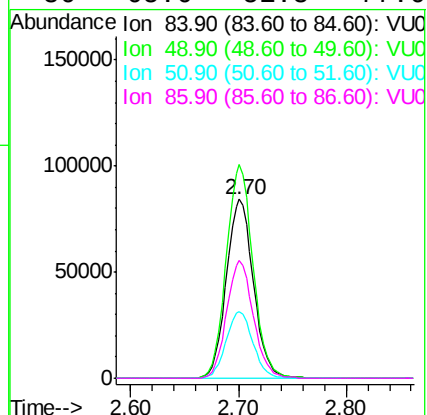
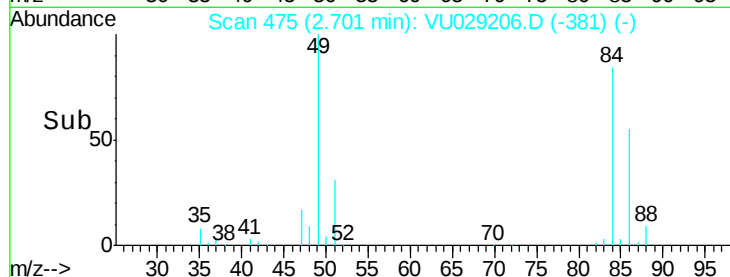


Abundance Ion 83.90 (83.60 to 84.60): VU0

Ion 48.90 (48.60 to 49.60): VU0

Ion 50.90 (50.60 to 51.60): VU0

Ion 85.90 (85.60 to 86.60): VU0



#29

Tetrahydrofuran

Concen: 0.637 ug/l

RT: 4.65 min Scan# 1081

Delta R.T. 0.02 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

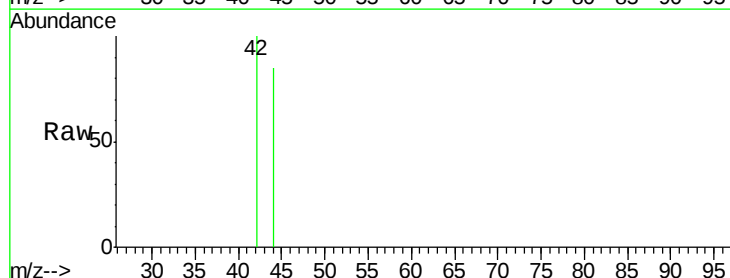
Tgt Ion: 42 Resp: 442

Ion Ratio Lower Upper

42 100

72 4.5 38.3 57.5#

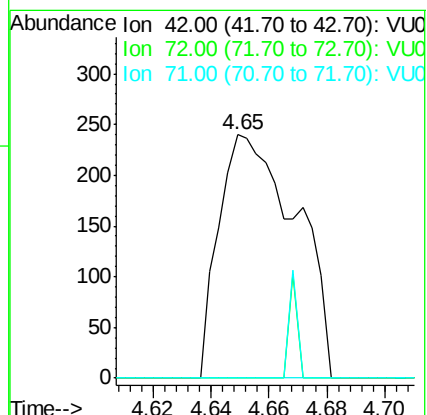
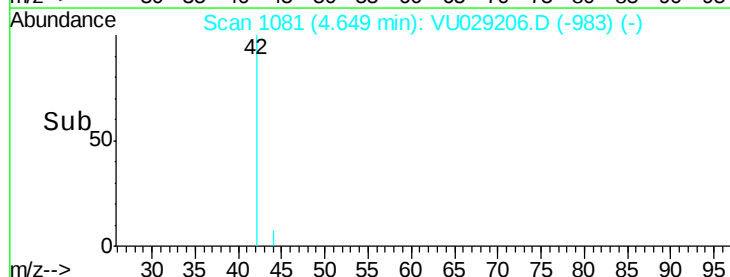
71 4.5 36.1 54.1#

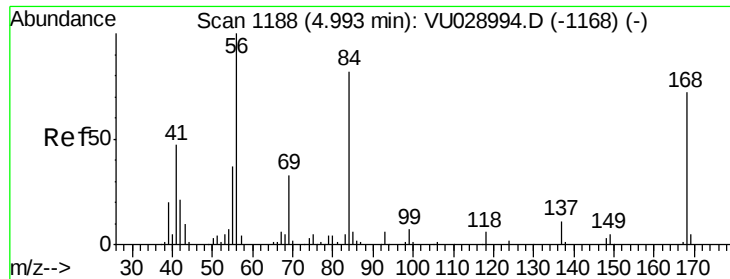


Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0

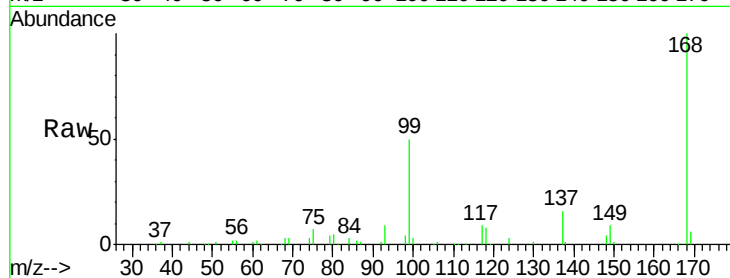




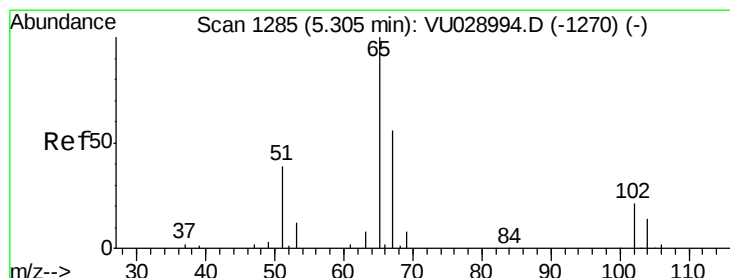
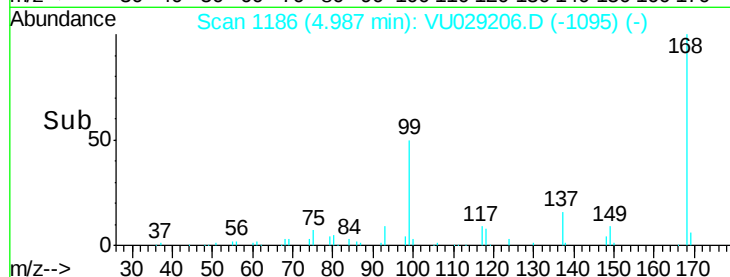
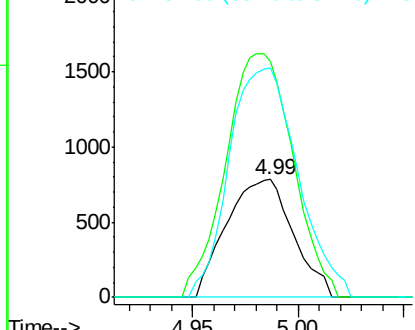
#31
Cyclohexane
Concen: Below Cal
RT: 4.99 min Scan# 1186
Delta R.T. -0.01 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampled :
TP-8

Tot Ion: 56 Resp: 1721
Ion Ratio Lower Upper
56 100
69 200.3 26.7 40.1#
84 194.3 65.7 98.5#

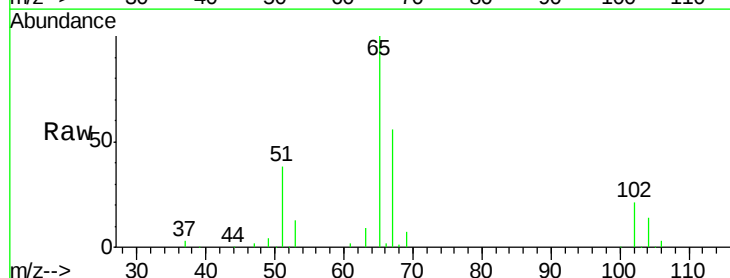


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

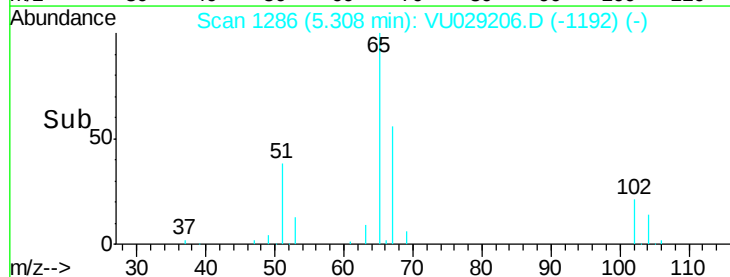
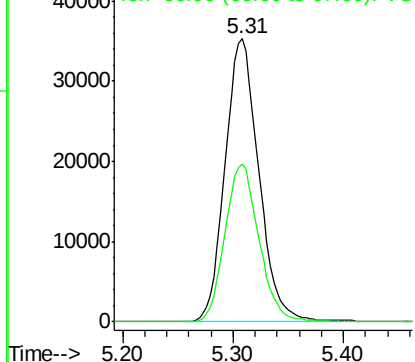


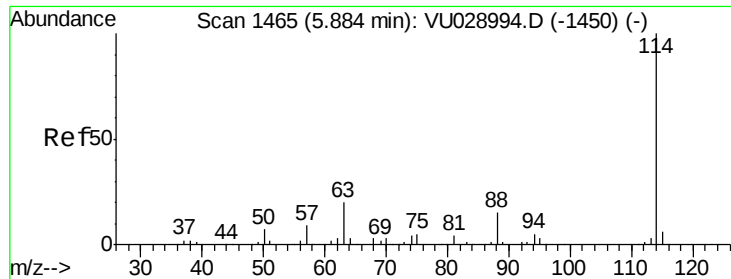
#33
1,2-Dichloroethane-d4
Concen: 55.765 ug/l
RT: 5.31 min Scan# 1286
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 65 Resp: 74966
Ion Ratio Lower Upper
65 100
67 56.2 0.0 111.0



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: 5.88 min Scan# 1465

Delta R.T. 0.00 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

TP-8

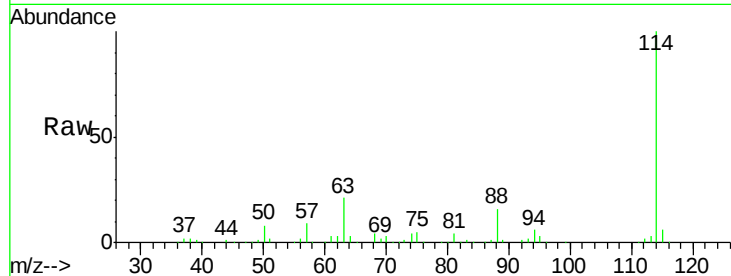
Tot Ion:114 Resp: 187741

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.2

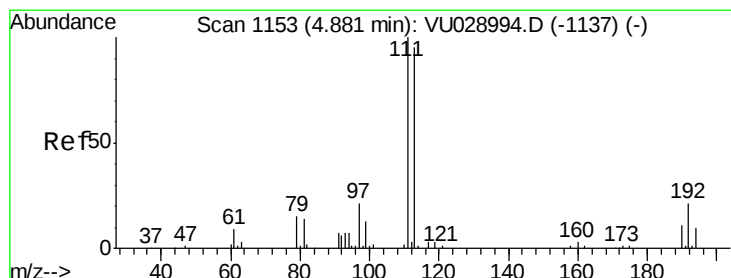
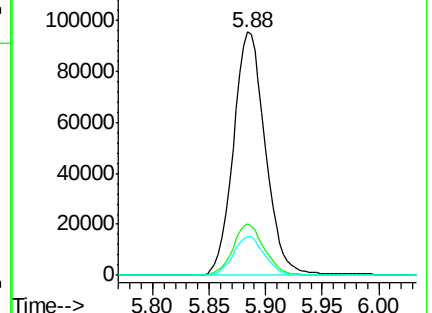
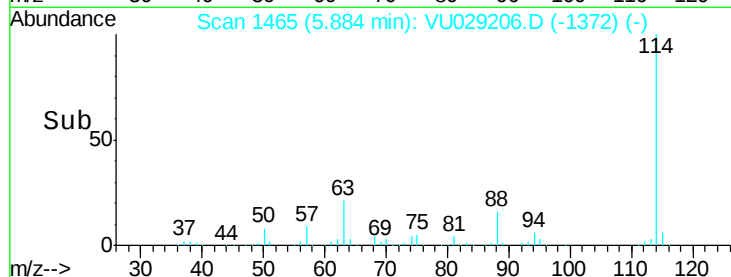
88 15.9 0.0 30.4



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: 52.964 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

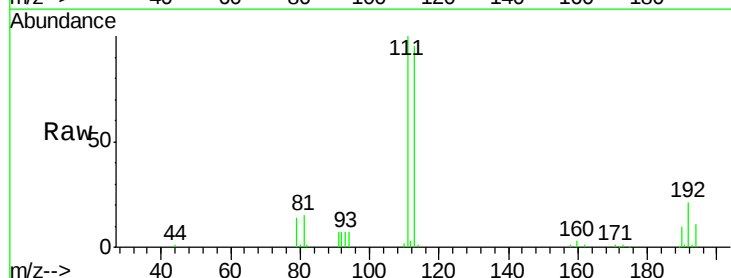
Tgt Ion:113 Resp: 64457

Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.2

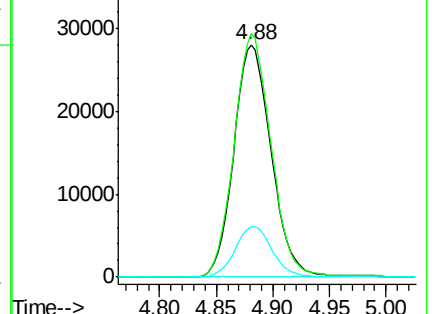
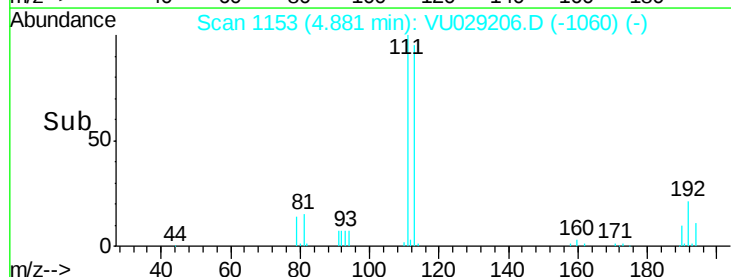
192 21.5 16.8 25.2

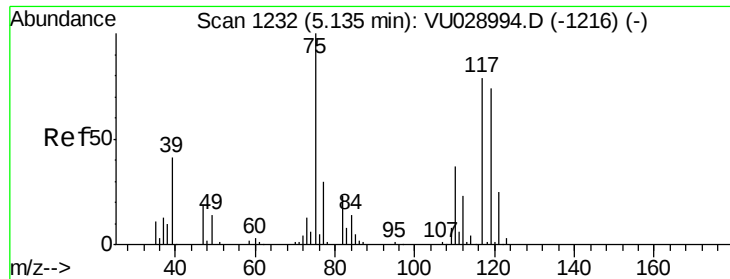


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

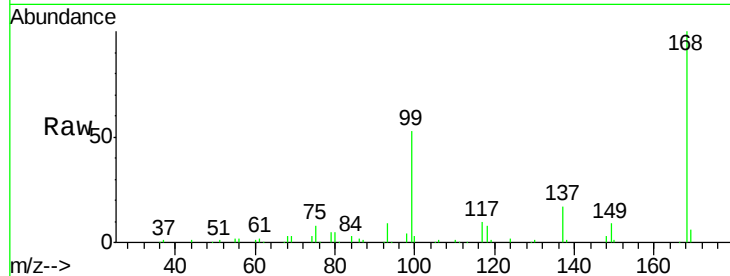




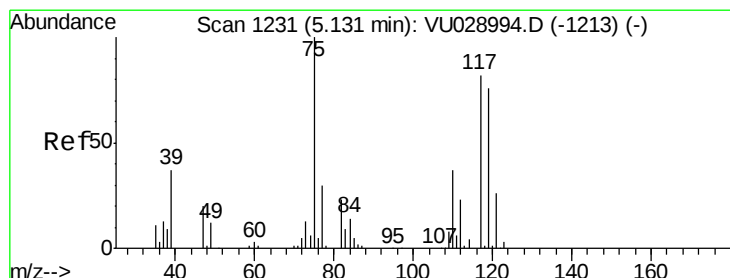
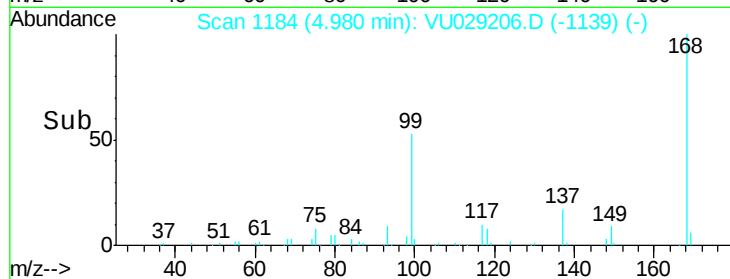
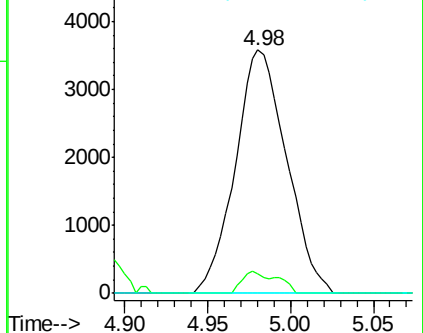
#36
 1,1-Dichloropropene
 Concen: 4.098 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

Instrument :
 MSVOA_U
 ClientSampled :
 TP-8

Tot Ion: 75 Resp: 7690
 Ion Ratio Lower Upper
 75 100
 110 4.1 18.4 55.4#
 77 0.0 25.1 37.7#

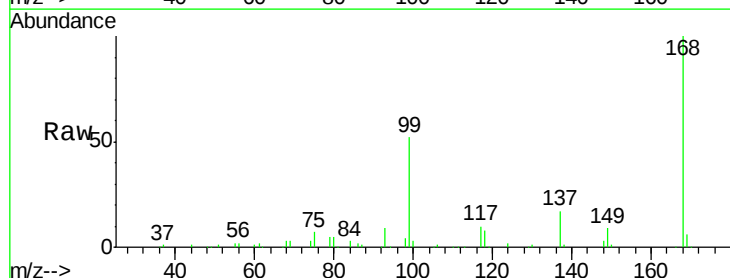


Abundance Ion 74.90 (74.60 to 75.60): VU028994.D (-1216) (-)
 Ion 109.90 (109.60 to 110.60): VU028994.D (-1216) (-)
 Ion 76.90 (76.60 to 77.60): VU028994.D (-1216) (-)

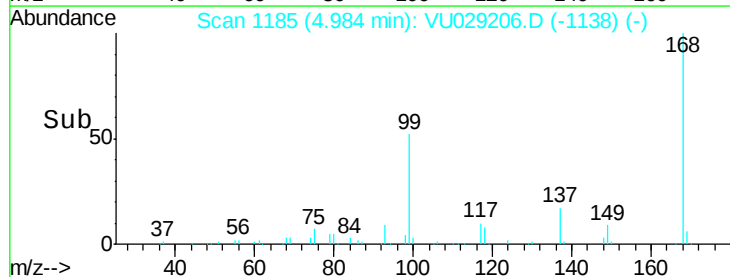
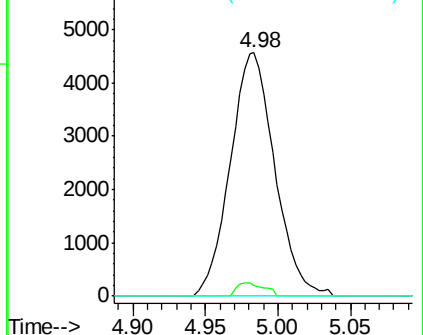


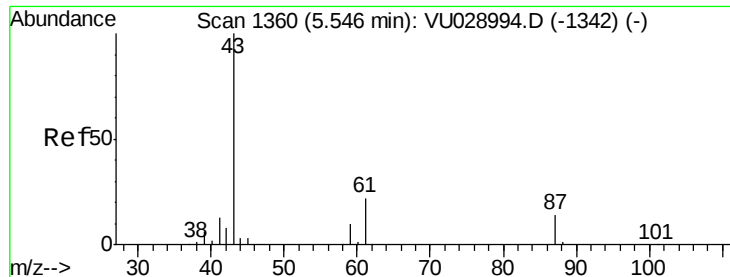
#38
 Carbon Tetrachloride
 Concen: 6.205 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

Tgt Ion: 117 Resp: 9711
 Ion Ratio Lower Upper
 117 100
 119 4.6 74.6 111.8#
 121 0.0 25.0 37.6#



Abundance Ion 116.80 (116.50 to 117.50): VU028994.D (-1213) (-)
 Ion 118.80 (118.50 to 119.50): VU028994.D (-1213) (-)
 Ion 120.80 (120.50 to 121.50): VU028994.D (-1213) (-)





#43

Isopropyl Acetate

Concen: 2.507 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

TP-8

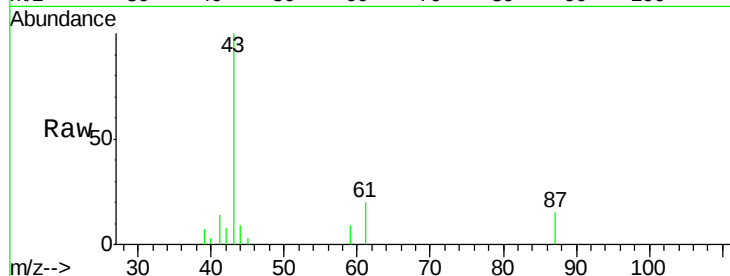
Tot Ion: 43 Resp: 7921

Ion Ratio Lower Upper

43 100

61 19.8 17.8 26.6

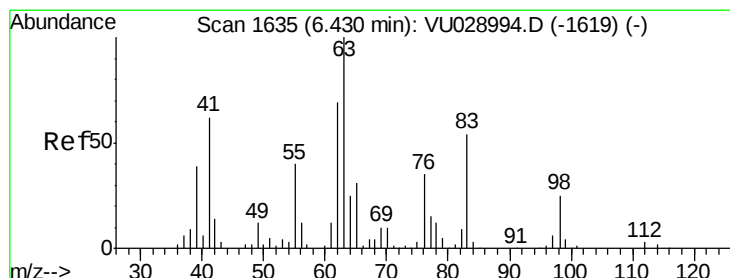
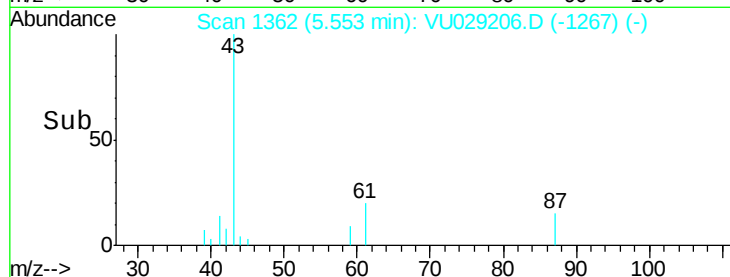
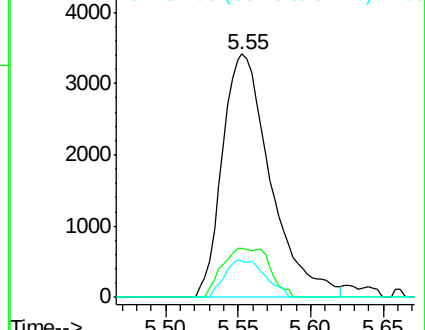
87 12.7 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-1342) (-)

Ion 61.00 (60.70 to 61.70): VU028994.D (-1342) (-)

Ion 87.00 (86.70 to 87.70): VU028994.D (-1342) (-)



#45

1,2-Dichloropropane

Concen: 0.443 ug/l

RT: 6.70 min Scan# 1719

Delta R.T. 0.27 min

Lab File: VU029206.D

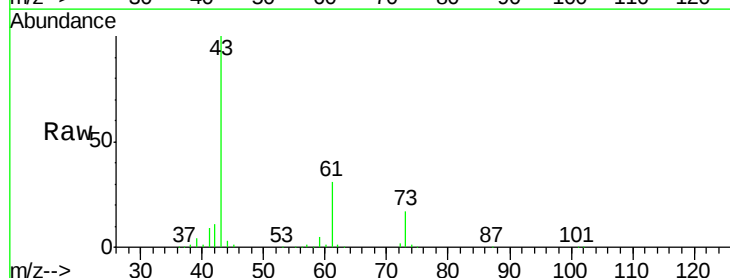
Acq: 16 Jan 2019 13:53

Tgt Ion: 63 Resp: 685

Ion Ratio Lower Upper

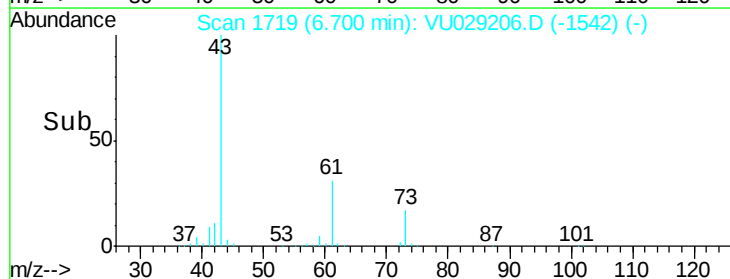
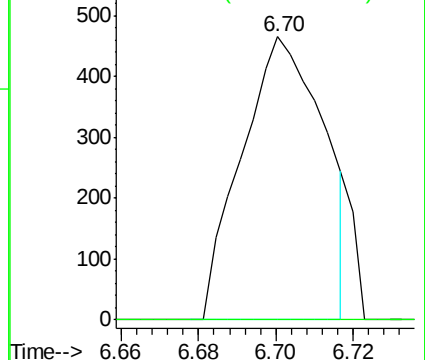
63 100

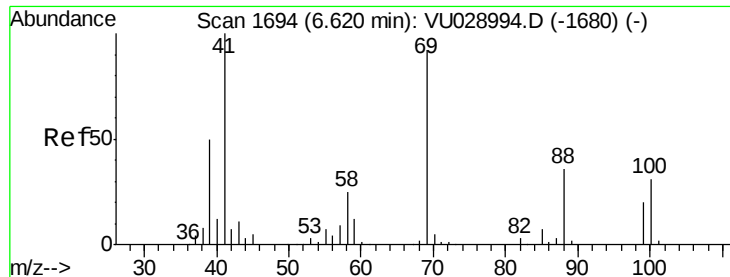
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU028994.D (-1619) (-)

Ion 64.90 (64.60 to 65.60): VU028994.D (-1619) (-)

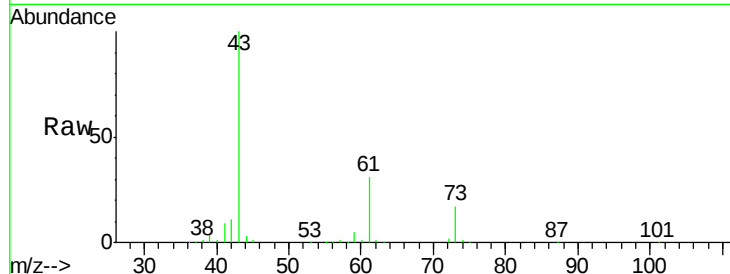




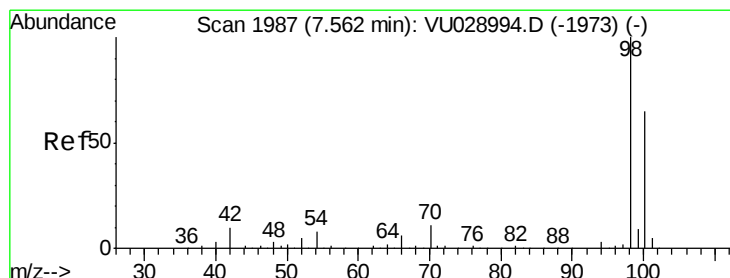
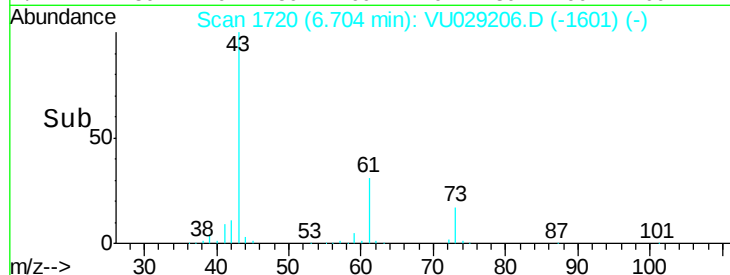
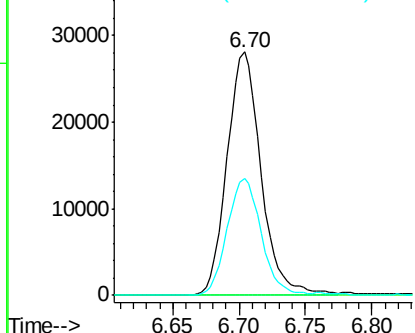
#48
Methvl methacrylate
Concen: 32.637 ug/l
RT: 6.70 min Scan# 1720
Delta R.T. 0.08 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion: 41 Resp: 50215
Ion Ratio Lower Upper
41 100
69 0.0 73.6 110.4#
39 47.8 39.6 59.4

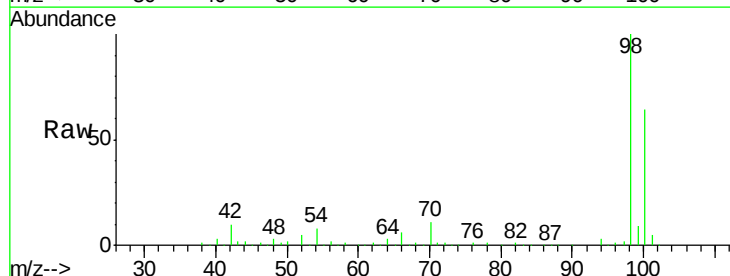


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 39.00 (38.70 to 39.70): VU0

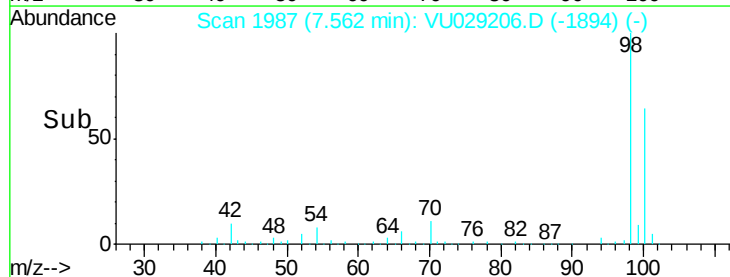
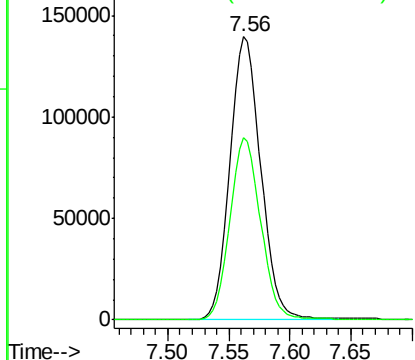


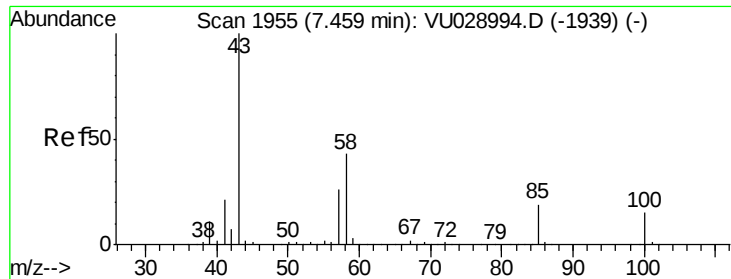
#50
Toluene-d8
Concen: 51.339 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 98 Resp: 246659
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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





#51

4-Methyl-2-Pentanone

Concen: 16.481 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

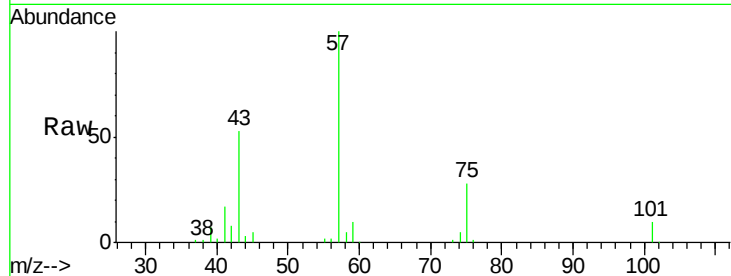
TP-8

Tot Ion: 43 Resp: 35440

Ion Ratio Lower Upper

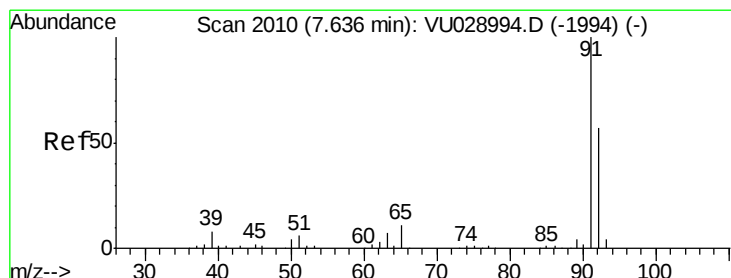
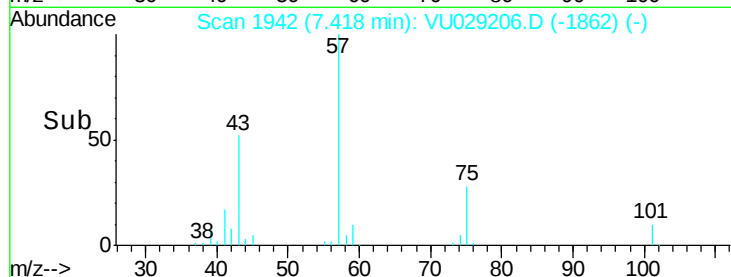
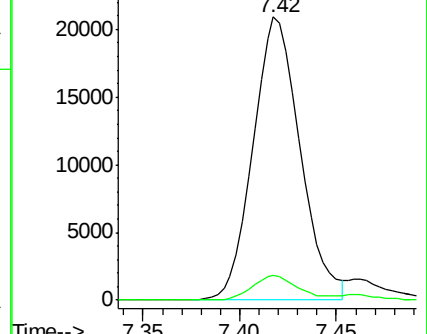
43 100

58 8.2 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#52

Toluene

Concen: 0.521 ug/l

RT: 7.64 min Scan# 2010

Delta R.T. 0.00 min

Lab File: VU029206.D

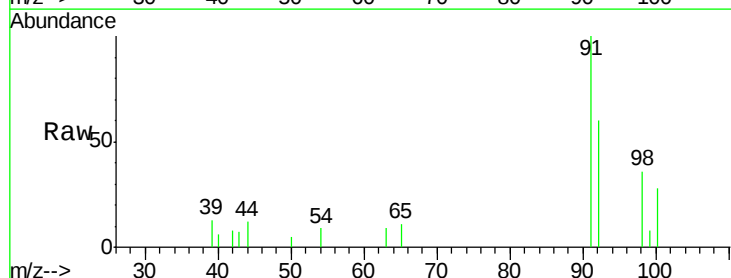
Acq: 16 Jan 2019 13:53

Tgt Ion: 92 Resp: 1858

Ion Ratio Lower Upper

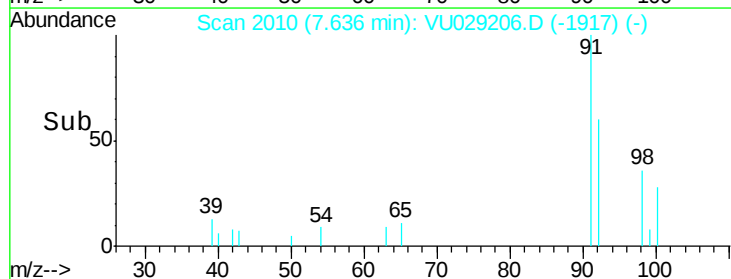
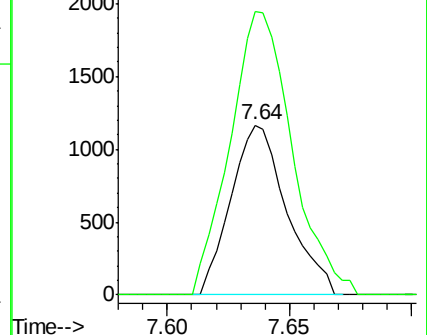
92 100

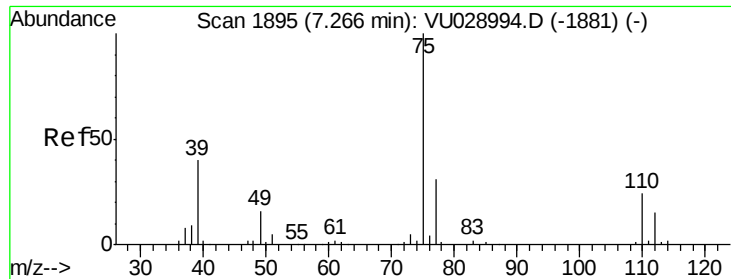
91 184.8 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0

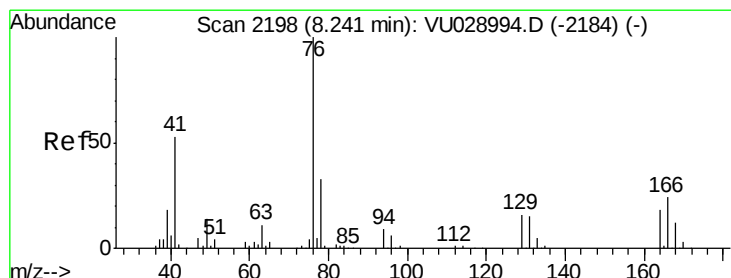
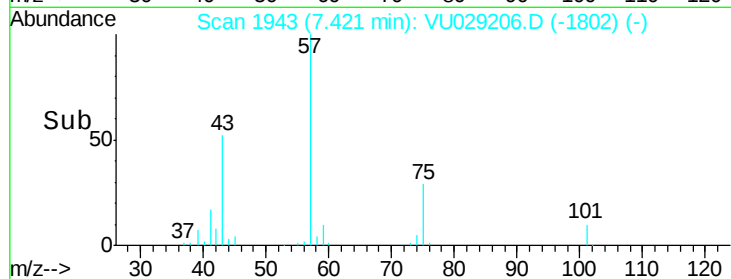
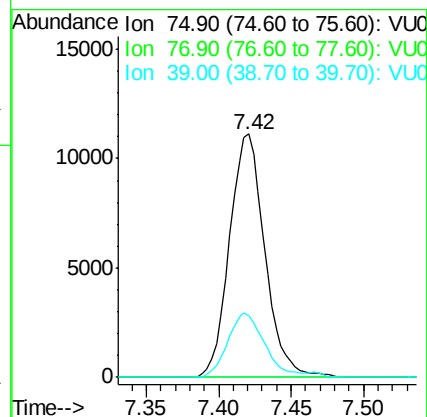
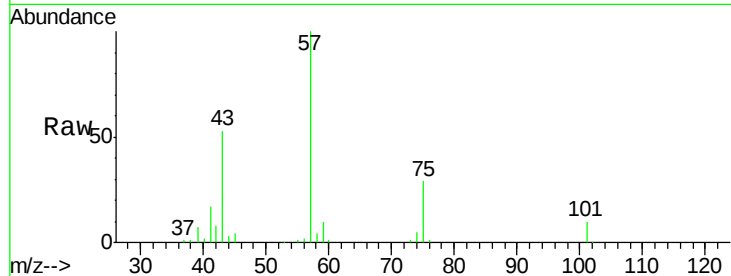




#54
 cis-1,3-Dichloropropene
 Concen: 7.969 ug/l
 RT: 7.42 min Scan# 1943
 Delta R.T. 0.15 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

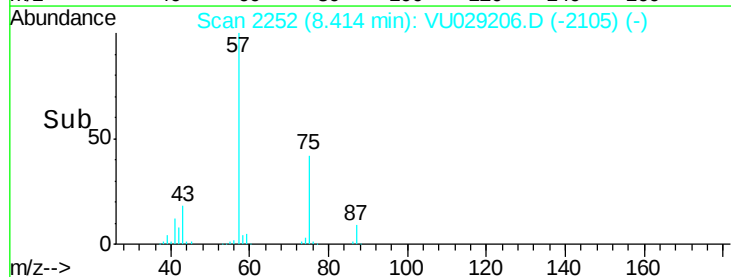
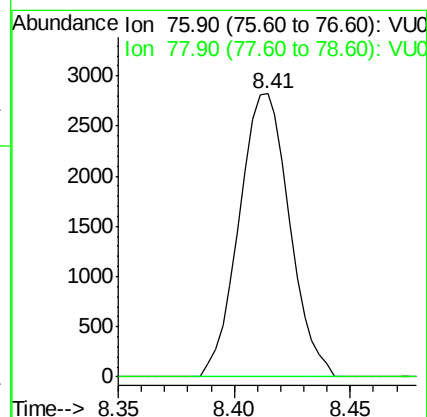
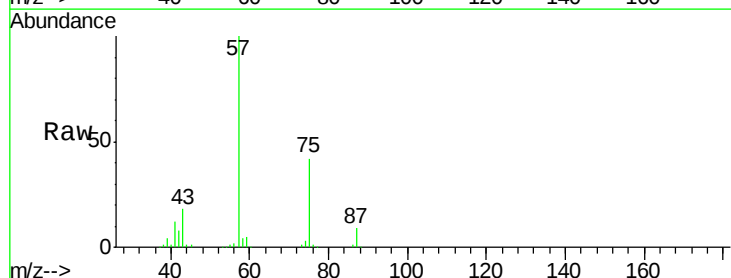
Instrument :
 MSVOA_U
 ClientSampled :
 TP-8

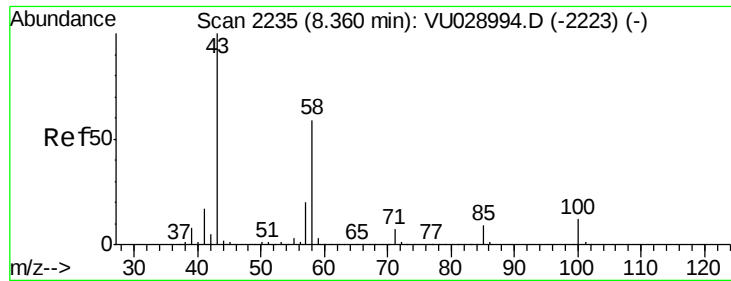
Tot Ion: 75 Resp: 18819
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 25.4 32.2 48.4#



#57
 1,3-Dichloropropane
 Concen: 1.745 ug/l
 RT: 8.41 min Scan# 2252
 Delta R.T. 0.17 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

Tgt Ion: 76 Resp: 4263
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

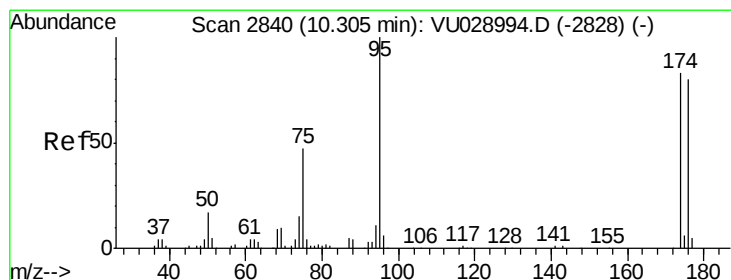
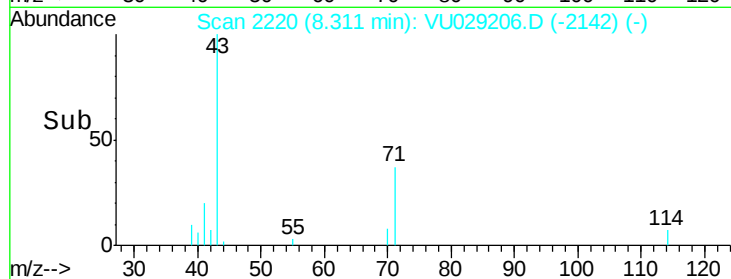
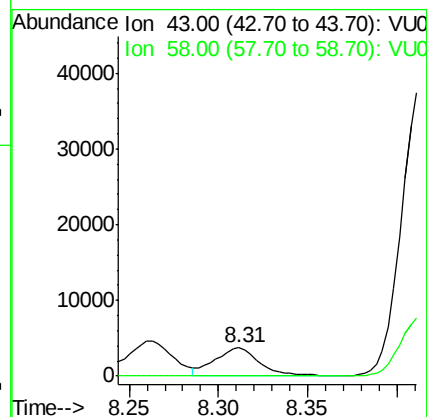
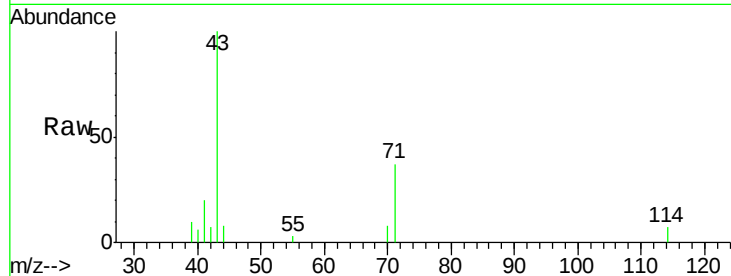




#59
2-Hexanone
Concen: 3.653 ug/l
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

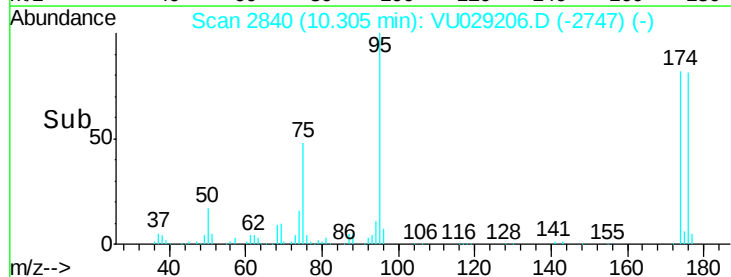
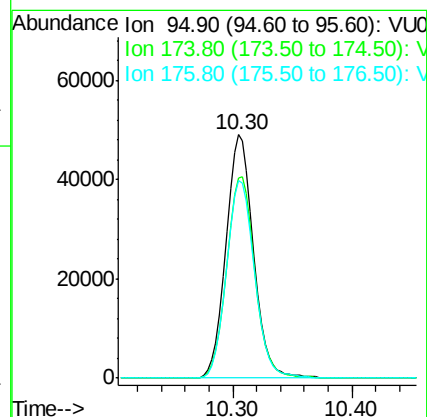
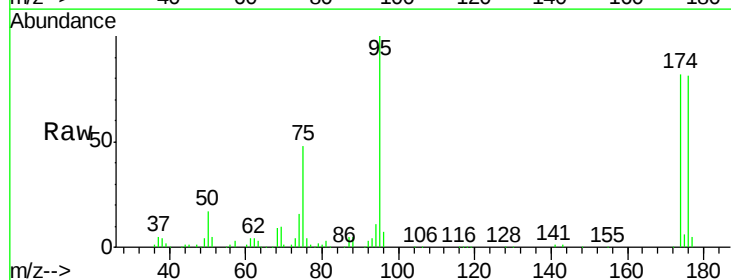
Instrument :
MSVOA_U
ClientSampleId :
TP-8

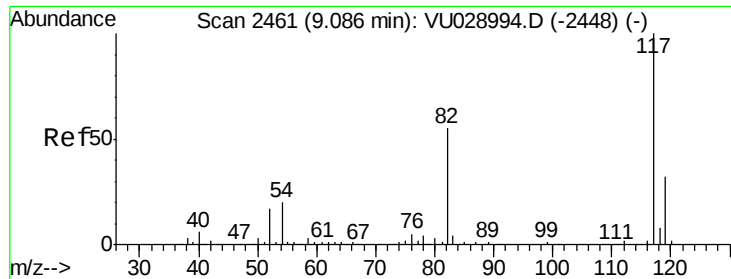
Tot Ion: 43 Resp: 6166
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 45.384 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 95 Resp: 78362
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.6
176 83.1 0.0 165.0

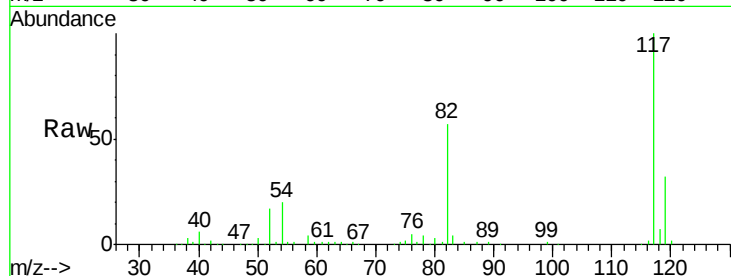




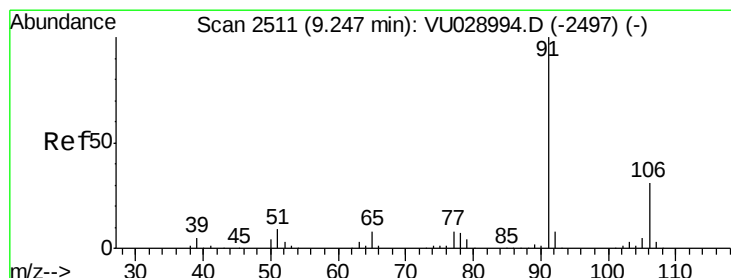
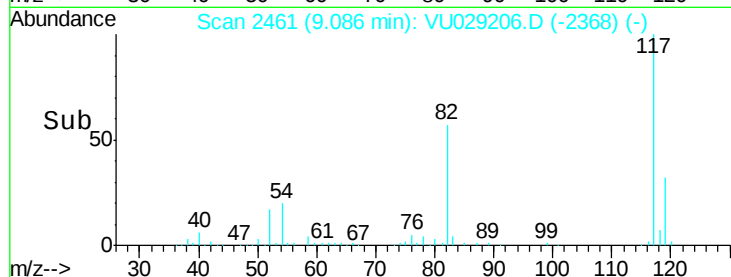
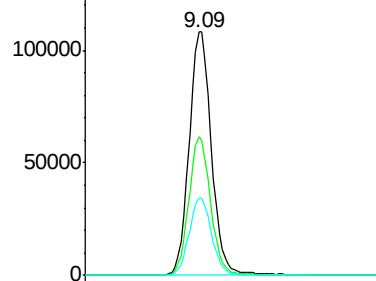
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampled :
TP-8

Tot Ion:117 Resp: 180120
Ion Ratio Lower Upper
117 100
82 57.0 43.9 65.9
119 31.8 26.0 39.0

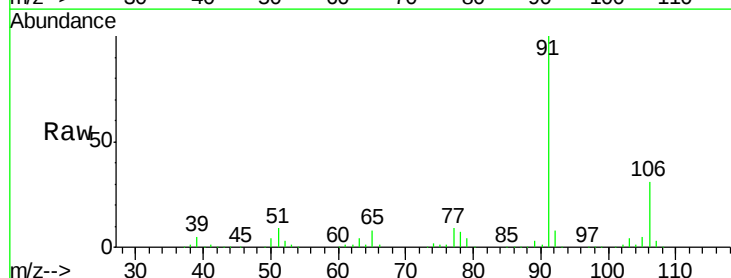


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

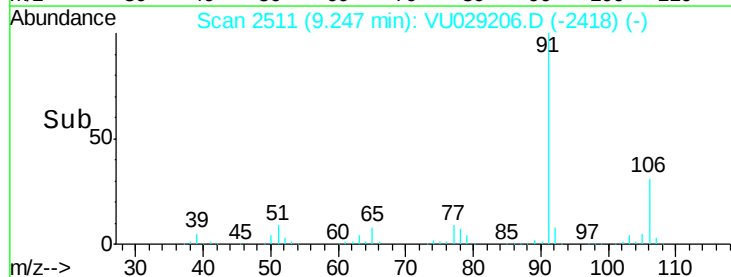
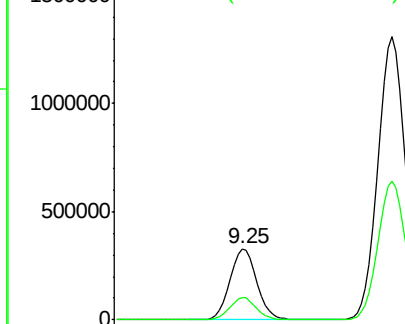


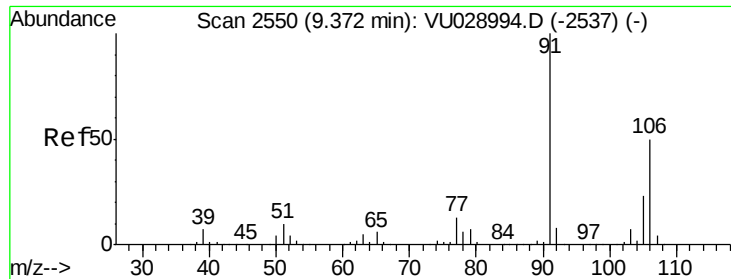
#67
Ethyl Benzene
Concen: 76.997 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 91 Resp: 519016
Ion Ratio Lower Upper
91 100
106 31.5 25.0 37.4



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

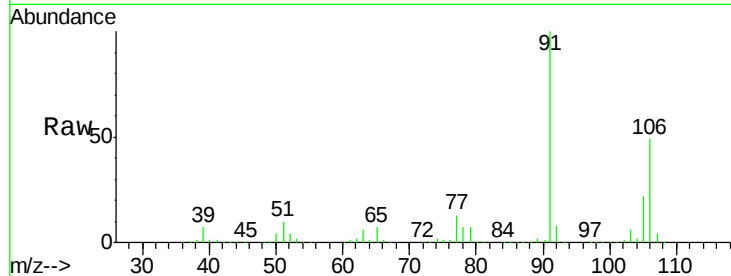




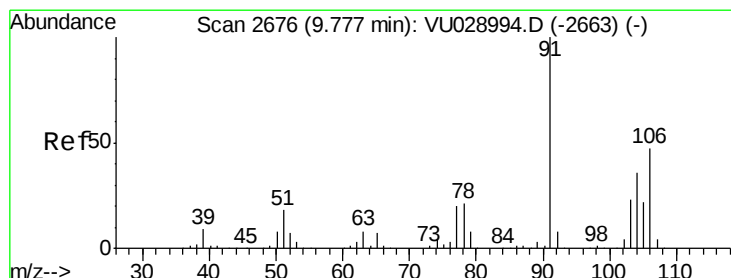
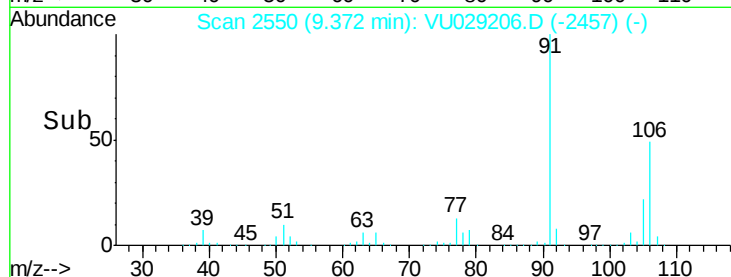
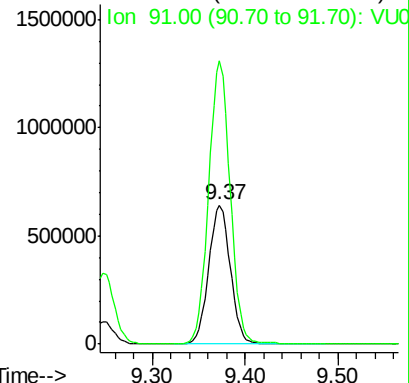
#68
m/p-Xylenes
Concen: 397.474 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Instrument :
MSVOA_U
ClientSampleId :
TP-8

Tot Ion:106 Resp: 1041030
Ion Ratio Lower Upper
106 100
91 202.4 161.7 242.5

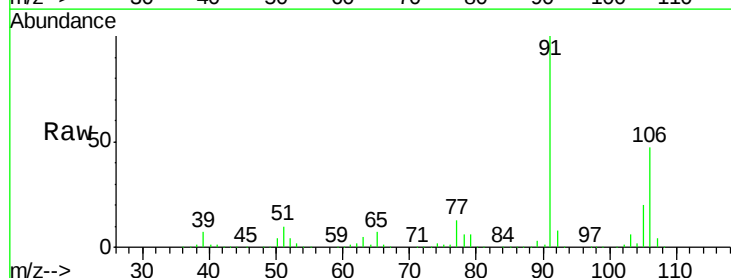


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

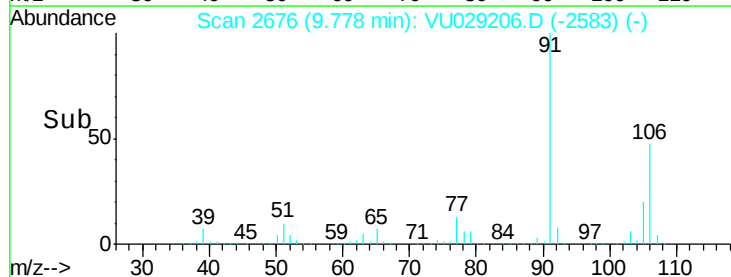
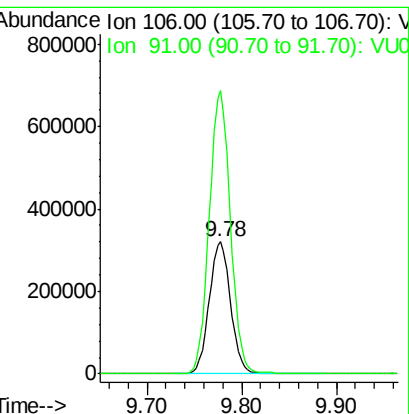


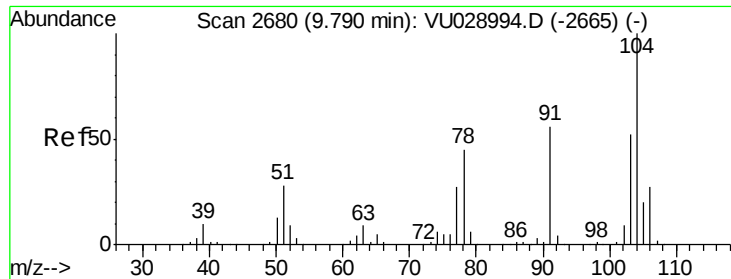
#69
o-Xylene
Concen: 199.214 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion:106 Resp: 502738
Ion Ratio Lower Upper
106 100
91 213.2 106.1 318.3



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

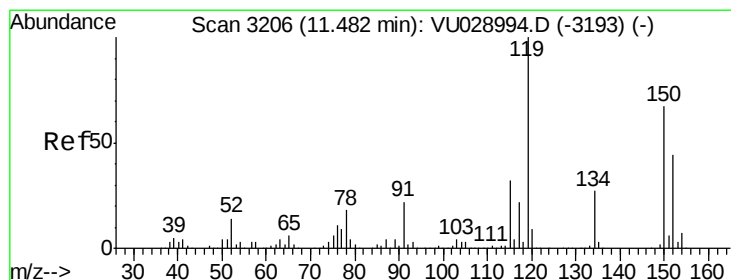
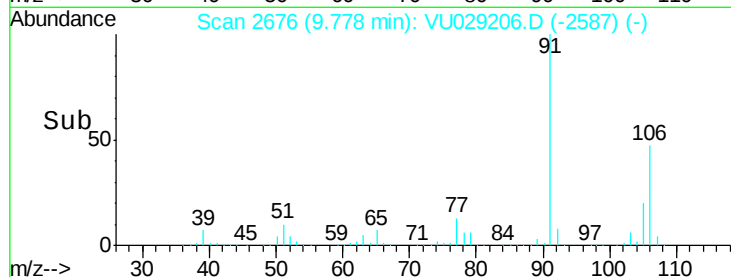
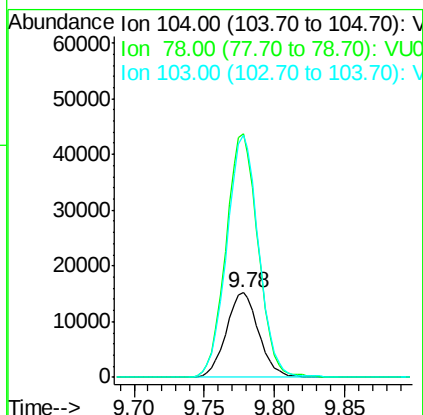
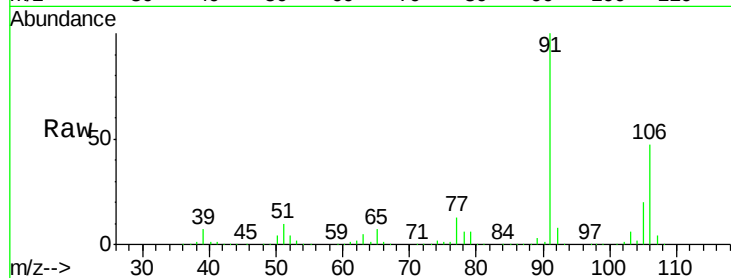




#70
Stvrene
Concen: 5.943 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.01 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

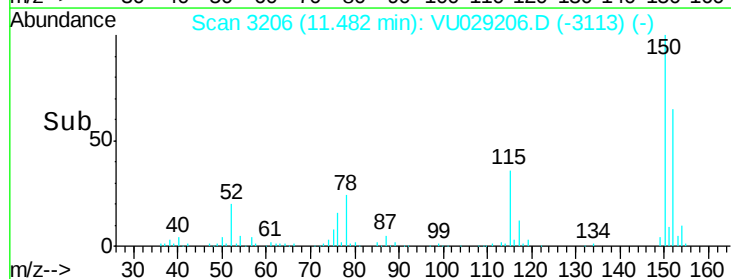
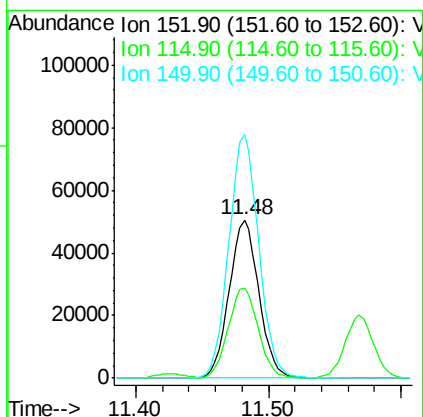
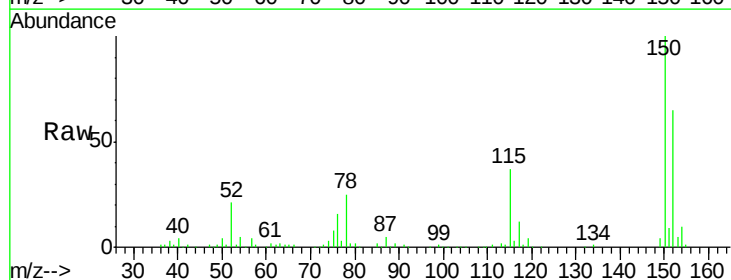
Instrument :
MSVOA_U
ClientSampleId :
TP-8

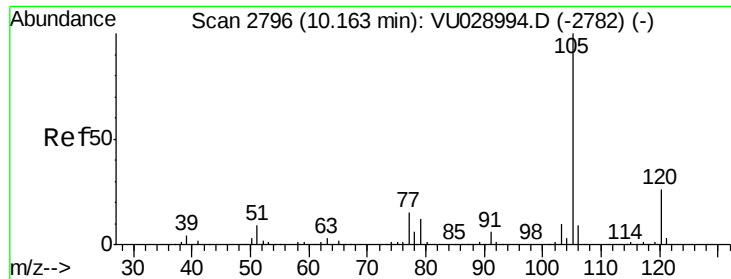
Tot Ion:104 Resp: 24586
Ion Ratio Lower Upper
104 100
78 283.1 38.6 58.0#
103 280.2 44.5 66.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion:152 Resp: 78543
Ion Ratio Lower Upper
152 100
115 57.9 40.1 120.3
150 154.8 0.0 345.2





#73

Isopropylbenzene

Concen: 3.099 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

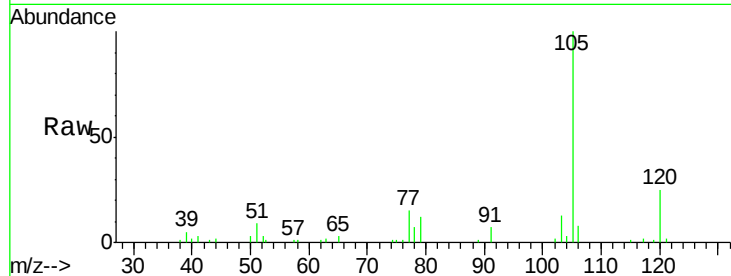
TP-8

Tot Ion:105 Resp: 18015

Ion Ratio Lower Upper

105 100

120 25.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12000

10000

8000

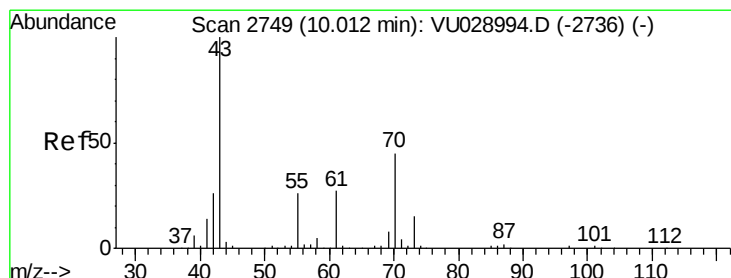
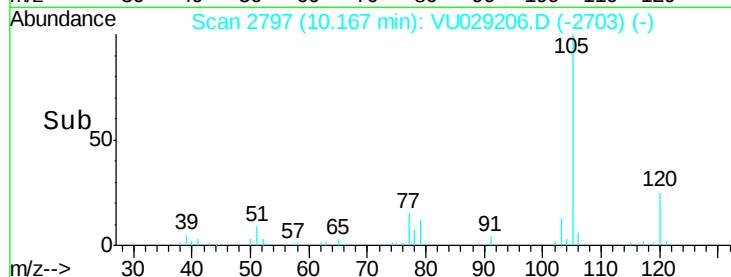
6000

4000

2000

0

Time--> 10.10 10.15 10.20 10.25



#74

N-ethyl acetate

Concen: 0.209 ug/l

RT: 9.98 min Scan# 2740

Delta R.T. -0.03 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Tgt Ion: 43 Resp: 524

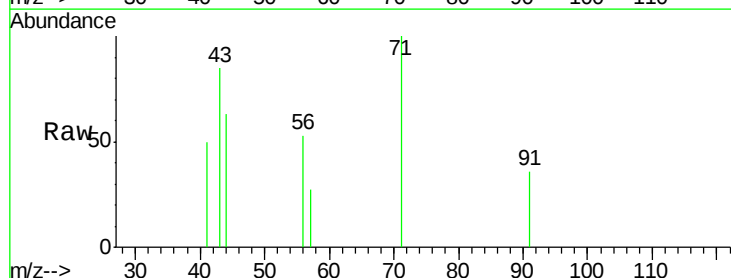
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 0.0 20.5 30.7#

61 0.0 21.8 32.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

500

400

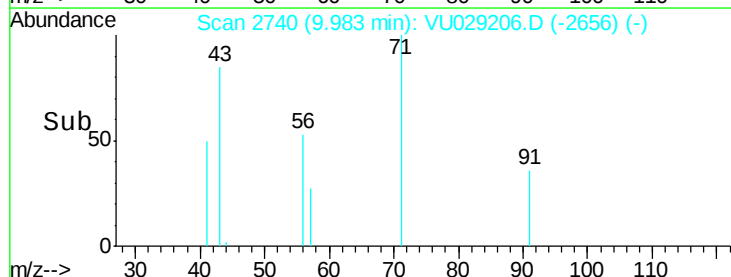
300

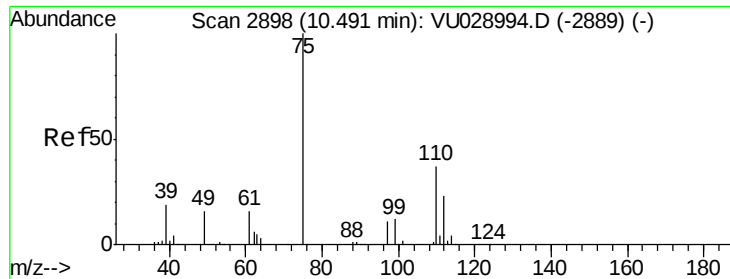
200

100

0

Time--> 9.95 10.00





#76

1,2,3-Trichloropropane

Concen: 19.675 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

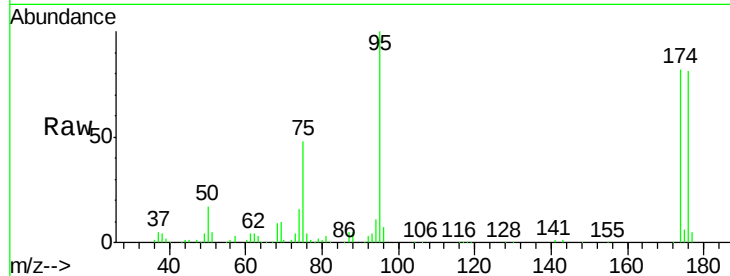
TP-8

Tot Ion: 75 Resp: 37863

Ion Ratio Lower Upper

75 100

77 0.0 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0

25000

20000

15000

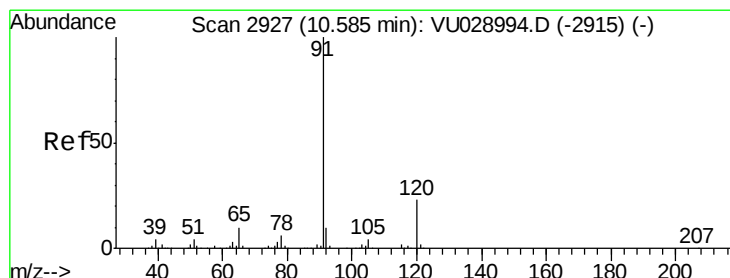
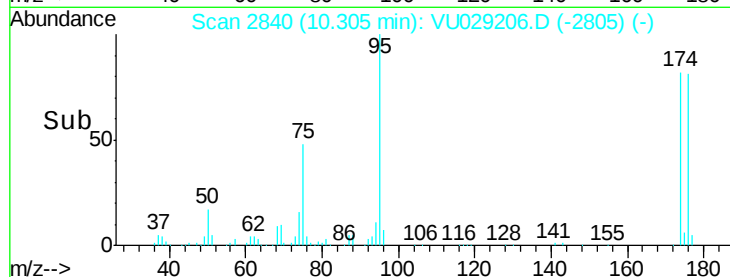
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#78

n-propylbenzene

Concen: 16.194 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029206.D

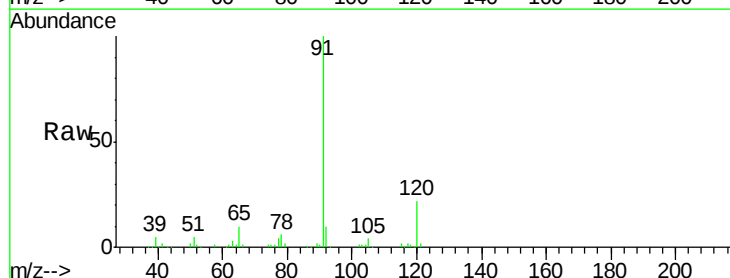
Acq: 16 Jan 2019 13:53

Tgt Ion: 91 Resp: 110945

Ion Ratio Lower Upper

91 100

120 22.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

150000

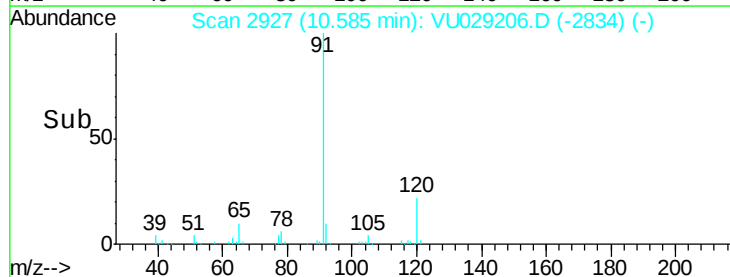
100000

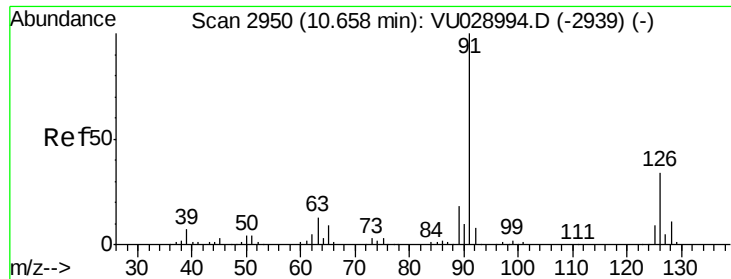
50000

0

10.50 10.55 10.60 10.65

Time-->





#79

2-Chlorotoluene

Concen: 28.929 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampled :

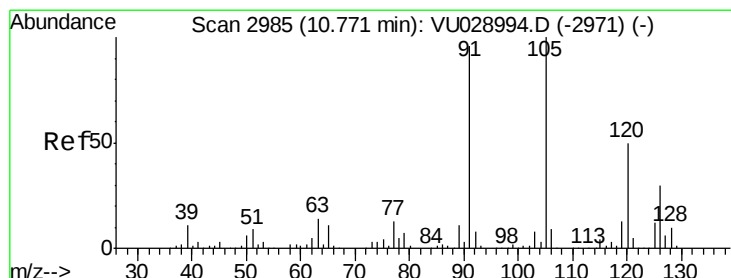
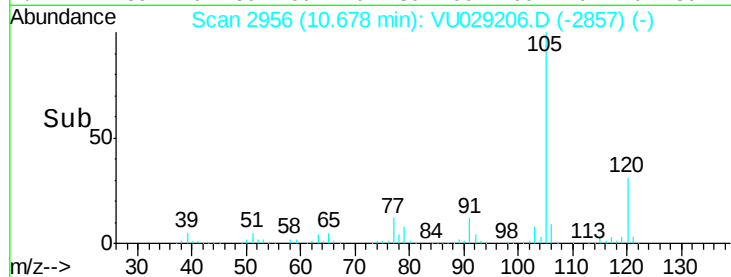
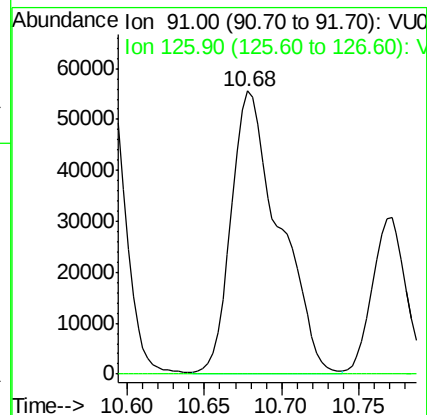
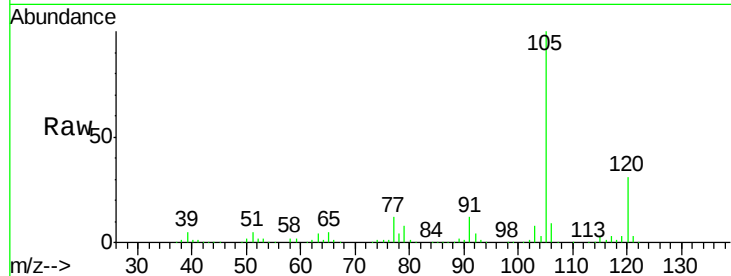
TP-8

Tot Ion: 91 Resp: 120229

Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



#80

1,3,5-Trimethylbenzene

Concen: 95.723 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029206.D

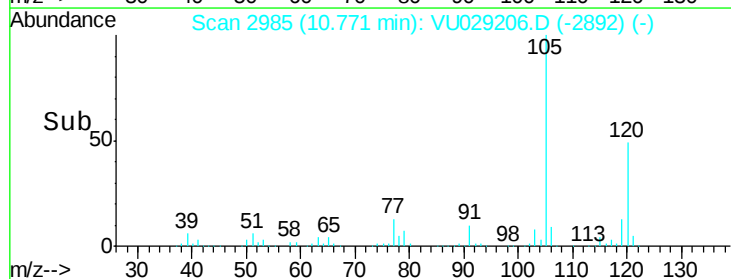
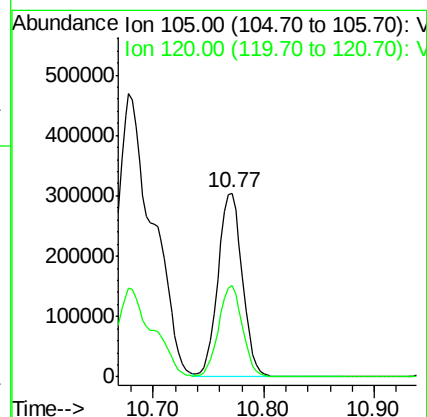
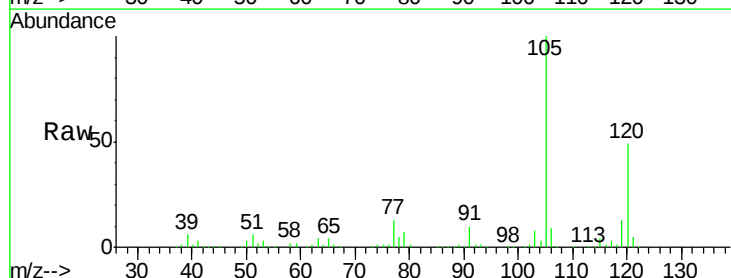
Acq: 16 Jan 2019 13:53

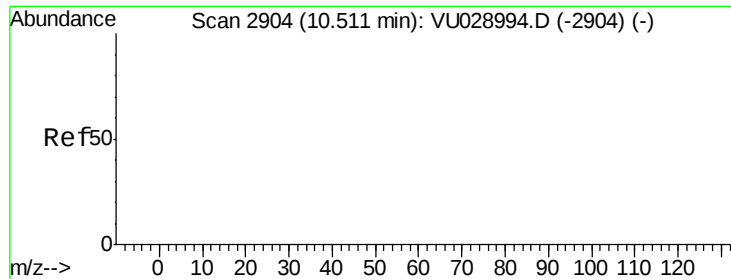
Tgt Ion:105 Resp: 464715

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 10.243 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.17 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

TP-8

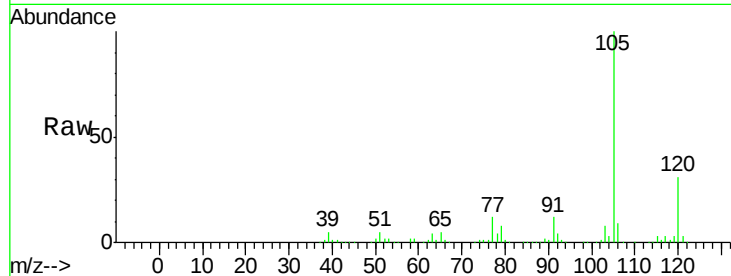
Tot Ion: 75 Resp: 7643

Ion Ratio Lower Upper

75 100

53 167.3 0.0 0.0#

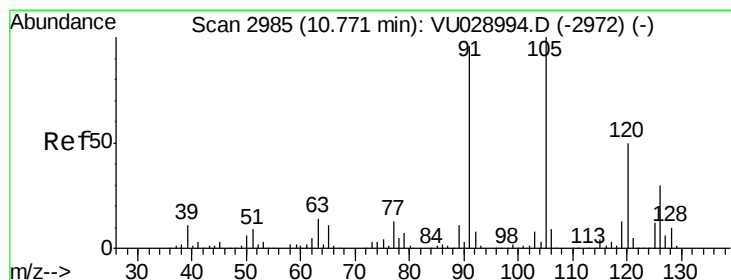
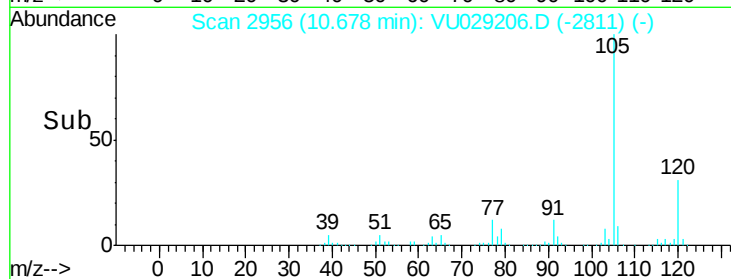
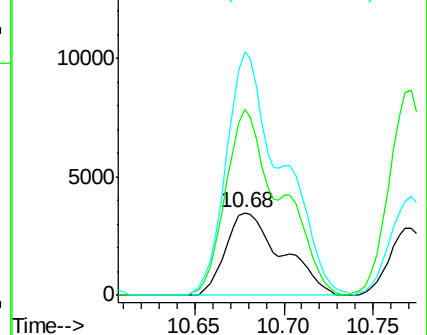
89 217.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VU028994.D (-2904) (-)

Ion 53.00 (52.70 to 53.70): VU028994.D (-2904) (-)

Ion 88.90 (88.60 to 89.60): VU028994.D (-2904) (-)



#82

4-Chlorotoluene

Concen: 9.760 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU029206.D

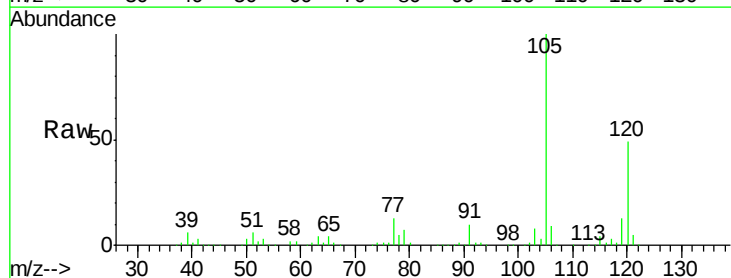
Acq: 16 Jan 2019 13:53

Tgt Ion: 91 Resp: 46511

Ion Ratio Lower Upper

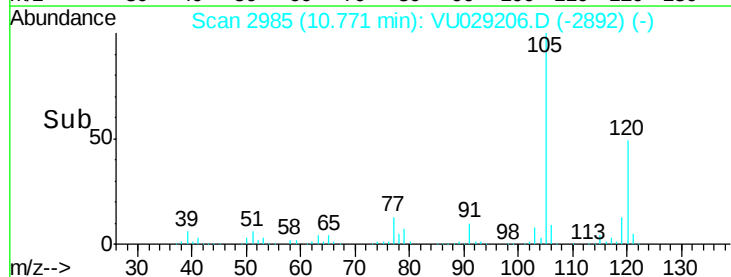
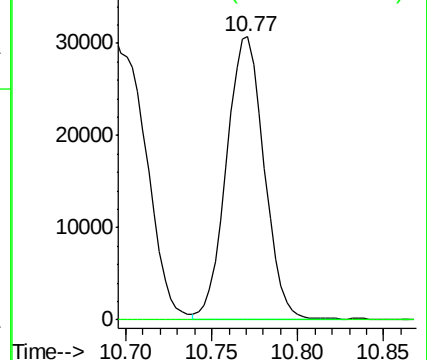
91 100

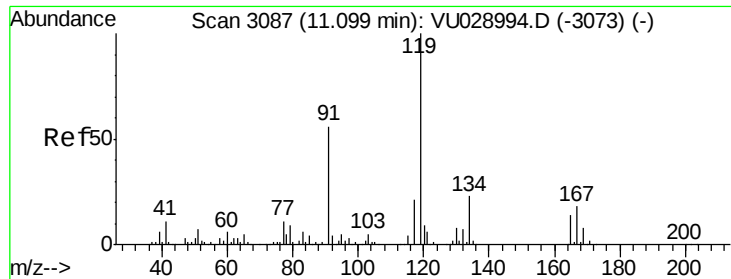
126 0.0 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2972) (-)

Ion 125.90 (125.60 to 126.60): VU028994.D (-2972) (-)





#83

tert-Butylbenzene

Concen: 66.904 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.05 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampleId :

TP-8

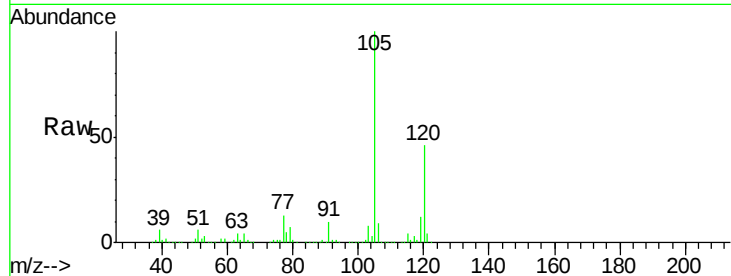
Tot Ion:119 Resp: 320137

Ion Ratio Lower Upper

119 100

91 81.9 28.2 84.6

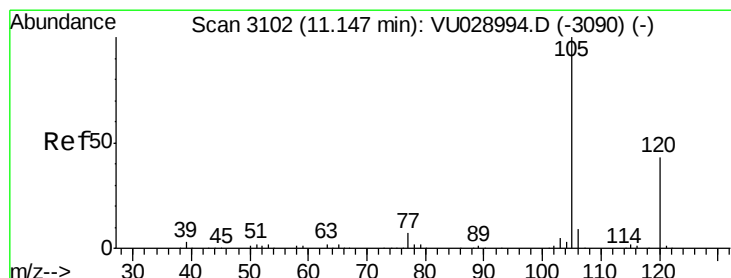
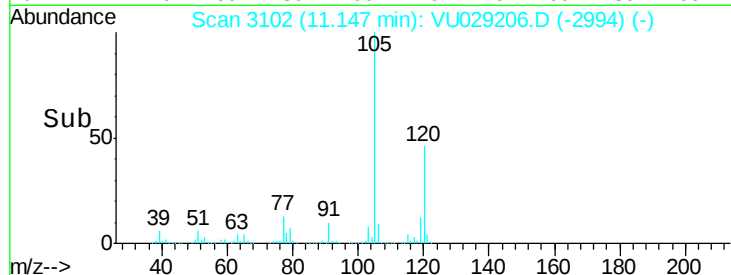
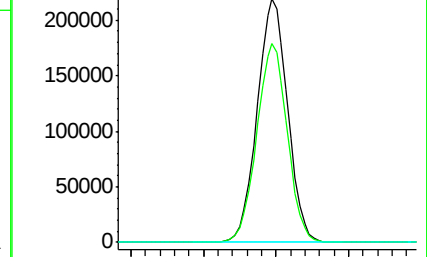
134 0.0 11.3 33.8#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 543.999 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029206.D

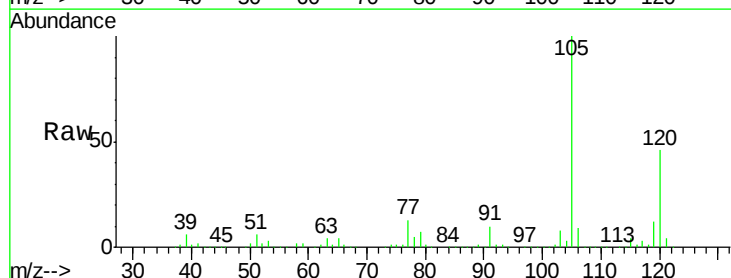
Acq: 16 Jan 2019 13:53

Tgt Ion:105 Resp: 2636762

Ion Ratio Lower Upper

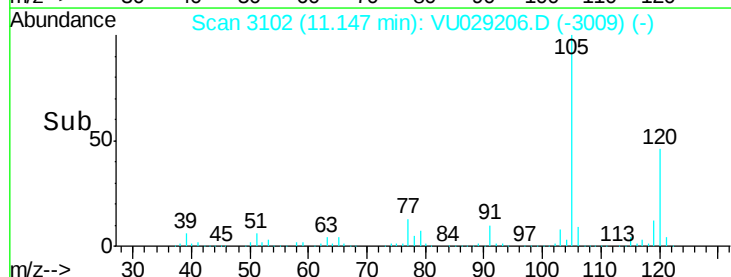
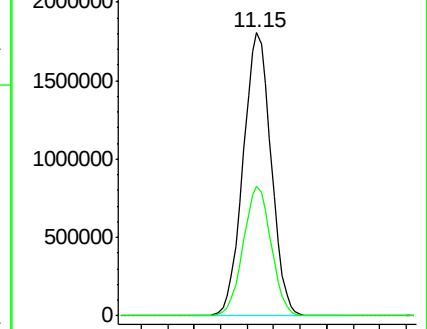
105 100

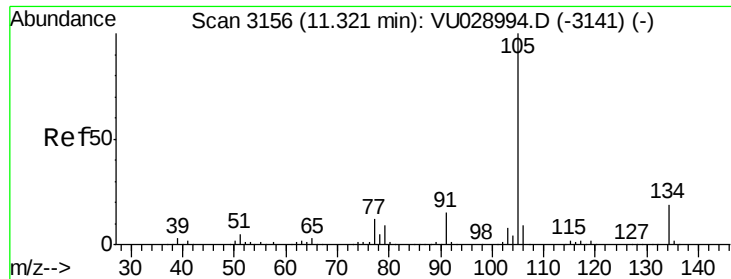
120 45.8 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 455.638 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. -0.17 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

Instrument :

MSVOA_U

ClientSampled :

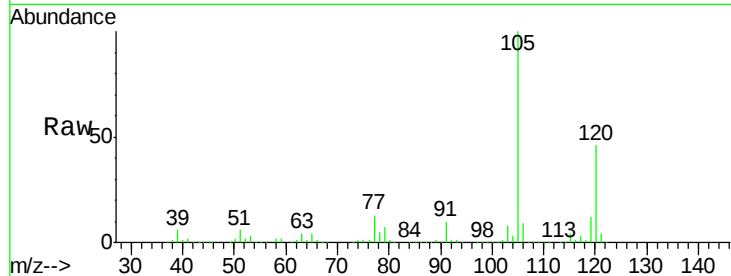
TP-8

Tot Ion:105 Resp: 2636762

Ion Ratio Lower Upper

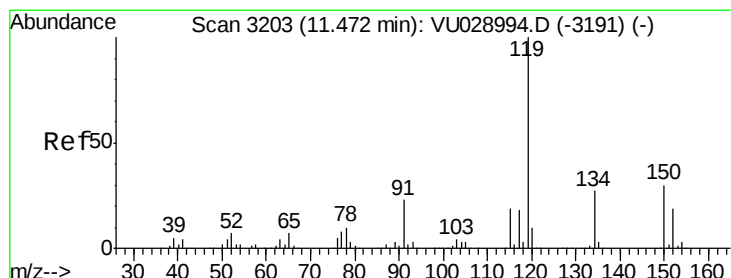
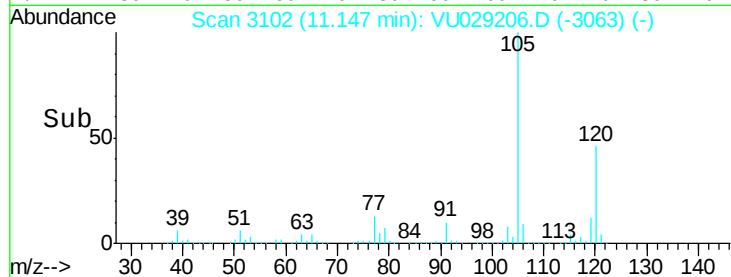
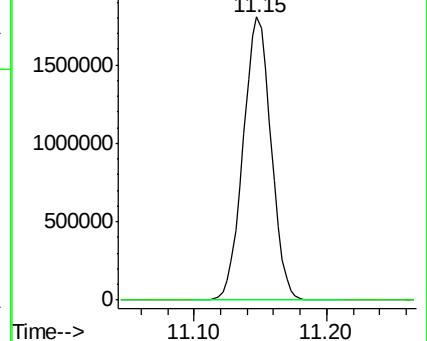
105 100

134 0.0 9.7 29.1#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.489 ug/l

RT: 11.43 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VU029206.D

Acq: 16 Jan 2019 13:53

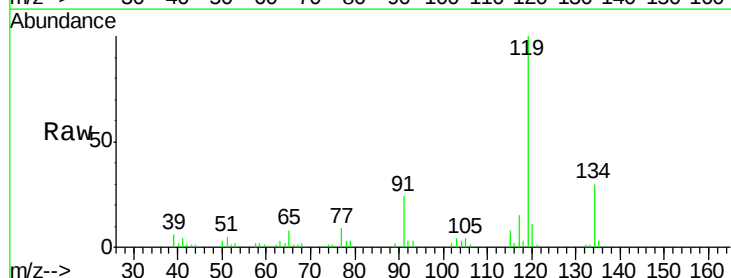
Tgt Ion:119 Resp: 27065

Ion Ratio Lower Upper

119 100

134 29.0 13.5 40.4

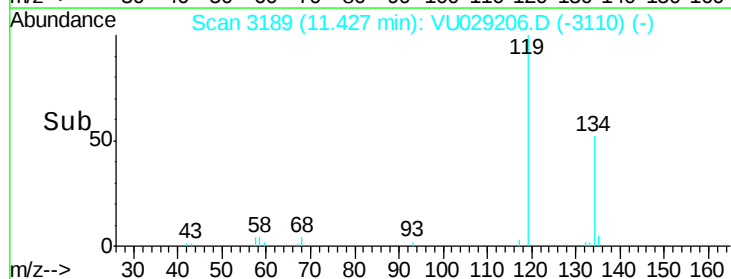
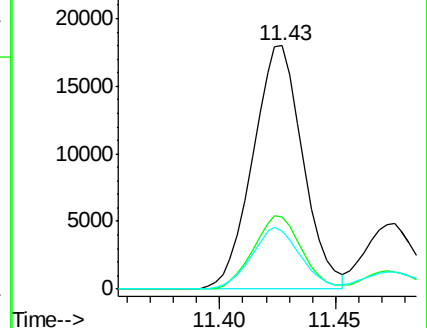
91 25.1 11.3 33.8

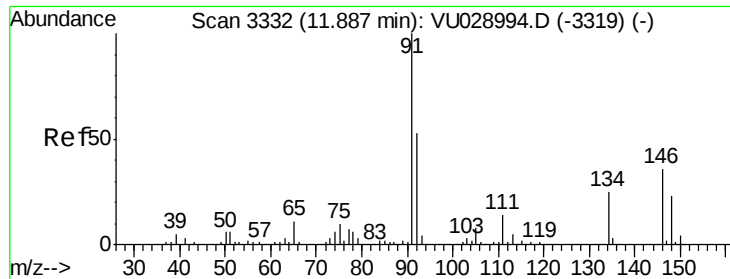


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

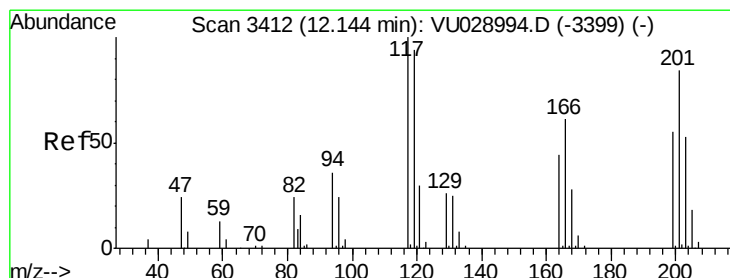
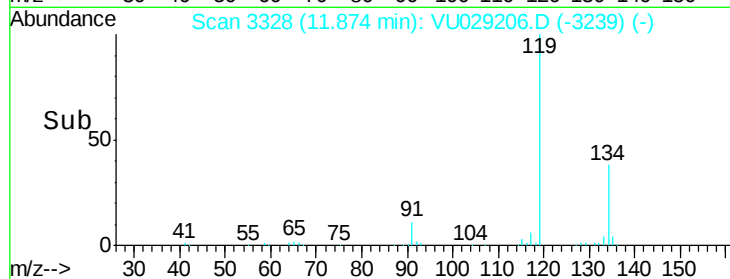
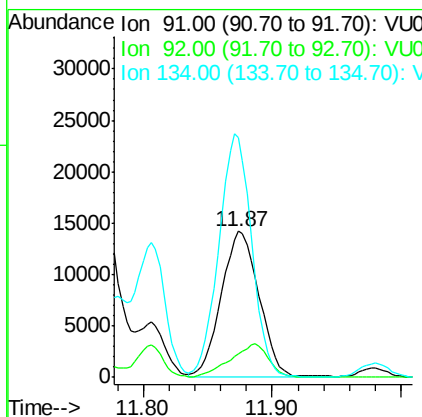
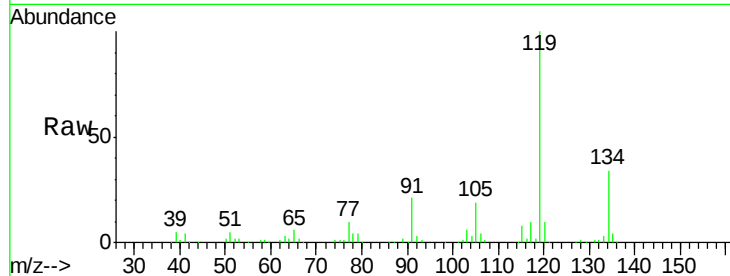




#89
n-Butylbenzene
Concen: 6.611 ug/l
RT: 11.87 min Scan# 3328
Delta R.T. -0.01 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

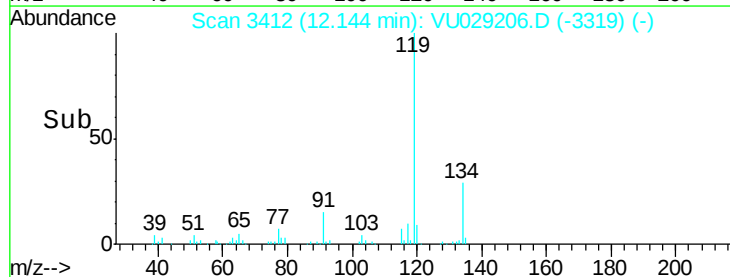
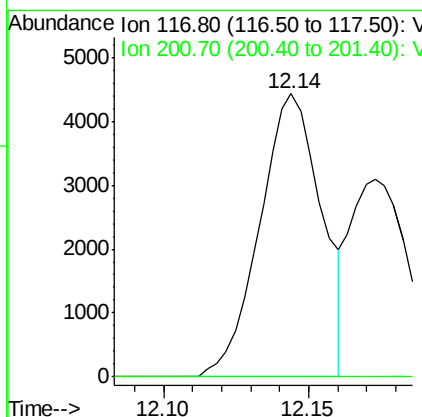
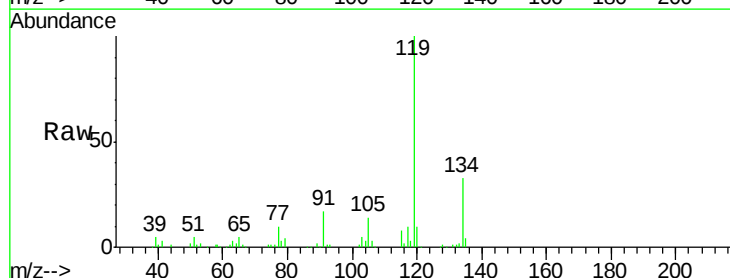
Instrument :
MSVOA_U
ClientSampled :
TP-8

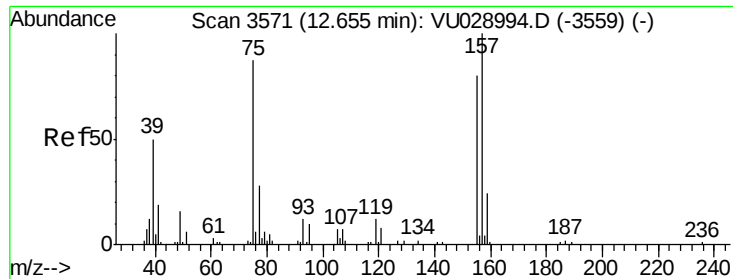
Tot Ion: 91 Resp: 29095
Ion Ratio Lower Upper
91 100
92 23.1 26.2 78.5#
134 143.8 12.6 37.6#



#90
Hexachloroethane
Concen: 7.911 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029206.D
Acq: 16 Jan 2019 13:53

Tgt Ion: 117 Resp: 6563
Ion Ratio Lower Upper
117 100
201 0.0 42.4 127.3#

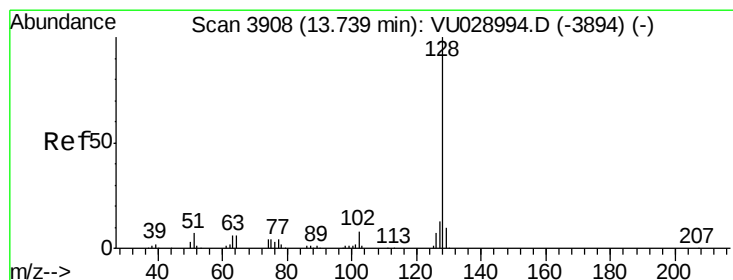
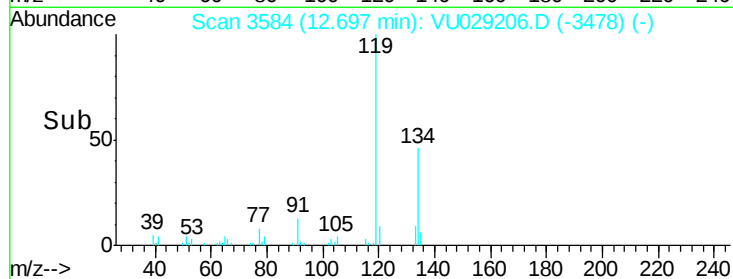
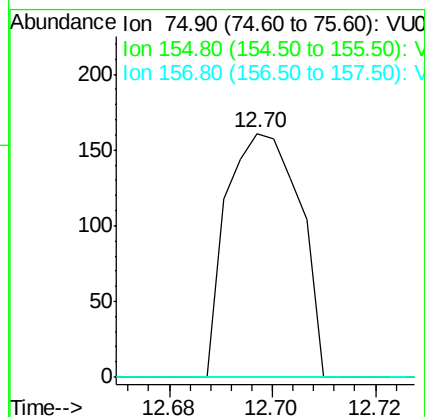
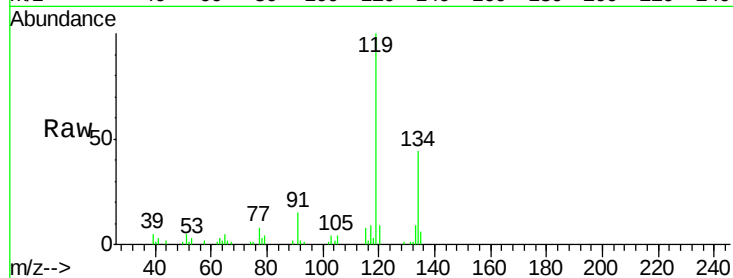




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.350 ug/l
 RT: 12.70 min Scan# 3584
 Delta R.T. 0.04 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

Instrument :
 MSVOA_U
 ClientSampled :
 TP-8

Tot Ion: 75 Resp: 157
 Ion Ratio Lower Upper
 75 100
 155 0.0 46.3 138.8#
 157 0.0 57.4 172.0#



#95
 Naphthalene
 Concen: 6.097 ug/l
 RT: 13.74 min Scan# 3909
 Delta R.T. 0.00 min
 Lab File: VU029206.D
 Acq: 16 Jan 2019 13:53

Tgt Ion: 128 Resp: 37058
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.1 15.1
 129 10.4 8.5 12.7

