

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029204.D
 Acq On : 16 Jan 2019 13:05
 Operator : JC/SP
 Sample : K1147-18
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-6

Quant Time: Jan 17 00:58:26 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	104729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	186211	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	179848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70952	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	74110	57.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.48%	
35) Dibromofluoromethane	4.88	113	63898	52.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.88%	
50) Toluene-d8	7.56	98	244532	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	10.30	95	76691	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	

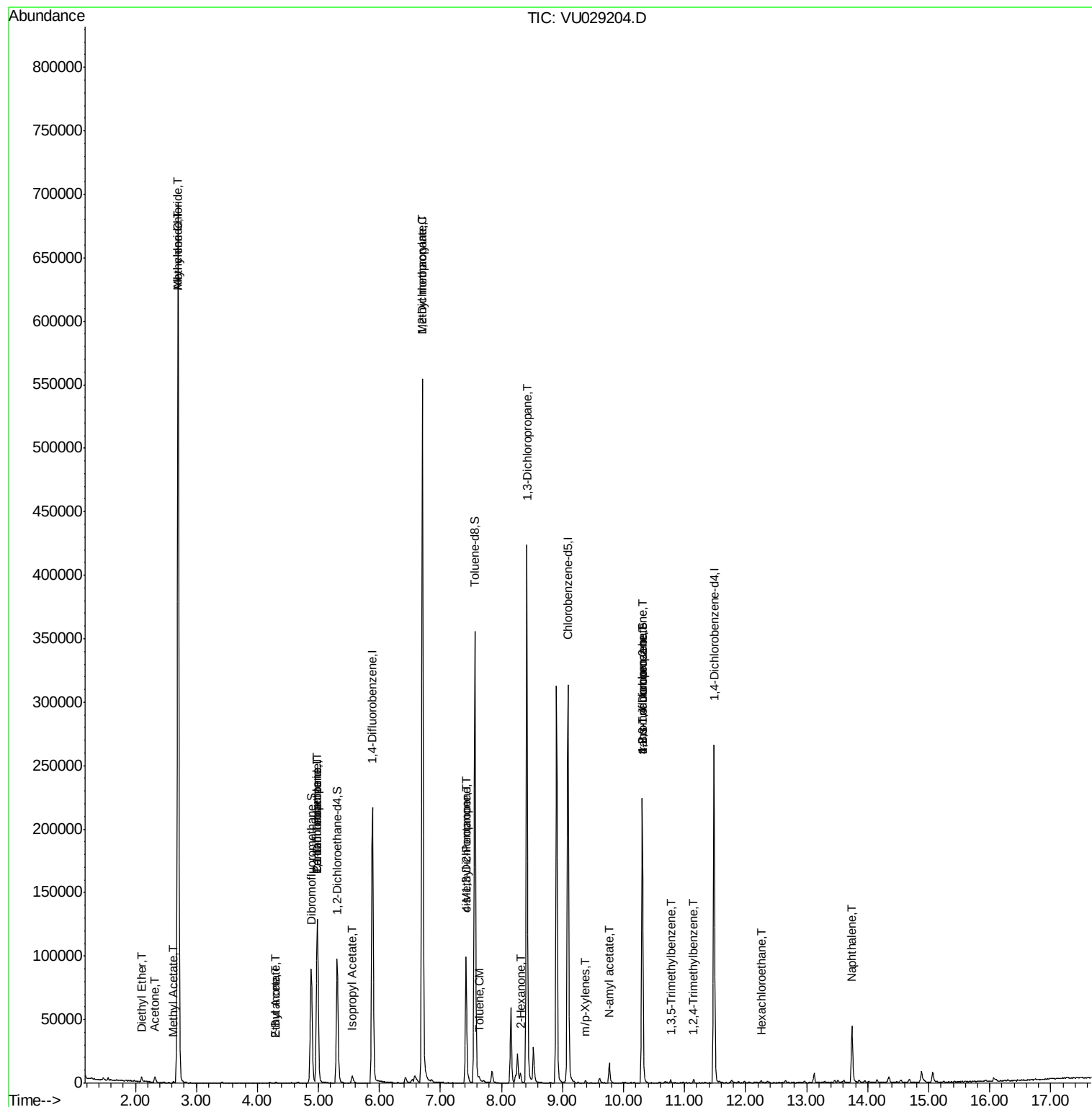
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	715	Below Cal		91
8) Diethyl Ether	2.10	74	1118	1.395	ug/l	71
14) Allyl chloride	2.70	41	10793	5.416	ug/l #	29
16) Acetone	2.32	43	5520	6.768	ug/l	90
17) Carbon Disulfide	2.48	76	182	Below Cal	#	75
18) Methyl Acetate	2.62	43	1098	0.579	ug/l #	68
20) Methylene Chloride	2.70	84	305536	220.647	ug/l	98
25) 2-Butanone	4.30	43	614	0.557	ug/l #	47
31) Cyclohexane	4.98	56	1794	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	7960	4.277	ug/l #	46
37) Ethyl Acetate	4.30	43	614	0.301	ug/l #	66
38) Carbon Tetrachloride	4.98	117	9428	6.073	ug/l #	18
43) Isopropyl Acetate	5.55	43	7239	2.310	ug/l	94
45) 1,2-Dichloropropane	6.70	63	561	0.366	ug/l #	43
48) Methyl methacrylate	6.70	41	46683	30.591	ug/l #	37
51) 4-Methyl-2-Pentanone	7.42	43	35993	16.875	ug/l #	44
52) Toluene	7.64	92	931	0.263	ug/l	98
54) cis-1,3-Dichloropropene	7.42	75	18527	7.910	ug/l #	61
57) 1,3-Dichloropropane	8.41	76	4278	1.766	ug/l #	42
59) 2-Hexanone	8.31	43	5892	3.519	ug/l #	21
68) m/p-Xylenes	9.38	106	703	0.269	ug/l	96
74) N-amyl acetate	9.76	43	5282	2.334	ug/l #	46
76) 1,2,3-Trichloropropane	10.30	75	36259	20.857	ug/l #	36
80) 1,3,5-Trimethylbenzene	10.77	105	1597	0.364	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.30	75	36259	53.792	ug/l #	100
84) 1,2,4-Trimethylbenzene	11.15	105	2100	0.480	ug/l	94
90) Hexachloroethane	12.26	117	166	0.222	ug/l #	7
95) Naphthalene	13.74	128	41554	7.568	ug/l	98

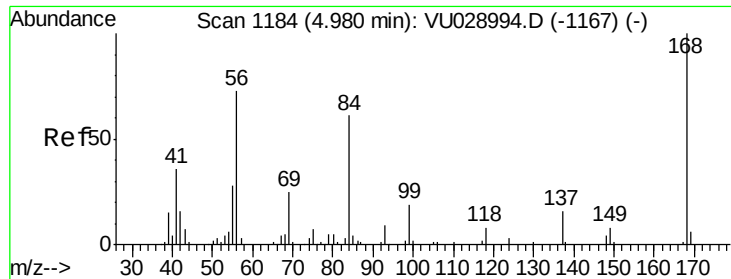
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

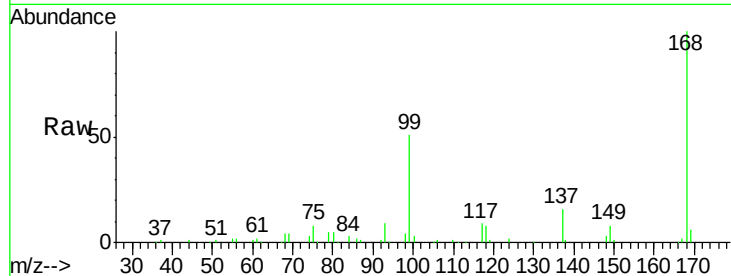
TP-6

Tot Ion:168 Resp: 104729

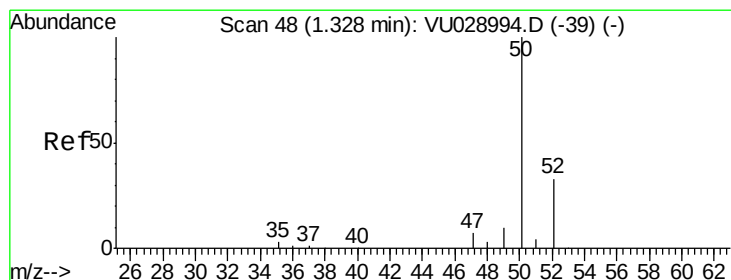
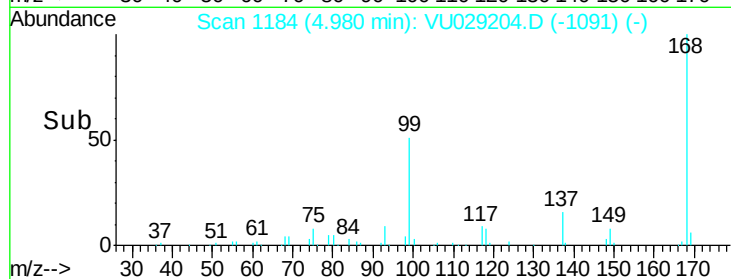
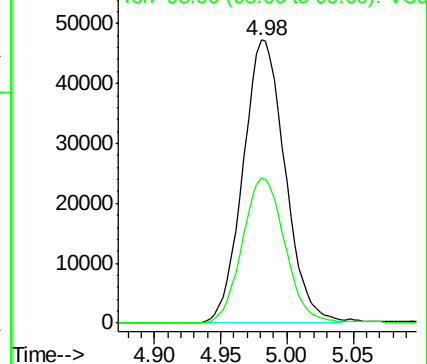
Ion Ratio Lower Upper

168 100

99 51.2 42.0 63.0



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



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 48

Delta R.T. 0.00 min

Lab File: VU029204.D

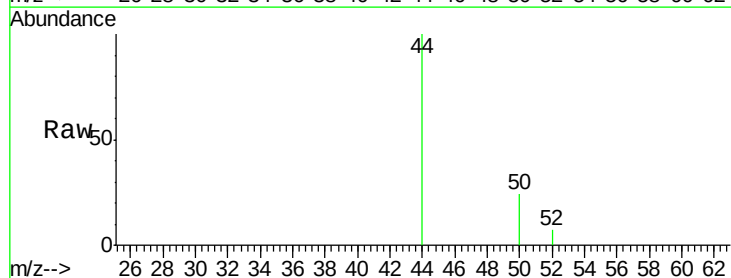
Acq: 16 Jan 2019 13:05

Tgt Ion: 50 Resp: 715

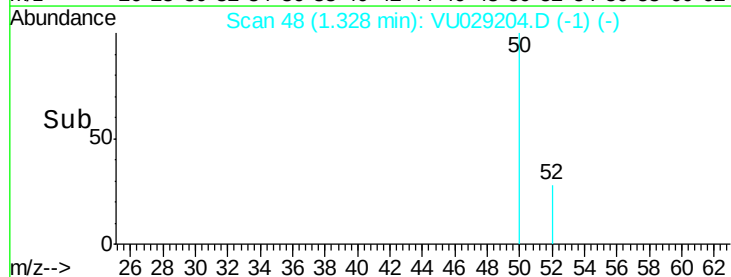
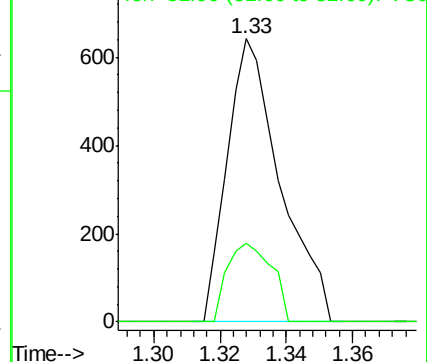
Ion Ratio Lower Upper

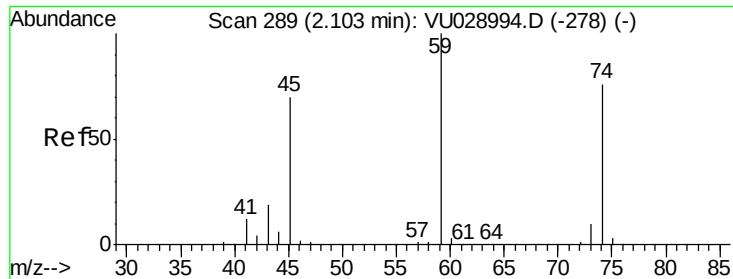
50 100

52 27.6 26.1 39.1



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

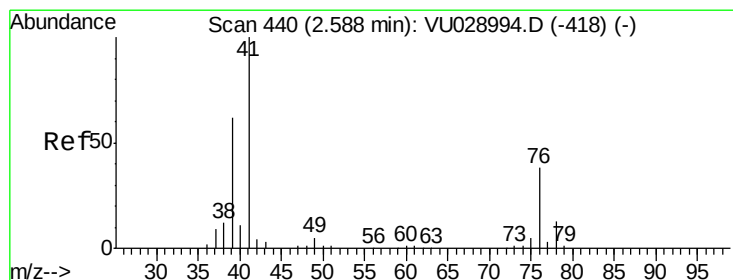
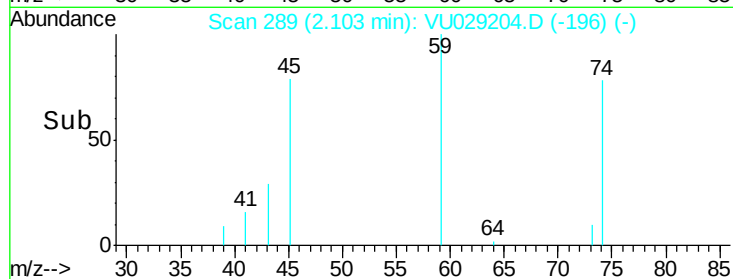
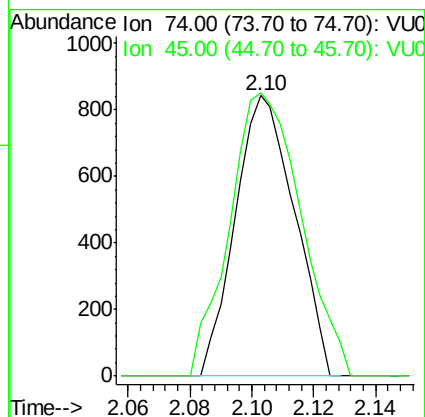
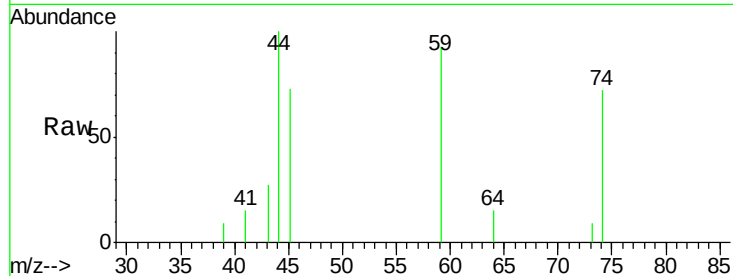




#8
 Diethyl Ether
 Concen: 1.395 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

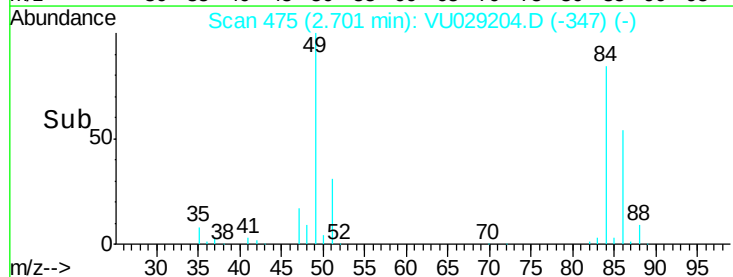
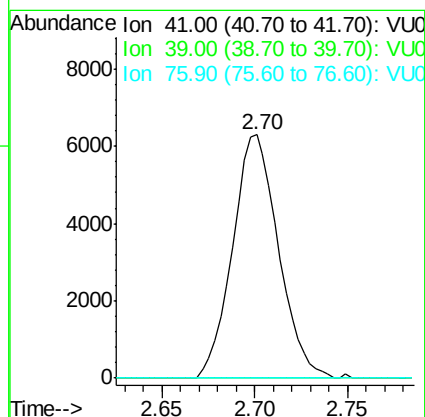
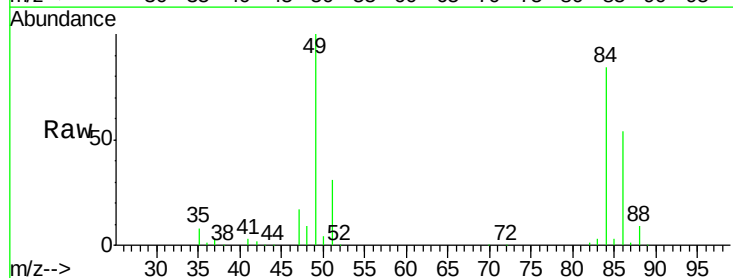
Instrument :
 MSVOA_U
 ClientSampleID :
 TP-6

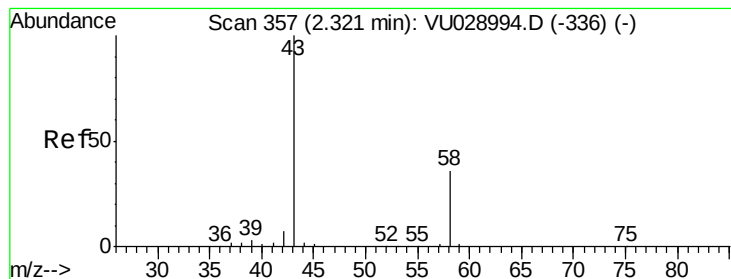
Tot Ion: 74 Resp: 1118
 Ion Ratio Lower Upper
 74 100
 45 121.7 46.9 140.6



#14
 Allyl chloride
 Concen: 5.416 ug/l
 RT: 2.70 min Scan# 475
 Delta R.T. 0.11 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

Tgt Ion: 41 Resp: 10793
 Ion Ratio Lower Upper
 41 100
 39 0.0 45.0 67.6#
 76 0.0 28.1 42.1#





#16

Acetone

Concen: 6.768 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

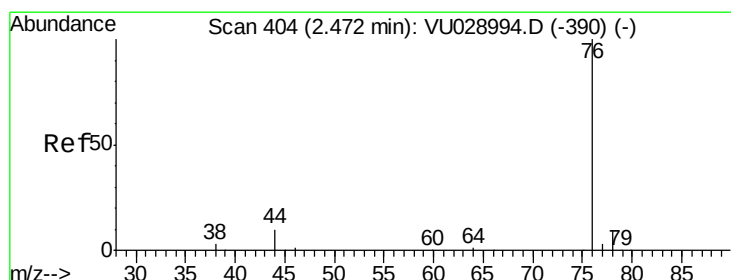
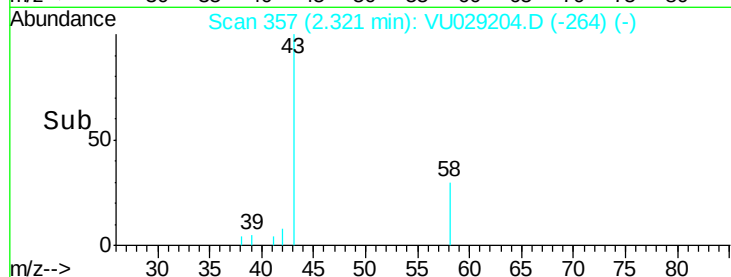
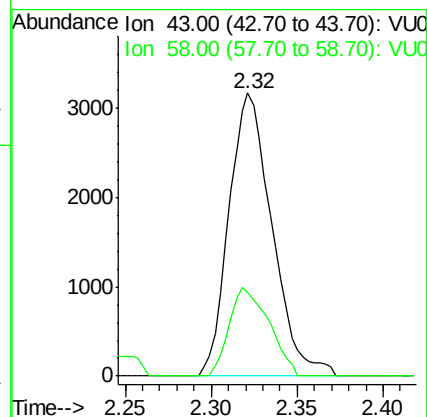
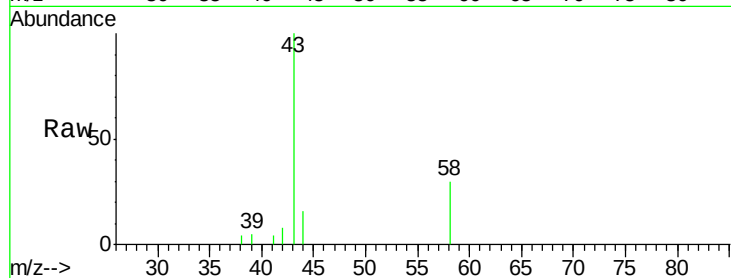
TP-6

Tot Ion: 43 Resp: 5520

Ion Ratio Lower Upper

43 100

58 29.8 28.6 42.8



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU029204.D

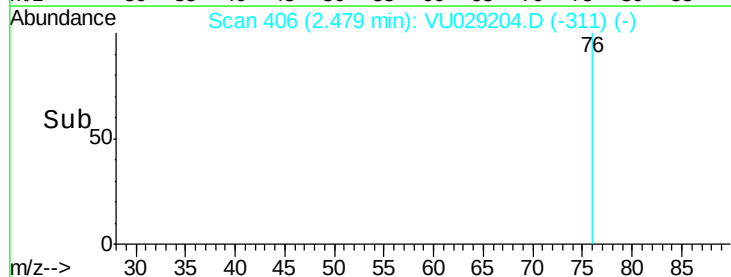
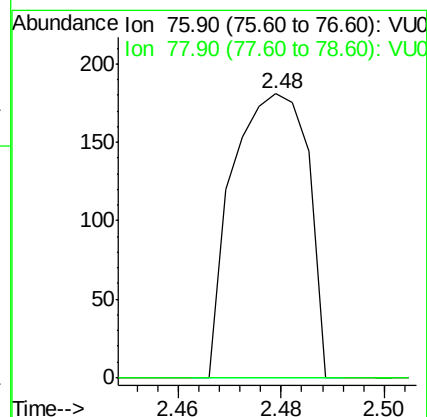
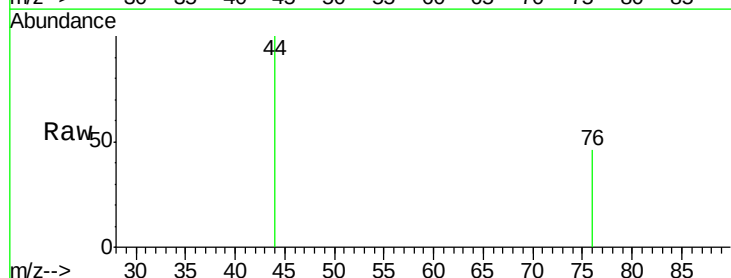
Acq: 16 Jan 2019 13:05

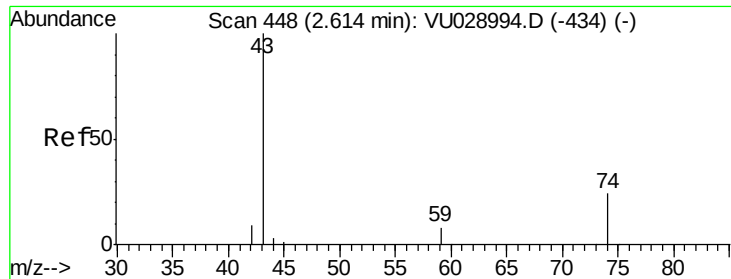
Tgt Ion: 76 Resp: 182

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

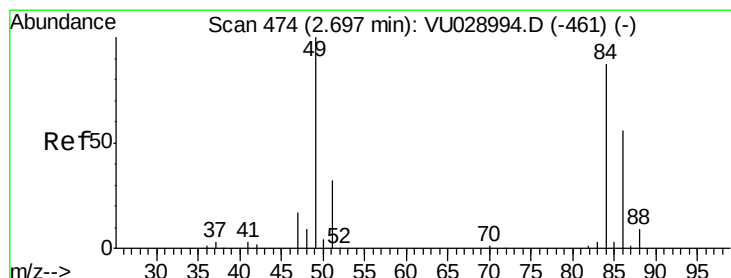
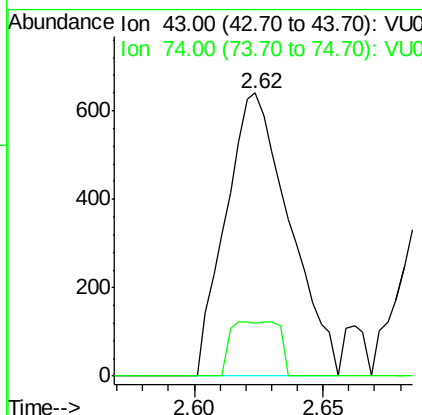
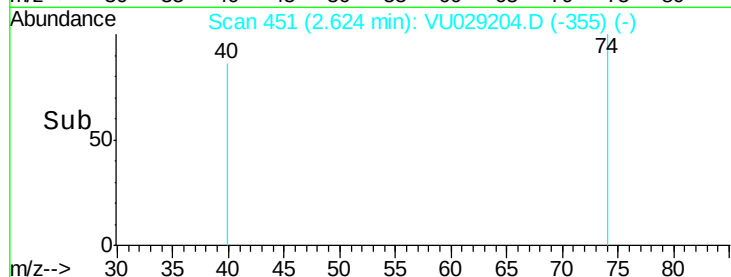
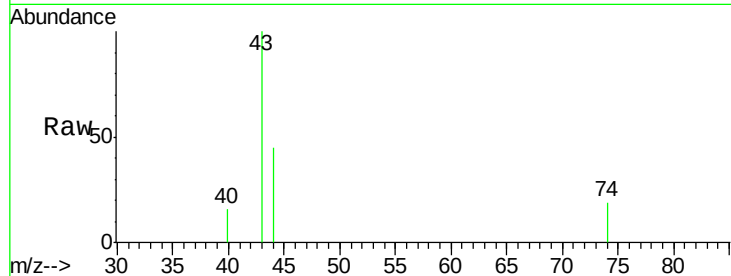




#18
Methvl Acetate
Concen: 0.579 ug/l
RT: 2.62 min Scan# 451
Delta R.T. 0.01 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

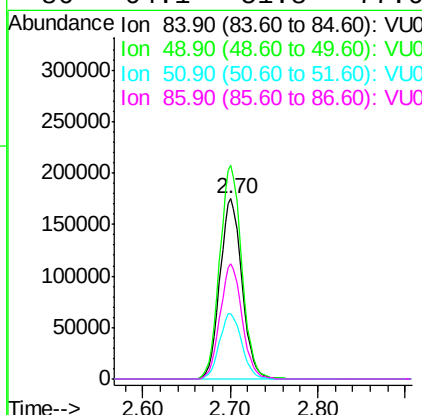
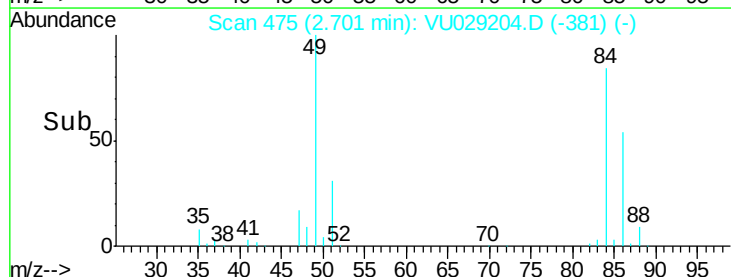
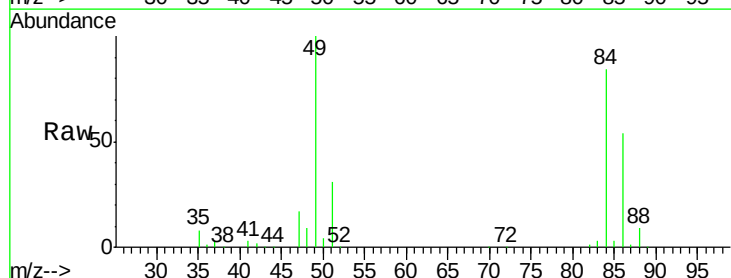
Instrument :
MSVOA_U
ClientSampleId :
TP-6

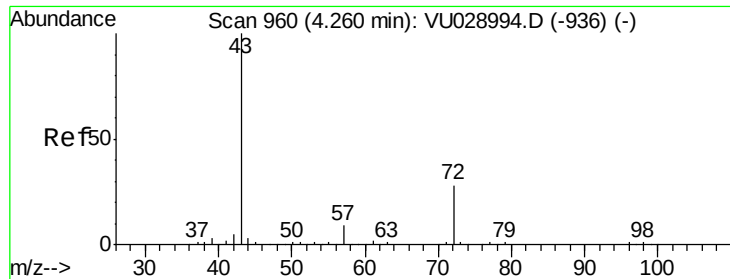
Tot Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
74 8.4 19.5 29.3#



#20
Methylene Chloride
Concen: 220.647 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion: 84 Resp: 305536
Ion Ratio Lower Upper
84 100
49 118.7 91.9 137.9
51 36.4 29.2 43.8
86 64.1 51.8 77.6





#25

2-Butanone

Concen: 0.557 ug/l

RT: 4.30 min Scan# 971

Delta R.T. 0.04 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

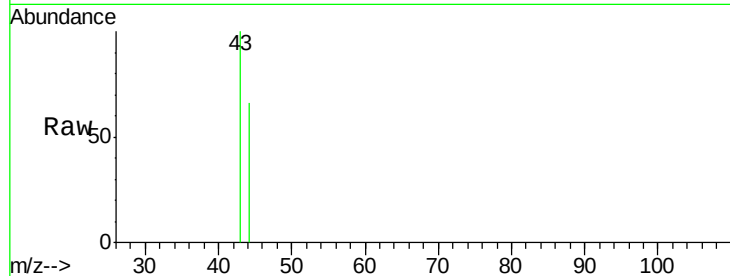
TP-6

Tot Ion: 43 Resp: 614

Ion Ratio Lower Upper

43 100

72 0.0 22.6 33.8#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

4.30

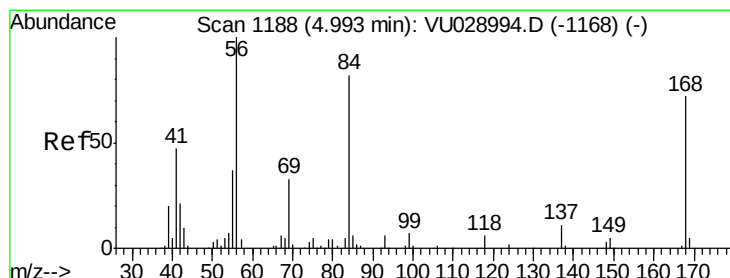
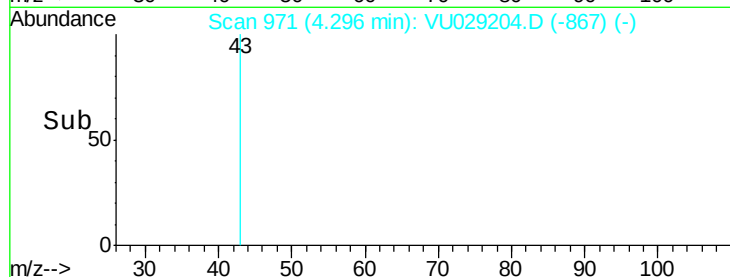
300

200

100

0

Time-->



#31

Cyclohexane

Concen: Below Cal

RT: 4.98 min Scan# 1185

Delta R.T. -0.01 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

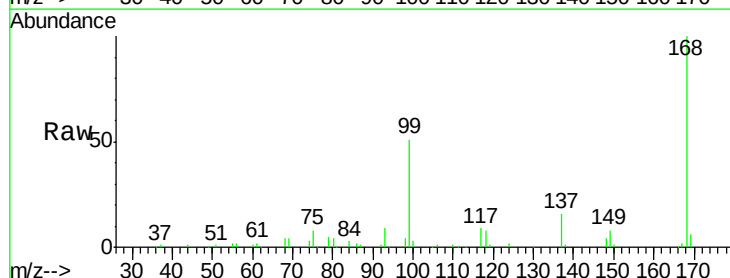
Tgt Ion: 56 Resp: 1794

Ion Ratio Lower Upper

56 100

69 199.3 26.7 40.1#

84 159.3 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

2500

2000

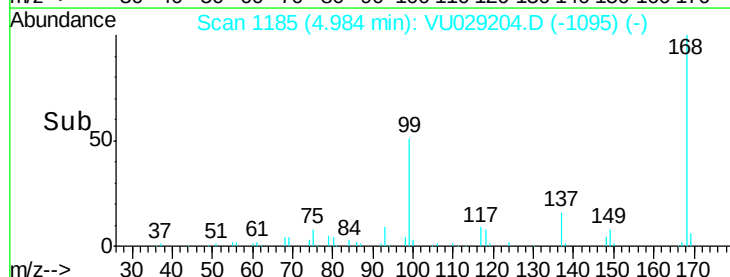
1500

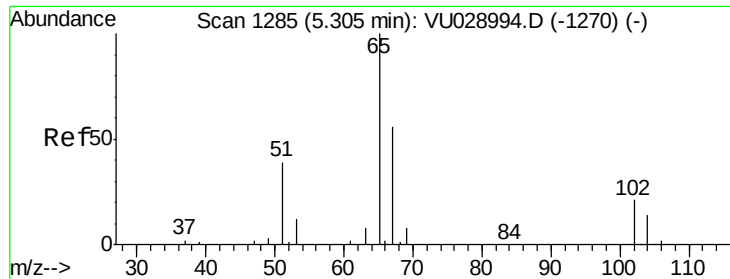
1000

500

0

Time-->

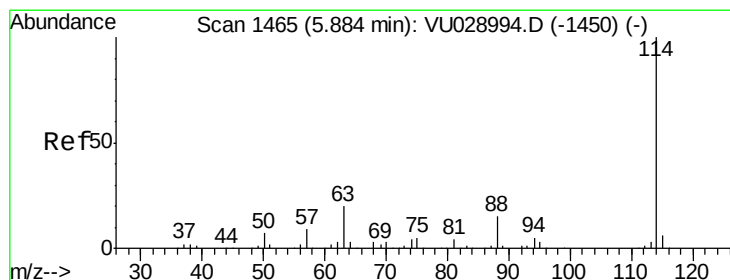
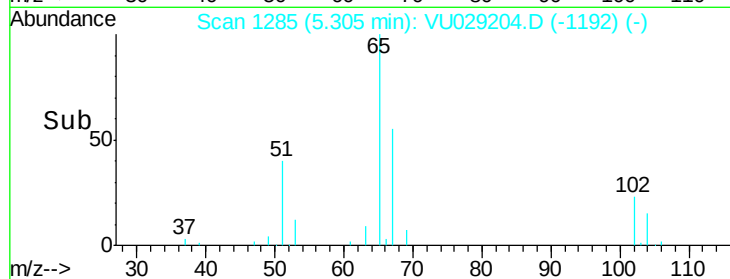
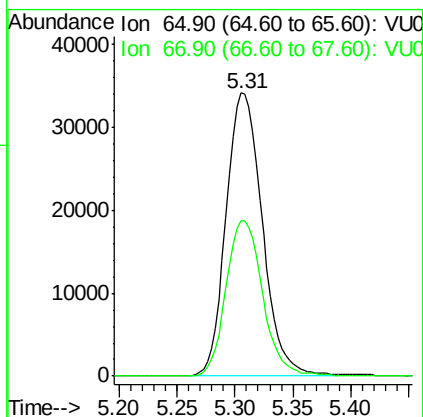
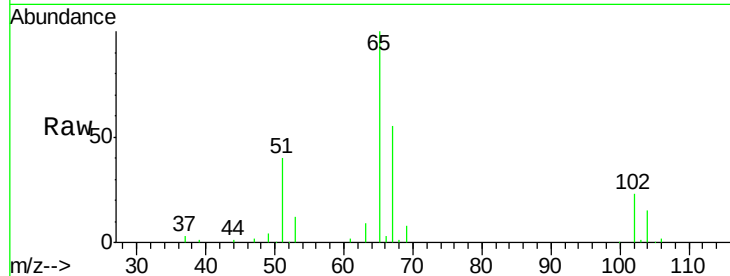




#33
 1,2-Dichloroethane-d4
 Concen: 57.243 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

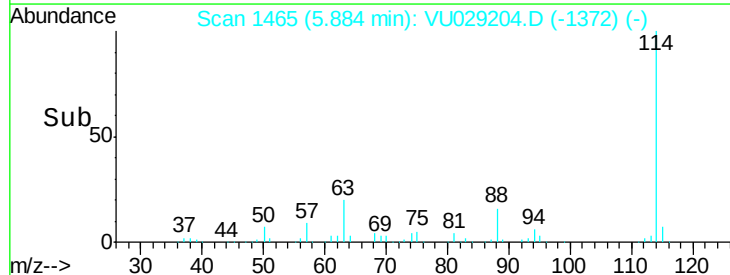
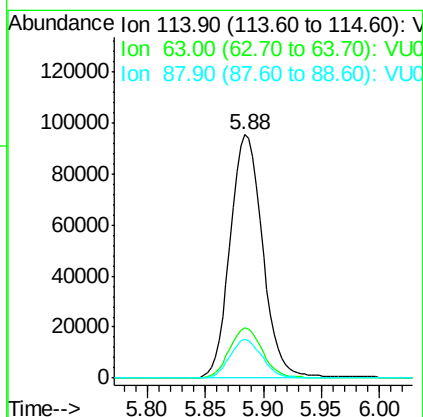
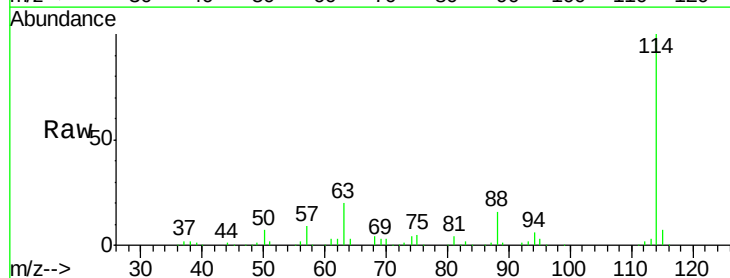
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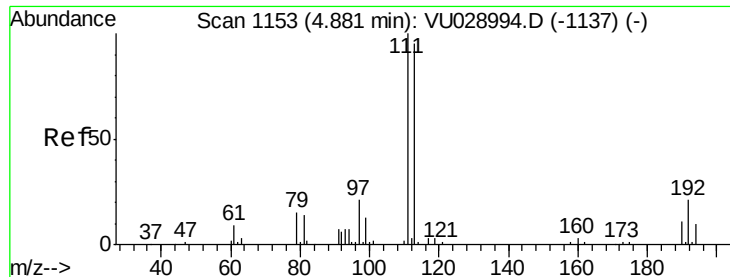
Tot Ion: 65 Resp: 74110
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

Tgt Ion: 114 Resp: 186211
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.936 ug/l

RT: 4.88 min Scan# 1153

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
TP-6

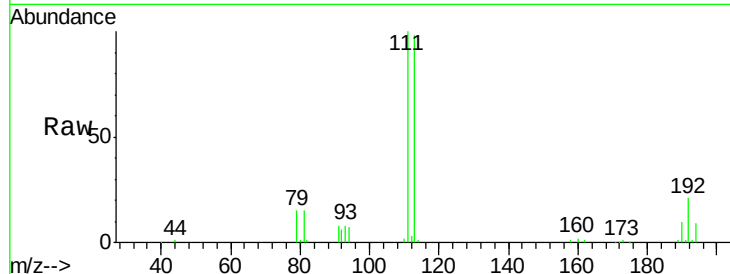
Tot Ion:113 Resp: 63898

Ion Ratio Lower Upper

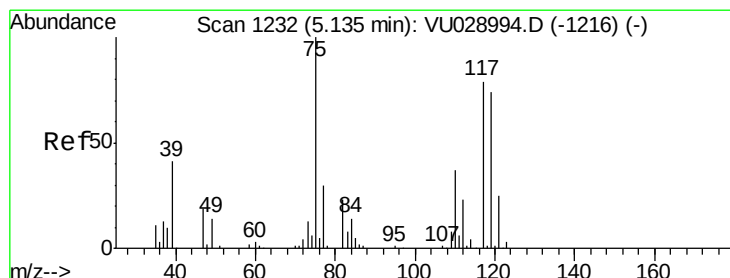
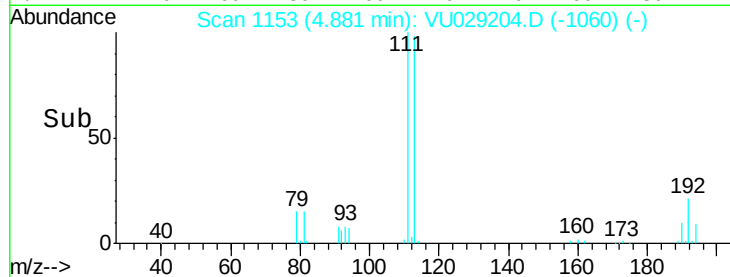
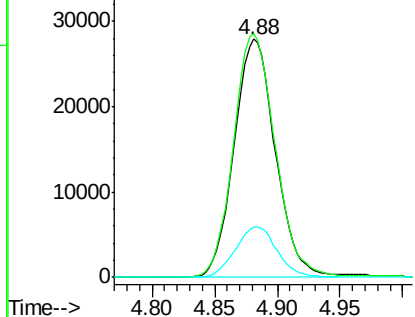
113 100

111 103.1 81.4 122.2

192 21.2 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: 4.277 ug/l

RT: 4.98 min Scan# 1184

Delta R.T. -0.15 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

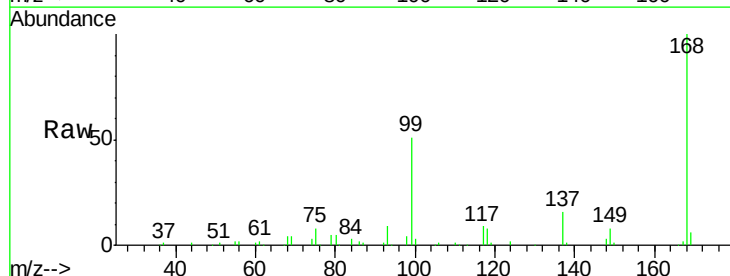
Tgt Ion: 75 Resp: 7960

Ion Ratio Lower Upper

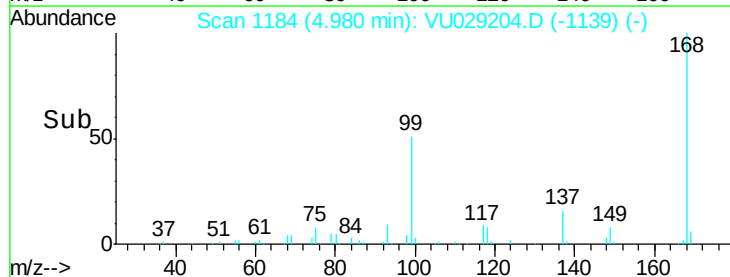
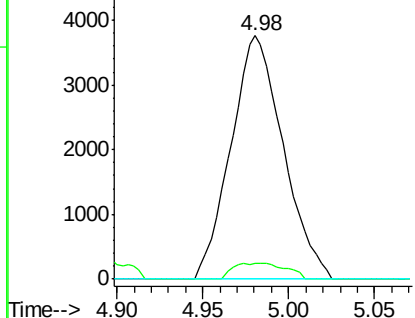
75 100

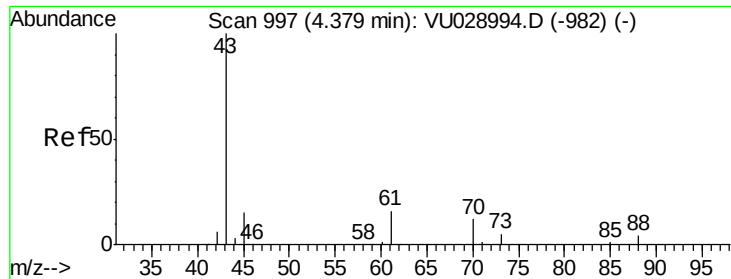
110 6.7 18.4 55.4#

77 0.0 25.1 37.7#



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

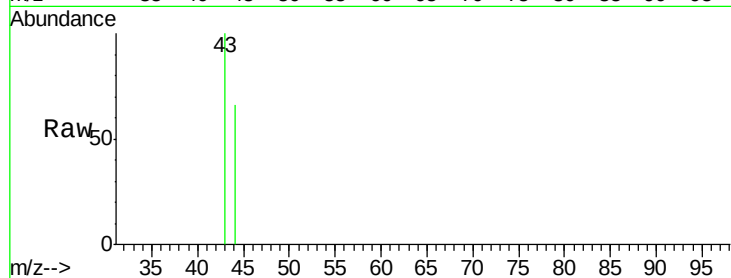




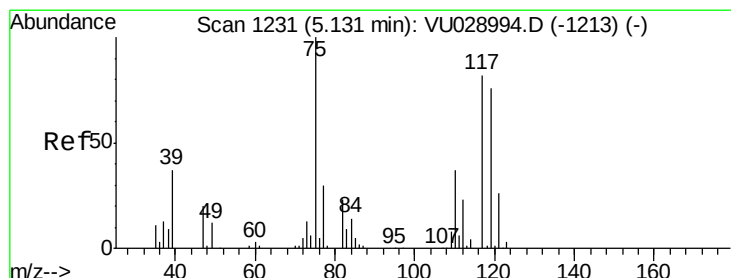
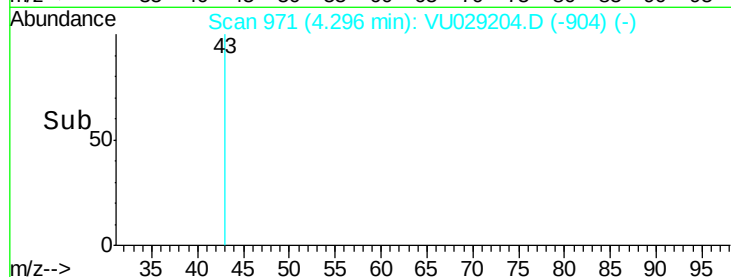
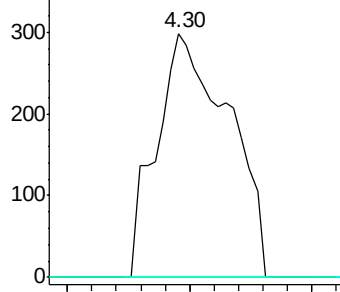
#37
Ethyl Acetate
Concen: 0.301 ug/l
RT: 4.30 min Scan# 971
Delta R.T. -0.08 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tot Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
61 0.0 12.6 18.8#
70 0.0 9.3 13.9#

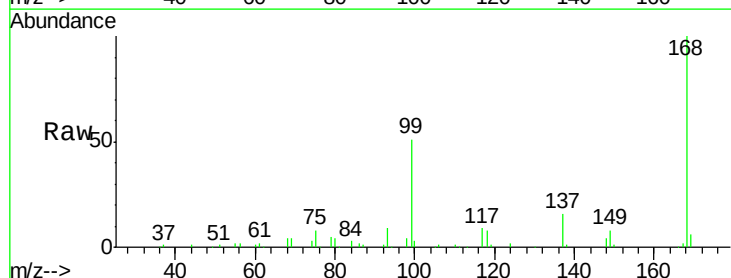


Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-982) (-)
Ion 60.90 (60.60 to 61.60): VU028994.D (-982) (-)
Ion 70.00 (69.70 to 70.70): VU028994.D (-982) (-)

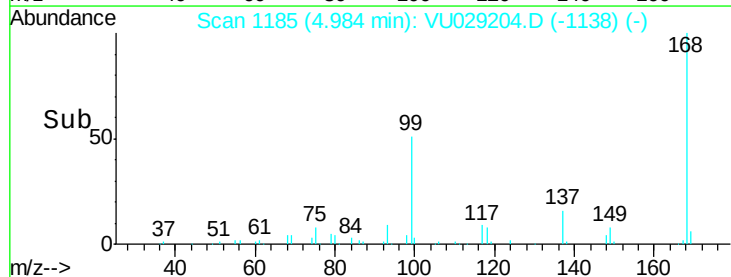
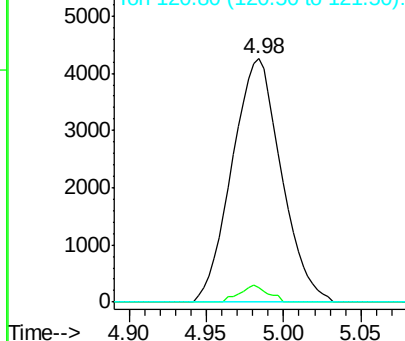


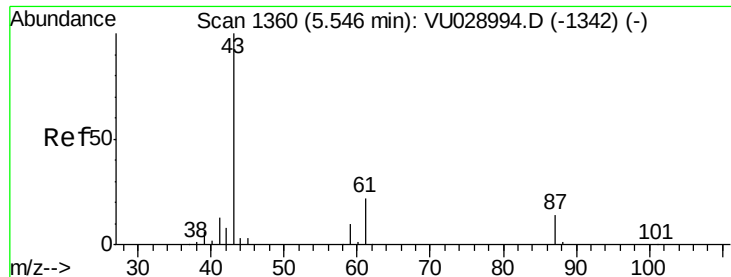
#38
Carbon Tetrachloride
Concen: 6.073 ug/l
RT: 4.98 min Scan# 1185
Delta R.T. -0.15 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion: 117 Resp: 9428
Ion Ratio Lower Upper
117 100
119 6.0 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: 2.310 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

TP-6

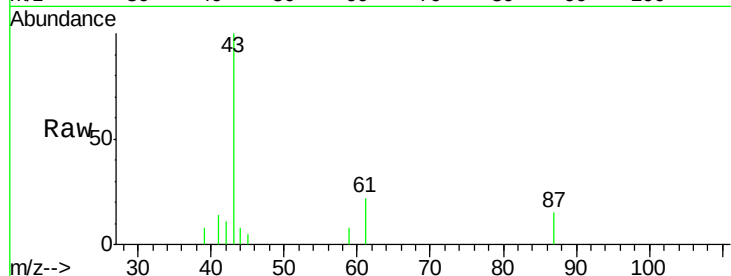
Tot Ion: 43 Resp: 7239

Ion Ratio Lower Upper

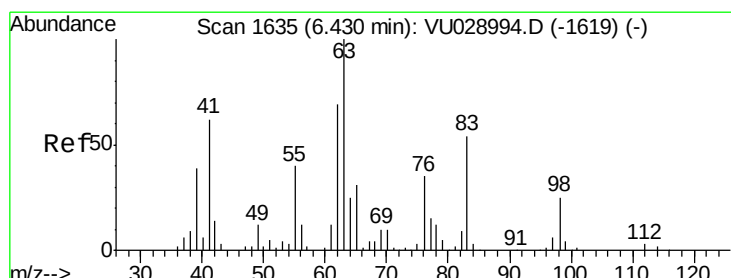
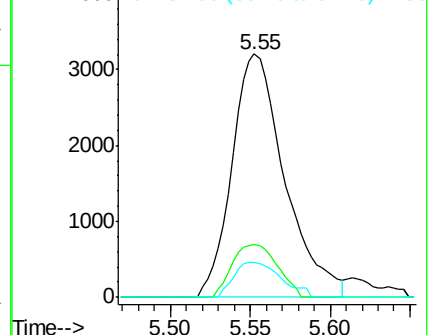
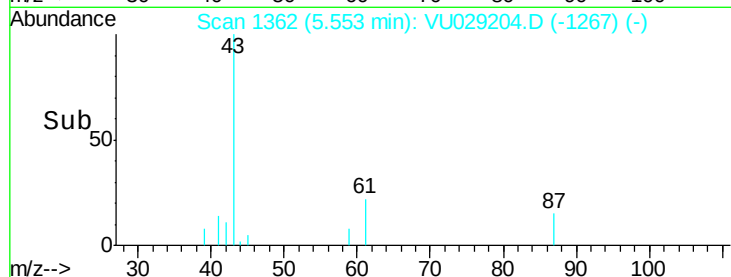
43 100

61 18.6 17.8 26.6

87 12.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029204.D (-1267) (-)



#45

1,2-Dichloropropane

Concen: 0.366 ug/l

RT: 6.70 min Scan# 1720

Delta R.T. 0.27 min

Lab File: VU029204.D

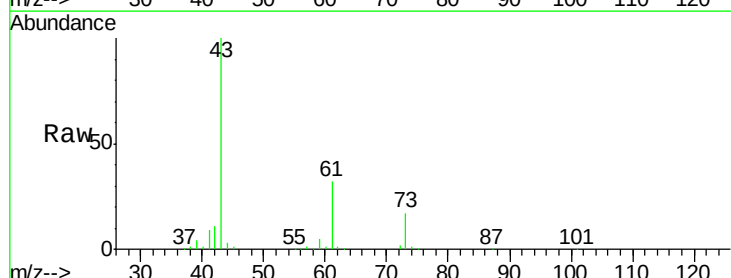
Acq: 16 Jan 2019 13:05

Tgt Ion: 63 Resp: 561

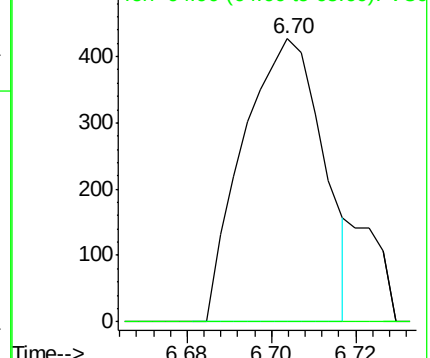
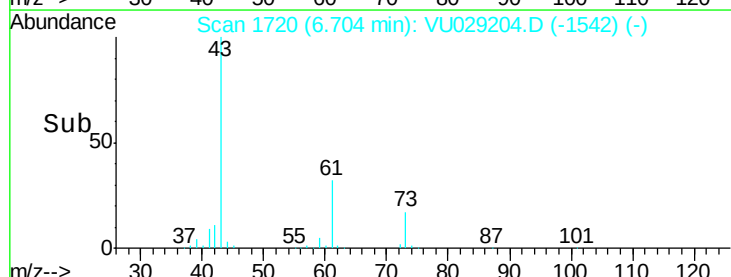
Ion Ratio Lower Upper

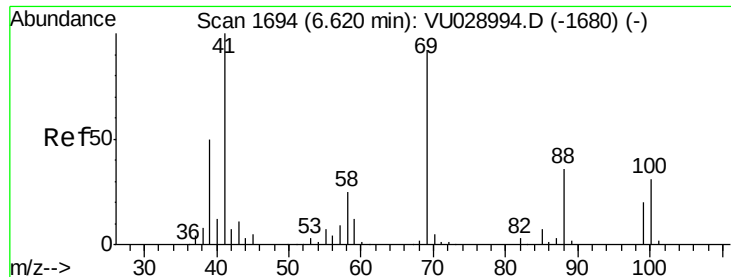
63 100

65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU029204.D (-1542) (-)

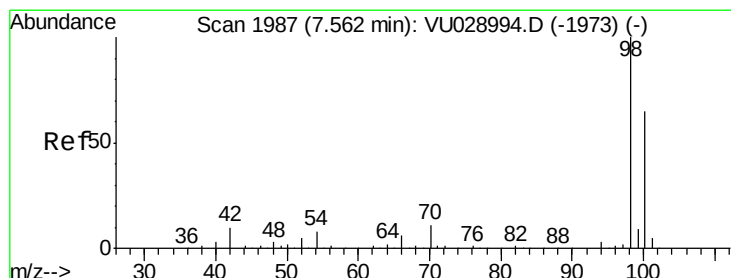
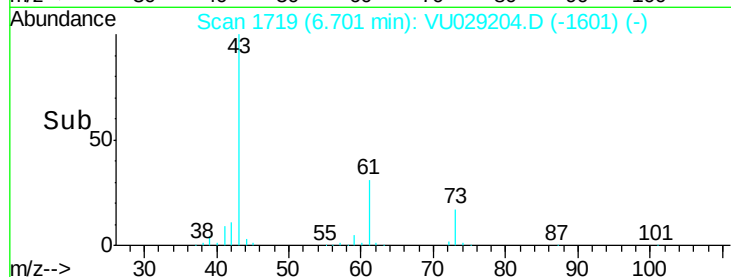
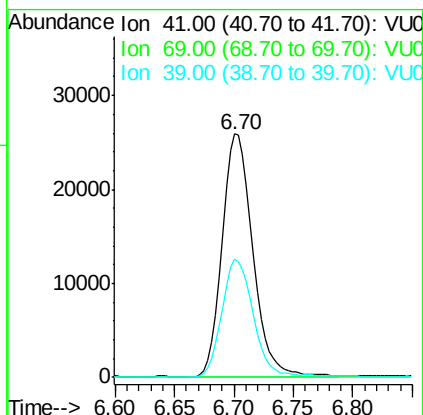
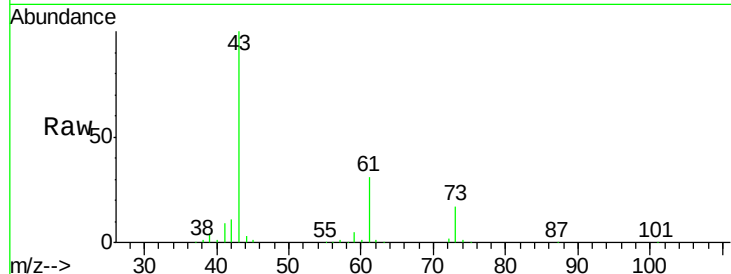




#48
Methvl methacrylate
Concen: 30.591 ug/l
RT: 6.70 min Scan# 1719
Delta R.T. 0.08 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

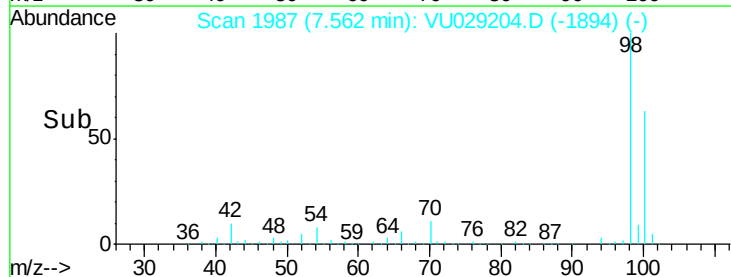
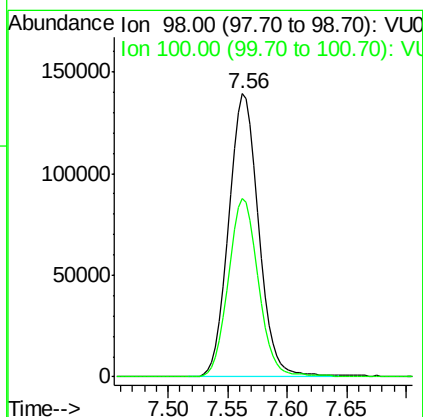
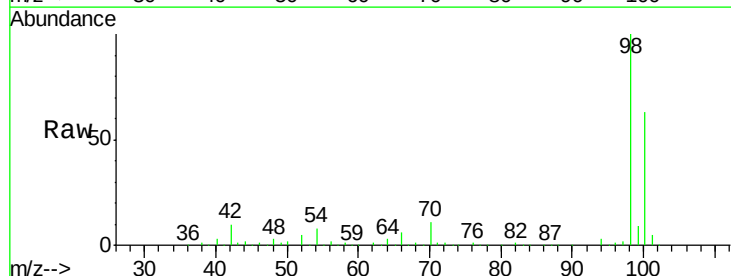
Instrument :
MSVOA_U
ClientSampleId :
TP-6

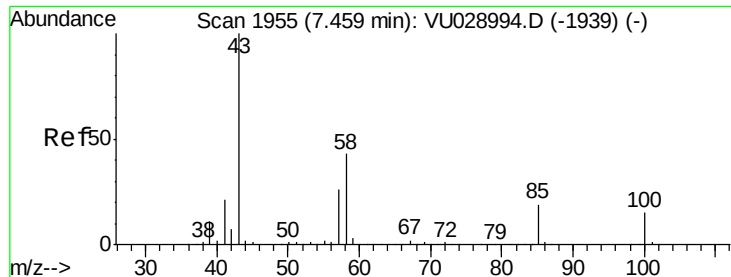
Tot Ion: 41 Resp: 46683
Ion Ratio Lower Upper
41 100
69 0.0 73.6 110.4#
39 49.1 39.6 59.4



#50
Toluene-d8
Concen: 51.314 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion: 98 Resp: 244532
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 16.875 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampled :

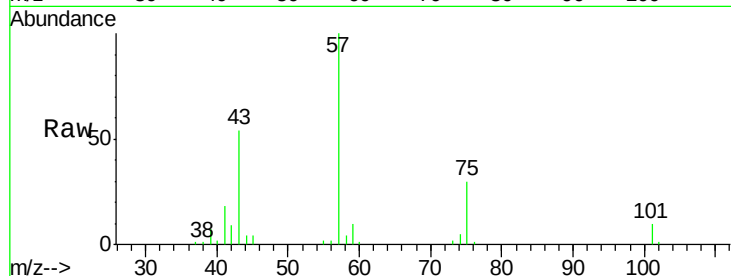
TP-6

Tot Ion: 43 Resp: 35993

Ion Ratio Lower Upper

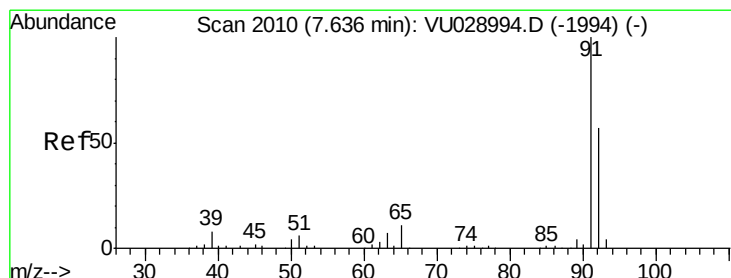
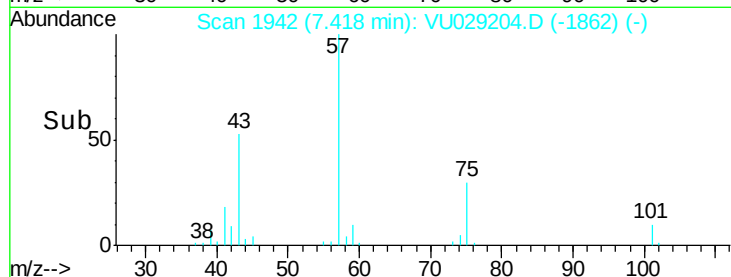
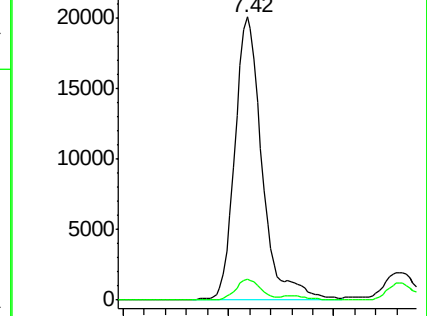
43 100

58 6.8 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: 0.263 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU029204.D

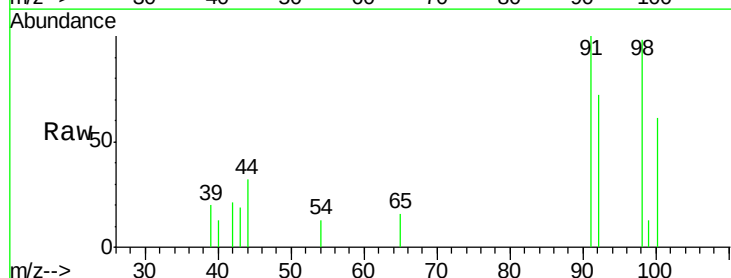
Acq: 16 Jan 2019 13:05

Tgt Ion: 92 Resp: 931

Ion Ratio Lower Upper

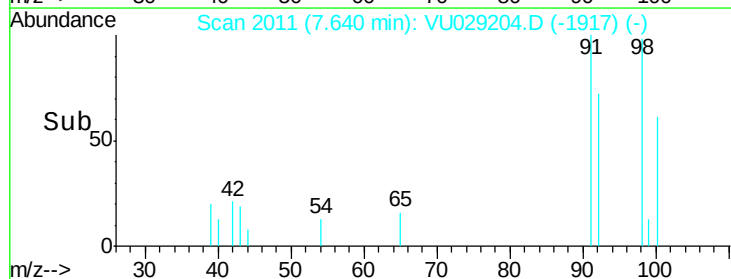
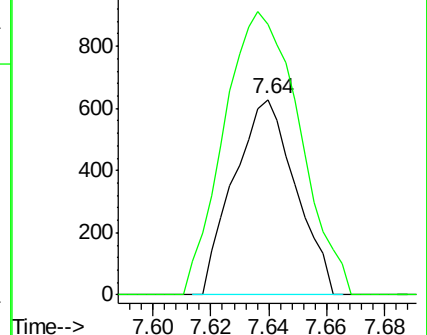
92 100

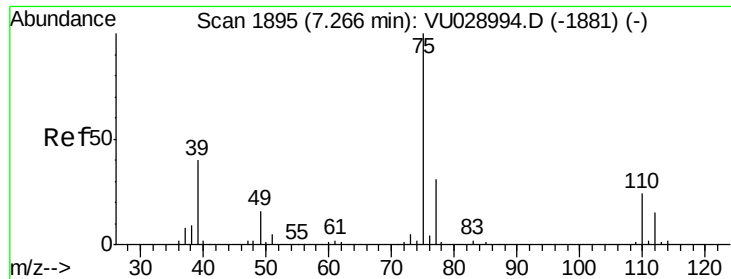
91 177.6 139.8 209.8



Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



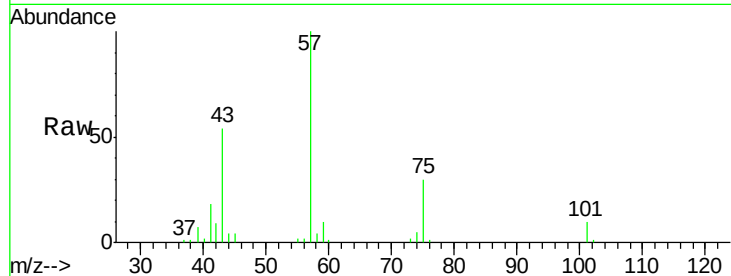


#54

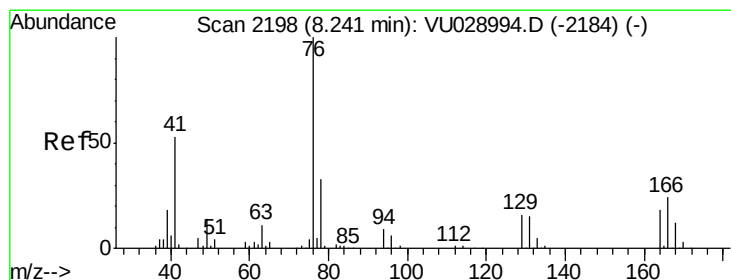
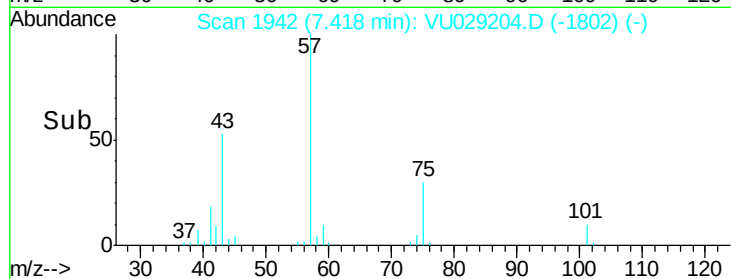
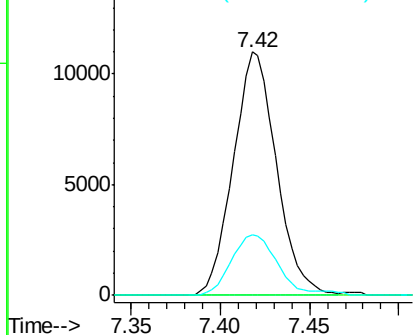
cis-1,3-Dichloropropene
 Concen: 7.910 ug/l
 RT: 7.42 min Scan# 1942
 Delta R.T. 0.15 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

Instrument :
 MSVOA_U
 ClientSampled :
 TP-6

Tot Ion: 75 Resp: 18527
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.0 37.6#
 39 25.0 32.2 48.4#



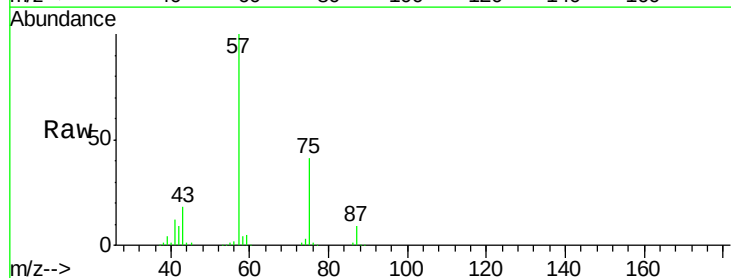
Abundance Ion 74.90 (74.60 to 75.60): VU0
 Ion 76.90 (76.60 to 77.60): VU0
 Ion 39.00 (38.70 to 39.70): VU0



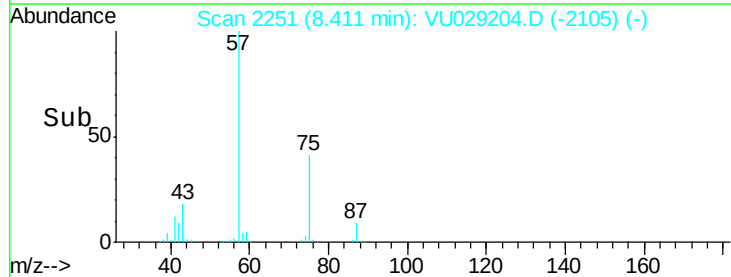
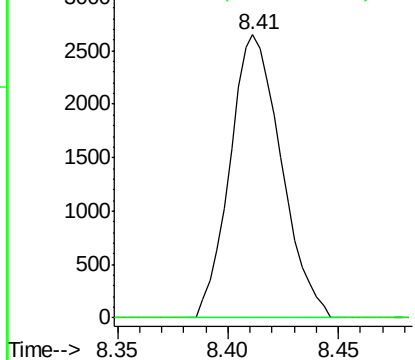
#57

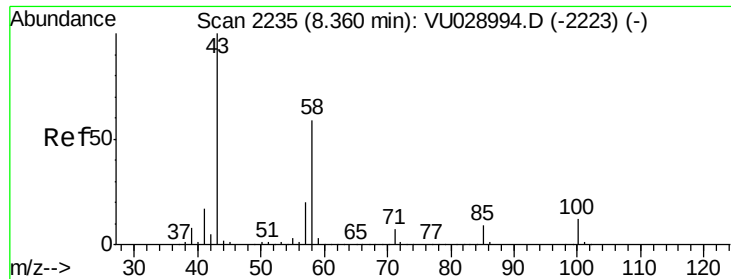
1,3-Dichloropropane
 Concen: 1.766 ug/l
 RT: 8.41 min Scan# 2251
 Delta R.T. 0.17 min
 Lab File: VU029204.D
 Acq: 16 Jan 2019 13:05

Tgt Ion: 76 Resp: 4278
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VU0
 Ion 77.90 (77.60 to 78.60): VU0

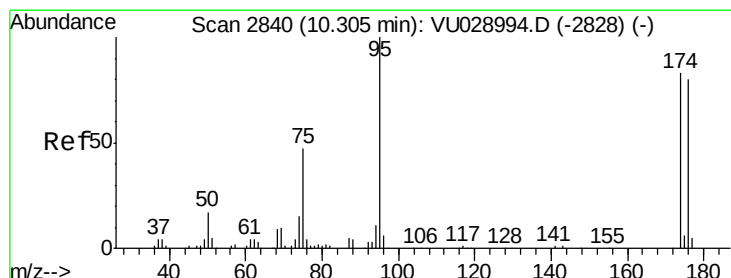
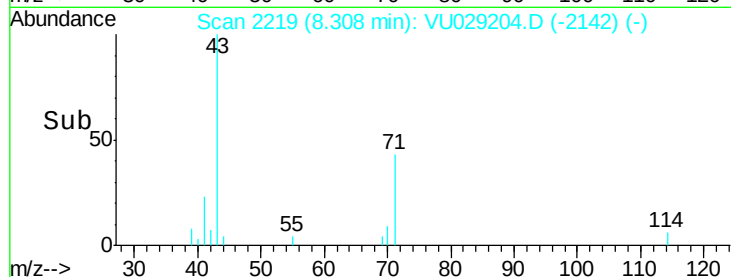
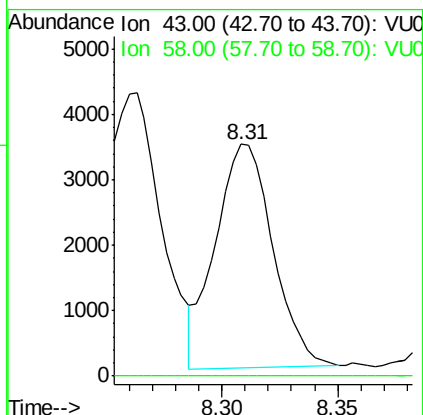
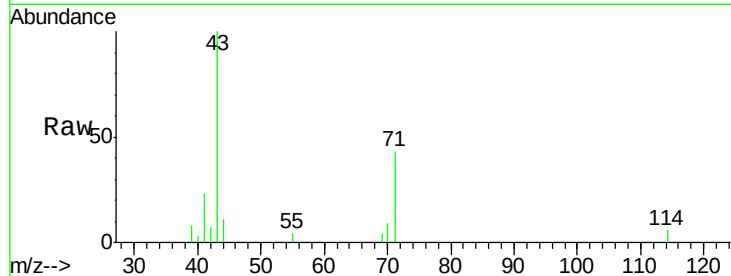




#59
2-Hexanone
Concen: 3.519 ug/l
RT: 8.31 min Scan# 2219
Delta R.T. -0.05 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

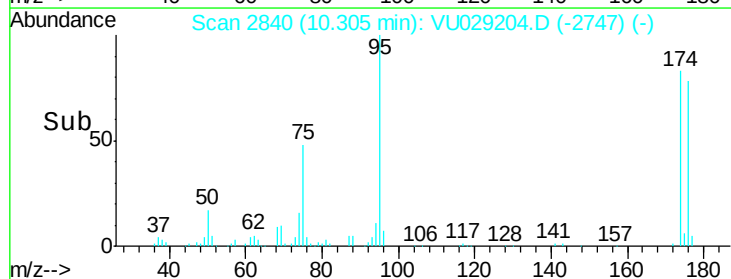
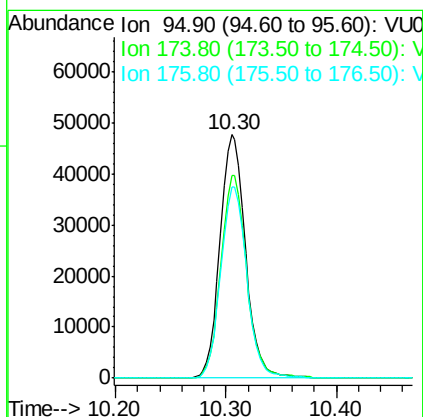
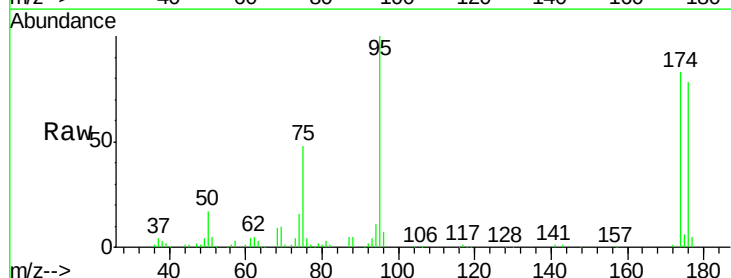
Instrument :
MSVOA_U
ClientSampleId :
TP-6

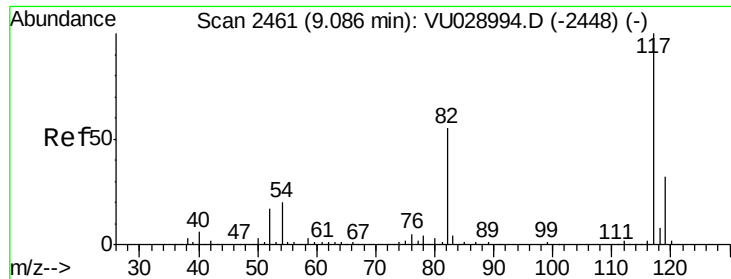
Tot Ion: 43 Resp: 5892
Ion Ratio Lower Upper
43 100
58 0.0 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 44.781 ug/l
RT: 10.30 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion: 95 Resp: 76691
Ion Ratio Lower Upper
95 100
174 84.2 0.0 170.6
176 80.3 0.0 165.0

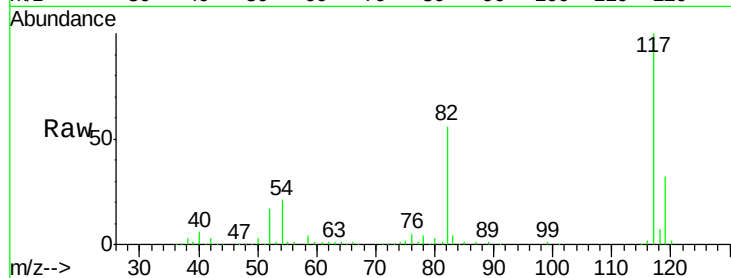




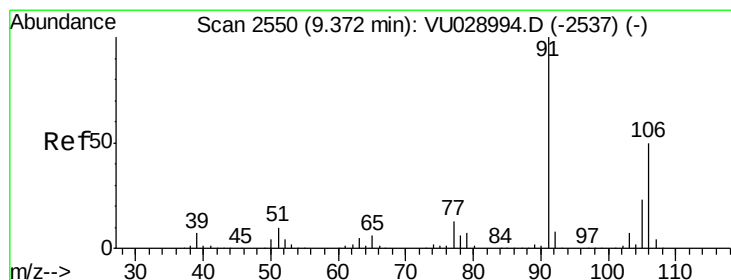
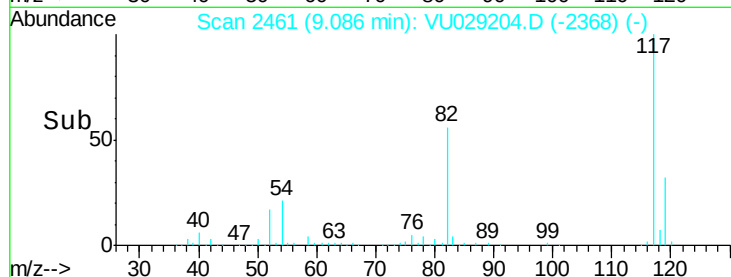
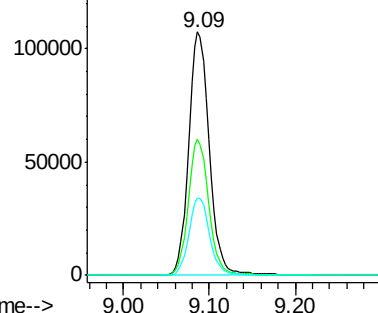
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
TP-6

Tot Ion:117 Resp: 179848
Ion Ratio Lower Upper
117 100
82 56.0 43.9 65.9
119 31.9 26.0 39.0

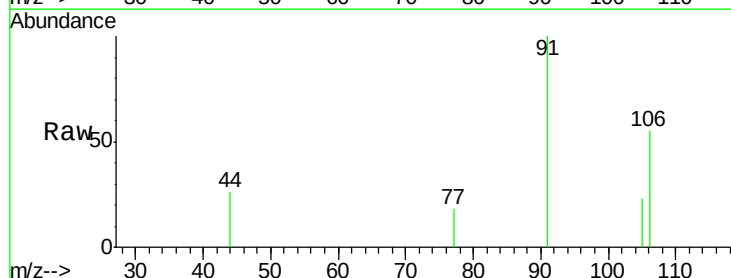


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

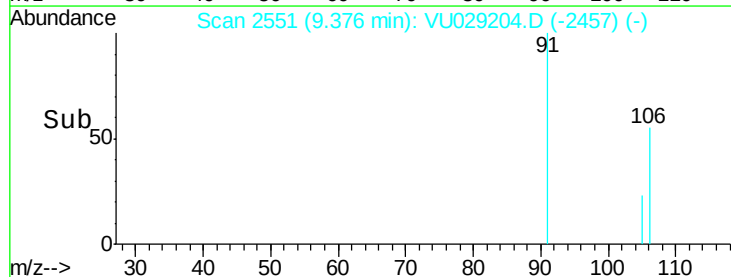
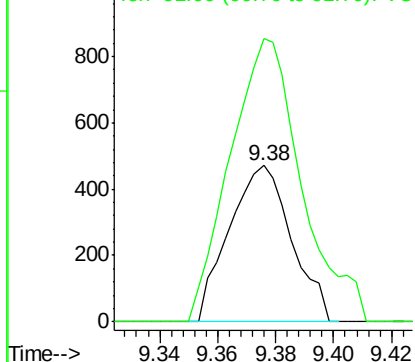


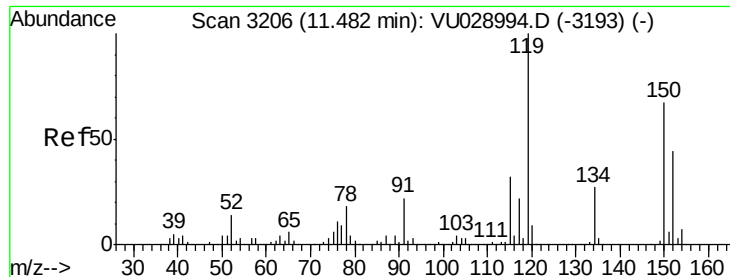
#68
m/p-Xylenes
Concen: 0.269 ug/l
RT: 9.38 min Scan# 2551
Delta R.T. 0.00 min
Lab File: VU029204.D
Acq: 16 Jan 2019 13:05

Tgt Ion:106 Resp: 703
Ion Ratio Lower Upper
106 100
91 207.8 161.7 242.5



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

TP-6

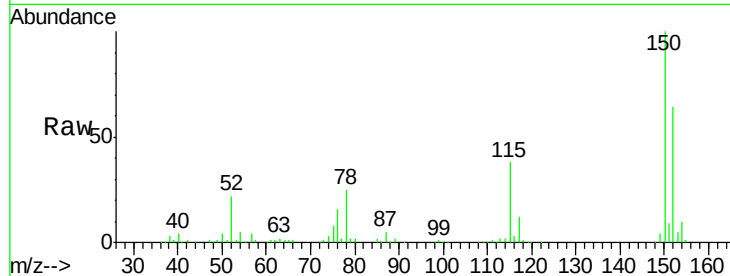
Tot Ion:152 Resp: 70952

Ion Ratio Lower Upper

152 100

115 58.4 40.1 120.3

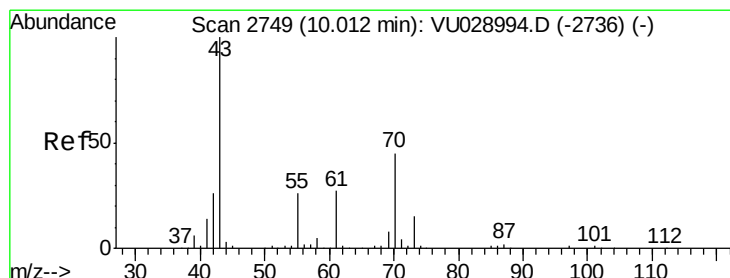
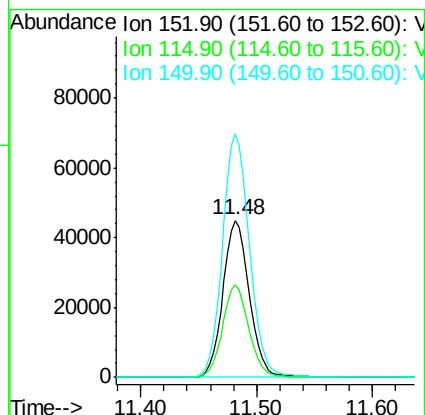
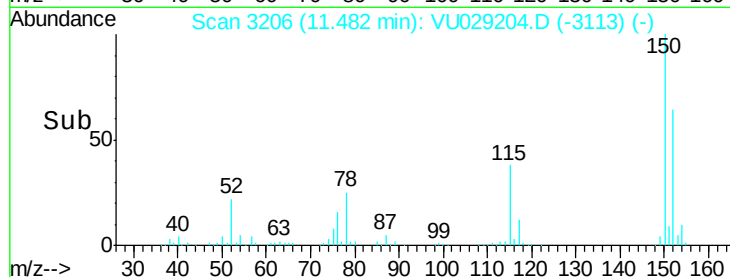
150 157.8 0.0 345.2



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



#74

N-ethyl acetate

Concen: 2.334 ug/l

RT: 9.76 min Scan# 2672

Delta R.T. -0.25 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Tgt Ion: 43 Resp: 5282

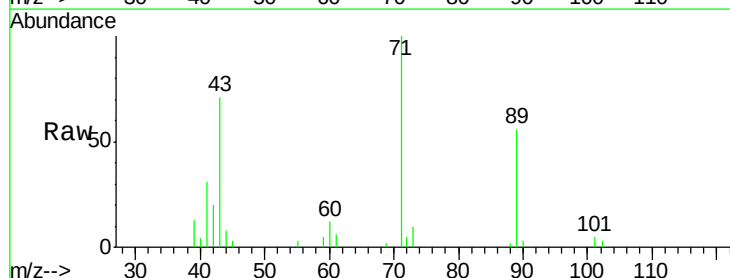
Ion Ratio Lower Upper

43 100

70 0.0 36.3 54.5#

55 2.8 20.5 30.7#

61 8.7 21.8 32.8#

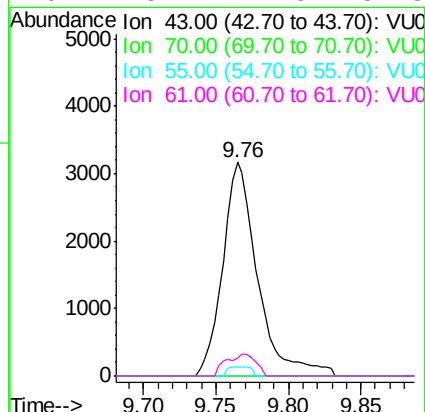
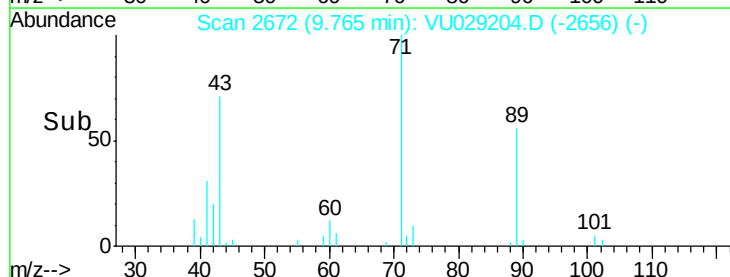


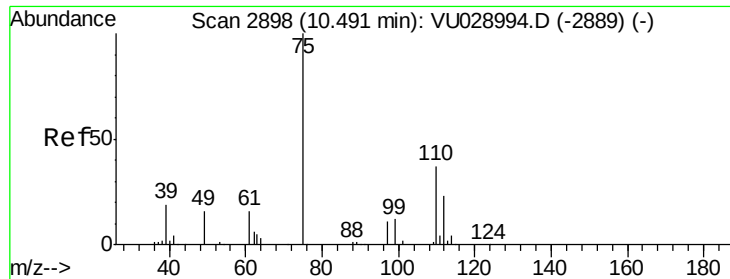
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#76

1,2,3-Trichloropropane

Concen: 20.857 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.19 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

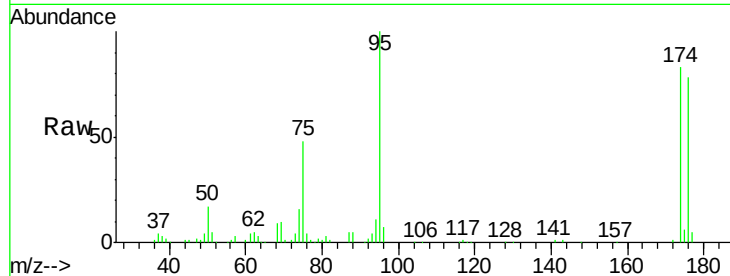
TP-6

Tot Ion: 75 Resp: 36259

Ion Ratio Lower Upper

75 100

77 1.3 20.9 62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU028994.D (-2889) (-)

Ion 77.00 (76.70 to 77.70): VU028994.D (-2889) (-)

10.30

25000

20000

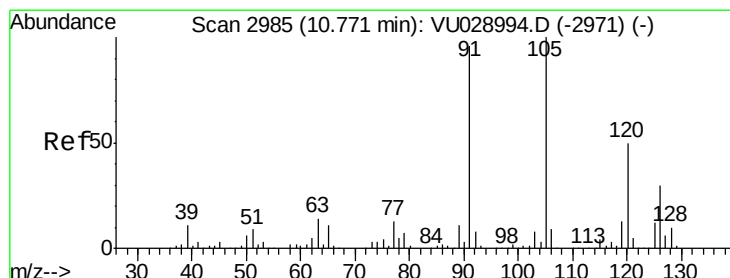
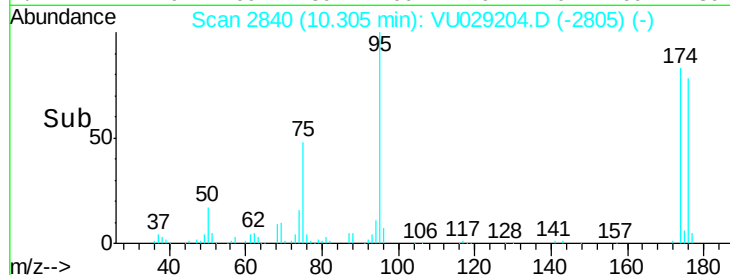
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.364 ug/l

RT: 10.77 min Scan# 2986

Delta R.T. 0.00 min

Lab File: VU029204.D

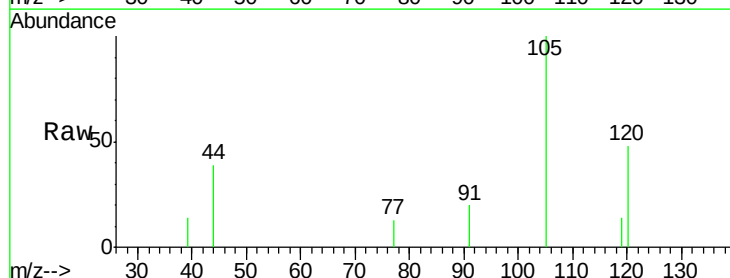
Acq: 16 Jan 2019 13:05

Tgt Ion: 105 Resp: 1597

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VU028994.D (-2971) (-)

Ion 120.00 (119.70 to 120.70): VU028994.D (-2971) (-)

10.77

1200

1000

800

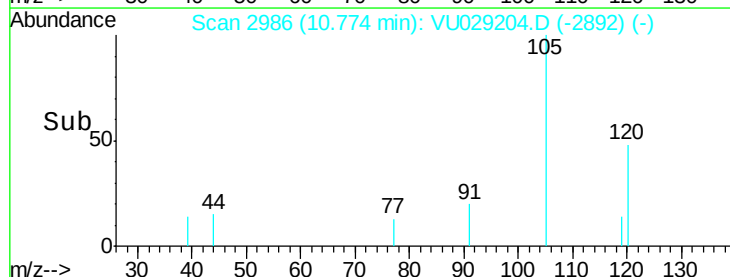
600

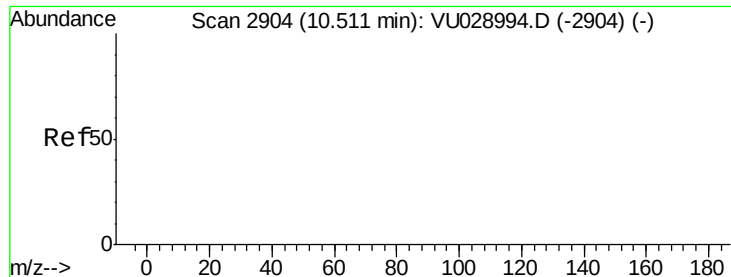
400

200

0

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.792 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampled :

TP-6

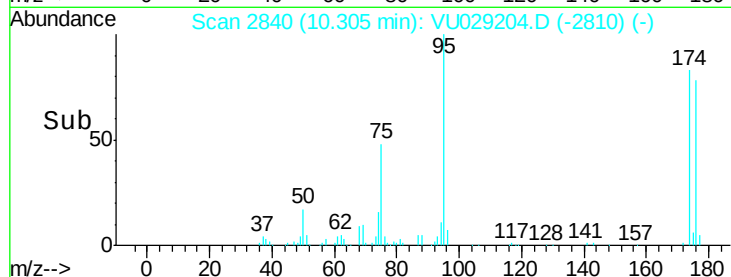
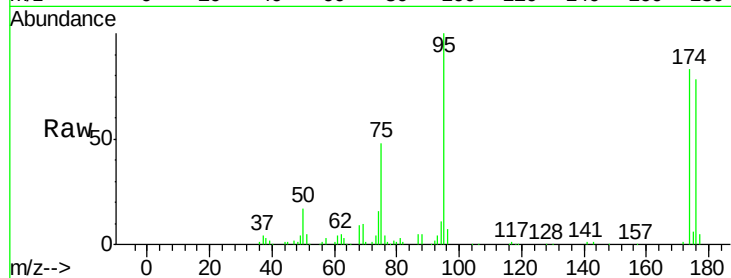
Tot Ion: 75 Resp: 36259

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

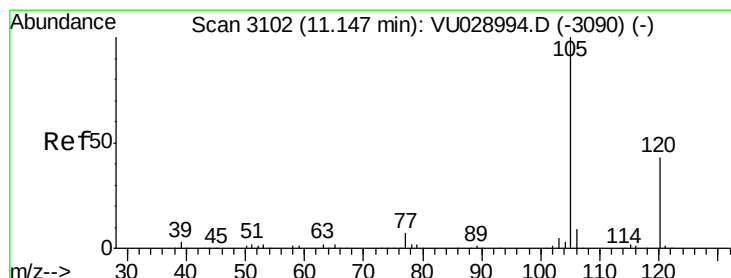
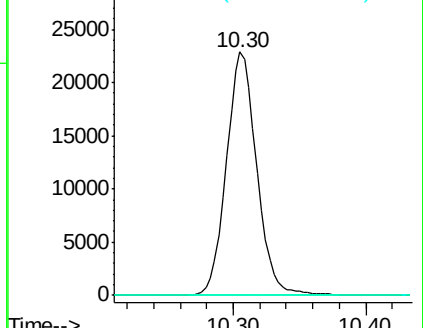
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



#84

1,2,4-Trimethylbenzene

Concen: 0.480 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU029204.D

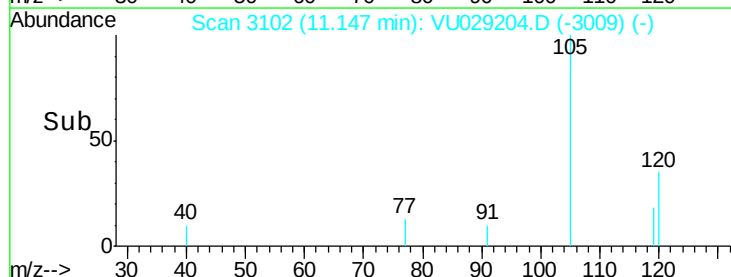
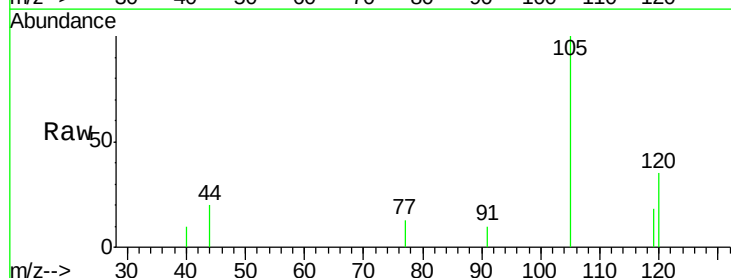
Acq: 16 Jan 2019 13:05

Tgt Ion: 105 Resp: 2100

Ion Ratio Lower Upper

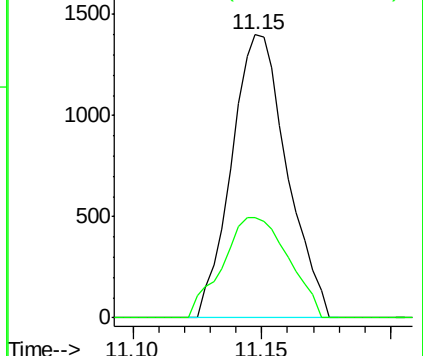
105 100

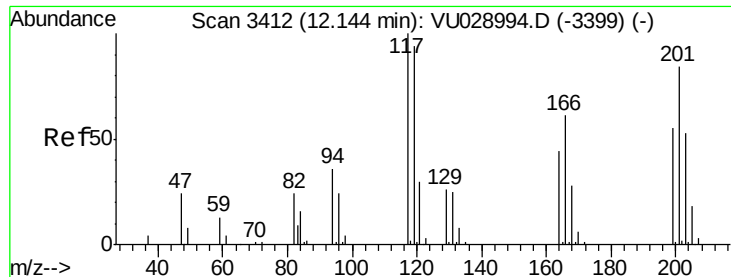
120 42.0 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#90

Hexachloroethane

Concen: 0.222 ug/l

RT: 12.26 min Scan# 3447

Delta R.T. 0.11 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

Instrument :

MSVOA_U

ClientSampled :

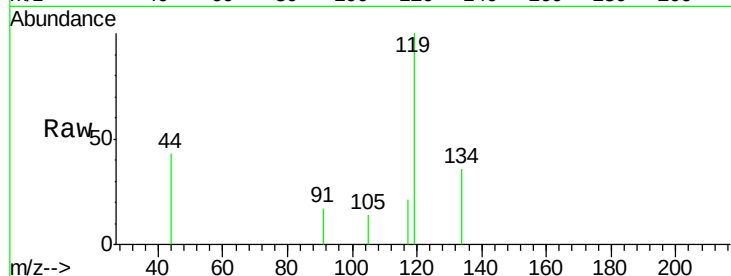
TP-6

Tot Ion:117 Resp: 166

Ion Ratio Lower Upper

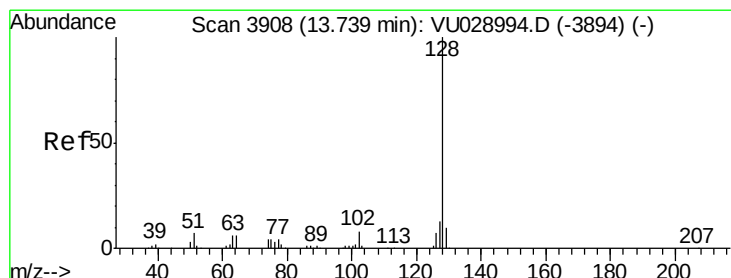
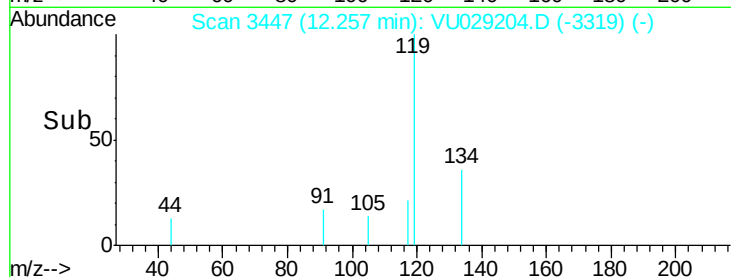
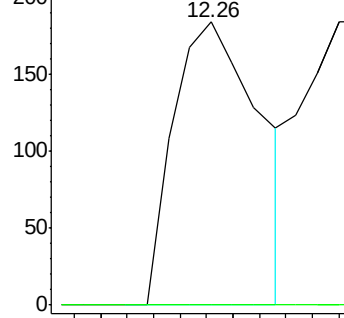
117 100

201 0.0 42.4 127.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 7.568 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU029204.D

Acq: 16 Jan 2019 13:05

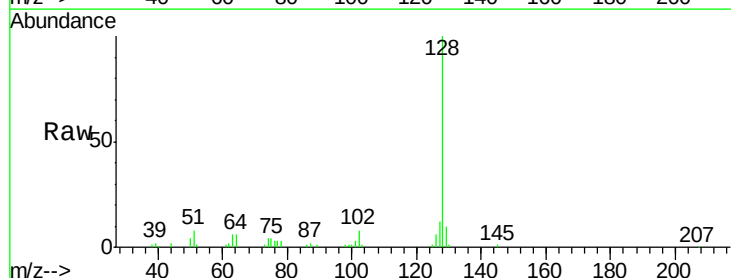
Tgt Ion:128 Resp: 41554

Ion Ratio Lower Upper

128 100

127 11.5 10.1 15.1

129 10.2 8.5 12.7



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

