

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU011619\
 Data File : VU029201.D
 Acq On : 16 Jan 2019 11:52
 Operator : JC/SP
 Sample : K1147-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

Quant Time: Jan 17 00:57:35 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	109296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	193634	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	184022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	73856	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	76559	56.66	ug/l	0.00
Spiked Amount			Recovery	=	113.32%	
35) Dibromofluoromethane	4.88	113	66710	53.15	ug/l	0.00
Spiked Amount			Recovery	=	106.30%	
50) Toluene-d8	7.56	98	253942	51.25	ug/l	0.00
Spiked Amount			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	10.30	95	79719	44.76	ug/l	0.00
Spiked Amount			Recovery	=	89.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	647	Below Cal		100
6) Chloroethane	1.70	64	208	0.219	ug/l #	43
8) Diethyl Ether	2.10	74	415	0.496	ug/l #	48
11) Tert butyl alcohol	2.83	59	176	0.512	ug/l #	73
14) Allyl chloride	2.70	41	2364	1.137	ug/l #	29
16) Acetone	2.32	43	5267	6.188	ug/l	95
17) Carbon Disulfide	2.48	76	169	Below Cal	#	75
18) Methyl Acetate	2.63	43	1110	0.561	ug/l #	59
20) Methylene Chloride	2.70	84	59290	41.028	ug/l	98
29) Tetrahydrofuran	4.66	42	386	0.554	ug/l #	37
31) Cyclohexane	4.98	56	2191	Below Cal	#	1
36) 1,1-Dichloropropene	4.98	75	8043	4.156	ug/l #	47
38) Carbon Tetrachloride	4.98	117	9515	5.894	ug/l #	17
43) Isopropyl Acetate	5.55	43	6669	2.046	ug/l	96
45) 1,2-Dichloropropane	6.71	63	553	0.347	ug/l #	43
48) Methyl methacrylate	6.54	41	3496	2.203	ug/l #	12
51) 4-Methyl-2-Pentanone	7.42	43	33175	14.958	ug/l #	45
54) cis-1,3-Dichloropropene	7.42	75	17794	7.305	ug/l #	63
57) 1,3-Dichloropropane	8.41	76	4114	1.633	ug/l #	42
59) 2-Hexanone	8.31	43	5738	3.296	ug/l #	21
67) Ethyl Benzene	9.25	91	9652	1.402	ug/l	91
68) m/p-Xylenes	9.37	106	18892	7.060	ug/l	95
69) o-Xylene	9.78	106	8648	3.354	ug/l	99
74) N-amyl acetate	9.76	43	5225	2.218	ug/l #	50
76) 1,2,3-Trichloropropane	10.30	75	38726	21.400	ug/l #	35
79) 2-Chlorotoluene	10.68	91	1028	0.263	ug/l #	41
80) 1,3,5-Trimethylbenzene	10.77	105	3952	0.866	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.30	75	38726	55.193	ug/l #	100
83) tert-Butylbenzene	11.15	119	1670	0.371	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.15	105	13366	2.933	ug/l	98
85) sec-Butylbenzene	11.15	105	13366	2.456	ug/l #	57
95) Naphthalene	13.76	128	2695	0.472	ug/l #	84

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

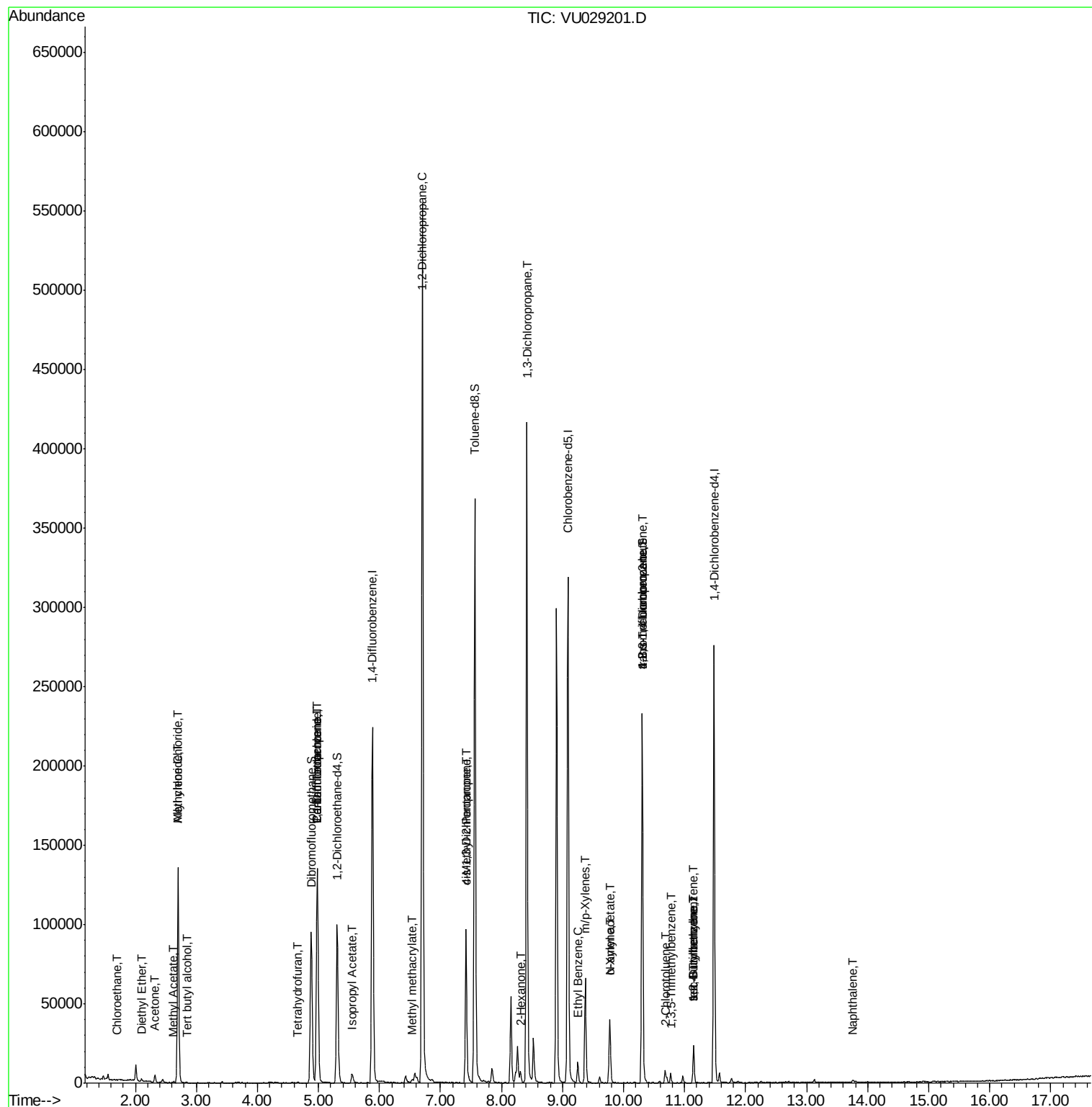
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

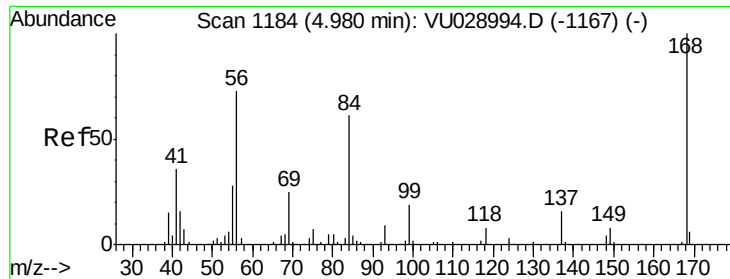
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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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: VU029201.D

Acq: 16 Jan 2019 11:52

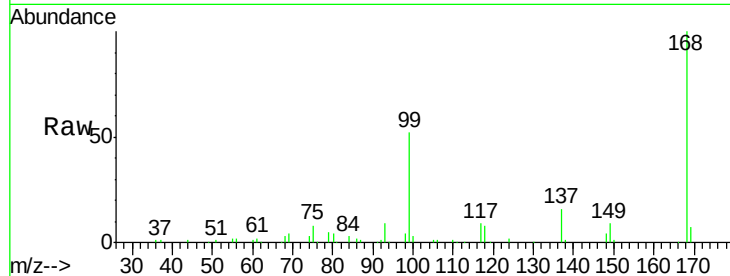
Instrument :
MSVOA_U
ClientSampled :
TP-3

Tot Ion:168 Resp: 109296

Ion Ratio Lower Upper

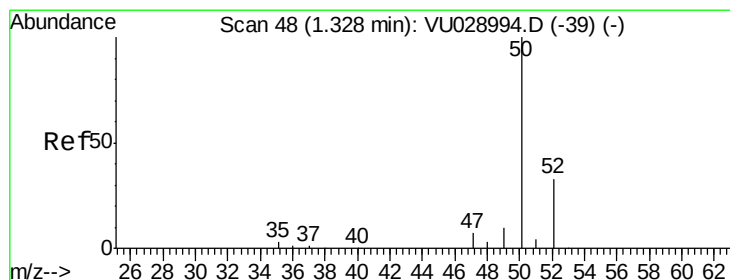
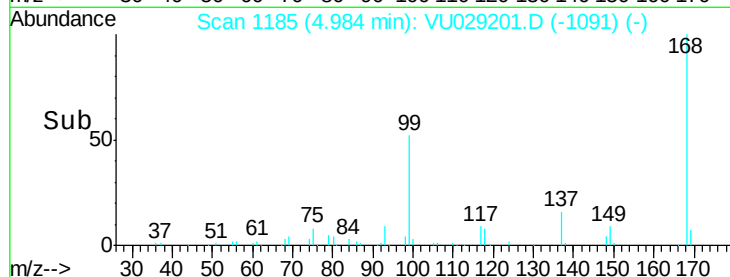
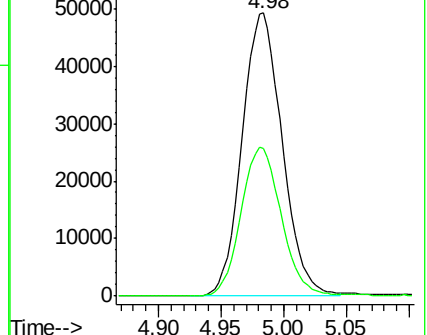
168 100

99 52.1 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: VU029201.D

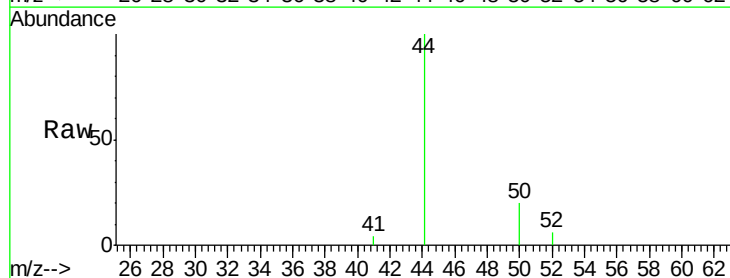
Acq: 16 Jan 2019 11:52

Tgt Ion: 50 Resp: 647

Ion Ratio Lower Upper

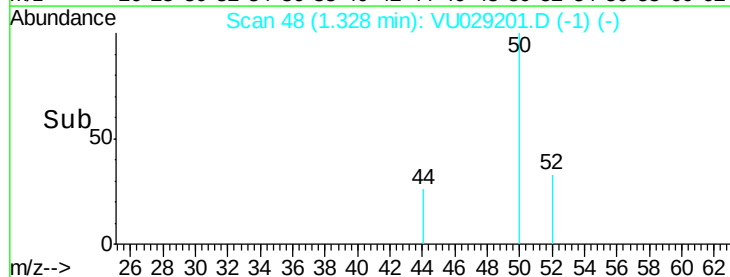
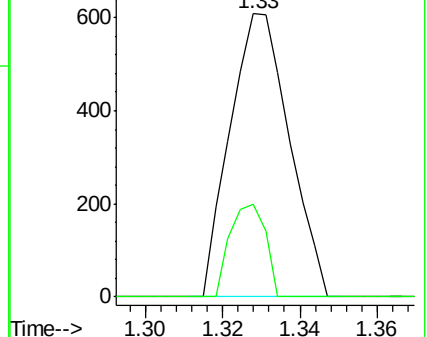
50 100

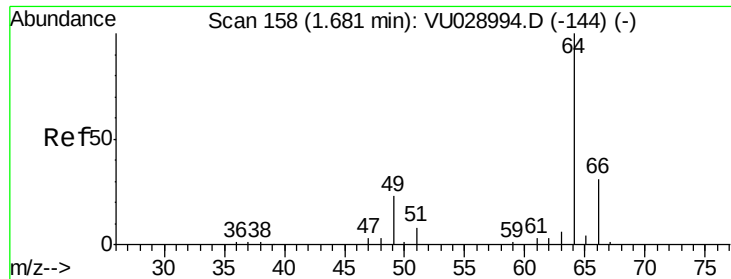
52 32.6 26.1 39.1



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

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





#6

Chloroethane

Concen: 0.219 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.02 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampled :

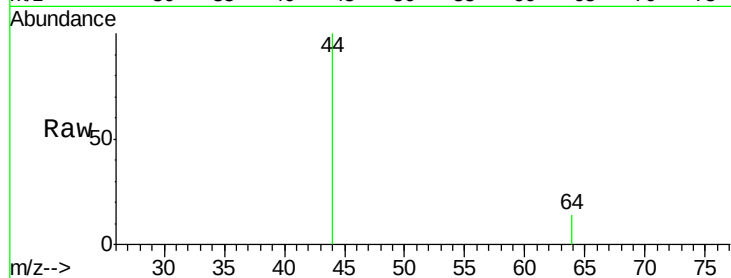
TP-3

Tot Ion: 64 Resp: 208

Ion Ratio Lower Upper

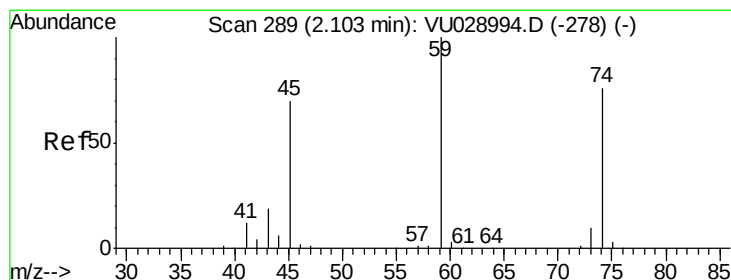
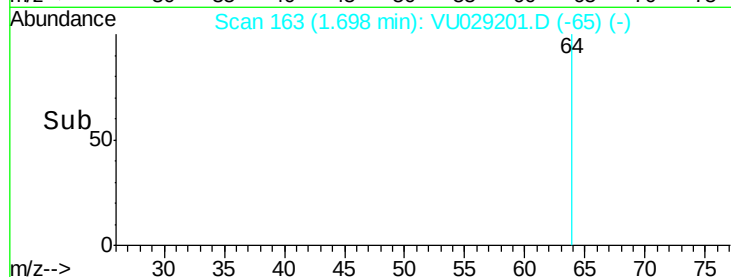
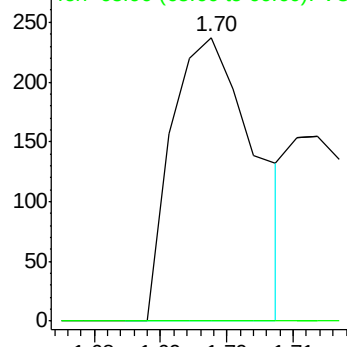
64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0



#8

Diethyl Ether

Concen: 0.496 ug/l

RT: 2.10 min Scan# 289

Delta R.T. 0.00 min

Lab File: VU029201.D

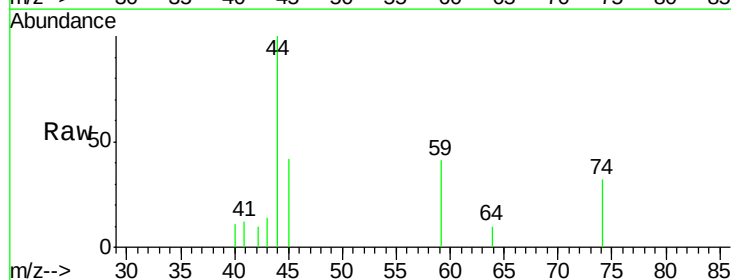
Acq: 16 Jan 2019 11:52

Tgt Ion: 74 Resp: 415

Ion Ratio Lower Upper

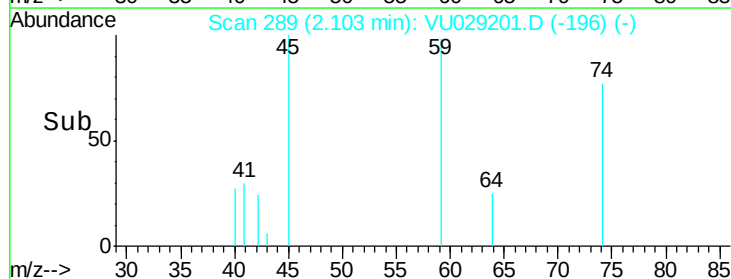
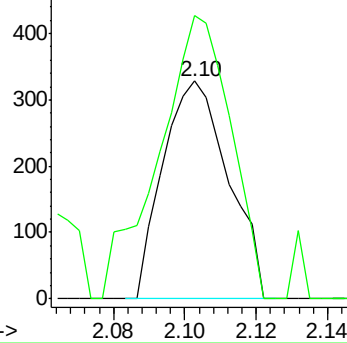
74 100

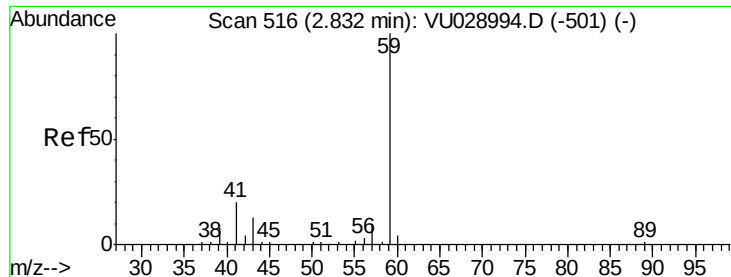
45 144.1 46.9 140.6#



Abundance Ion 74.00 (73.70 to 74.70): VU0

Ion 45.00 (44.70 to 45.70): VU0



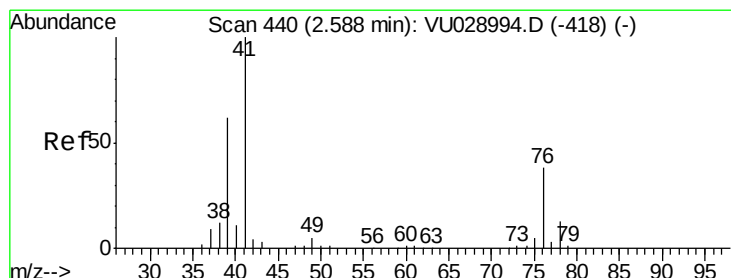
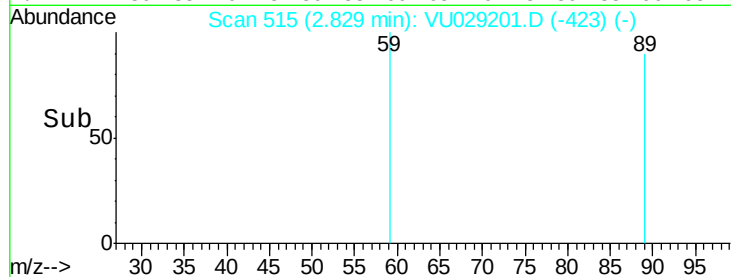
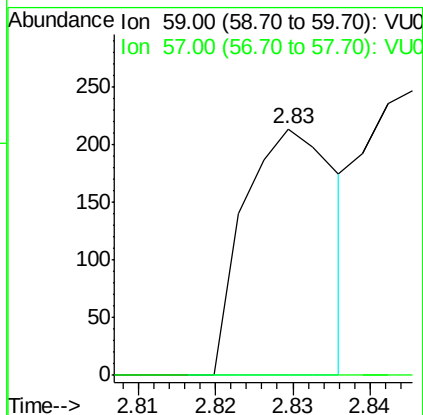
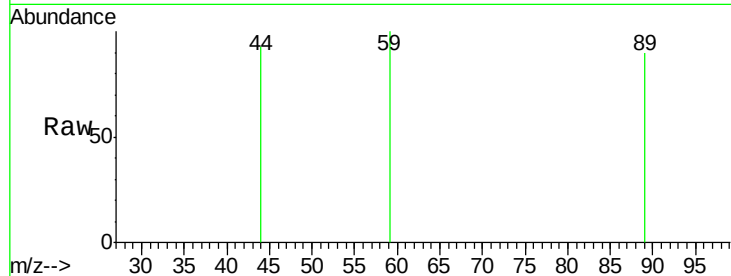


#11

Tert butyl alcohol
 Concen: 0.512 ug/l
 RT: 2.83 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Instrument :
 MSVOA_U
 ClientSampled :
 TP-3

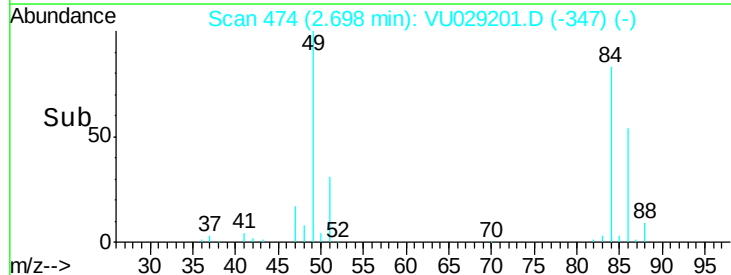
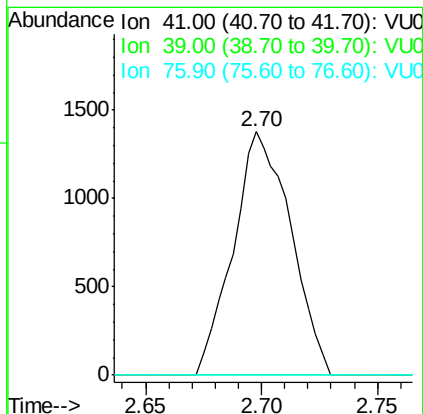
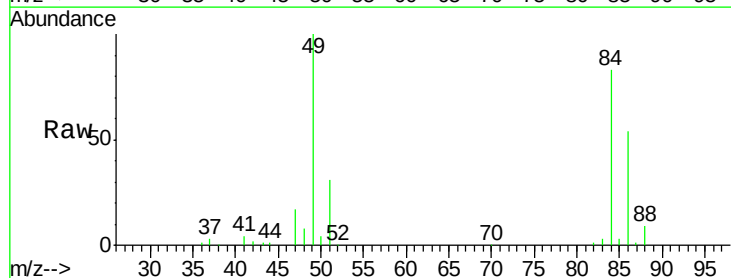
Tot Ion: 59 Resp: 176
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.9 11.9#

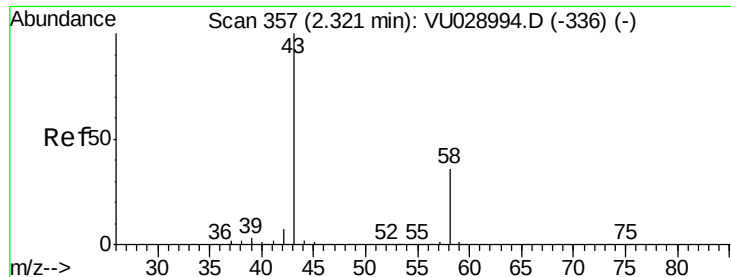


#14

Allyl chloride
 Concen: 1.137 ug/l
 RT: 2.70 min Scan# 474
 Delta R.T. 0.11 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Tgt Ion: 41 Resp: 2364
 Ion Ratio Lower Upper
 41 100
 39 0.0 45.0 67.6#
 76 0.0 28.1 42.1#





#16

Acetone

Concen: 6.188 ug/l

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

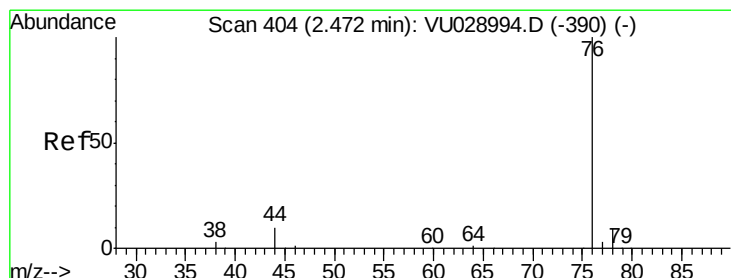
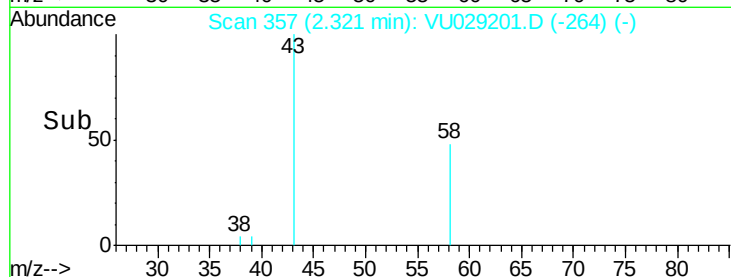
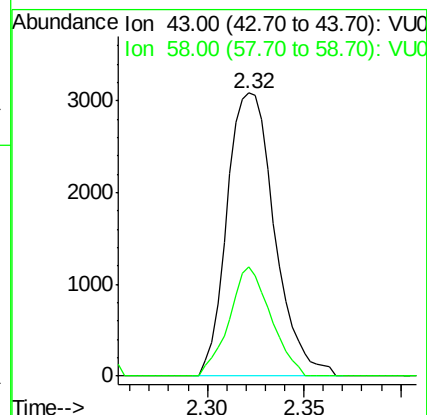
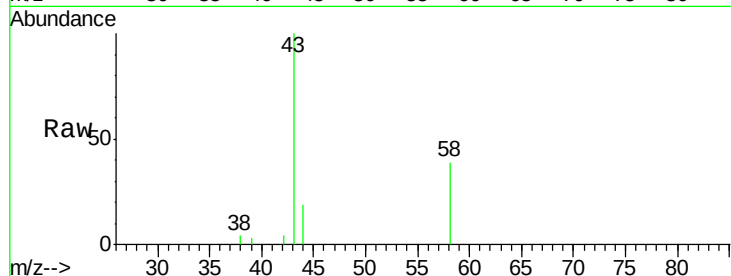
TP-3

Tot Ion: 43 Resp: 5267

Ion Ratio Lower Upper

43 100

58 38.5 28.6 42.8



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.48 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU029201.D

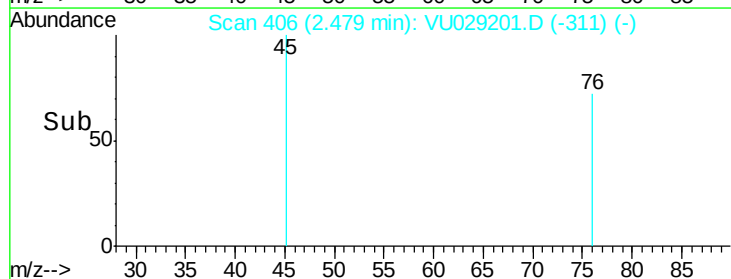
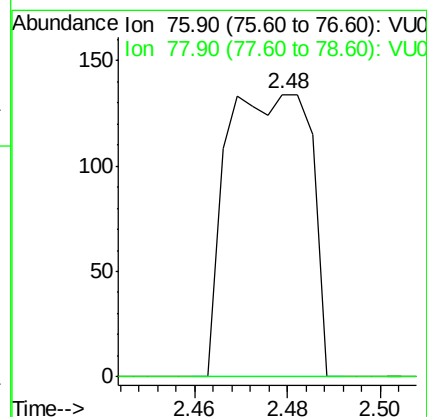
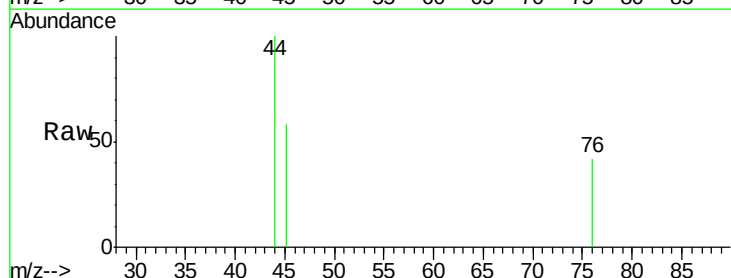
Acq: 16 Jan 2019 11:52

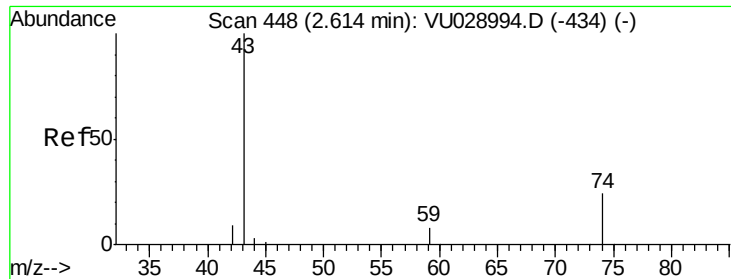
Tgt Ion: 76 Resp: 169

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#

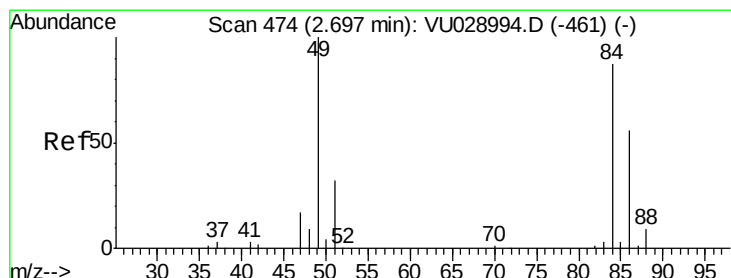
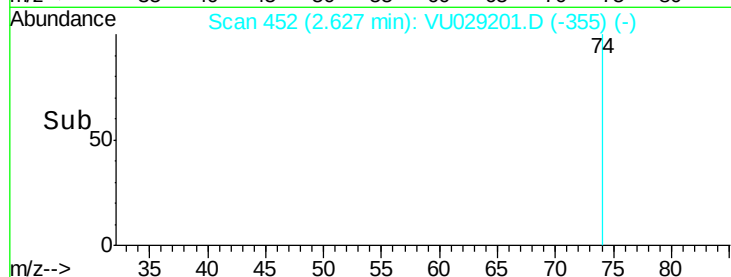
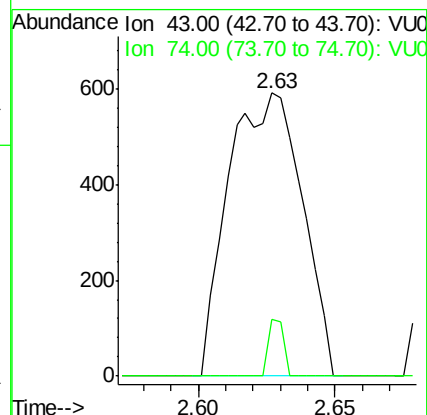
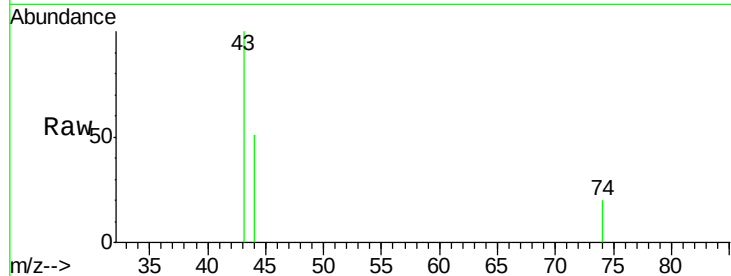




#18
Methyl Acetate
Concen: 0.561 ug/l
RT: 2.63 min Scan# 452
Delta R.T. 0.01 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

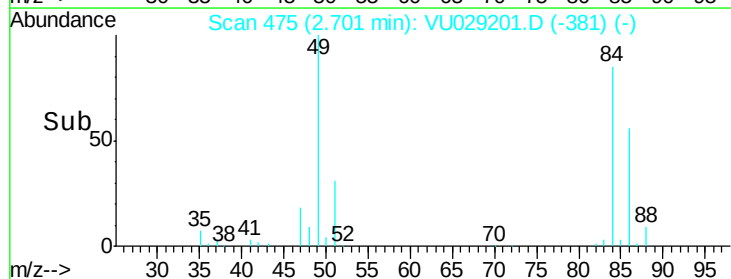
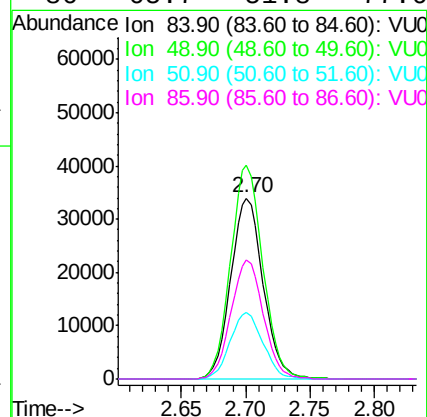
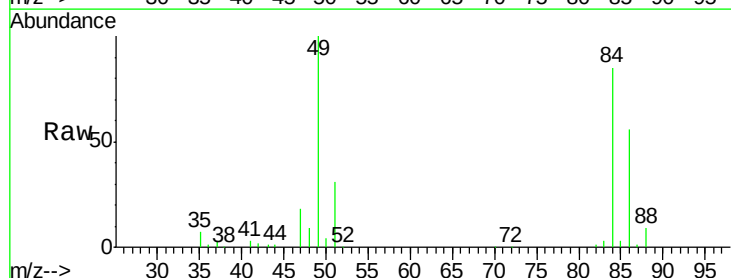
Instrument :
MSVOA_U
ClientSampleId :
TP-3

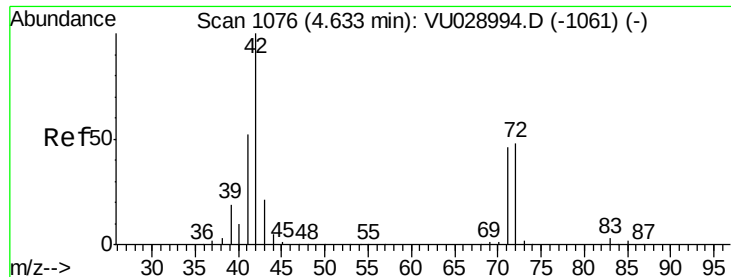
Tot Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
74 4.1 19.5 29.3#



#20
Methylene Chloride
Concen: 41.028 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion: 84 Resp: 59290
Ion Ratio Lower Upper
84 100
49 118.0 91.9 137.9
51 36.5 29.2 43.8
86 65.7 51.8 77.6





#29

Tetrahydrofuran

Concen: 0.554 ug/l

RT: 4.66 min Scan# 1085

Delta R.T. 0.03 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

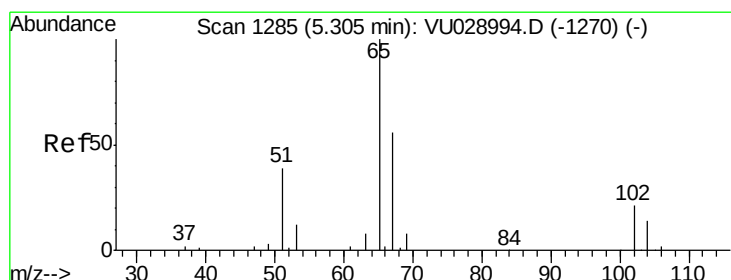
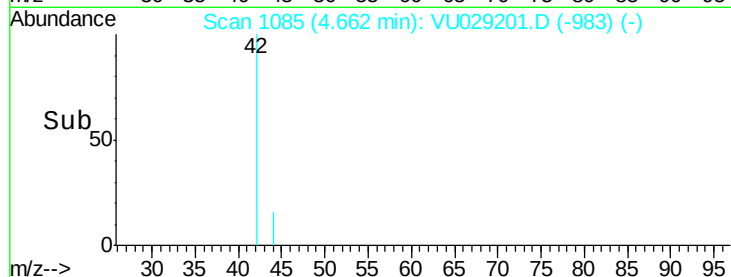
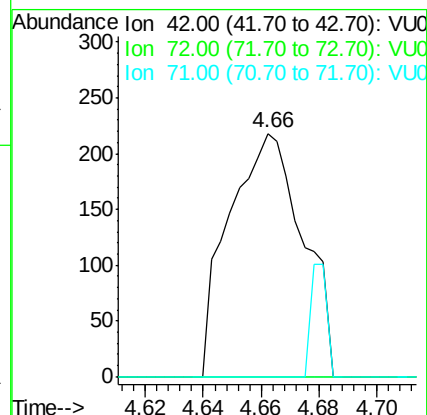
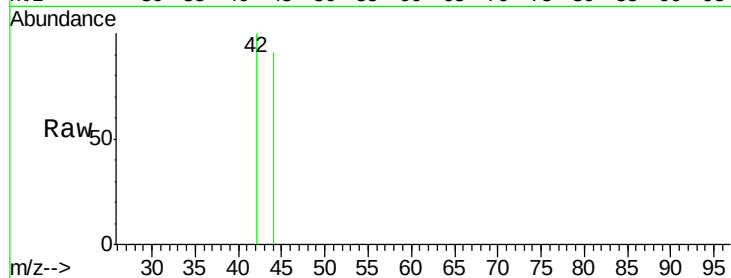
Tot Ion: 42 Resp: 386

Ion Ratio Lower Upper

42 100

72 0.0 38.3 57.5#

71 10.1 36.1 54.1#



#33

1,2-Dichloroethane-d4

Concen: 56.664 ug/l

RT: 5.31 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VU029201.D

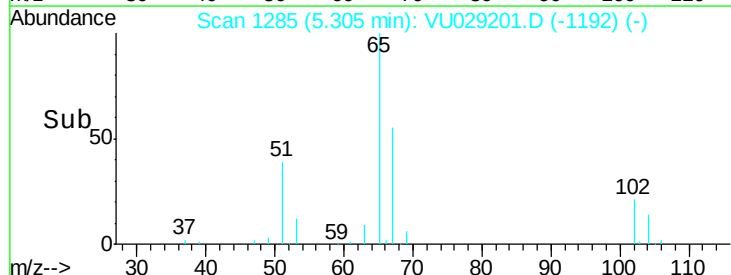
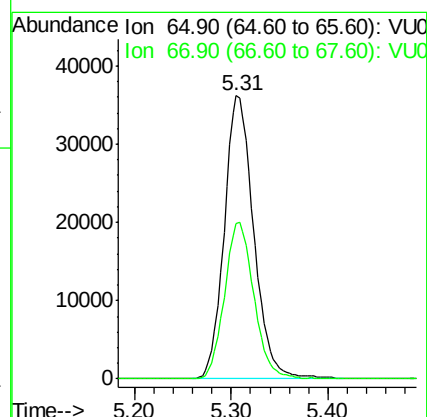
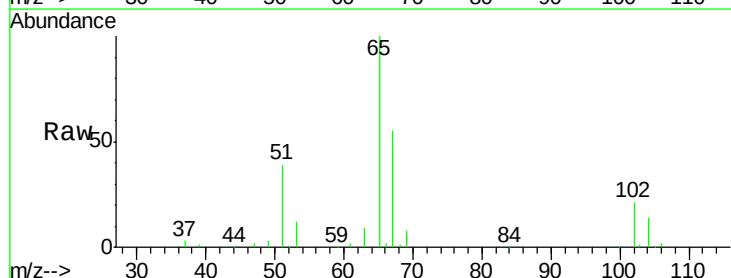
Acq: 16 Jan 2019 11:52

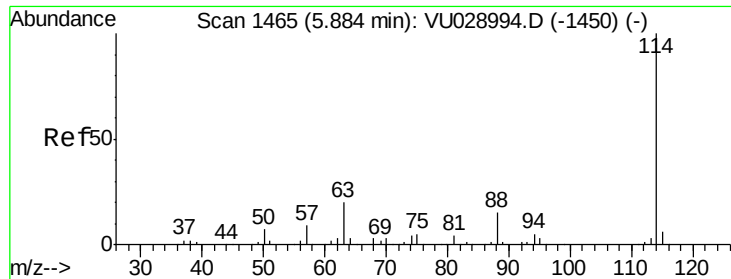
Tgt Ion: 65 Resp: 76559

Ion Ratio Lower Upper

65 100

67 55.0 0.0 111.0

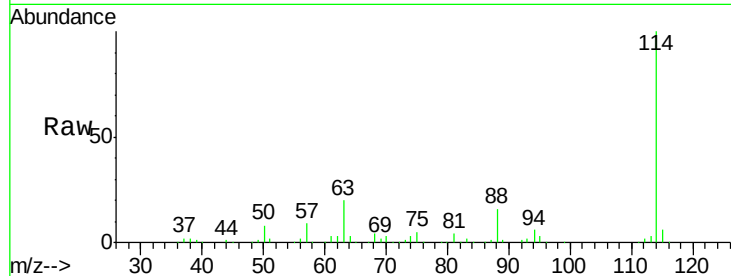




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

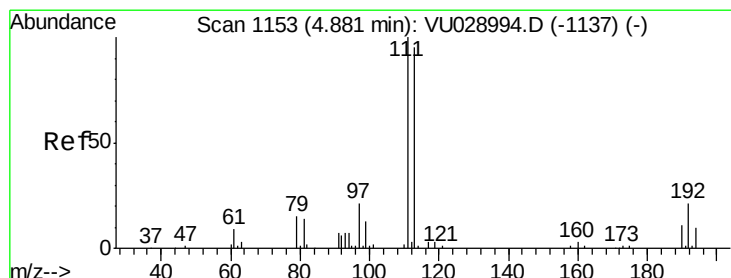
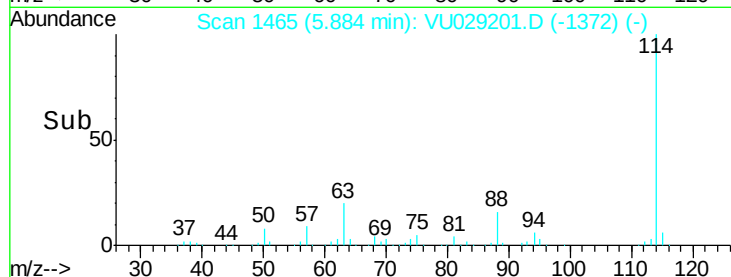
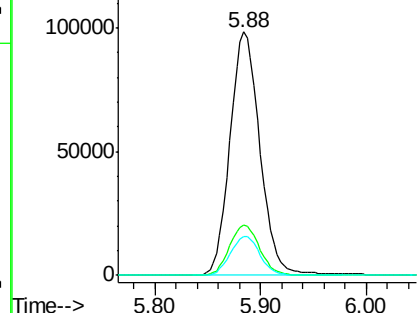
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	16.1	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

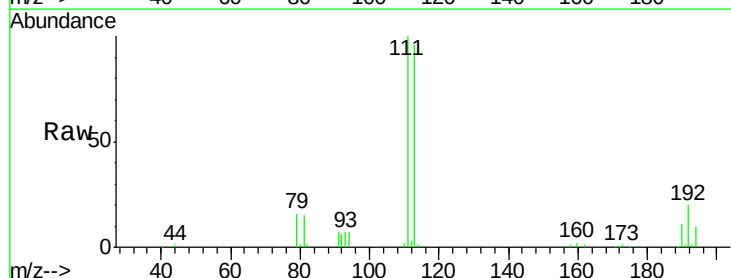
Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35
 Dibromofluoromethane
 Concen: 53.147 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

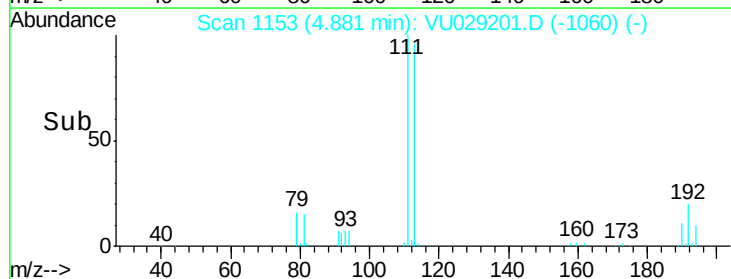
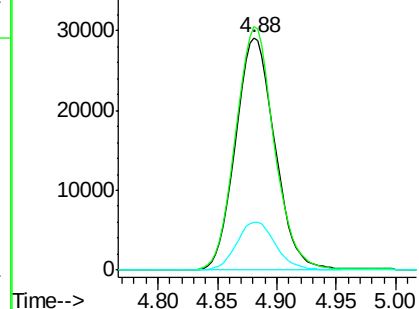
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.2
192	20.5	16.8	25.2

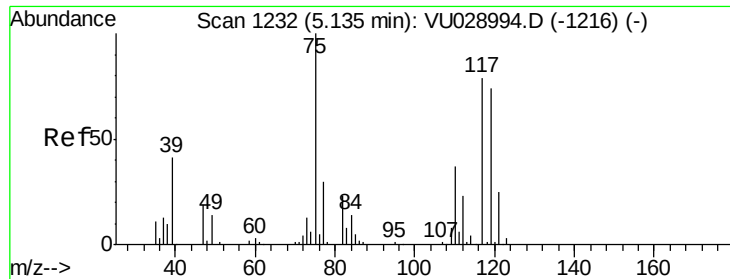


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

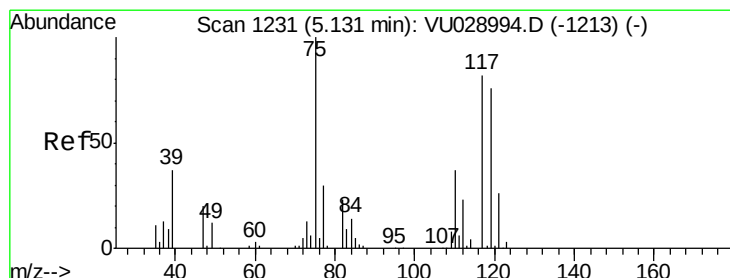
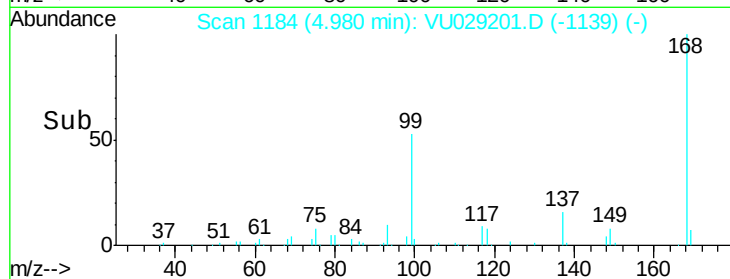
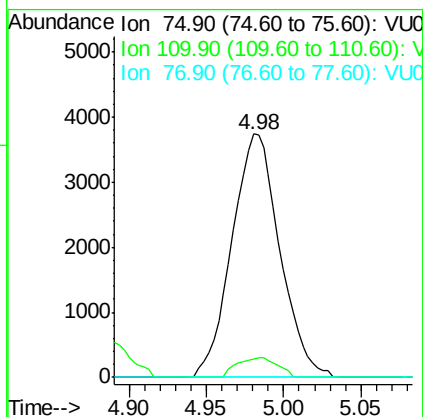
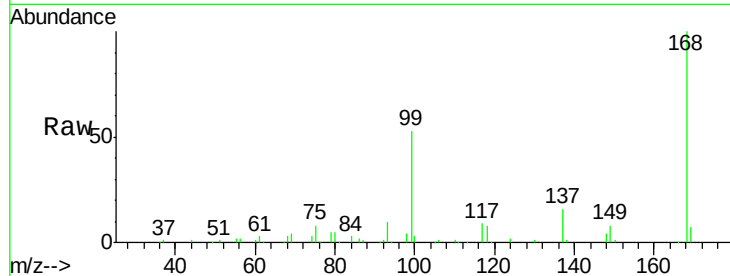




#36
 1,1-Dichloropropene
 Concen: 4.156 ug/l
 RT: 4.98 min Scan# 1184
 Delta R.T. -0.15 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

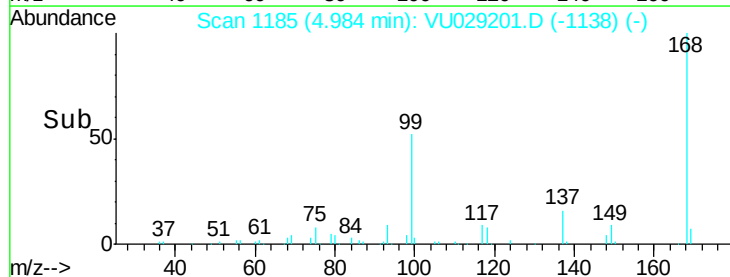
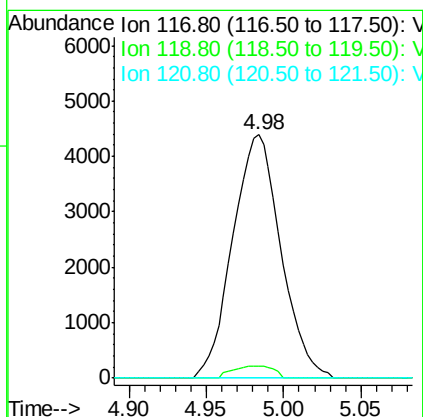
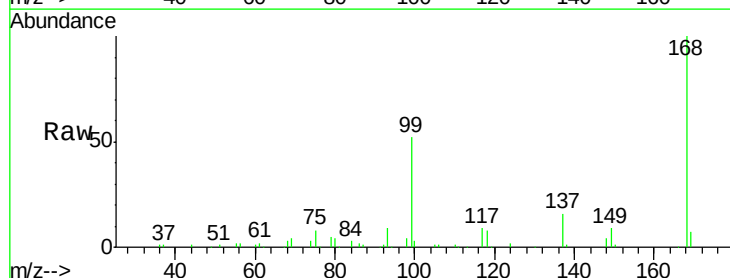
Instrument :
 MSVOA_U
 ClientSampled :
 TP-3

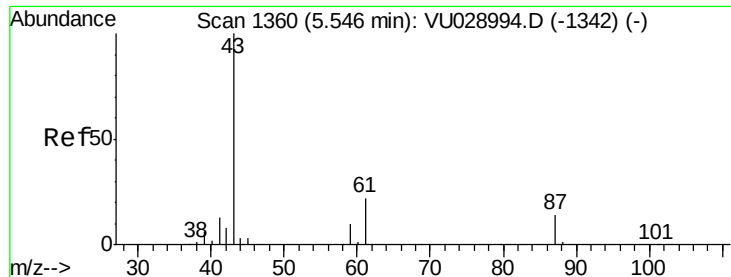
Tot Ion: 75 Resp: 8043
 Ion Ratio Lower Upper
 75 100
 110 6.8 18.4 55.4#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.894 ug/l
 RT: 4.98 min Scan# 1185
 Delta R.T. -0.15 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Tgt Ion: 117 Resp: 9515
 Ion Ratio Lower Upper
 117 100
 119 4.9 74.6 111.8#
 121 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 2.046 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.01 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

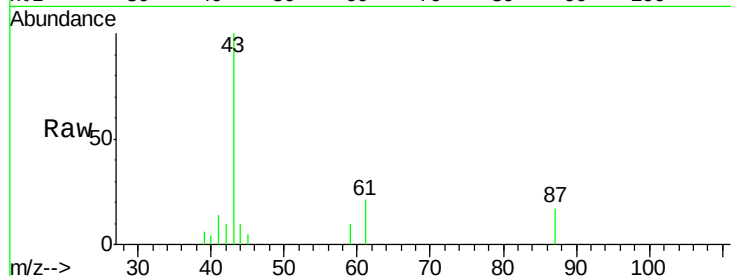
Tot Ion: 43 Resp: 6669

Ion Ratio Lower Upper

43 100

61 20.4 17.8 26.6

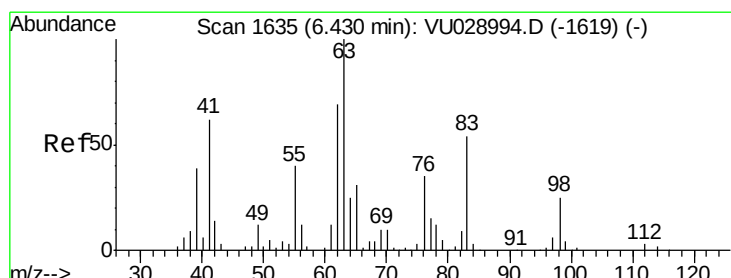
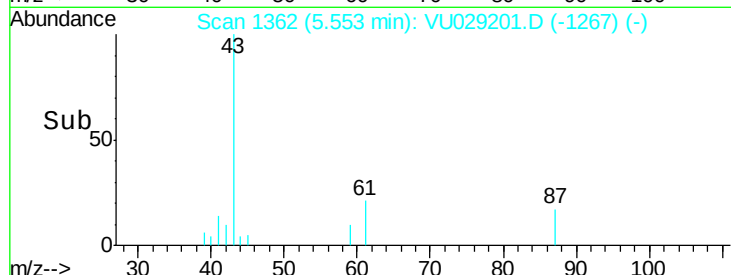
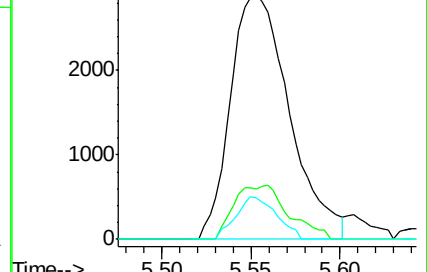
87 12.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029201.D (-1267) (-)

Ion 61.00 (60.70 to 61.70): VU029201.D (-1267) (-)

Ion 87.00 (86.70 to 87.70): VU029201.D (-1267) (-)



#45

1,2-Dichloropropane

Concen: 0.347 ug/l

RT: 6.71 min Scan# 1721

Delta R.T. 0.28 min

Lab File: VU029201.D

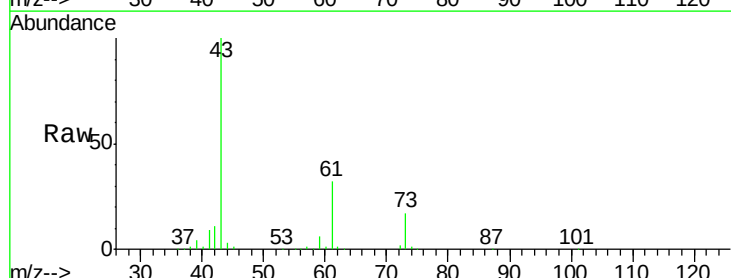
Acq: 16 Jan 2019 11:52

Tgt Ion: 63 Resp: 553

Ion Ratio Lower Upper

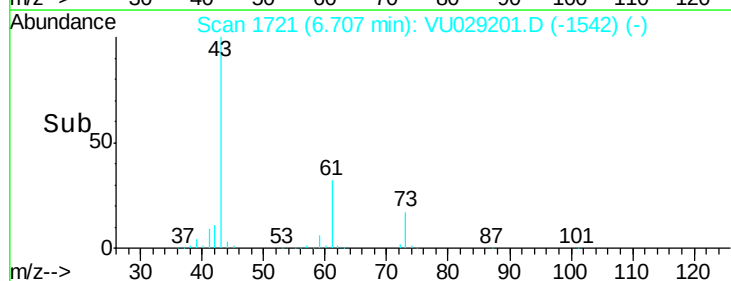
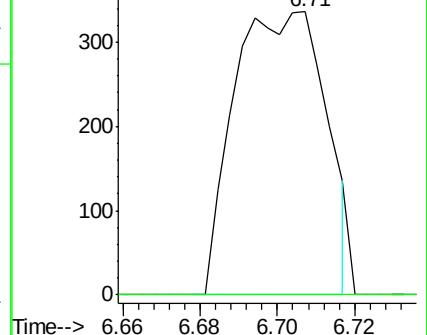
63 100

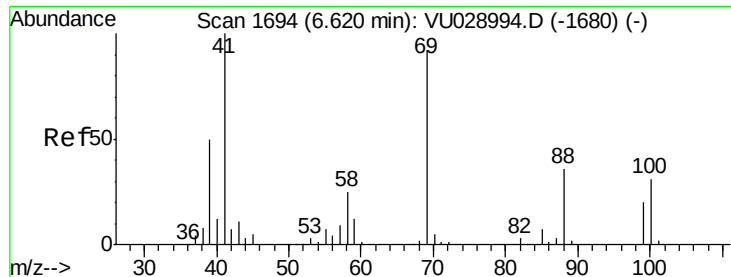
65 0.0 25.1 37.7#



Abundance Ion 62.90 (62.60 to 63.60): VU029201.D (-1542) (-)

Ion 64.90 (64.60 to 65.60): VU029201.D (-1542) (-)





#48

Methvl methacrylate

Concen: 2.203 ug/l

RT: 6.54 min Scan# 1669

Delta R.T. -0.08 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

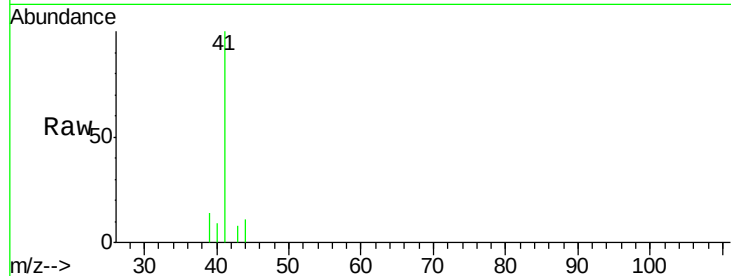
Tot Ion: 41 Resp: 3496

Ion Ratio Lower Upper

41 100

69 0.0 73.6 110.4#

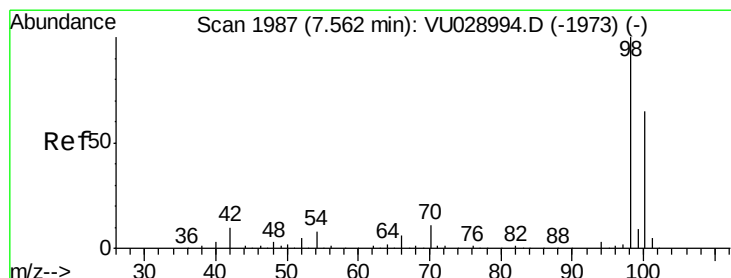
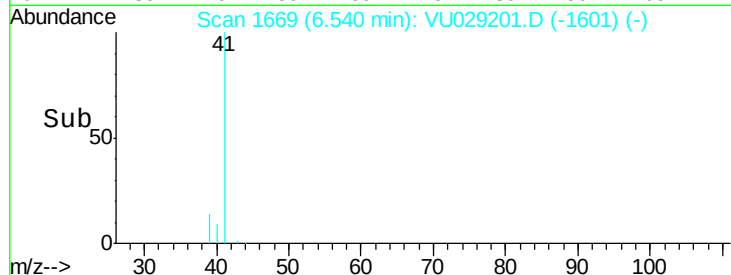
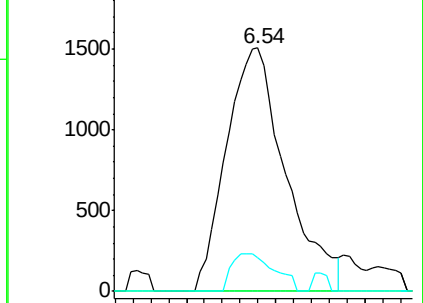
39 0.0 39.6 59.4#



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: 51.246 ug/l

RT: 7.56 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VU029201.D

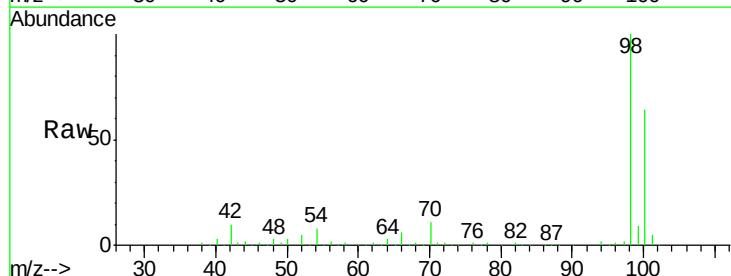
Acq: 16 Jan 2019 11:52

Tgt Ion: 98 Resp: 253942

Ion Ratio Lower Upper

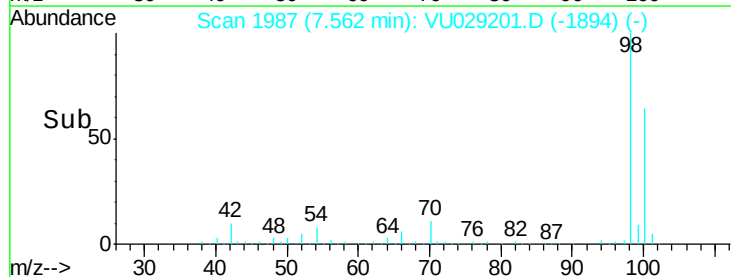
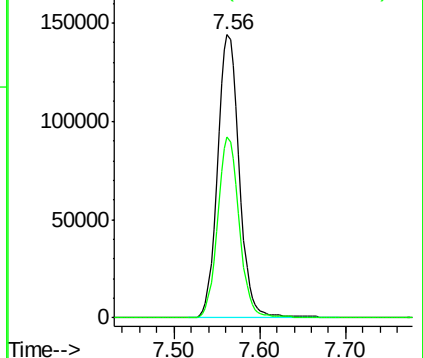
98 100

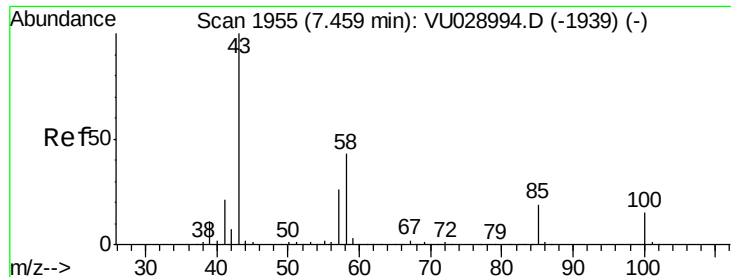
100 63.4 51.6 77.4



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: 14.958 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. -0.04 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampled :

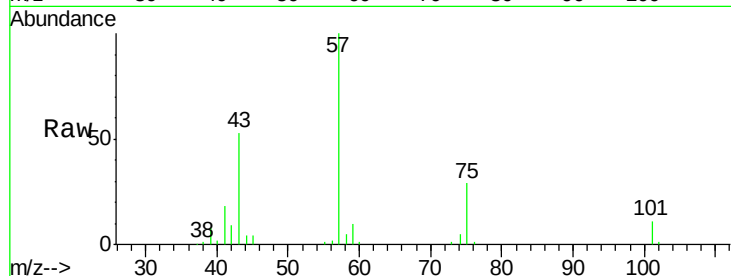
TP-3

Tot Ion: 43 Resp: 33175

Ion Ratio Lower Upper

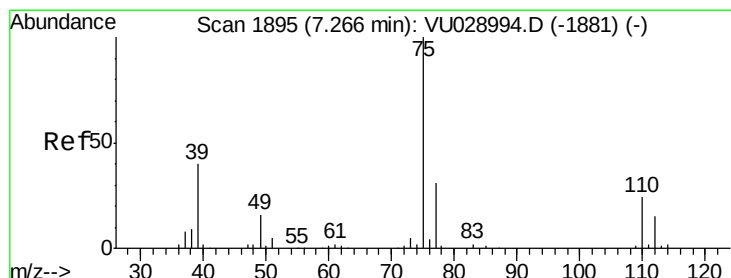
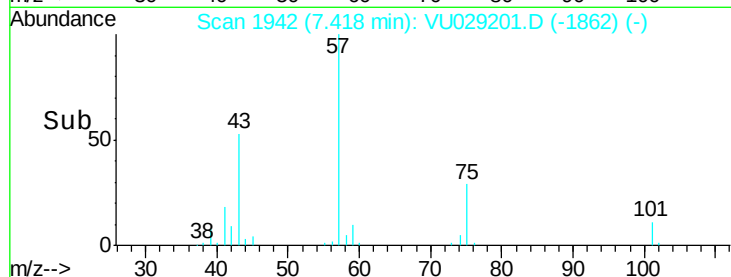
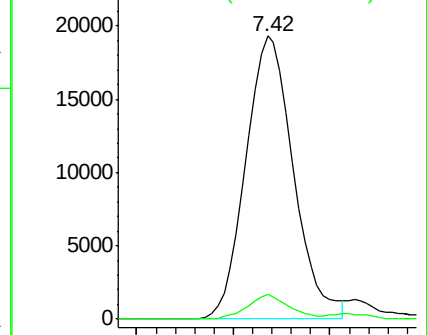
43 100

58 7.7 33.9 50.9#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#54

cis-1,3-Dichloropropene

Concen: 7.305 ug/l

RT: 7.42 min Scan# 1942

Delta R.T. 0.15 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

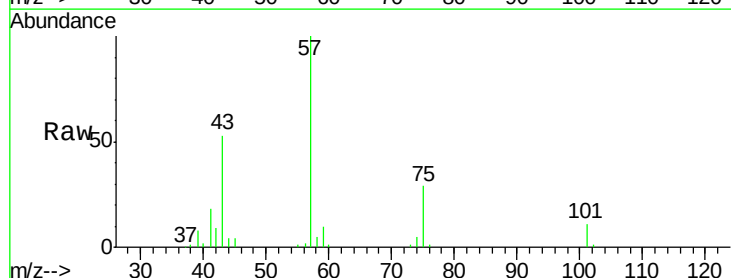
Tgt Ion: 75 Resp: 17794

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.6#

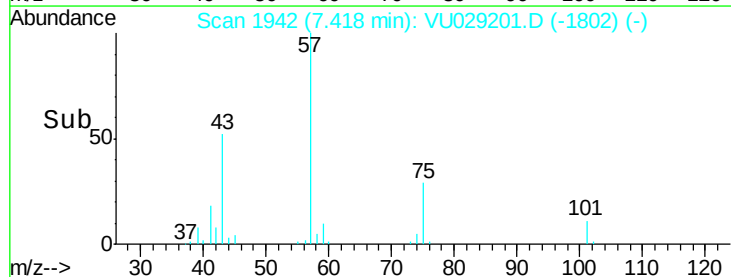
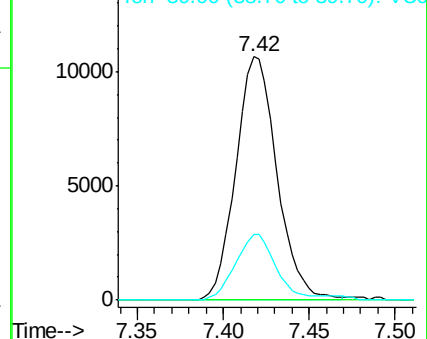
39 26.8 32.2 48.4#

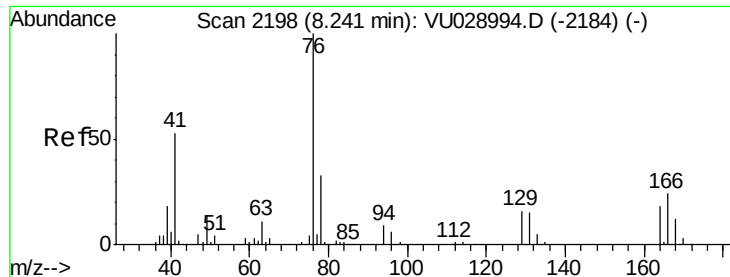


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 76.90 (76.60 to 77.60): VU0

Ion 39.00 (38.70 to 39.70): VU0





#57

1,3-Dichloropropane

Concen: 1.633 ug/l

RT: 8.41 min Scan# 2252

Delta R.T. 0.17 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampled :

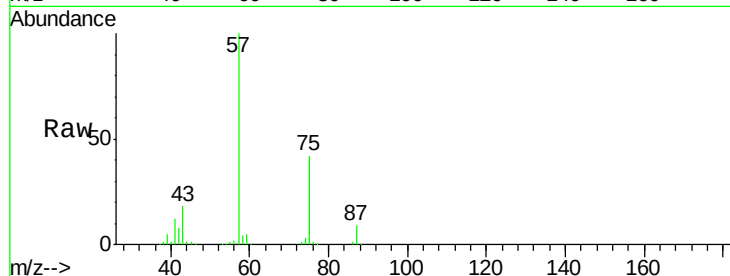
TP-3

Tot Ion: 76 Resp: 4114

Ion Ratio Lower Upper

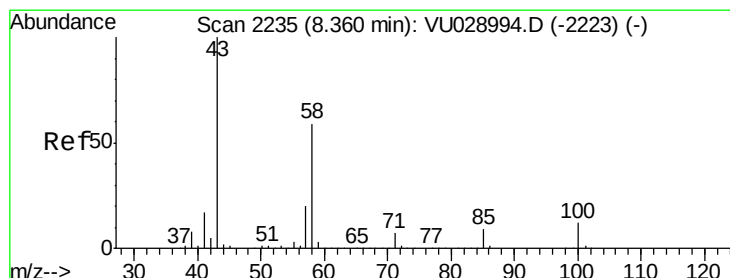
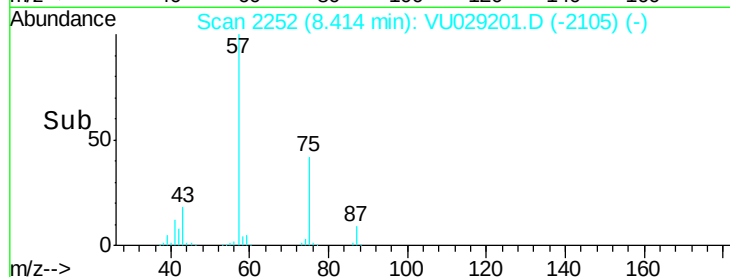
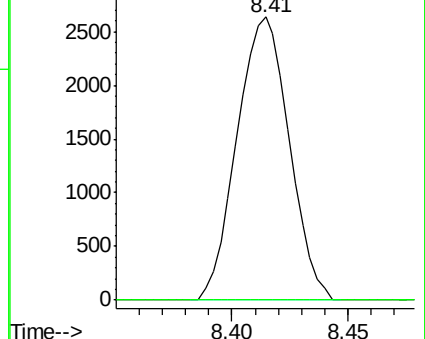
76 100

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: 3.296 ug/l

RT: 8.31 min Scan# 2220

Delta R.T. -0.05 min

Lab File: VU029201.D

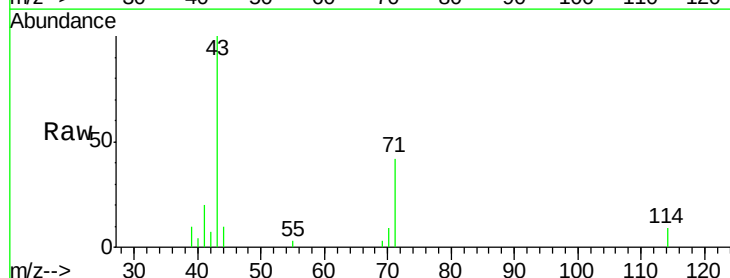
Acq: 16 Jan 2019 11:52

Tgt Ion: 43 Resp: 5738

Ion Ratio Lower Upper

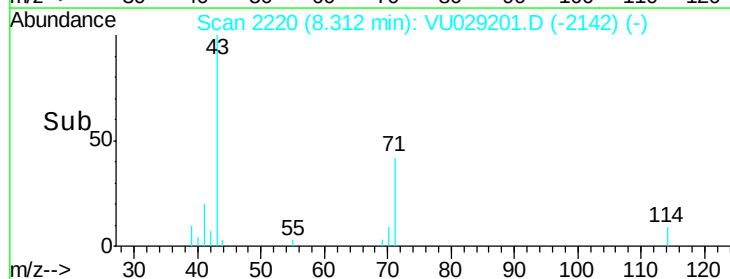
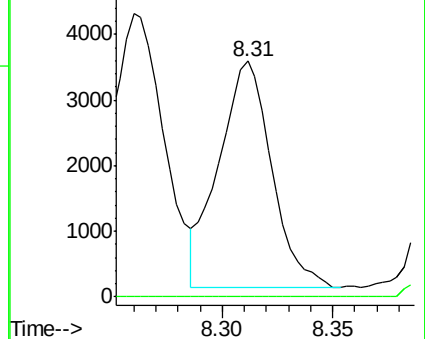
43 100

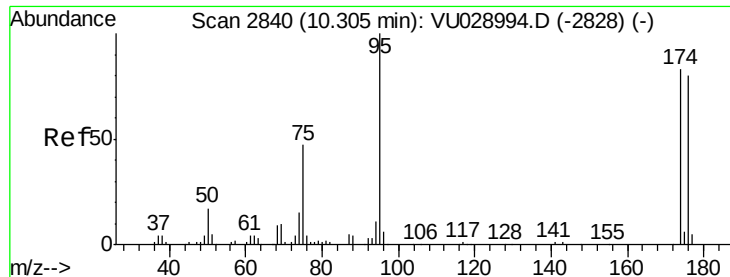
58 0.0 29.8 89.4#



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#62

4-Bromofluorobenzene

Concen: 44.764 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

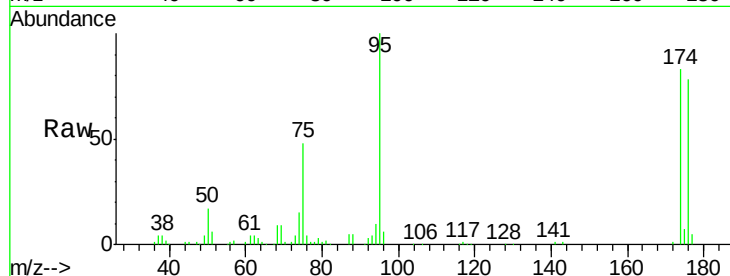
Tot Ion: 95 Resp: 79719

Ion Ratio Lower Upper

95 100

174 84.2 0.0 170.6

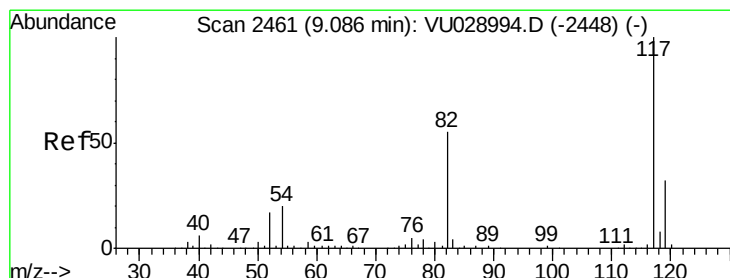
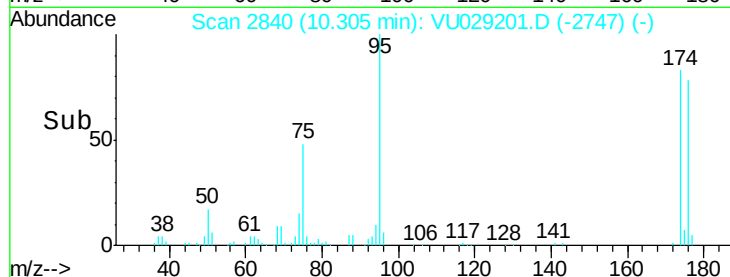
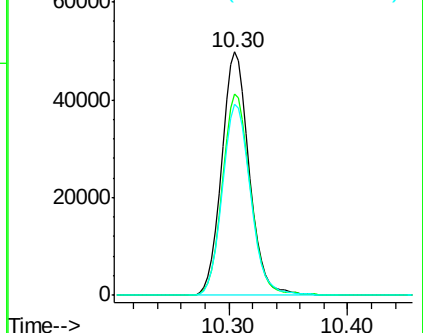
176 80.5 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU028994.D (-2828) (-)

Ion 173.80 (173.50 to 174.50): VU028994.D (-2828) (-)

Ion 175.80 (175.50 to 176.50): VU028994.D (-2828) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.09 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

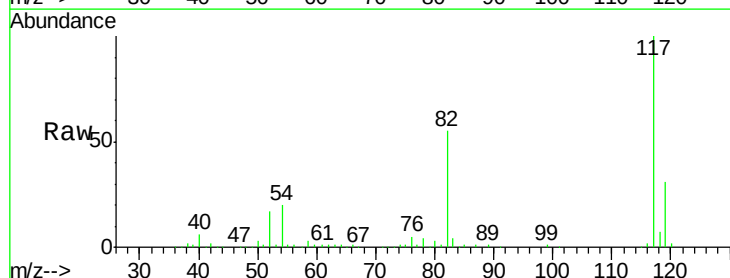
Tgt Ion: 117 Resp: 184022

Ion Ratio Lower Upper

117 100

82 54.5 43.9 65.9

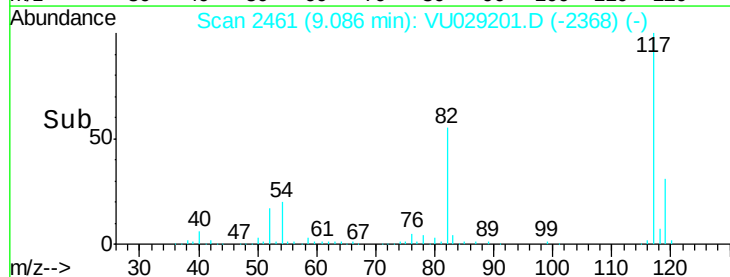
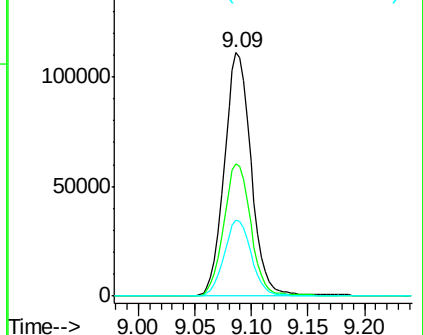
119 31.2 26.0 39.0

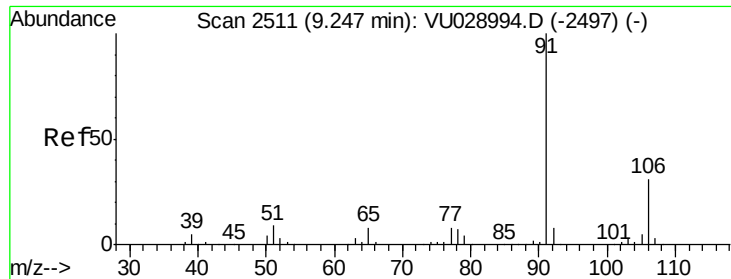


Abundance Ion 116.90 (116.60 to 117.60): VU028994.D (-2448) (-)

Ion 82.00 (81.70 to 82.70): VU028994.D (-2448) (-)

Ion 118.90 (118.60 to 119.60): VU028994.D (-2448) (-)

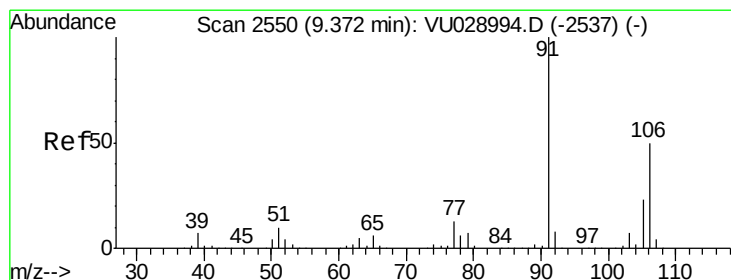
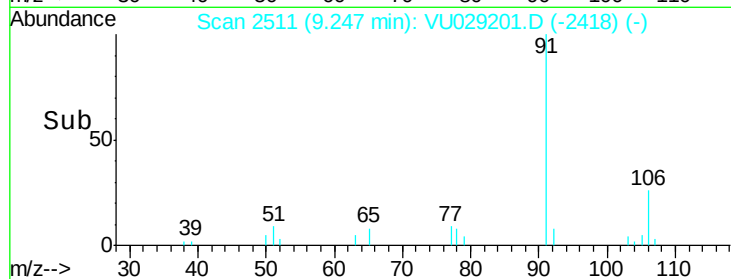
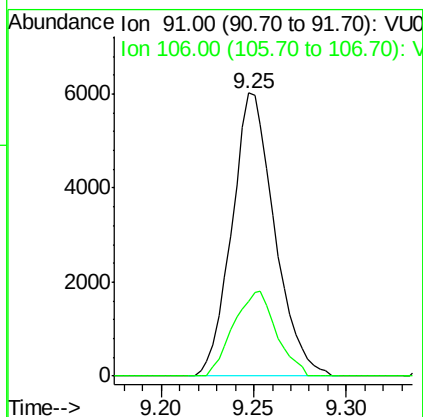
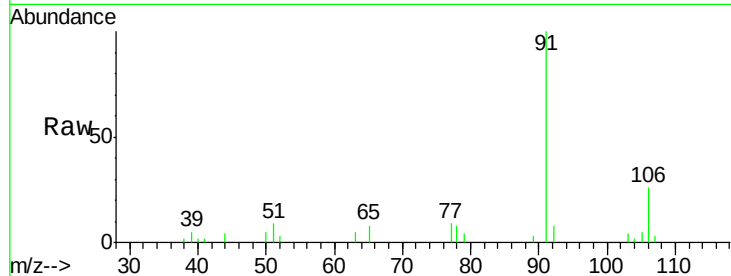




#67
Ethyl Benzene
Concen: 1.402 ug/l
RT: 9.25 min Scan# 2511
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

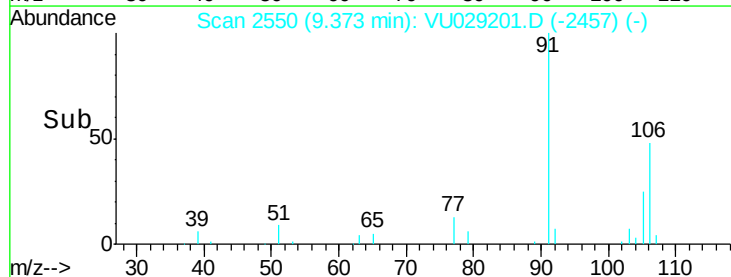
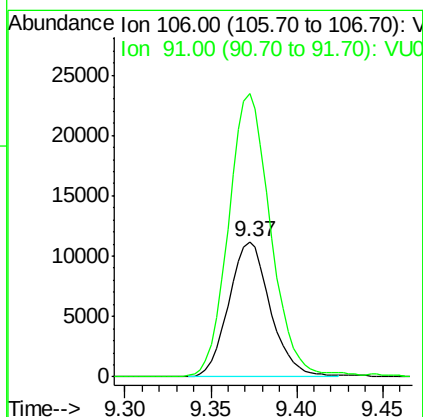
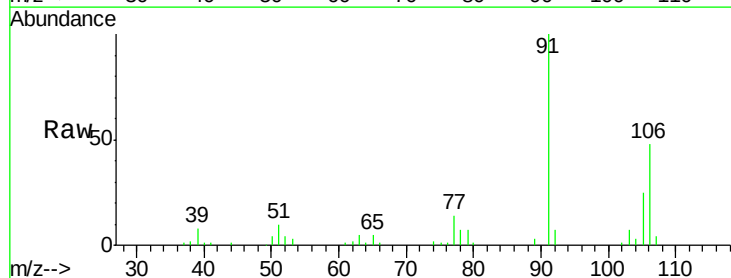
Instrument :
MSVOA_U
ClientSampleId :
TP-3

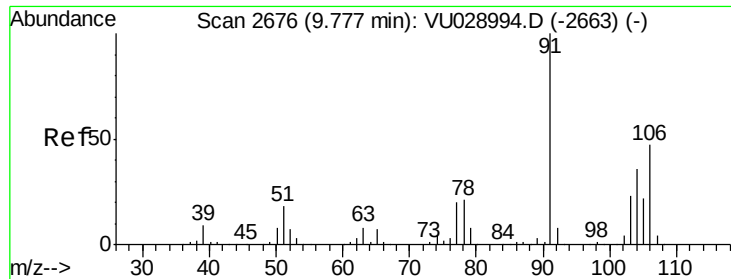
Tot Ion: 91 Resp: 9652
Ion Ratio Lower Upper
91 100
106 26.3 25.0 37.4



#68
m/p-Xylenes
Concen: 7.060 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion: 106 Resp: 18892
Ion Ratio Lower Upper
106 100
91 210.3 161.7 242.5

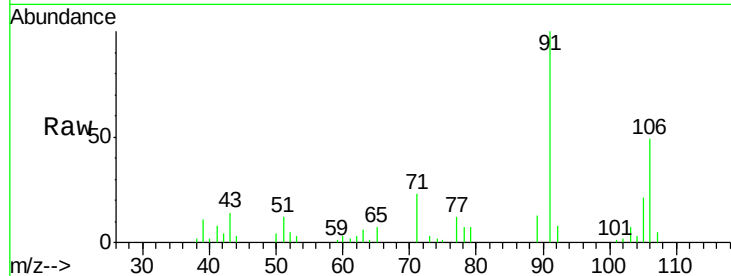




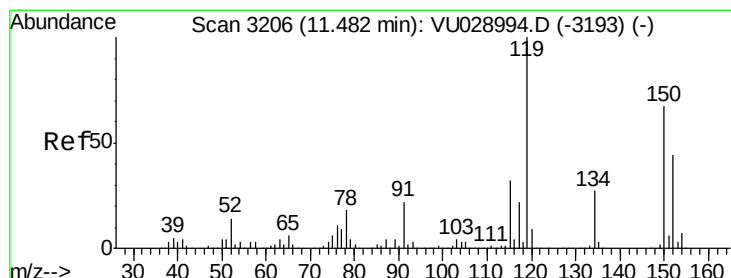
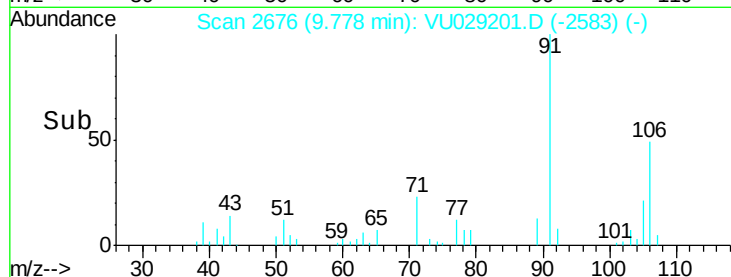
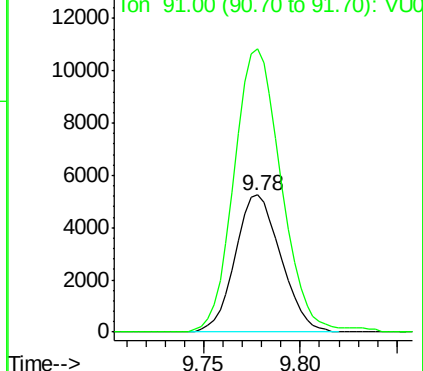
#69
o-Xylene
Concen: 3.354 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Instrument :
MSVOA_U
ClientSampled :
TP-3

Tot Ion:106 Resp: 8648
Ion Ratio Lower Upper
106 100
91 213.3 106.1 318.3

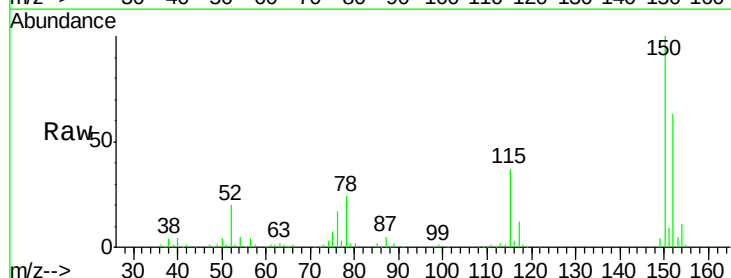


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

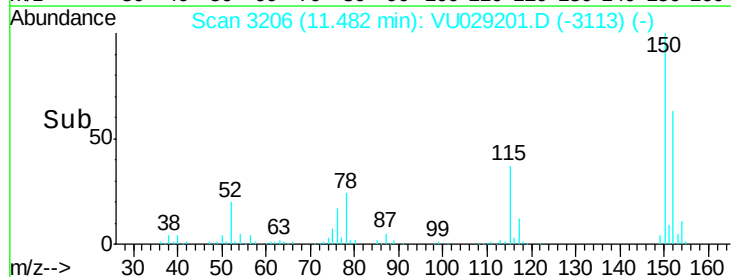
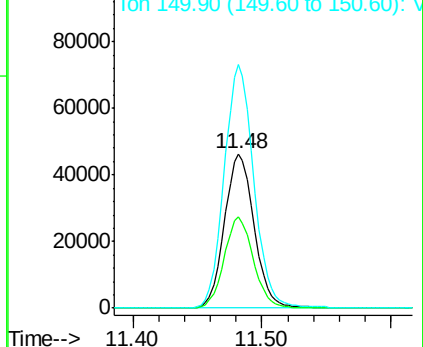


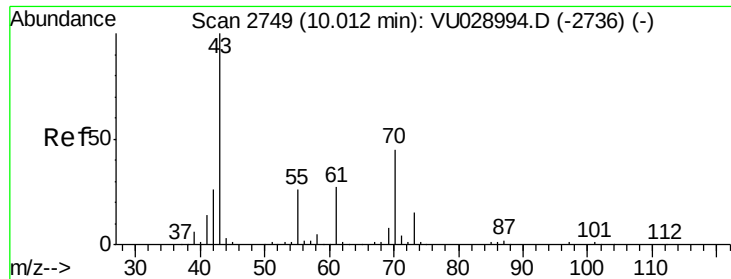
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3206
Delta R.T. 0.00 min
Lab File: VU029201.D
Acq: 16 Jan 2019 11:52

Tgt Ion:152 Resp: 73856
Ion Ratio Lower Upper
152 100
115 57.8 40.1 120.3
150 157.5 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-amvl acetate

Concen: 2.218 ug/l

RT: 9.76 min Scan# 2672

Delta R.T. -0.25 min

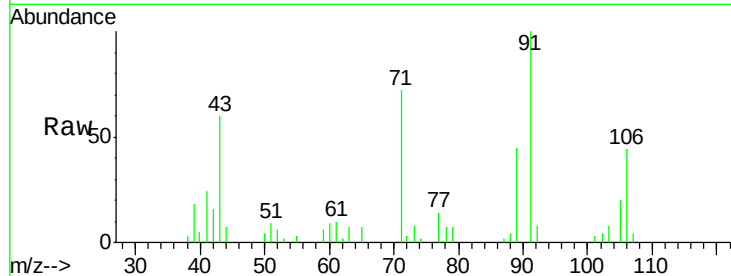
Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

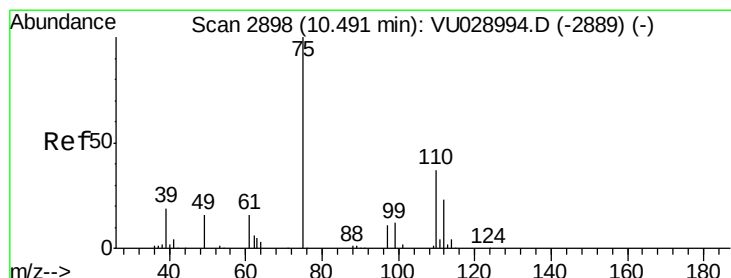
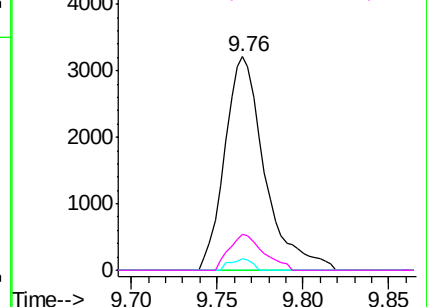
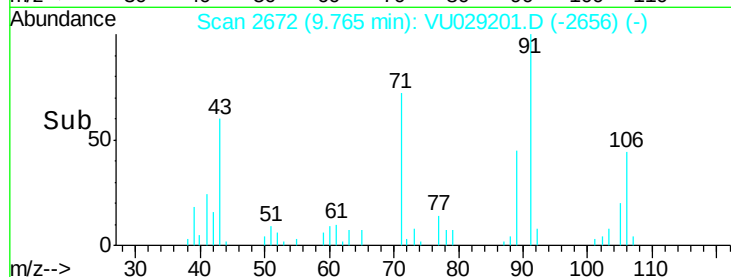
Instrument :
MSVOA_U
ClientSampleId :
TP-3

Tot Ion: 43 Resp: 5225

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.3	54.5#
55	3.0	20.5	30.7#
61	14.3	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: 21.400 ug/l

RT: 10.30 min Scan# 2840

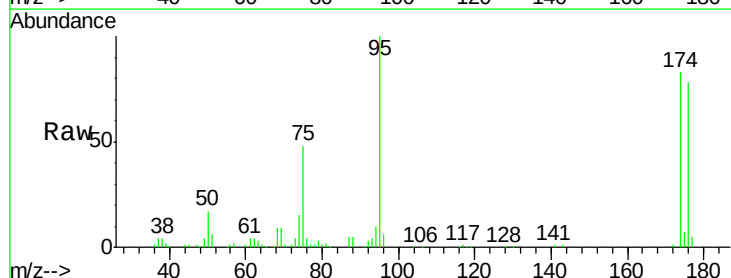
Delta R.T. -0.19 min

Lab File: VU029201.D

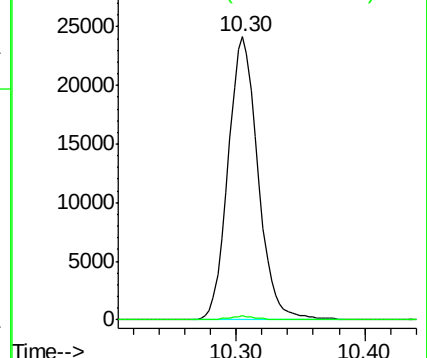
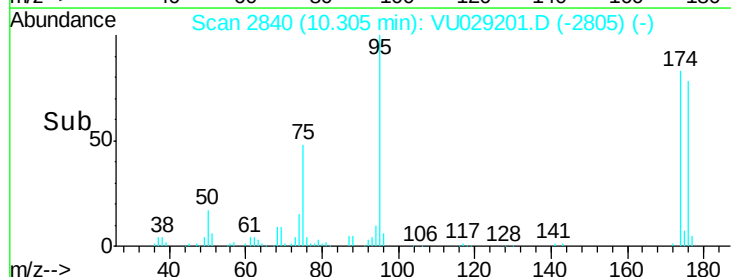
Acq: 16 Jan 2019 11:52

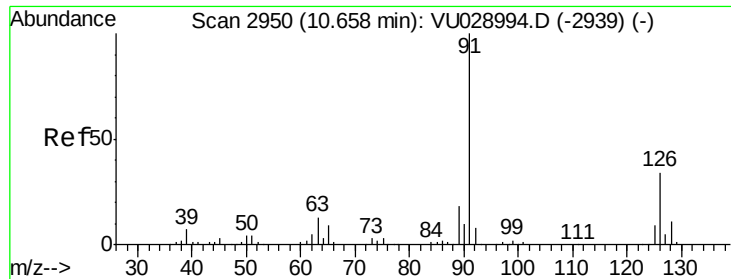
Tgt Ion: 75 Resp: 38726

Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.9	62.8#



Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 77.00 (76.70 to 77.70): VU0





#79

2-Chlorotoluene

Concen: 0.263 ug/l

RT: 10.68 min Scan# 2956

Delta R.T. 0.02 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampled :

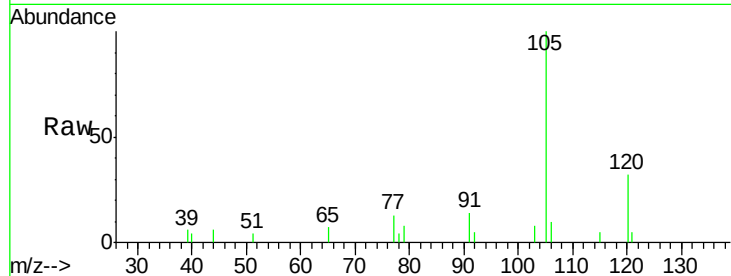
TP-3

Tot Ion: 91 Resp: 1028

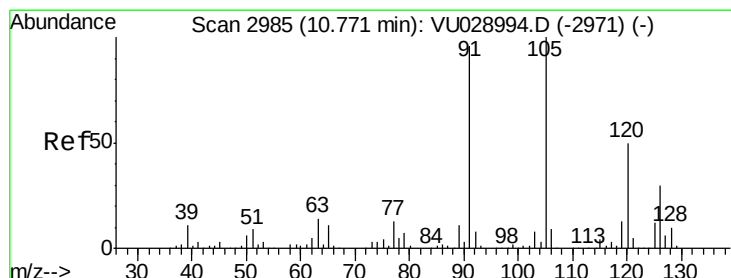
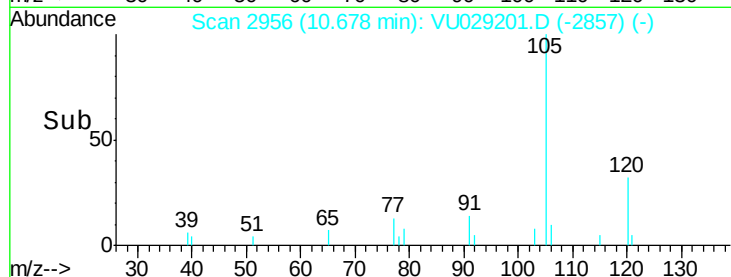
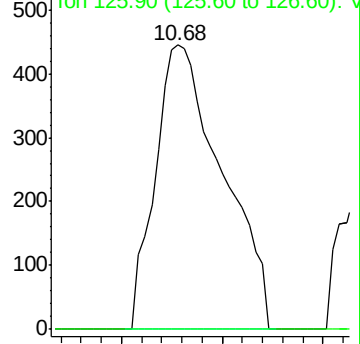
Ion Ratio Lower Upper

91 100

126 0.0 16.8 50.4#



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2939) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.866 ug/l

RT: 10.77 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU029201.D

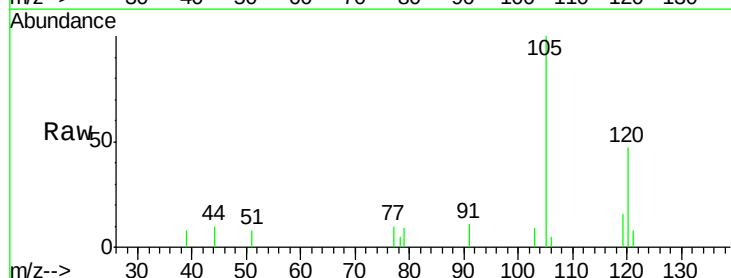
Acq: 16 Jan 2019 11:52

Tgt Ion: 105 Resp: 3952

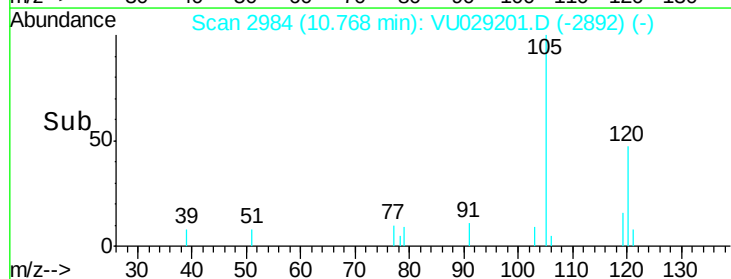
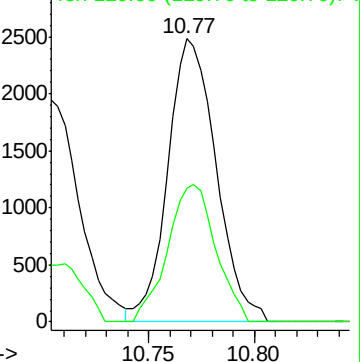
Ion Ratio Lower Upper

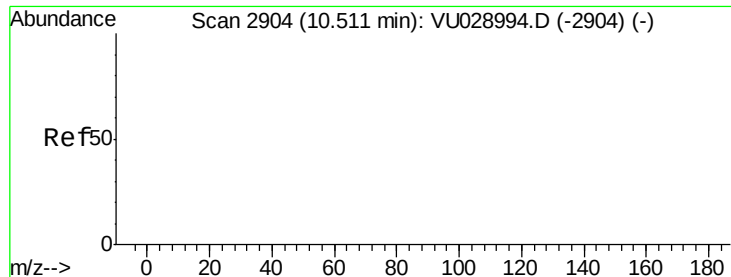
105 100

120 48.3 24.8 74.4



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





#81

trans-1,4-Dichloro-2-butene

Concen: 55.193 ug/l

RT: 10.30 min Scan# 2840

Delta R.T. -0.21 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

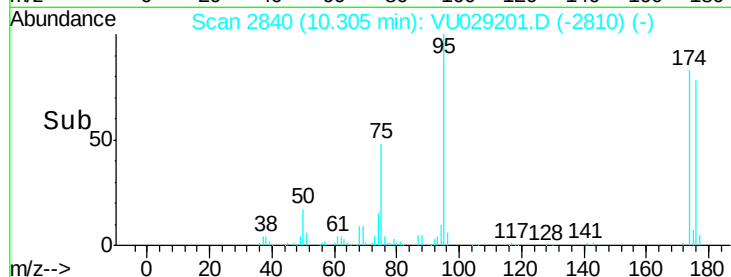
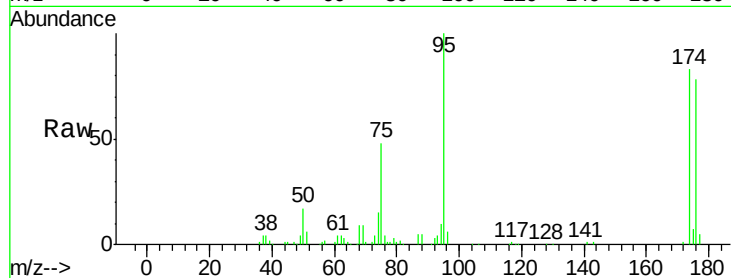
Tot Ion: 75 Resp: 38726

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

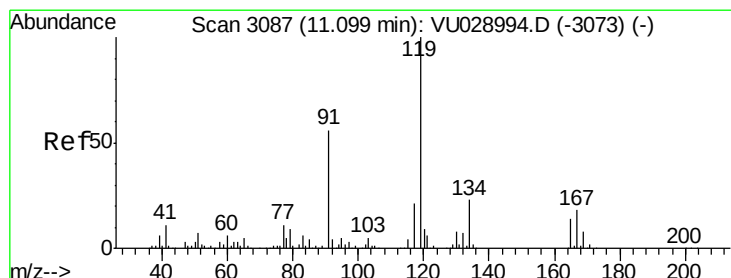
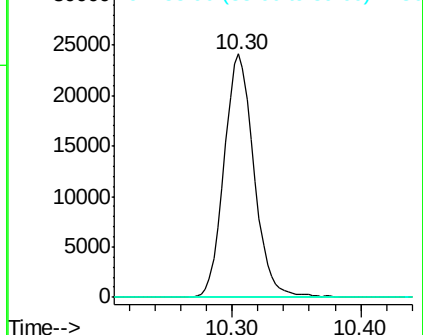
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VU029201.D (-2810) (-)

Ion 53.00 (52.70 to 53.70): VU029201.D (-2810) (-)

Ion 88.90 (88.60 to 89.60): VU029201.D (-2810) (-)



#83

tert-Butylbenzene

Concen: 0.371 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.05 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

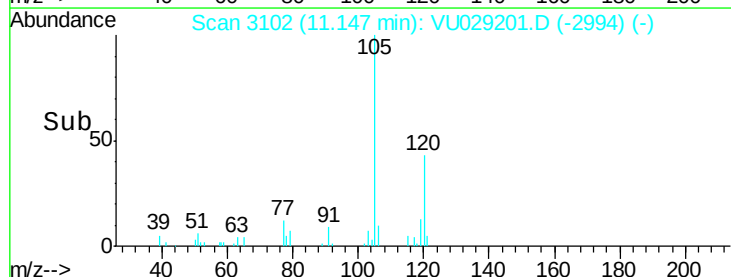
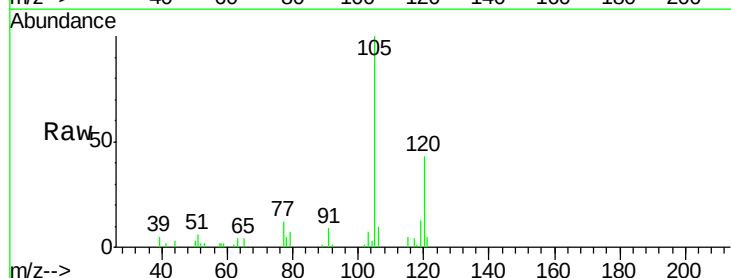
Tgt Ion: 119 Resp: 1670

Ion Ratio Lower Upper

119 100

91 80.5 28.2 84.6

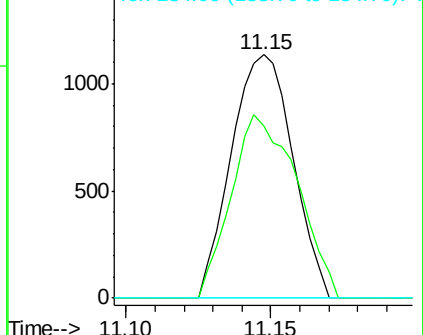
134 0.0 11.3 33.8#

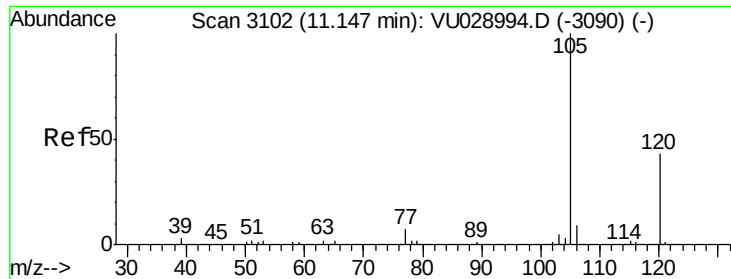


Abundance Ion 119.00 (118.70 to 119.70): VU029201.D (-2994) (-)

Ion 91.00 (90.70 to 91.70): VU029201.D (-2994) (-)

Ion 134.00 (133.70 to 134.70): VU029201.D (-2994) (-)

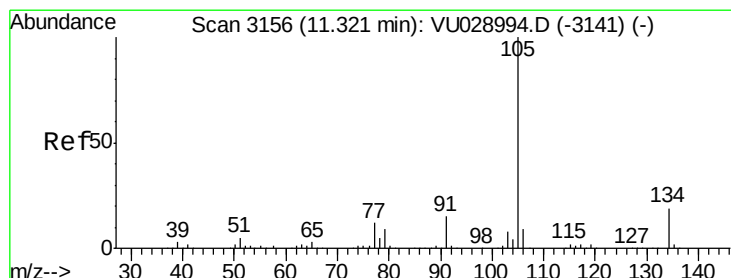
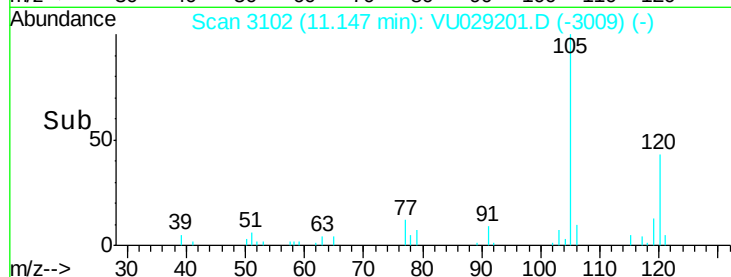
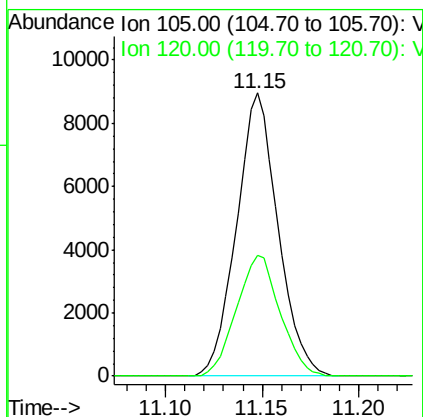
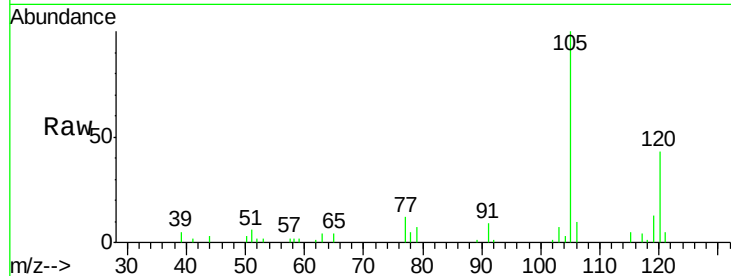




#84
 1,2,4-Trimethylbenzene
 Concen: 2.933 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. 0.00 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

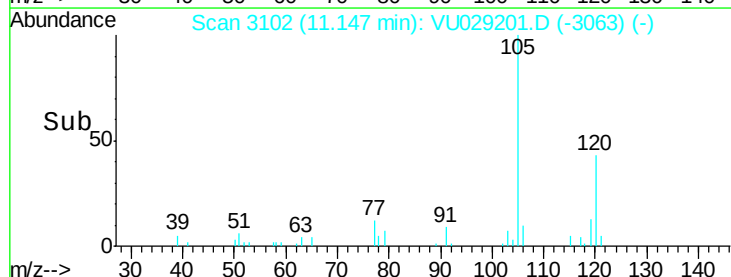
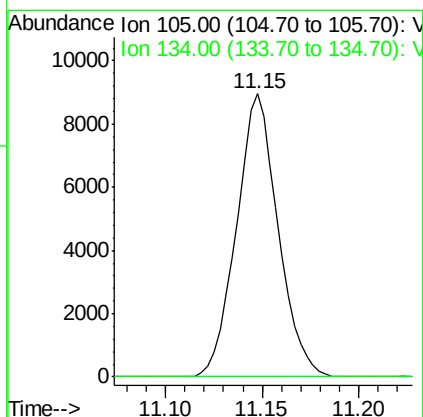
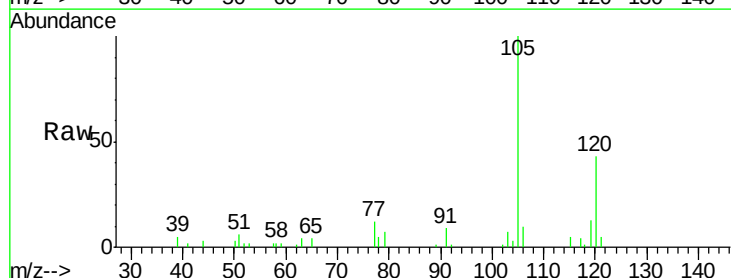
Instrument :
 MSVOA_U
 ClientSampleId :
 TP-3

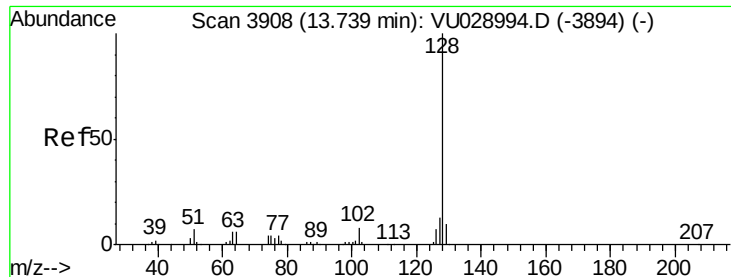
Tot Ion:105 Resp: 13366
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 2.456 ug/l
 RT: 11.15 min Scan# 3102
 Delta R.T. -0.17 min
 Lab File: VU029201.D
 Acq: 16 Jan 2019 11:52

Tgt Ion:105 Resp: 13366
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#





#95

Naphthalene

Concen: 0.472 ug/l

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU029201.D

Acq: 16 Jan 2019 11:52

Instrument :

MSVOA_U

ClientSampleId :

TP-3

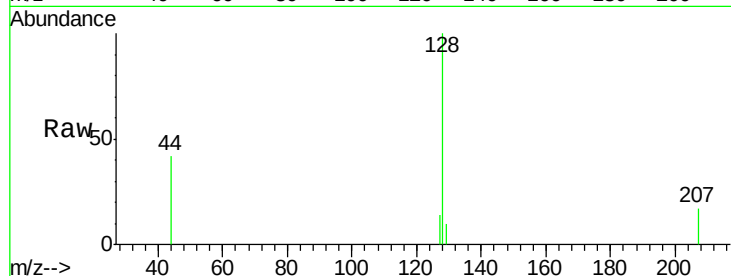
Tot Ion:128 Resp: 2695

Ion Ratio Lower Upper

128 100

127 7.1 10.1 15.1#

129 3.5 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

