

Data File : VU029238.D
Acq On : 21 Jan 2019 10:56
Operator : JC/SP
Sample : VU0121WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Quant Time: Jan 22 01:04:13 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	111900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	181925	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	168442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	70708	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	69999	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
35) Dibromofluoromethane	4.88	113	60909	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
50) Toluene-d8	7.56	98	232353	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	10.31	95	77498	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.21	85	19416	17.496	ug/l 99
3) Chloromethane	1.33	50	29550	16.211	ug/l 99
4) Vinyl Chloride	1.41	62	29733	18.181	ug/l 99
5) Bromomethane	1.62	94	17191	18.535	ug/l 100
6) Chloroethane	1.70	64	17372	17.834	ug/l 98
7) Trichlorofluoromethane	1.89	101	33115	18.583	ug/l 98
8) Diethyl Ether	2.10	74	15437	18.031	ug/l 88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	21563	18.085	ug/l 97
10) Methyl Iodide	2.41	142	23596	21.047	ug/l 99
11) Tert butyl alcohol	2.82	59	35472	100.883	ug/l 99
12) 1,1-Dichloroethene	2.29	96	20357	17.541	ug/l 92
13) Acrolein	2.20	56	18559	70.292	ug/l 100
14) Allyl chloride	2.59	41	37189	17.464	ug/l 90
15) Acrylonitrile	2.93	53	91605	106.192	ug/l 98
16) Acetone	2.32	43	95648	109.760	ug/l 98
17) Carbon Disulfide	2.48	76	65797	16.750	ug/l 100
18) Methyl Acetate	2.61	43	48013	23.696	ug/l 100
19) Methyl tert-butyl Ether	3.00	73	81110	19.879	ug/l 99
20) Methylene Chloride	2.70	84	27779	18.775	ug/l 97
21) trans-1,2-Dichloroethene	2.98	96	24015	17.810	ug/l 93
22) Diisopropyl ether	3.57	45	86488	20.551	ug/l 94
23) Vinyl Acetate	3.52	43	345874	100.530	ug/l 99
24) 1,1-Dichloroethane	3.45	63	48602	20.005	ug/l 99
25) 2-Butanone	4.26	43	129792	110.275	ug/l 97
26) 2,2-Dichloropropane	4.22	77	39954	20.353	ug/l 99
27) cis-1,2-Dichloroethene	4.23	96	29083	19.721	ug/l 98
28) Bromochloromethane	4.55	49	20971	20.159	ug/l 99
29) Tetrahydrofuran	4.63	42	76269	106.840	ug/l 98
30) Chloroform	4.67	83	47089	20.349	ug/l 97
31) Cyclohexane	5.00	56	43920	18.442	ug/l 90
32) 1,1,1-Trichloroethane	4.91	97	37981	19.864	ug/l 98
36) 1,1-Dichloropropene	5.13	75	34196	18.805	ug/l 98
37) Ethyl Acetate	4.38	43	42118	21.101	ug/l 99
38) Carbon Tetrachloride	5.13	117	30672	20.223	ug/l 93

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Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Quant Time: Jan 22 01:04:13 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)
39) Methylcyclohexane	6.41	83	39928	17.861	ug/l	96
40) Benzene	5.39	78	110884	19.549	ug/l	100
41) Methacrylonitrile	4.54	41	23102	21.622	ug/l	97
42) 1,2-Dichloroethane	5.40	62	35545	20.855	ug/l	99
43) Isopropyl Acetate	5.55	43	64572	21.089	ug/l	99
44) Trichloroethene	6.19	130	27006	19.216	ug/l	94
45) 1,2-Dichloropropane	6.43	63	30378	20.280	ug/l	100
46) Dibromomethane	6.56	93	19238	20.091	ug/l	98
47) Bromodichloromethane	6.76	83	36700	20.817	ug/l	99
48) Methyl methacrylate	6.62	41	32358	21.704	ug/l	98
49) 1,4-Dioxane	6.61	88	16206	458.676	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	222819	106.930	ug/l	98
52) Toluene	7.63	92	65871	19.076	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	41659	19.670	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	45467	19.868	ug/l	98
55) 1,1,2-Trichloroethane	8.06	97	28697	20.745	ug/l	97
56) Ethyl methacrylate	8.02	69	41761	19.595	ug/l	98
57) 1,3-Dichloropropane	8.24	76	48276	20.395	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	89798	95.809	ug/l	98
59) 2-Hexanone	8.36	43	174514	106.691	ug/l	98
60) Dibromochloromethane	8.47	129	28473	20.776	ug/l	100
61) 1,2-Dibromoethane	8.58	107	29934	19.952	ug/l	99
64) Tetrachloroethene	8.22	164	23366	19.257	ug/l	92
65) Chlorobenzene	9.12	112	72725	19.261	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	26116	21.314	ug/l	97
67) Ethyl Benzene	9.25	91	123588	19.606	ug/l	100
68) m/p-Xylenes	9.37	106	94567	38.610	ug/l	98
69) o-Xylene	9.78	106	45131	19.123	ug/l	99
70) Styrene	9.79	104	73494	18.996	ug/l	100
71) Bromoform	9.95	173	22053	20.213	ug/l #	99
73) Isopropylbenzene	10.16	105	116003	22.165	ug/l	100
74) N-amyl acetate	10.01	43	51834	22.984	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	46321	22.083	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	53247	30.735	ug/l	86
77) Bromobenzene	10.45	156	27184	19.931	ug/l	94
78) n-propylbenzene	10.58	91	140085	22.713	ug/l	99
79) 2-Chlorotoluene	10.66	91	81220	21.708	ug/l	100
80) 1,3,5-Trimethylbenzene	10.77	105	95749	21.908	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	53247	79.267	ug/l #	100
82) 4-Chlorotoluene	10.77	91	92557	21.574	ug/l	97
83) tert-Butylbenzene	11.10	119	94448	21.926	ug/l	98
84) 1,2,4-Trimethylbenzene	11.14	105	99380	22.775	ug/l	99
85) sec-Butylbenzene	11.32	105	109971	21.109	ug/l	99
86) p-Isopropyltoluene	11.47	119	90835	20.462	ug/l	98
87) 1,3-Dichlorobenzene	11.41	146	48088	19.222	ug/l	98
88) 1,4-Dichlorobenzene	11.50	146	48885	18.931	ug/l	98
89) n-Butylbenzene	11.89	91	86045	21.716	ug/l	97
90) Hexachloroethane	12.14	117	15887	21.273	ug/l	93
91) 1,2-Dichlorobenzene	11.88	146	48774	19.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.65	75	9502	23.553	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012119\
Quantitation Report (Not Reviewed)

Data File : VU029238.D
Acq On : 21 Jan 2019 10:56
Operator : JC/SP
Sample : VU0121WBS01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VU0121WBS01

Quant Time: Jan 22 01:04:13 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)
93) 1,2,4-Trichlorobenzene	13.50	180	34002	21.139	ug/l	99
94) Hexachlorobutadiene	13.69	225	18528	25.184	ug/l	99
95) Naphthalene	13.74	128	107196	19.591	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	35290	21.757	ug/l	97

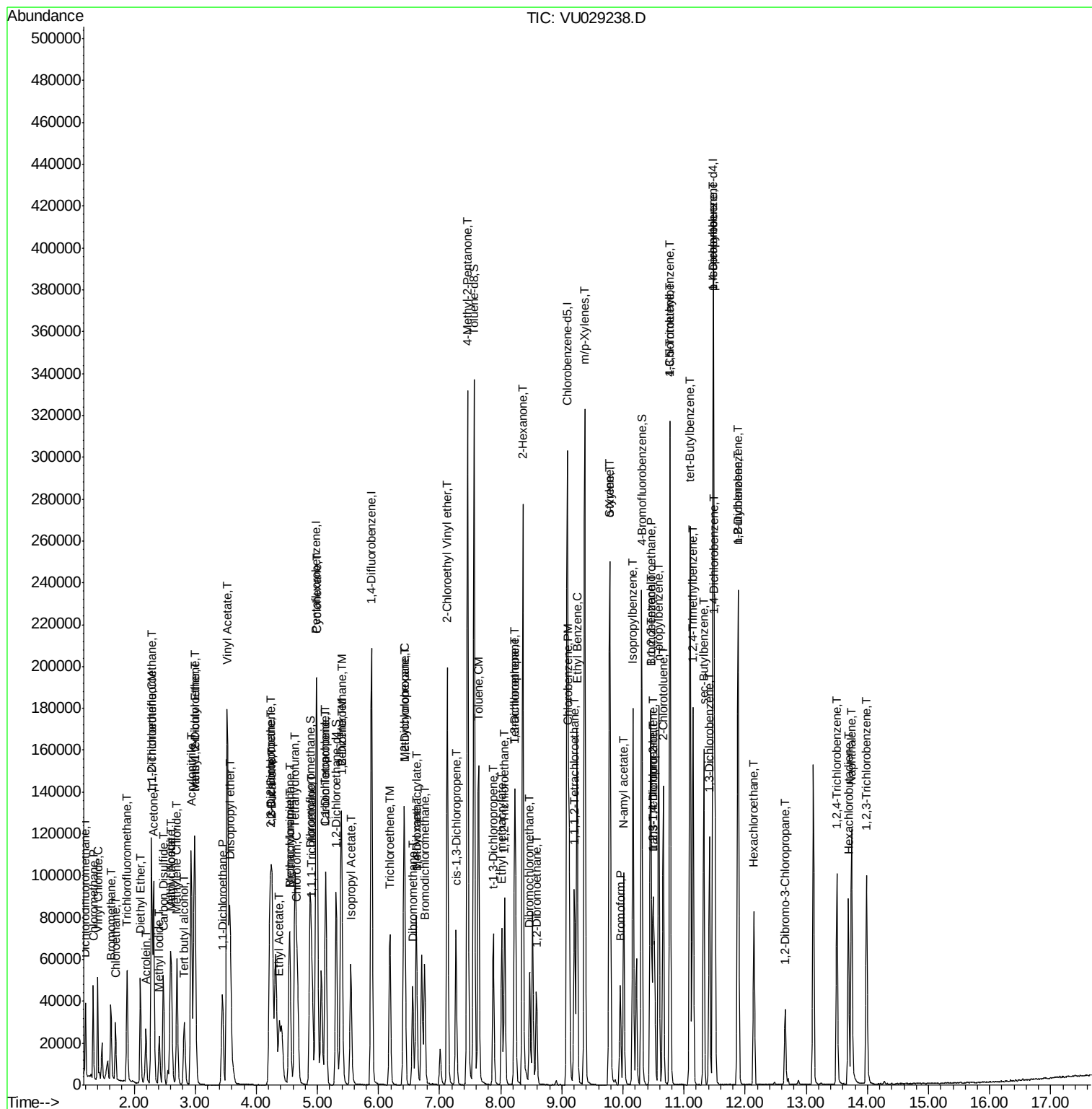
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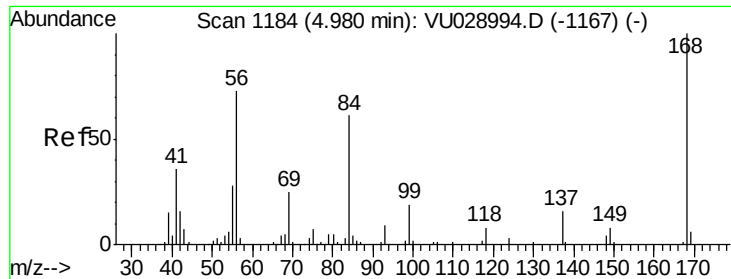
Data File : VU029238.D

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Acq On       : 21 Jan 2019   10:56
Operator    : JC/SP
Sample      : VU0121WBS01
Misc       : 5.0mL/MSVOA_U/WATER
ALS Vial    : 5      Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Quant Time: Jan 22 01:04:13 2019
Quant Method : Z:\VQASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
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# 1185

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

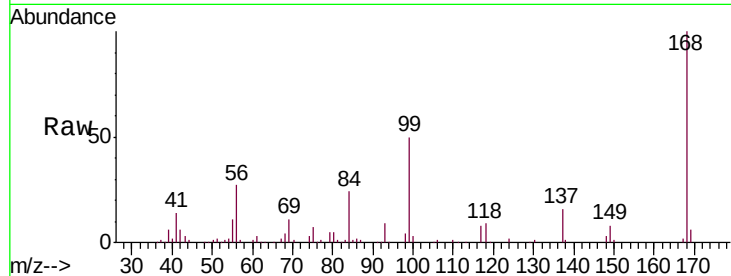
VU0121WBS01

Tgt Ion:168 Resp: 111900

Ion Ratio Lower Upper

168 100

99 49.7 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) (-)

4.98

60000

50000

40000

30000

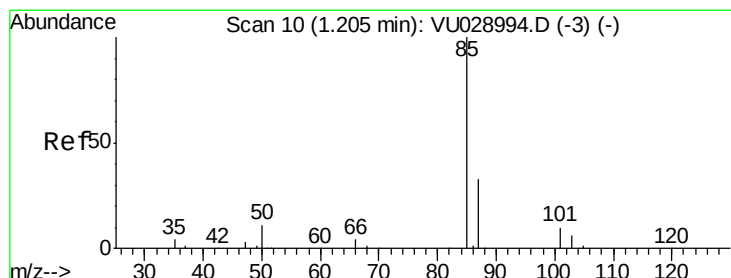
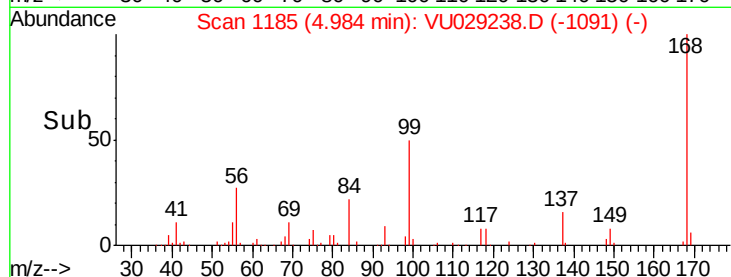
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 17.496 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU029238.D

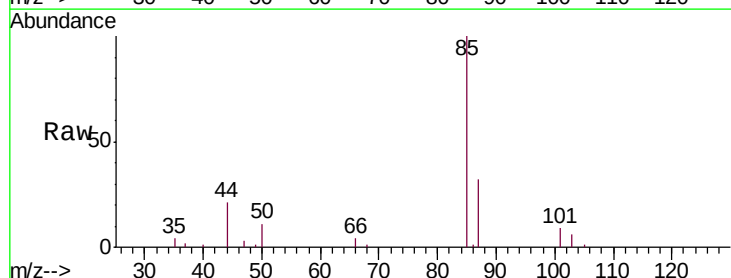
Acq: 21 Jan 2019 10:56

Tgt Ion: 85 Resp: 19416

Ion Ratio Lower Upper

85 100

87 32.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VU028994.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU028994.D (-3) (-)

1.21

20000

15000

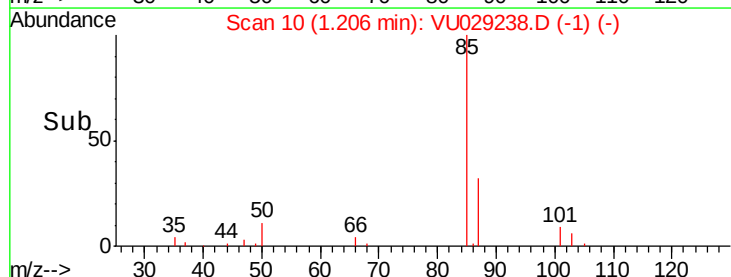
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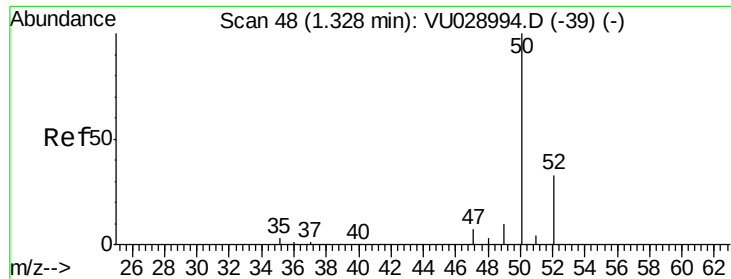
5000

0

1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.211 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

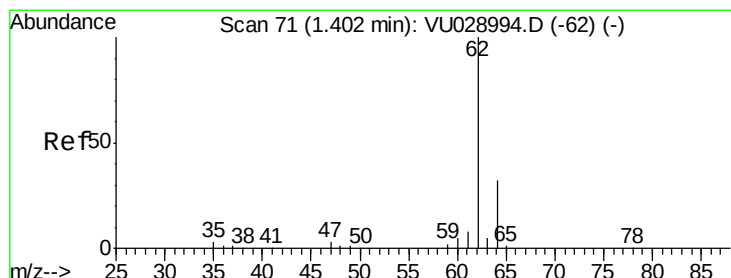
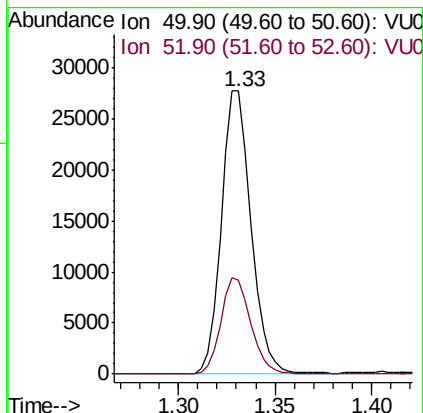
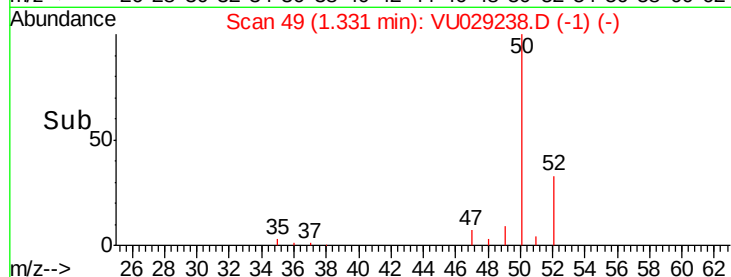
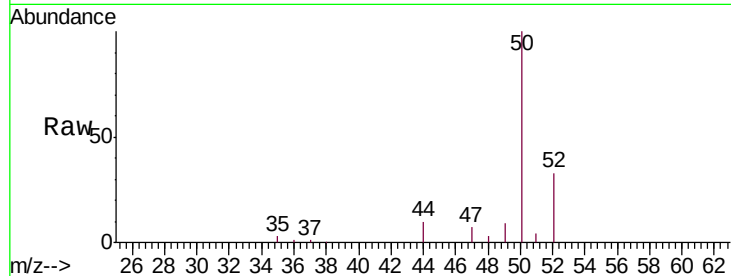
VU0121WBS01

Tgt Ion: 50 Resp: 29550

Ion Ratio Lower Upper

50 100

52 33.3 26.1 39.1



#4

Vinyl Chloride

Concen: 18.181 ug/l

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU029238.D

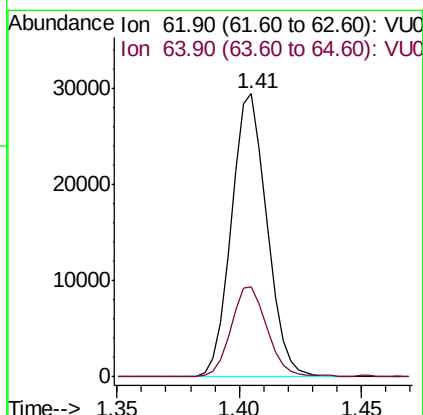
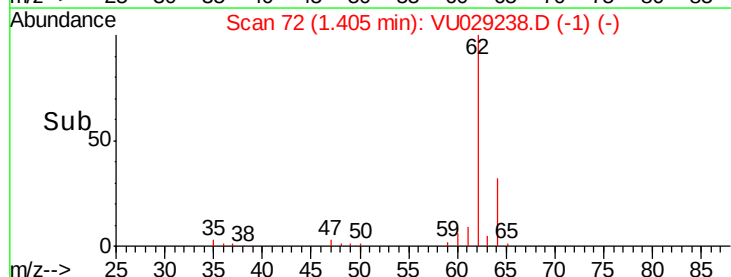
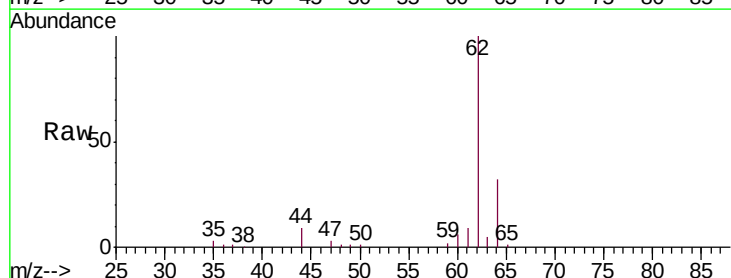
Acq: 21 Jan 2019 10:56

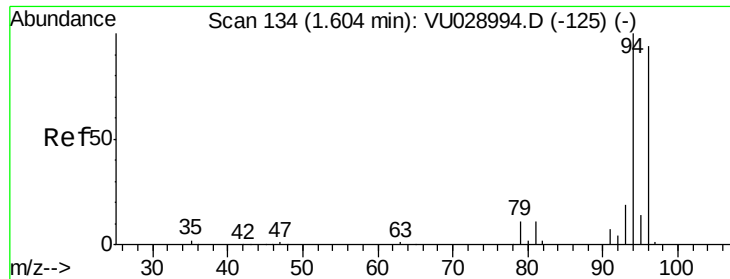
Tgt Ion: 62 Resp: 29733

Ion Ratio Lower Upper

62 100

64 32.0 25.9 38.9





#5

Bromomethane

Concen: 18.535 ug/l

RT: 1.62 min Scan# 139

Delta R.T. 0.02 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

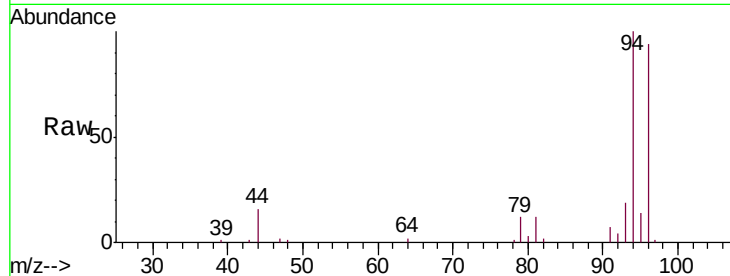
VU0121WBS01

Tgt Ion: 94 Resp: 17191

Ion Ratio Lower Upper

94 100

96 94.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

1.62

15000

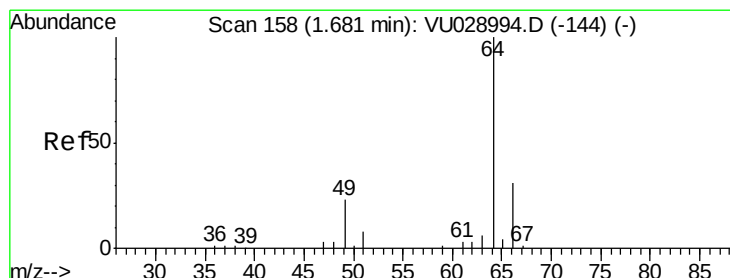
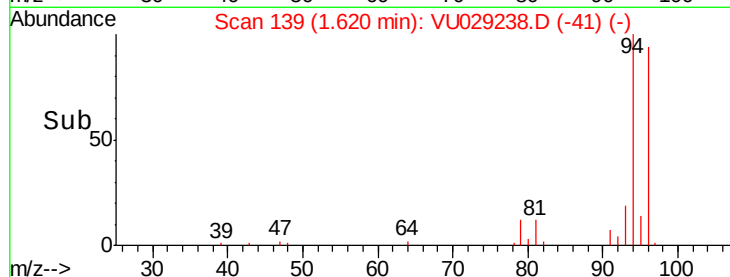
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 17.834 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.02 min

Lab File: VU029238.D

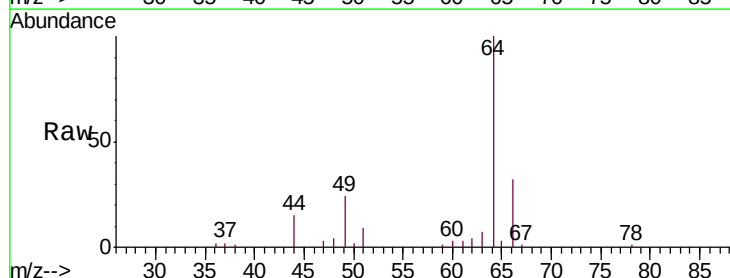
Acq: 21 Jan 2019 10:56

Tgt Ion: 64 Resp: 17372

Ion Ratio Lower Upper

64 100

66 32.4 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

1.70

15000

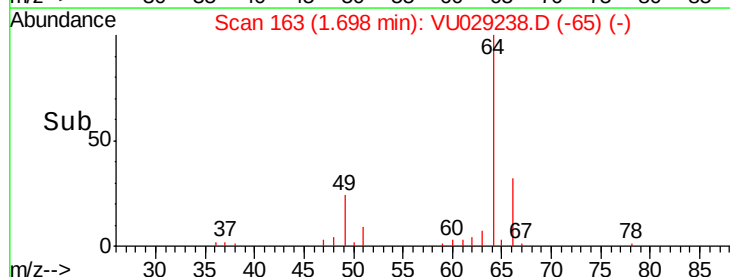
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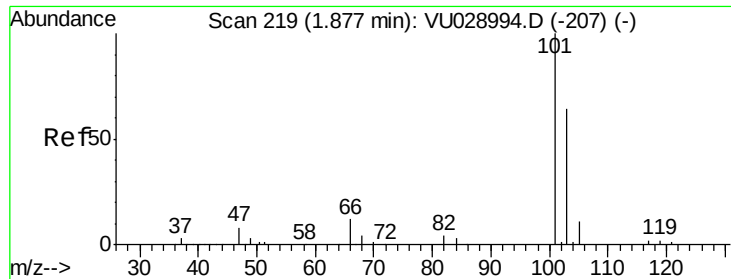
5000

0

Time-->

1.65 1.70 1.75



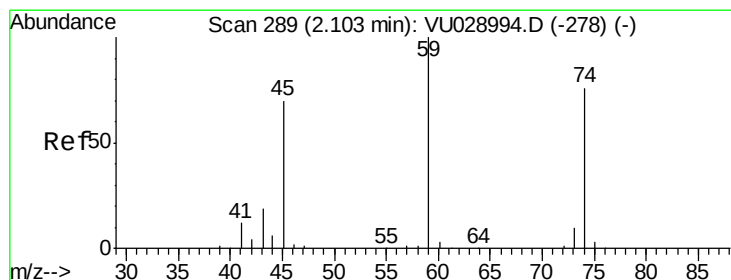
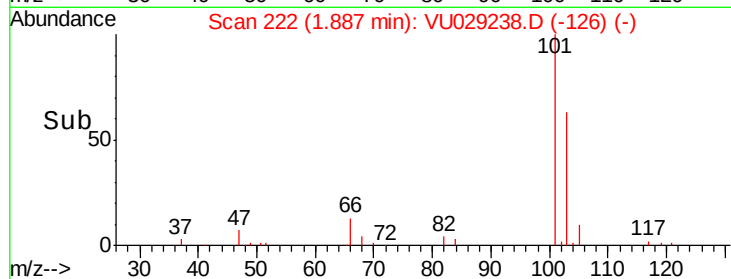
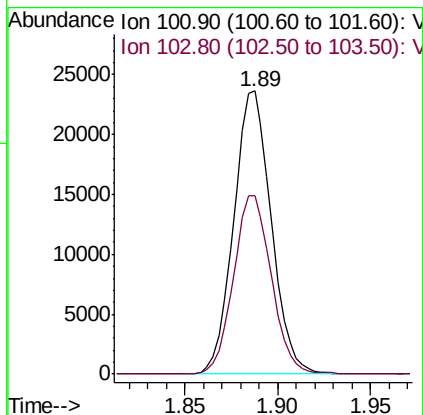
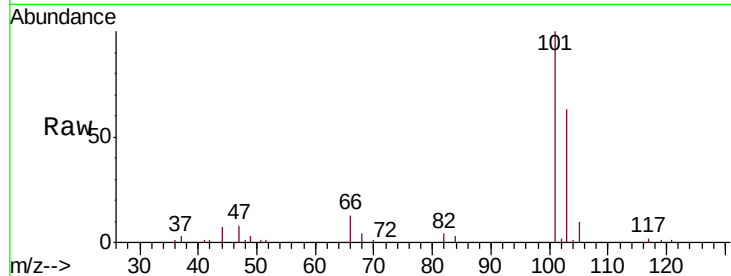


#7

Trichlorofluoromethane
 Concen: 18.583 ug/l
 RT: 1.89 min Scan# 222
 Delta R.T. 0.01 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

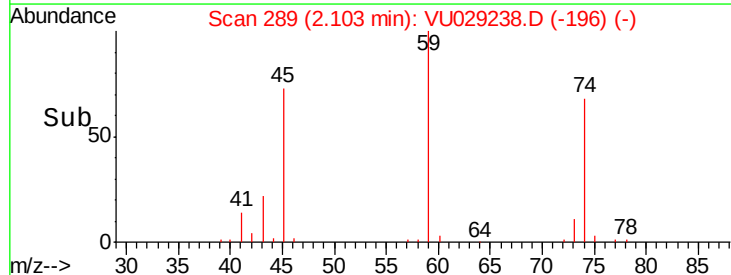
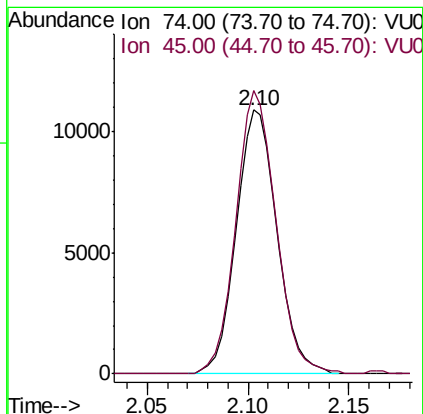
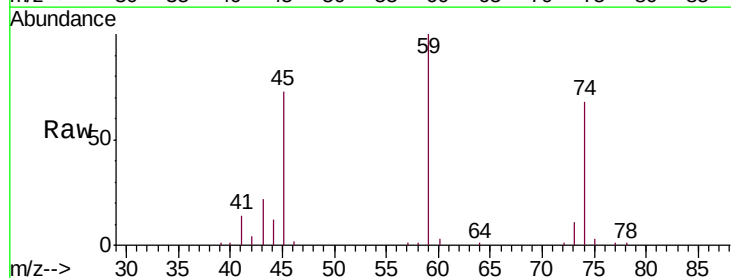
Tgt Ion:101 Resp: 33115
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.5 77.3

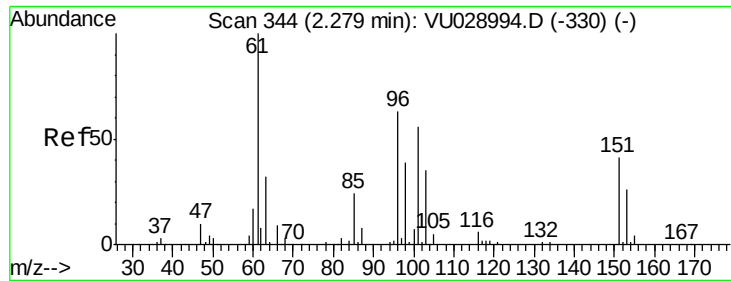


#8

Diethyl Ether
 Concen: 18.031 ug/l
 RT: 2.10 min Scan# 289
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 74 Resp: 15437
 Ion Ratio Lower Upper
 74 100
 45 105.3 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.085 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.01 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

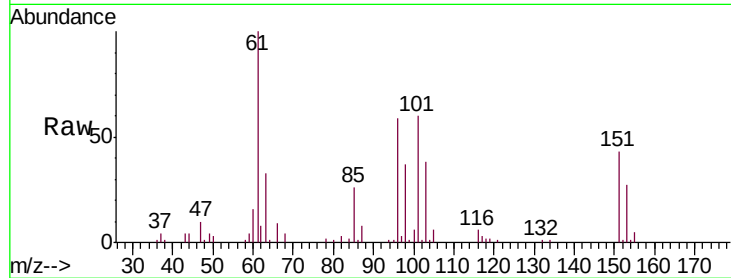
Tgt Ion:101 Resp: 21563

Ion Ratio Lower Upper

101 100

85 42.1 35.1 52.7

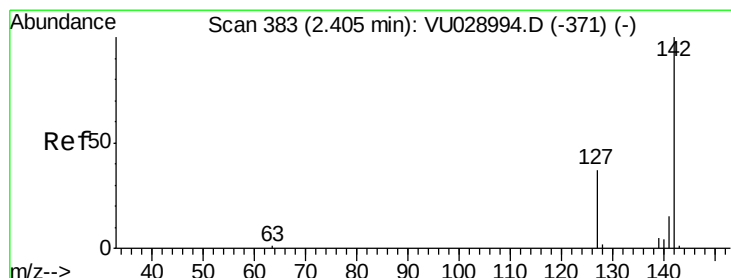
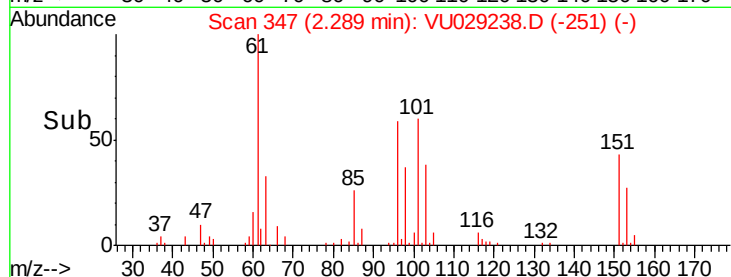
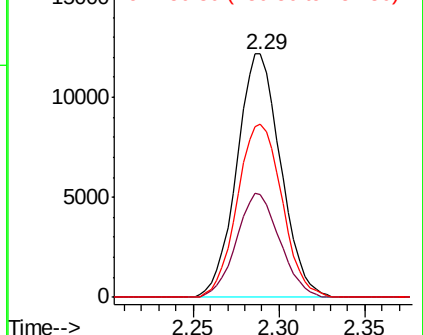
151 72.8 60.2 90.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VU0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.047 ug/l

RT: 2.41 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

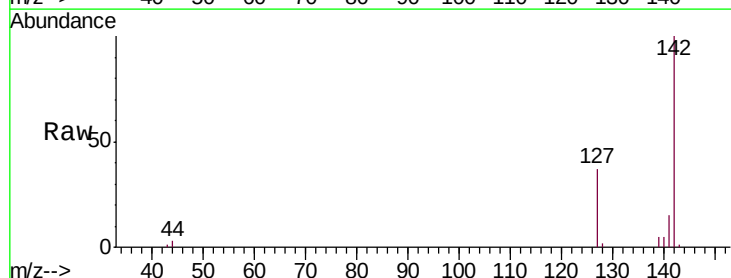
Tgt Ion:142 Resp: 23596

Ion Ratio Lower Upper

142 100

127 36.2 29.8 44.6

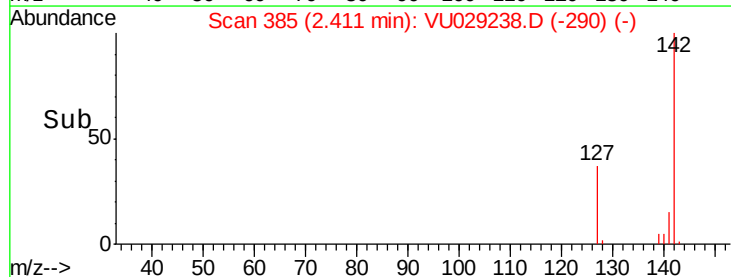
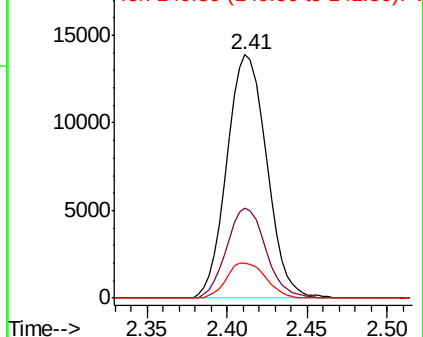
141 14.2 11.5 17.3

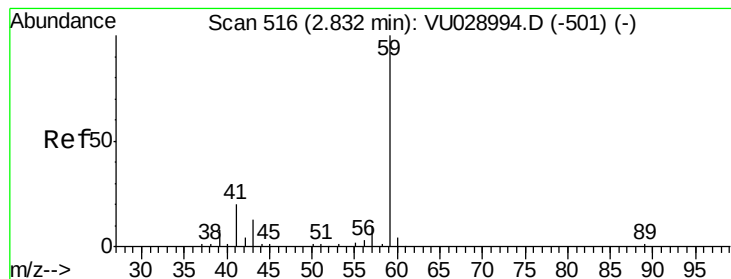


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 100.883 ug/l

RT: 2.82 min Scan# 512

Delta R.T. -0.01 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

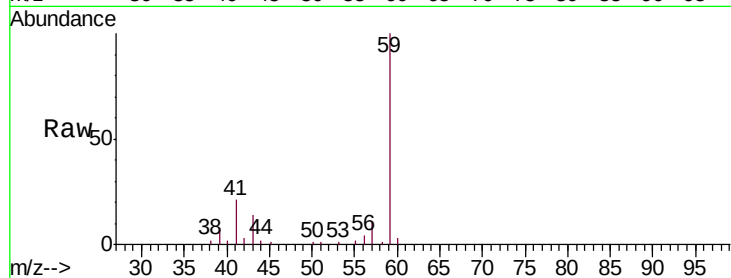
VU0121WBS01

Tgt Ion: 59 Resp: 35472

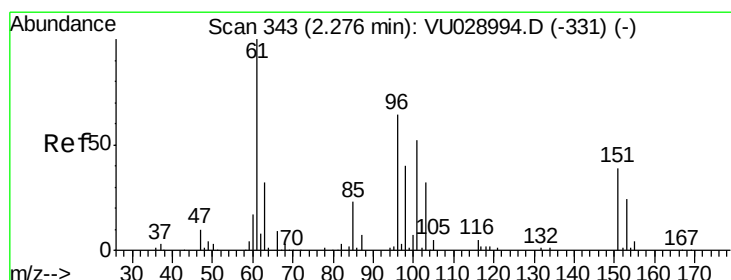
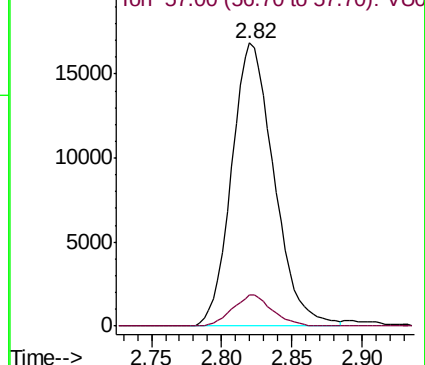
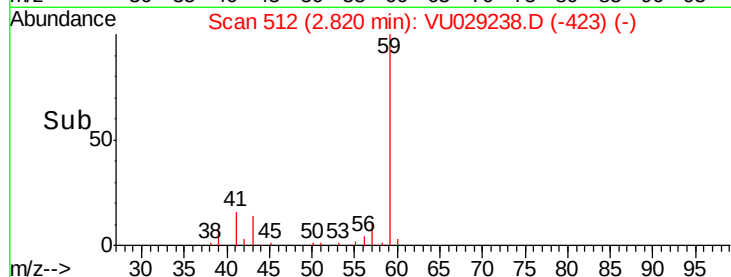
Ion Ratio Lower Upper

59 100

57 10.3 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VU029238.D (-423) (-)



#12

1,1-Dichloroethene

Concen: 17.541 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.01 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

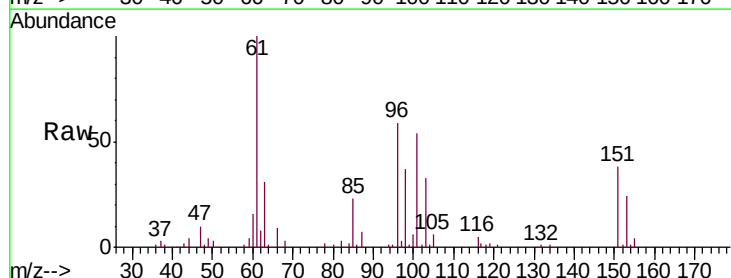
Tgt Ion: 96 Resp: 20357

Ion Ratio Lower Upper

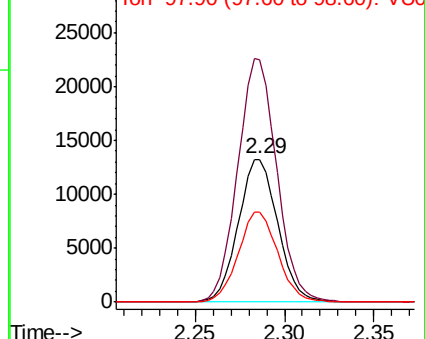
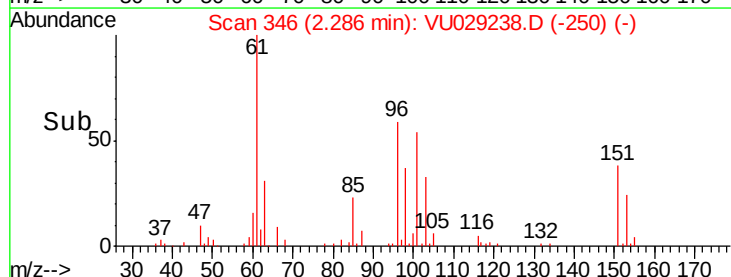
96 100

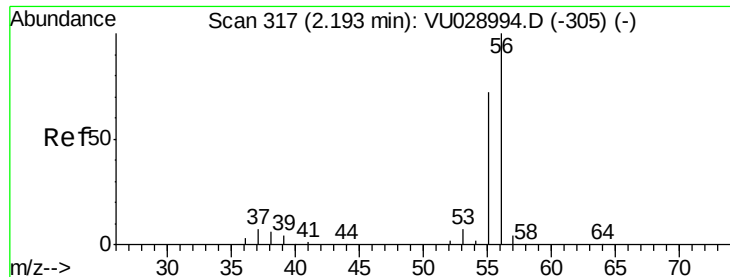
61 169.8 125.4 188.0

98 63.2 49.7 74.5



Abundance Ion 95.90 (95.60 to 96.60): VU029238.D (-250) (-)





#13

Acrolein

Concen: 70.292 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

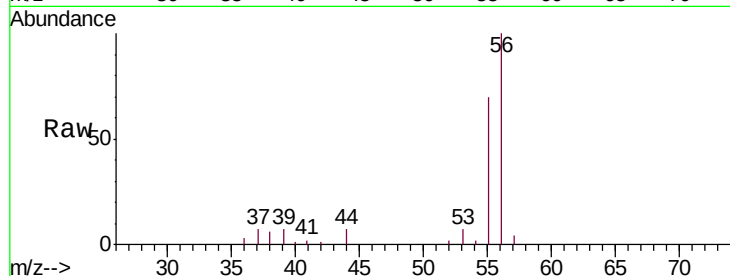
VU0121WBS01

Tgt Ion: 56 Resp: 18559

Ion Ratio Lower Upper

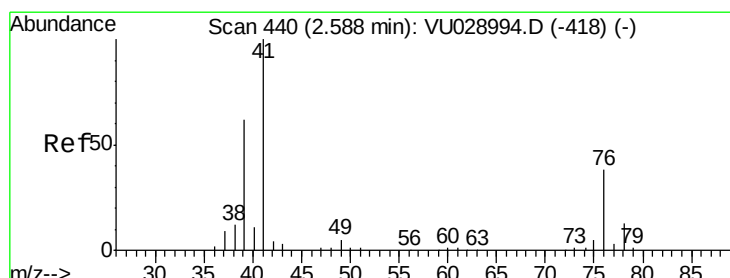
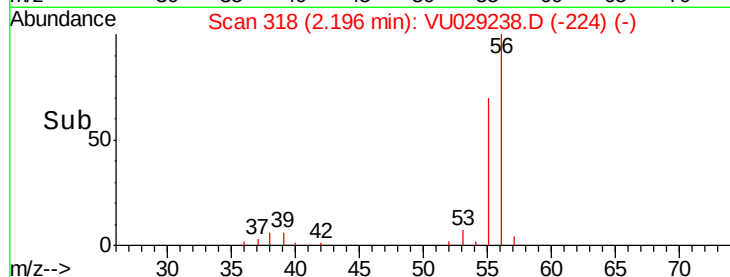
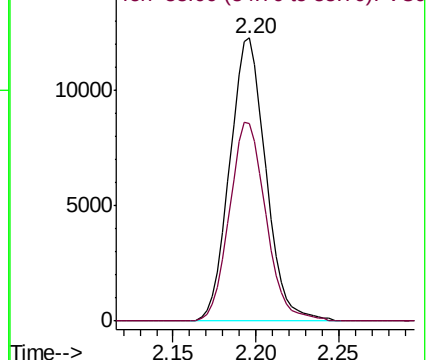
56 100

55 70.8 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.464 ug/l

RT: 2.59 min Scan# 441

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

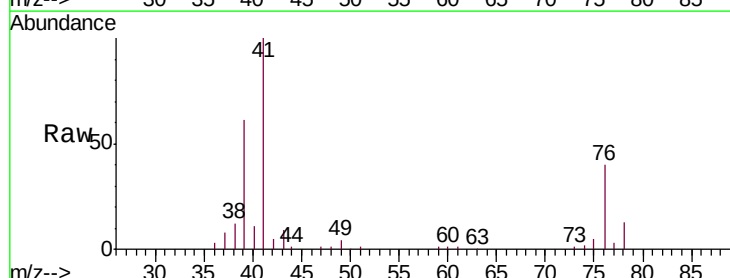
Tgt Ion: 41 Resp: 37189

Ion Ratio Lower Upper

41 100

39 64.4 45.0 67.6

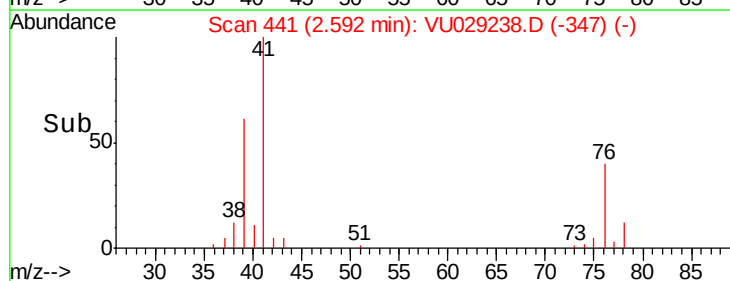
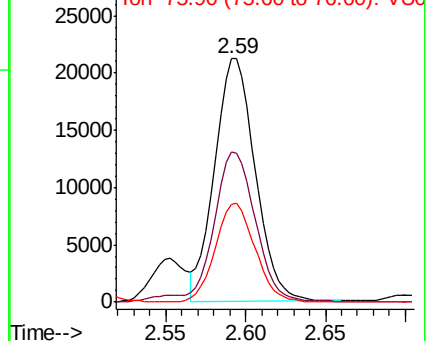
76 39.4 28.1 42.1

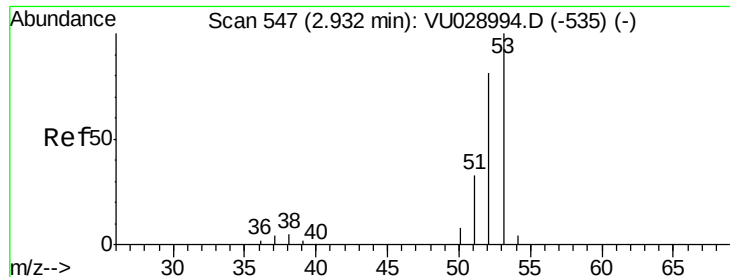


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 106.192 ug/l

RT: 2.93 min Scan# 547

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

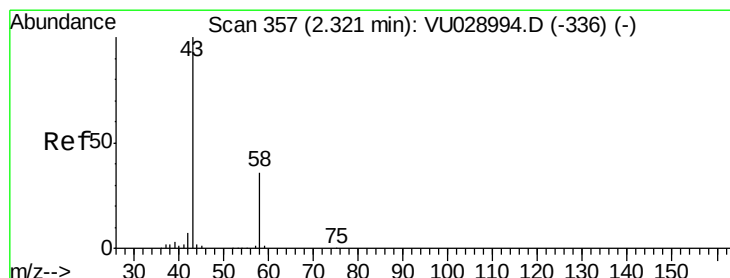
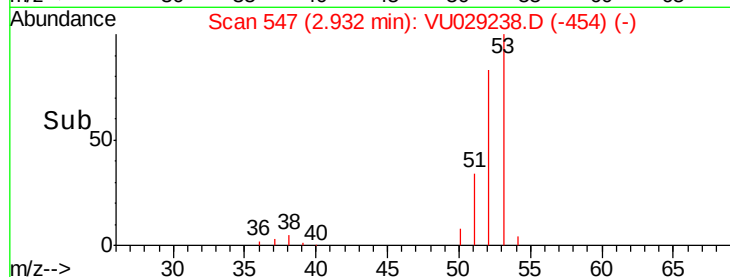
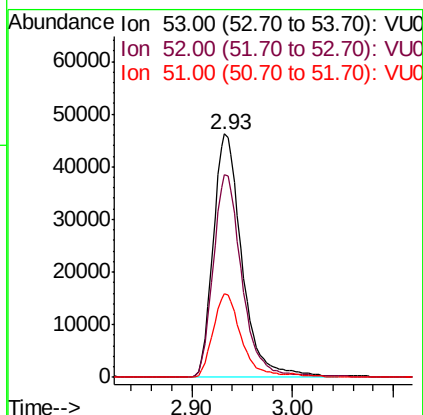
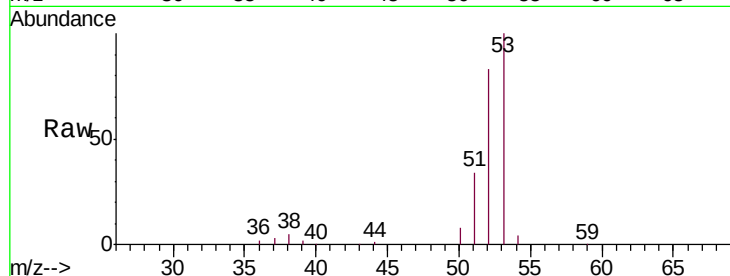
Tgt Ion: 53 Resp: 91605

Ion Ratio Lower Upper

53 100

52 82.9 64.8 97.2

51 33.2 27.3 40.9



#16

Acetone

Concen: 109.760 ug/l

RT: 2.32 min Scan# 356

Delta R.T. -0.00 min

Lab File: VU029238.D

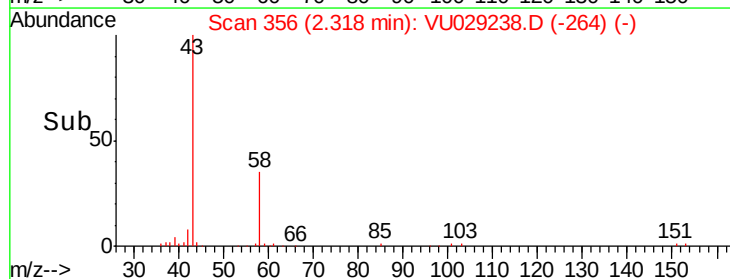
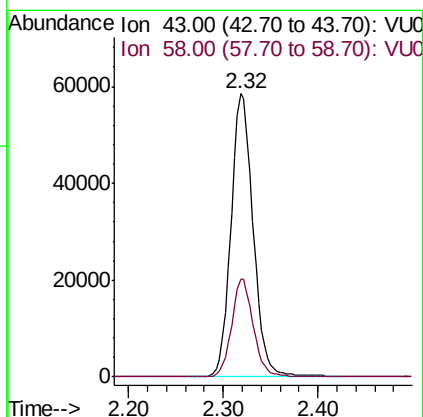
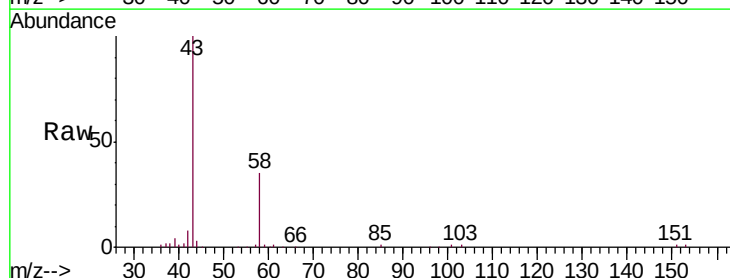
Acq: 21 Jan 2019 10:56

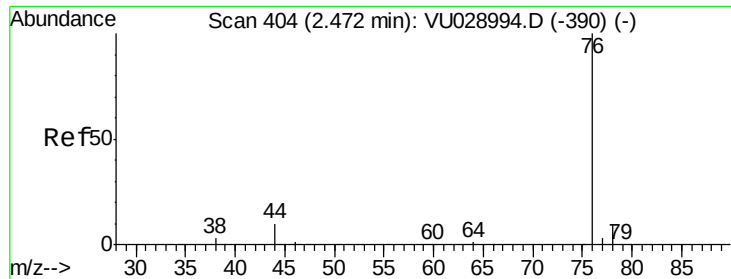
Tgt Ion: 43 Resp: 95648

Ion Ratio Lower Upper

43 100

58 34.6 28.6 42.8

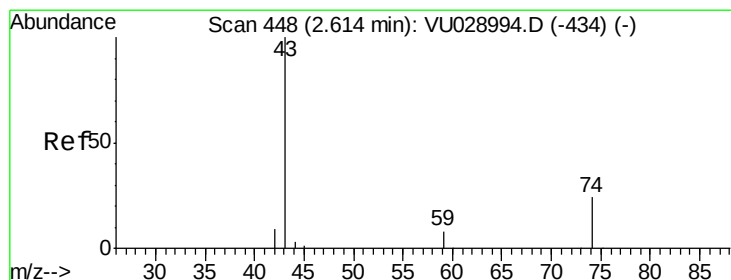
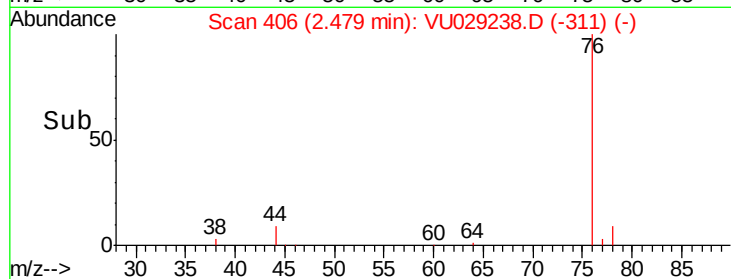
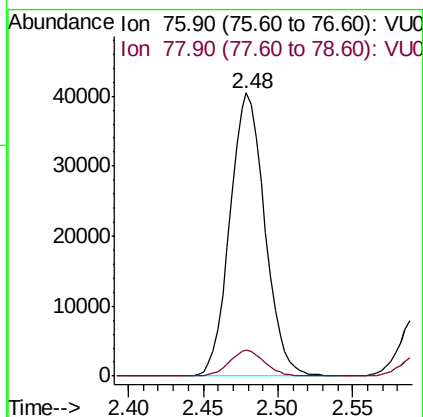
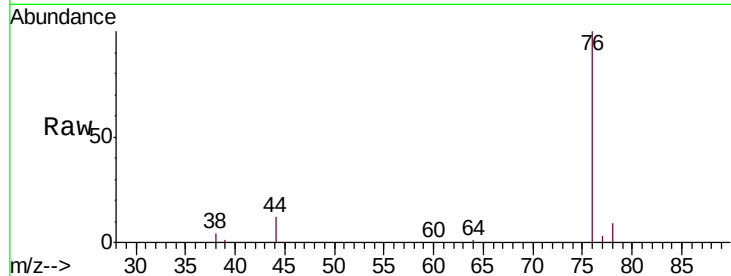




#17
Carbon Disulfide
Concen: 16.750 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.01 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

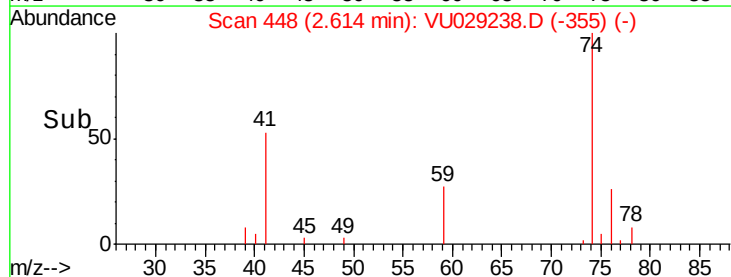
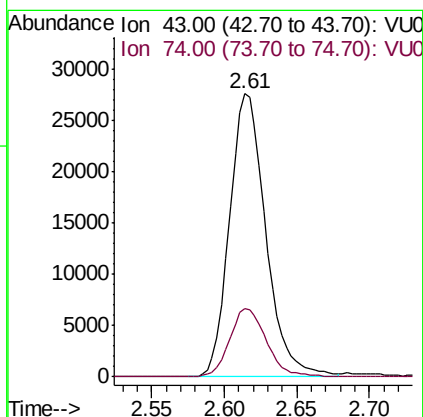
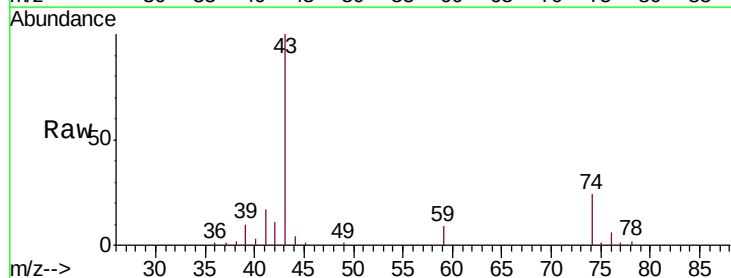
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

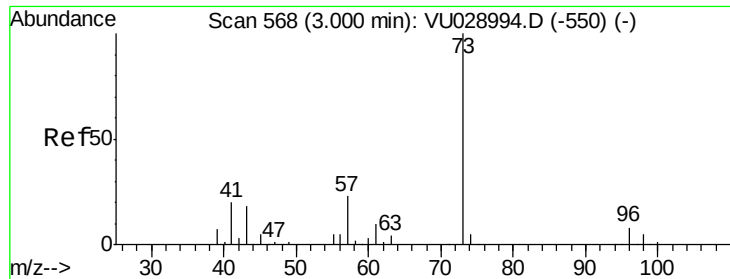
Tgt Ion: 76 Resp: 65797
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 23.696 ug/l
RT: 2.61 min Scan# 448
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 43 Resp: 48013
Ion Ratio Lower Upper
43 100
74 24.3 19.5 29.3

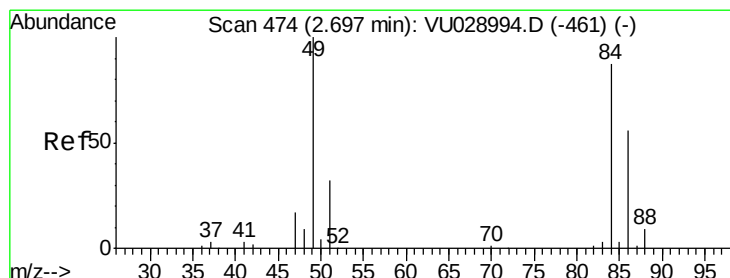
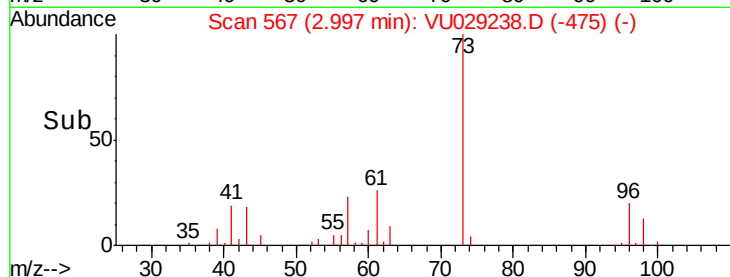
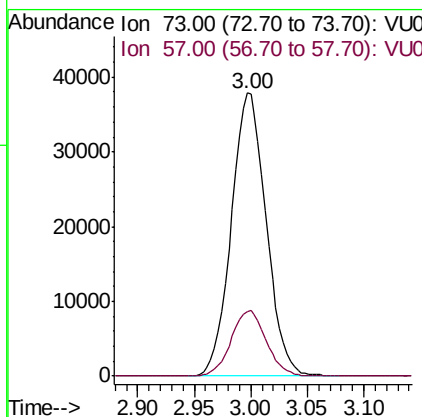
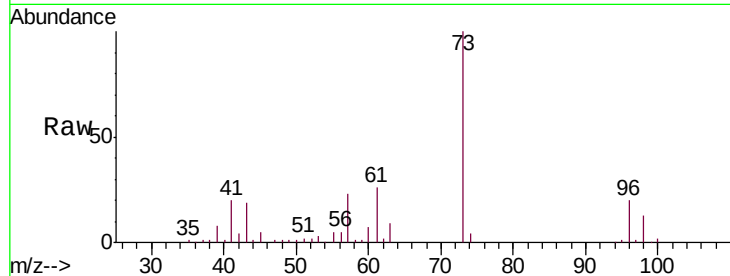




#19
Methyl tert-butyl Ether
Concen: 19.879 ug/l
RT: 3.00 min Scan# 567
Delta R.T. -0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

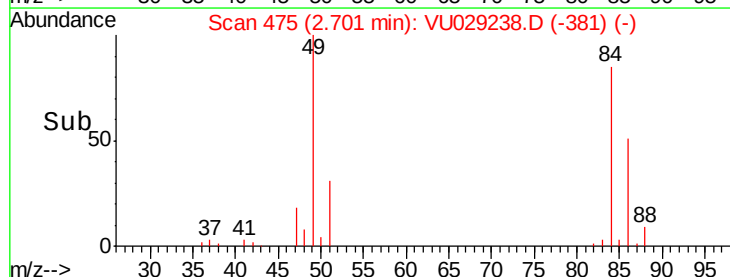
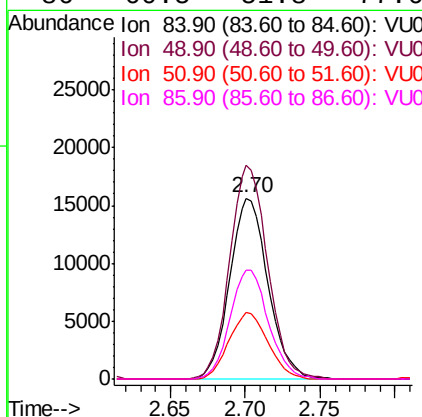
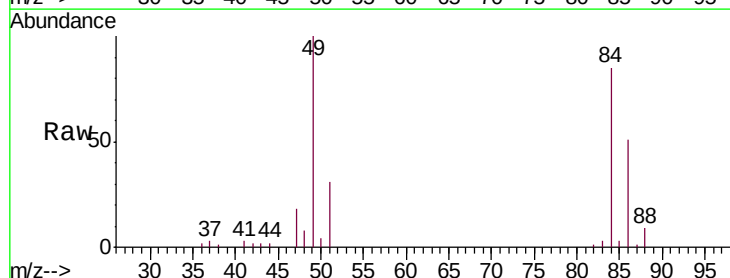
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

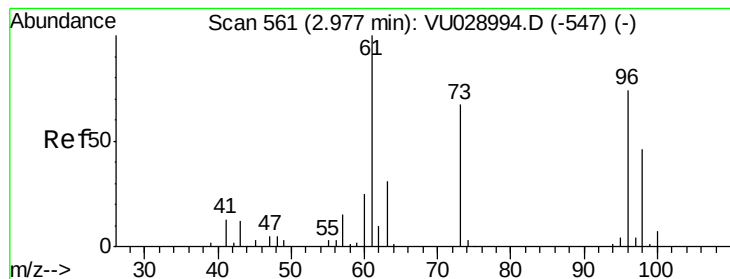
Tgt Ion: 73 Resp: 81110
Ion Ratio Lower Upper
73 100
57 22.8 18.6 28.0



#20
Methylene Chloride
Concen: 18.775 ug/l
RT: 2.70 min Scan# 475
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 84 Resp: 27779
Ion Ratio Lower Upper
84 100
49 118.3 91.9 137.9
51 36.7 29.2 43.8
86 60.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 17.810 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.01 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

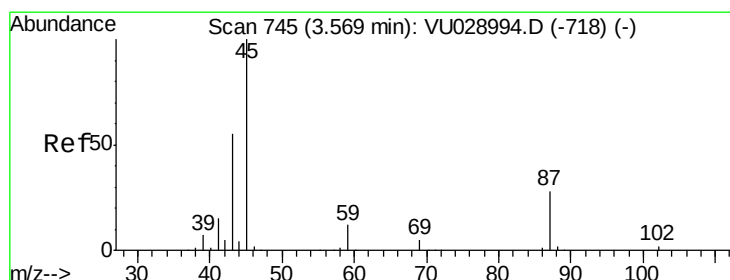
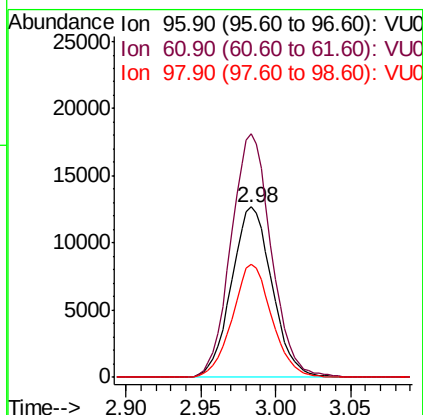
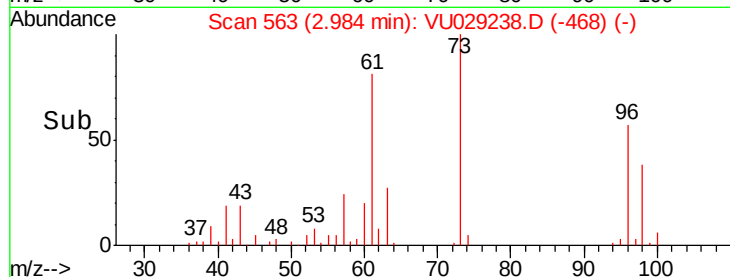
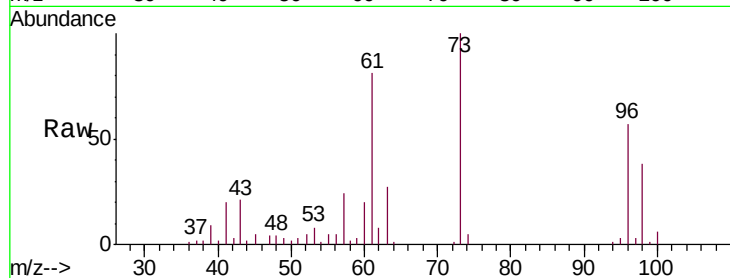
Tgt Ion: 96 Resp: 24015

Ion Ratio Lower Upper

96 100

61 142.7 107.7 161.5

98 66.4 49.2 73.8



#22

Diisopropyl ether

Concen: 20.551 ug/l

RT: 3.57 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Tgt Ion: 45 Resp: 86488

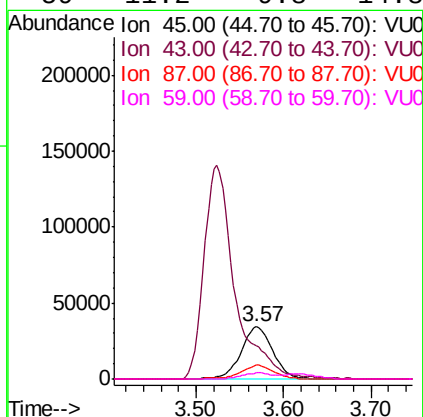
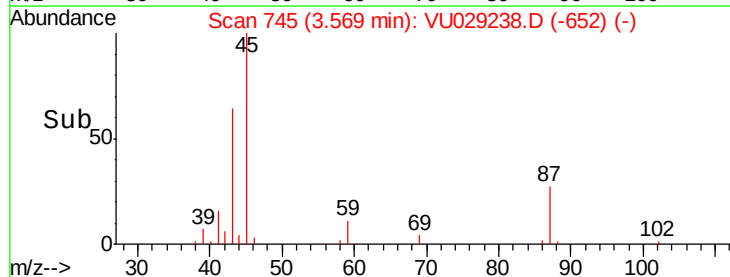
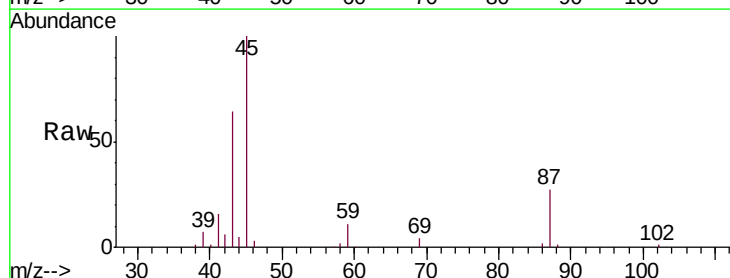
Ion Ratio Lower Upper

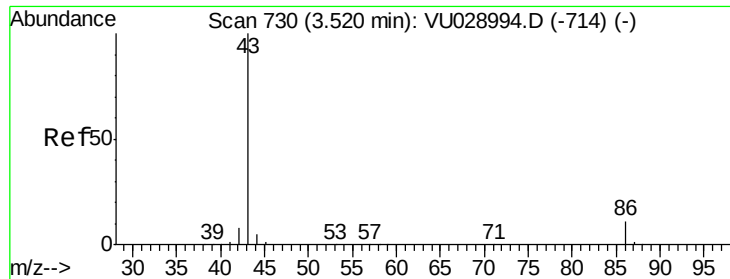
45 100

43 62.4 44.7 67.1

87 26.6 22.2 33.2

59 11.2 9.8 14.8





#23

Vinyl Acetate

Concen: 100.530 ug/l

RT: 3.52 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

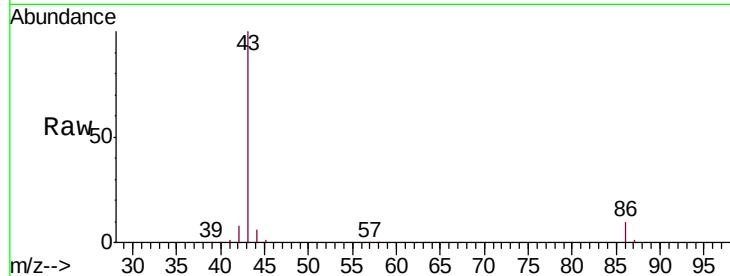
VU0121WBS01

Tgt Ion: 43 Resp: 345874

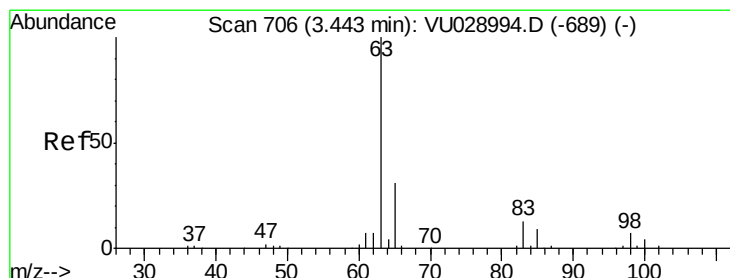
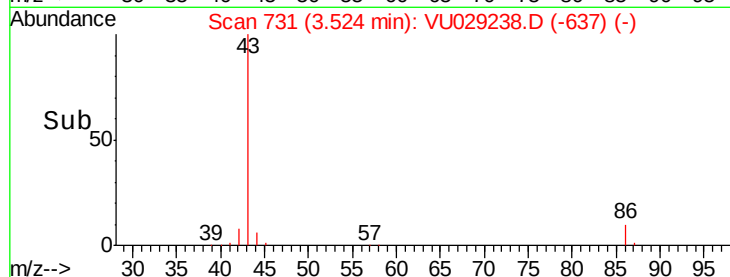
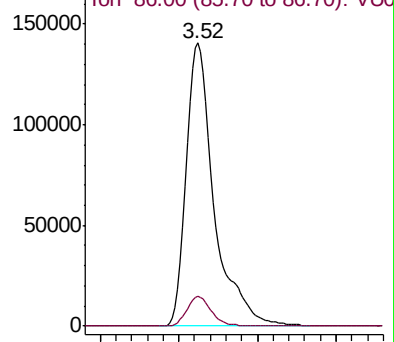
Ion Ratio Lower Upper

43 100

86 10.4 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VU029238.D (-637) (-)



#24

1,1-Dichloroethane

Concen: 20.005 ug/l

RT: 3.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

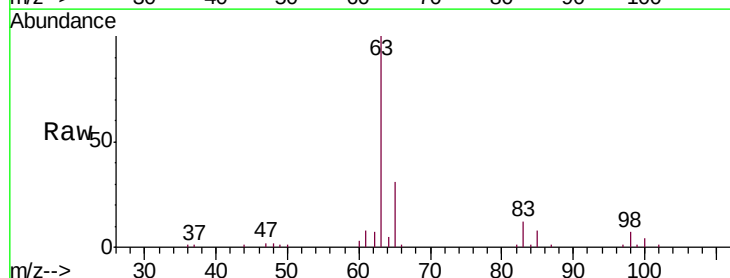
Tgt Ion: 63 Resp: 48602

Ion Ratio Lower Upper

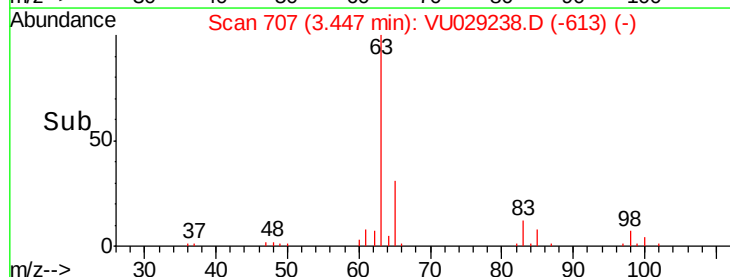
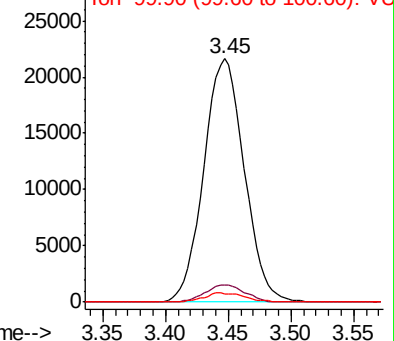
63 100

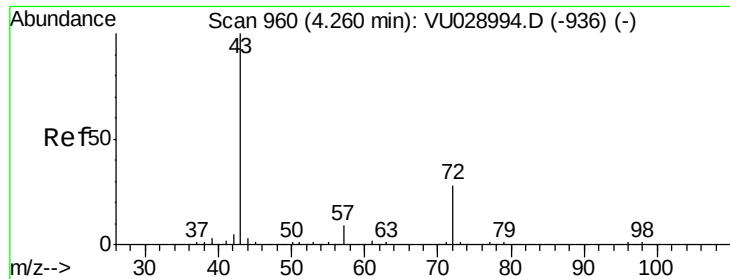
98 7.2 3.4 10.1

100 3.5 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VU029238.D (-613) (-)





#25

2-Butanone

Concen: 110.275 ug/l

RT: 4.26 min Scan# 959

Delta R.T. -0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

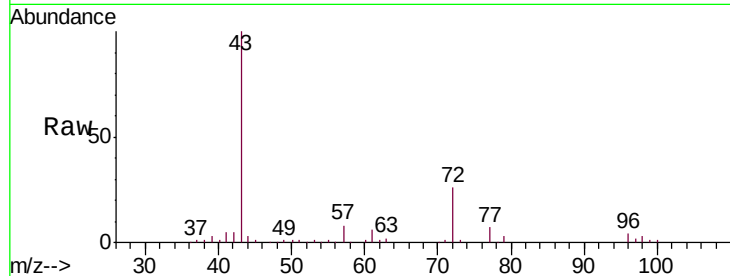
VU0121WBS01

Tgt Ion: 43 Resp: 129792

Ion Ratio Lower Upper

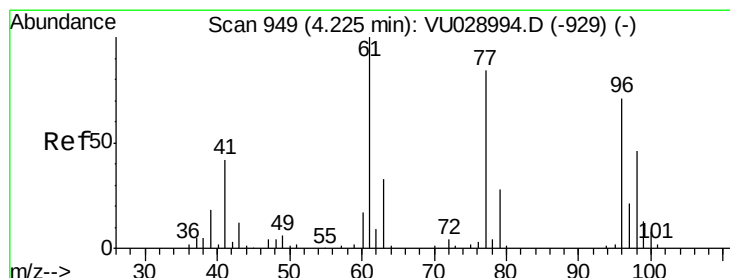
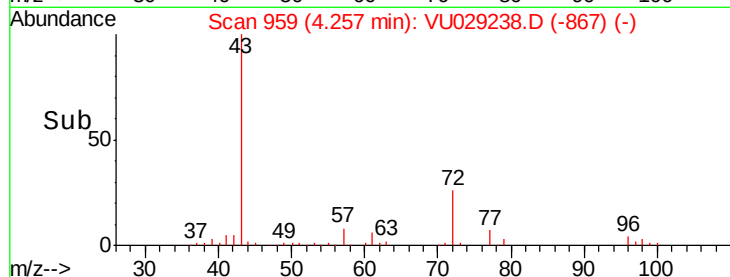
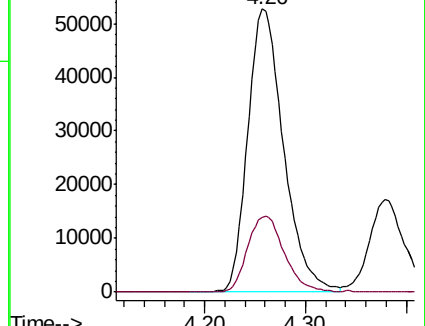
43 100

72 26.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VU028994.D (-936) (-)

Ion 72.00 (71.70 to 72.70): VU028994.D (-936) (-)



#26

2,2-Dichloropropane

Concen: 20.353 ug/l

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU029238.D

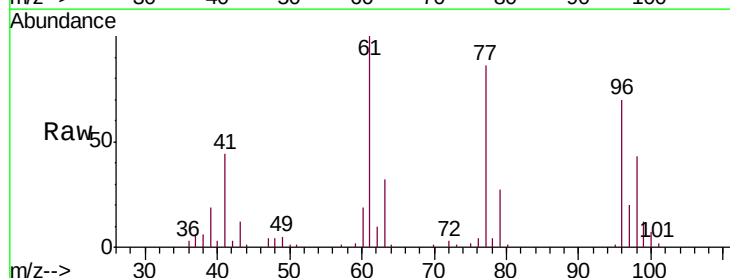
Acq: 21 Jan 2019 10:56

Tgt Ion: 77 Resp: 39954

Ion Ratio Lower Upper

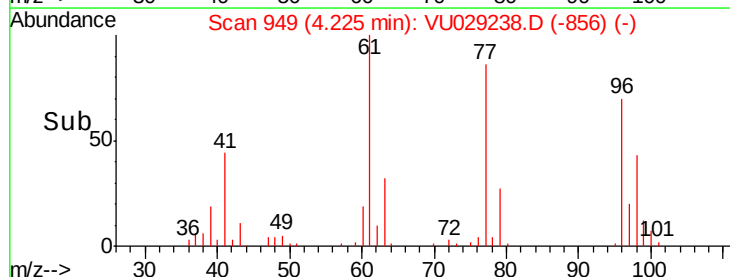
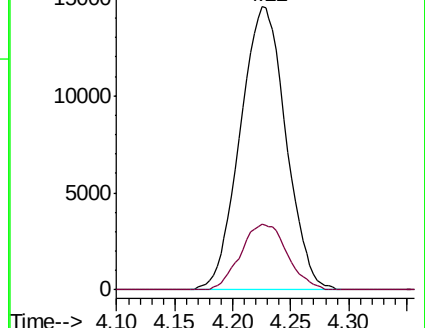
77 100

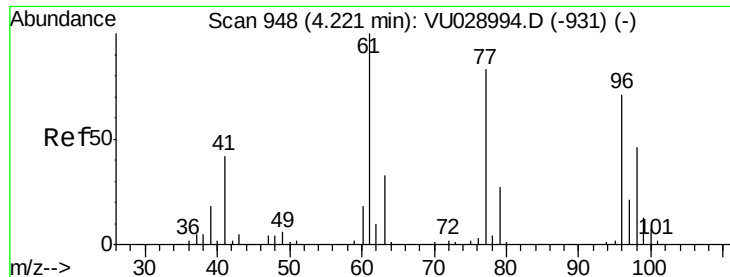
97 23.6 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VU028994.D (-929) (-)

Ion 96.90 (96.60 to 97.60): VU028994.D (-929) (-)



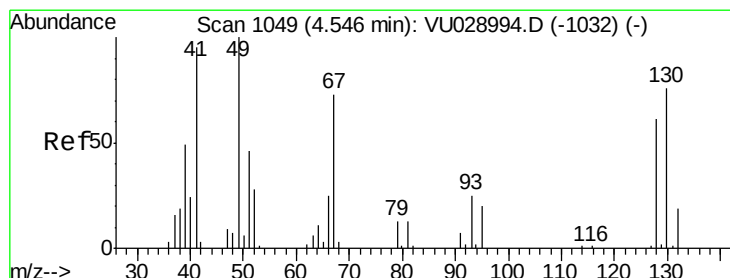
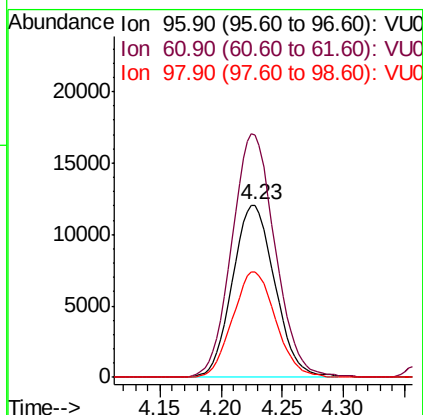
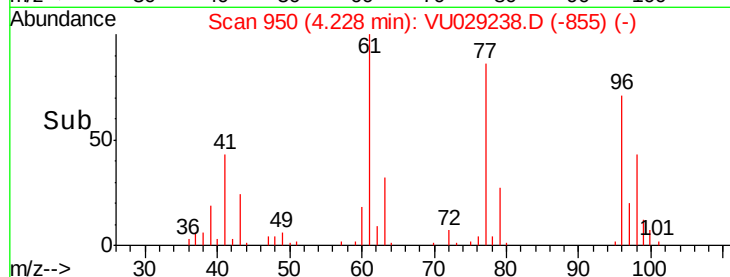
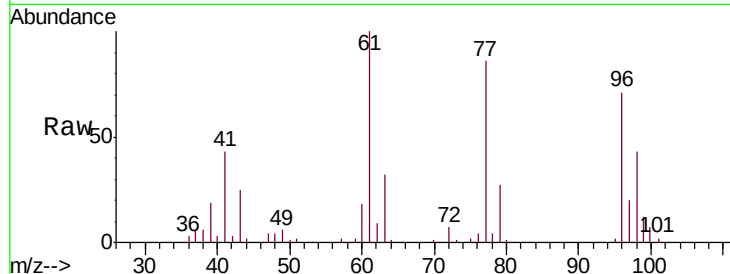


#27

cis-1,2-Dichloroethene
Concen: 19.721 ug/l
RT: 4.23 min Scan# 950
Delta R.T. 0.01 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

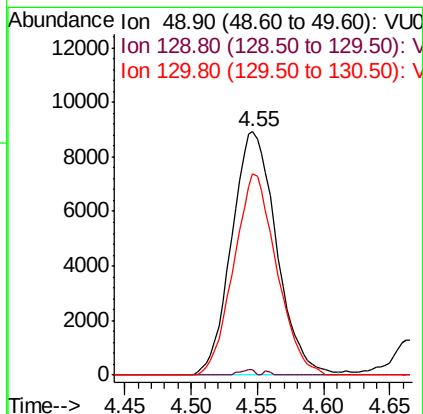
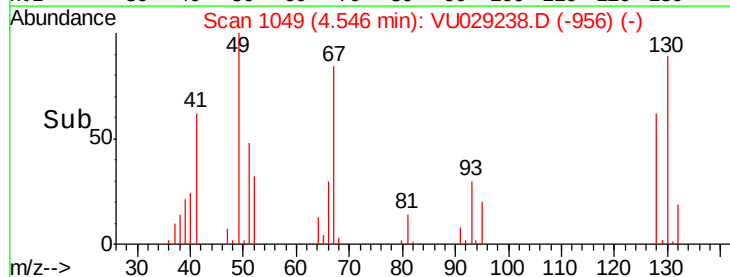
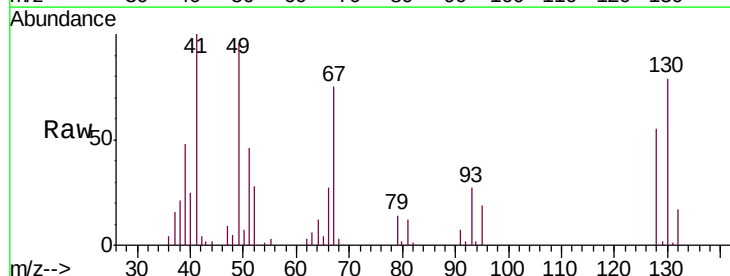
Tgt Ion: 96 Resp: 29083
Ion Ratio Lower Upper
96 100
61 144.3 0.0 285.6
98 62.1 0.0 130.2

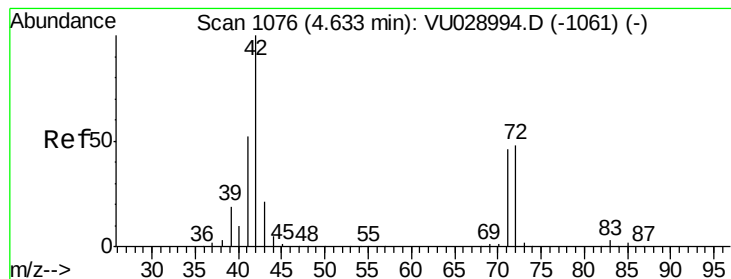


#28

Bromochloromethane
Concen: 20.159 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 49 Resp: 20971
Ion Ratio Lower Upper
49 100
129 0.7 0.0 3.4
130 79.2 62.9 94.3





#29

Tetrahydrofuran

Concen: 106.840 ug/l

RT: 4.63 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

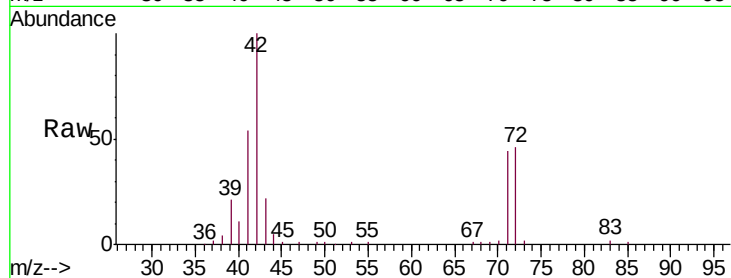
Tgt Ion: 42 Resp: 76269

Ion Ratio Lower Upper

42 100

72 46.3 38.3 57.5

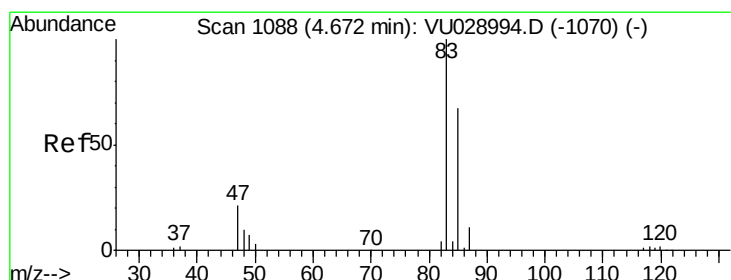
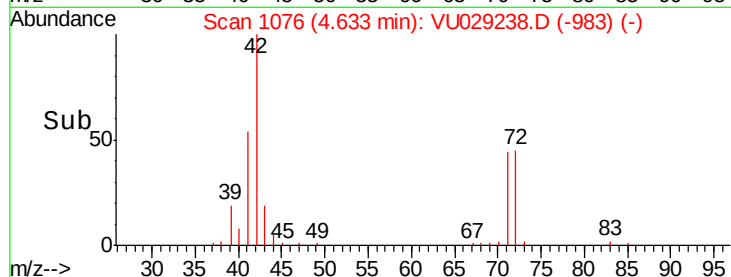
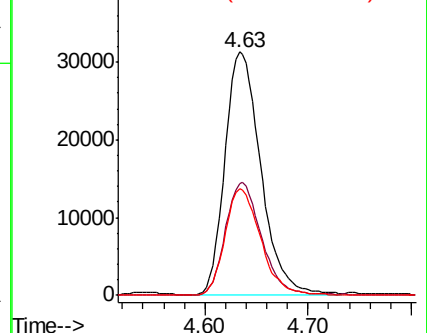
71 43.4 36.1 54.1



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



#30

Chloroform

Concen: 20.349 ug/l

RT: 4.67 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VU029238.D

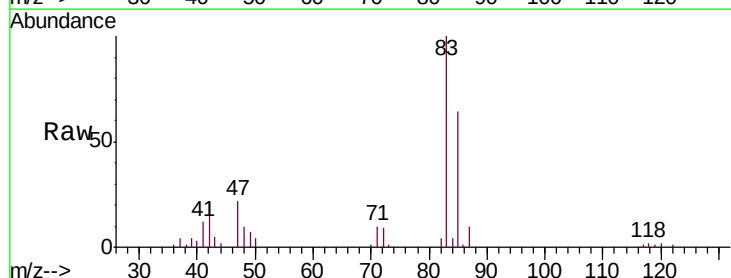
Acq: 21 Jan 2019 10:56

Tgt Ion: 83 Resp: 47089

Ion Ratio Lower Upper

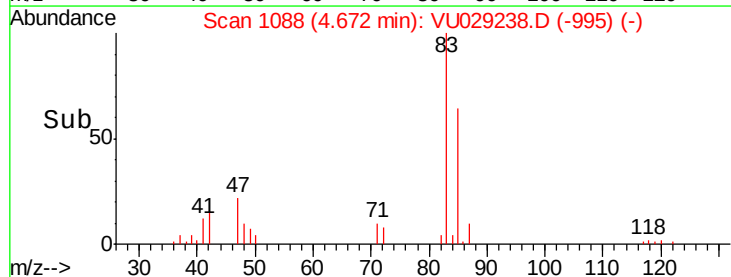
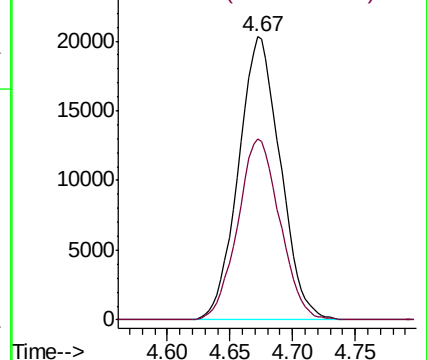
83 100

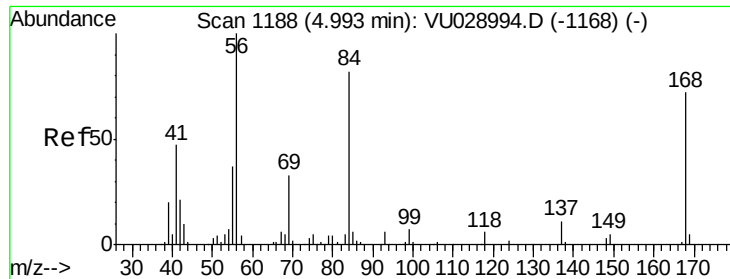
85 64.1 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 84.90 (84.60 to 85.60): VU0

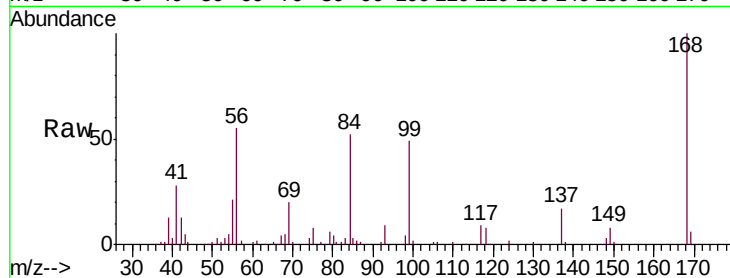




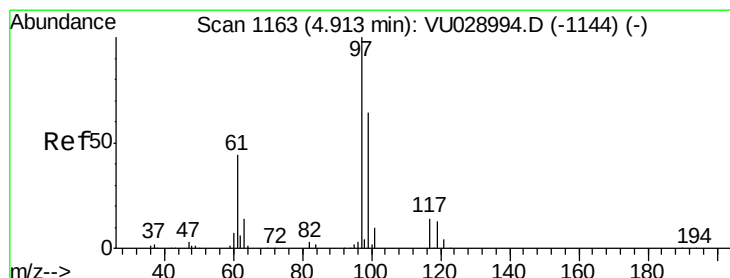
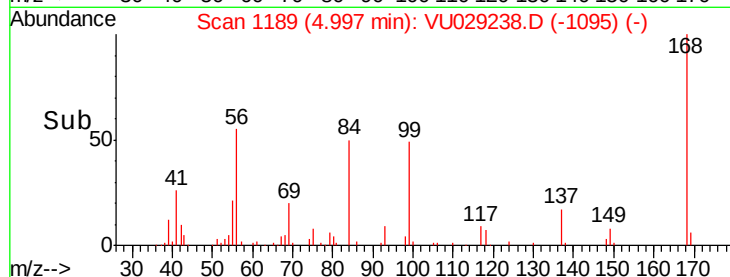
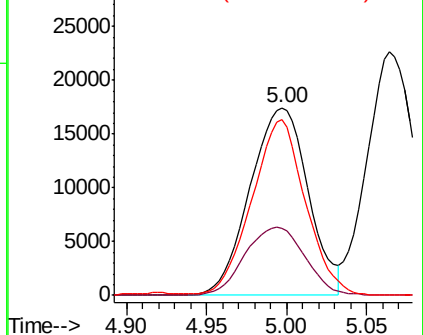
#31
Cyclohexane
Concen: 18.442 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 56 Resp: 43920
Ion Ratio Lower Upper
56 100
69 35.9 26.7 40.1
84 92.8 65.7 98.5

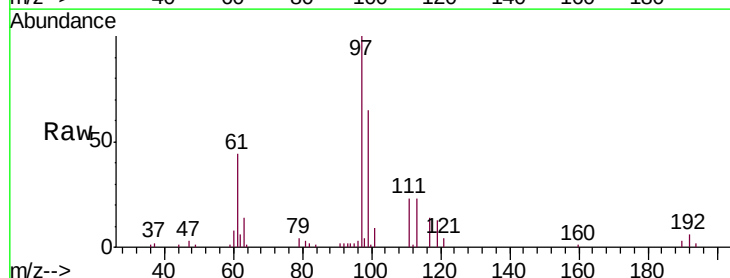


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

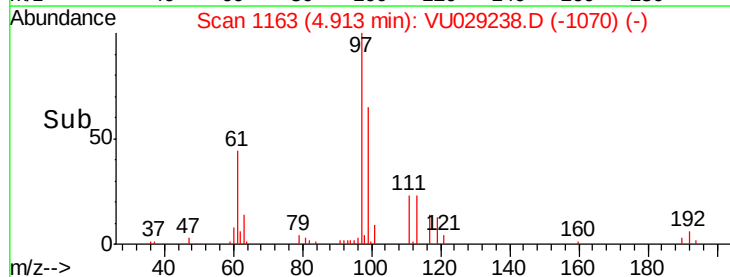
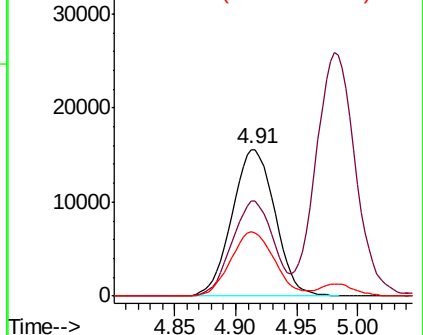


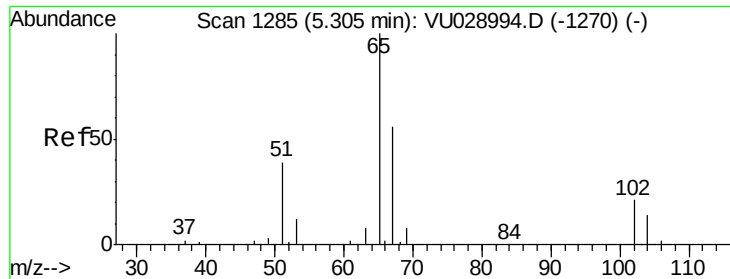
#32
1,1,1-Trichloroethane
Concen: 19.864 ug/l
RT: 4.91 min Scan# 1163
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 97 Resp: 37981
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.4
61 45.1 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0

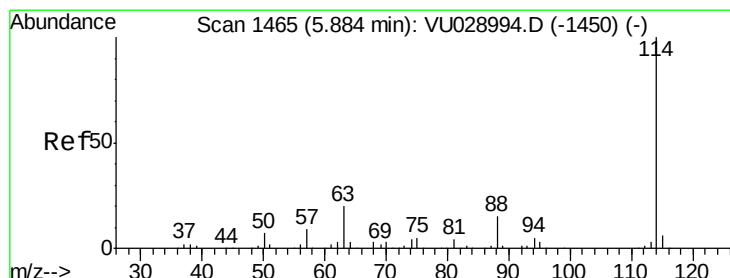
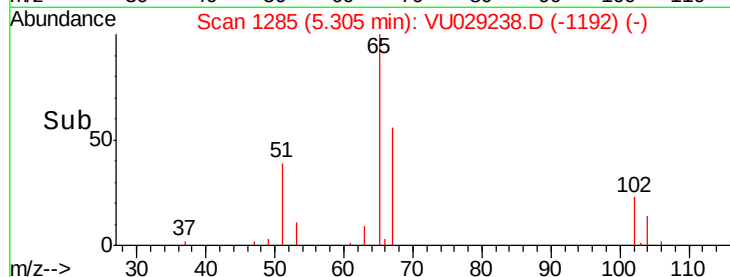
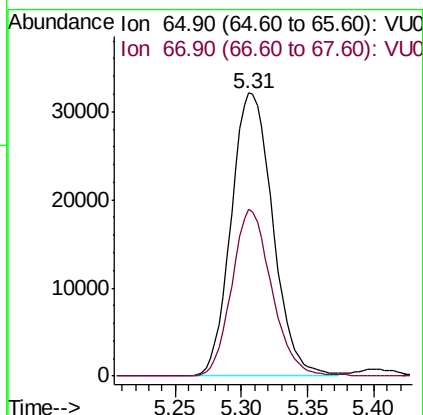
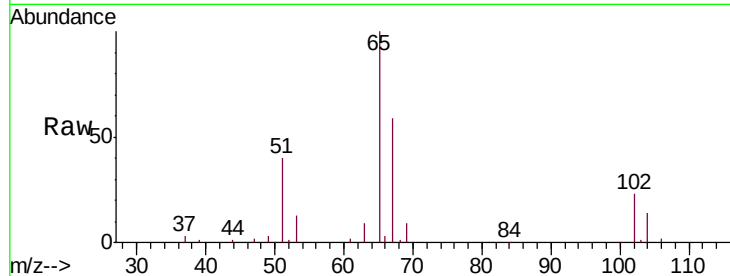




#33
 1,2-Dichloroethane-d4
 Concen: 50.603 ug/l
 RT: 5.31 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

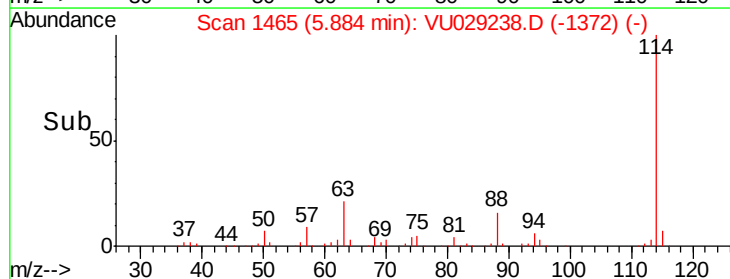
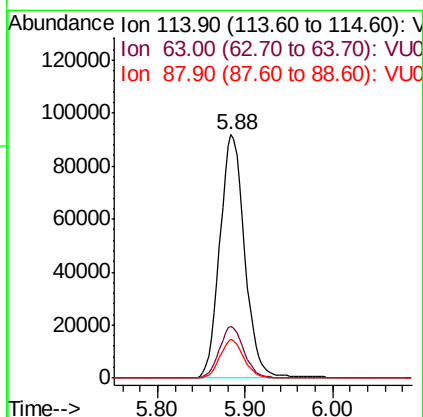
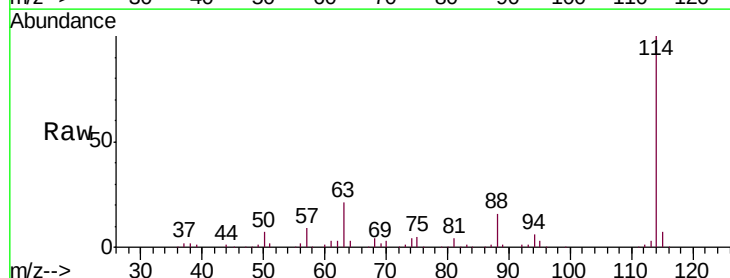
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

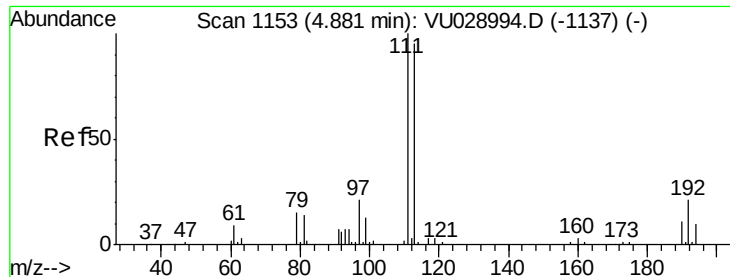
Tgt Ion: 65 Resp: 69999
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.88 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 114 Resp: 181925
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 40.2
 88 15.8 0.0 30.4

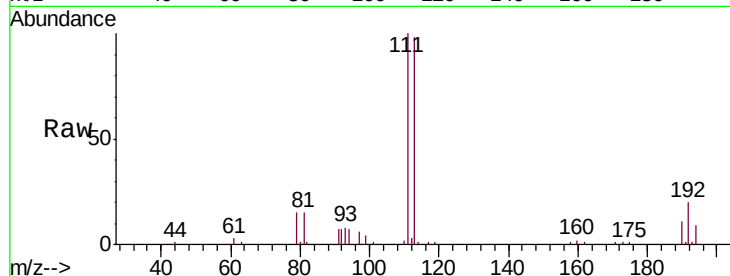




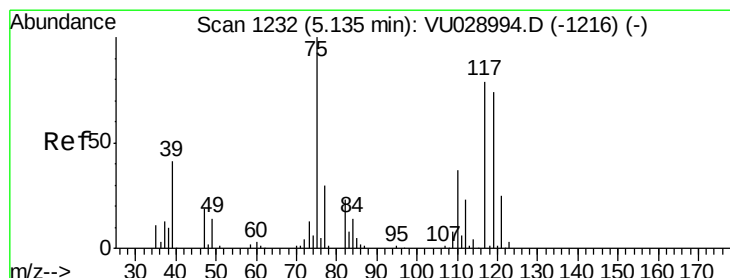
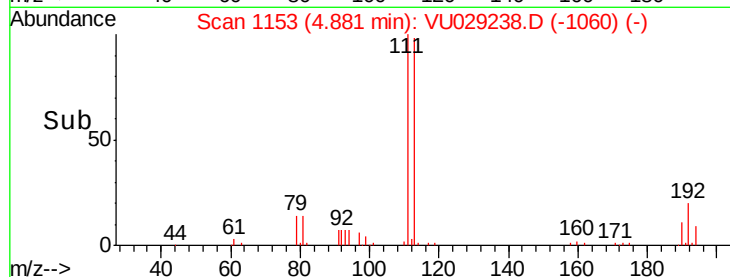
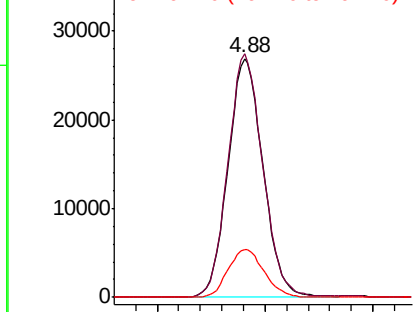
#35
 Dibromofluoromethane
 Concen: 51.649 ug/l
 RT: 4.88 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion:113 Resp: 60909
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.4 122.2
 192 20.6 16.8 25.2

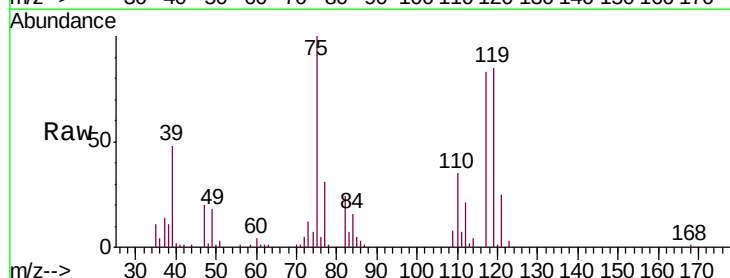


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

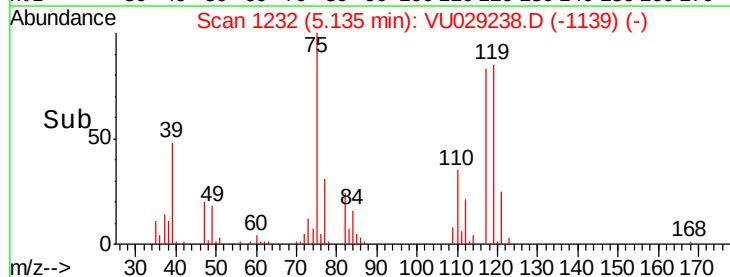
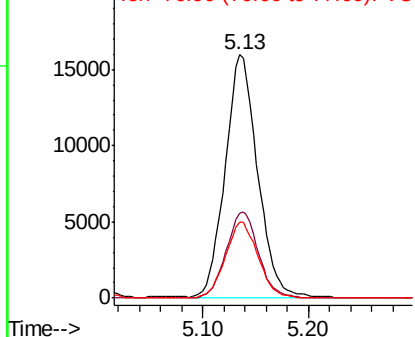


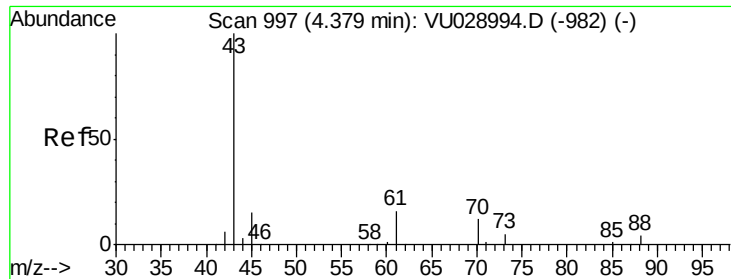
#36
 1,1-Dichloropropene
 Concen: 18.805 ug/l
 RT: 5.13 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 75 Resp: 34196
 Ion Ratio Lower Upper
 75 100
 110 34.8 18.4 55.4
 77 31.1 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

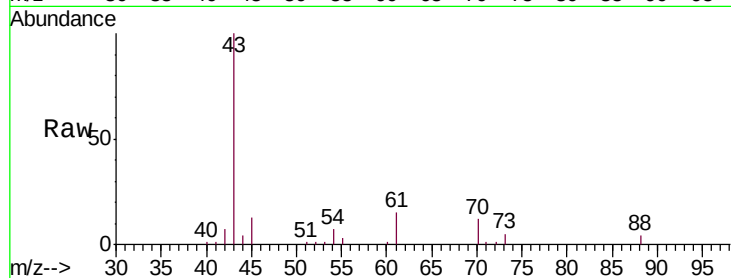




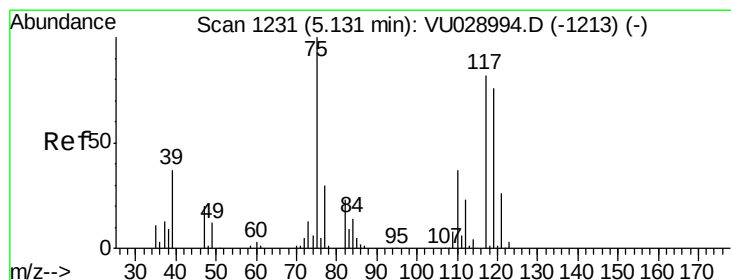
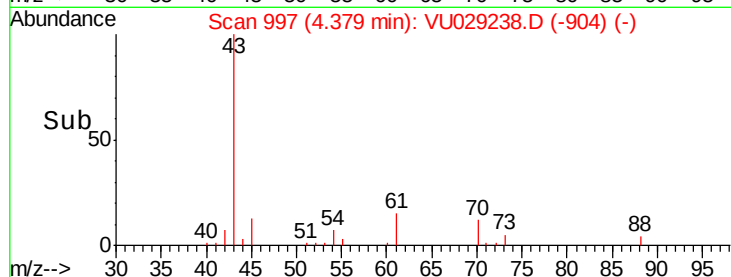
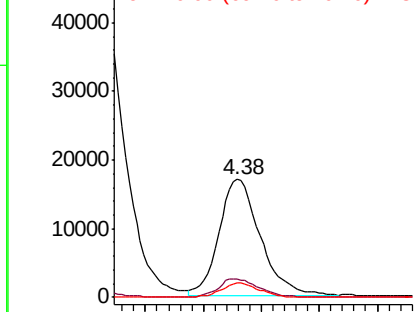
#37
Ethyl Acetate
Concen: 21.101 ug/l
RT: 4.38 min Scan# 997
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 43 Resp: 42118
Ion Ratio Lower Upper
43 100
61 15.5 12.6 18.8
70 11.0 9.3 13.9

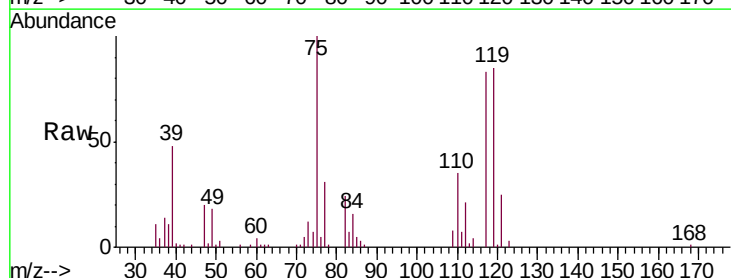


Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 60.90 (60.60 to 61.60): VU0
Ion 70.00 (69.70 to 70.70): VU0

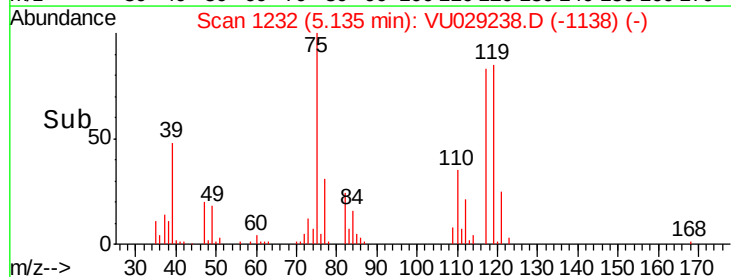
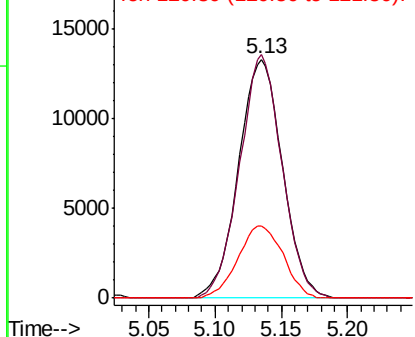


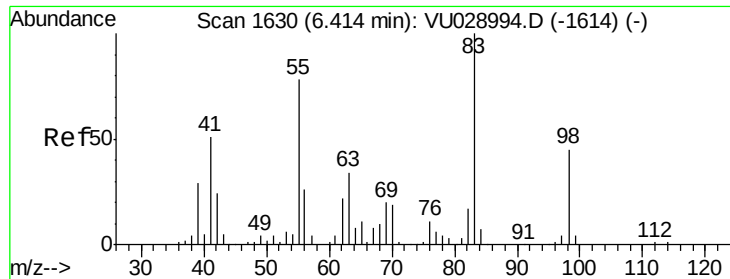
#38
Carbon Tetrachloride
Concen: 20.223 ug/l
RT: 5.13 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 117 Resp: 30672
Ion Ratio Lower Upper
117 100
119 101.9 74.6 111.8
121 30.2 25.0 37.6



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

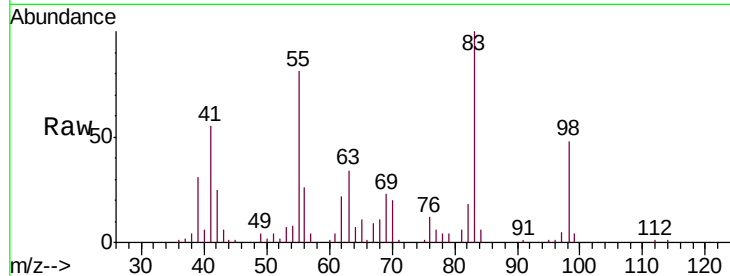




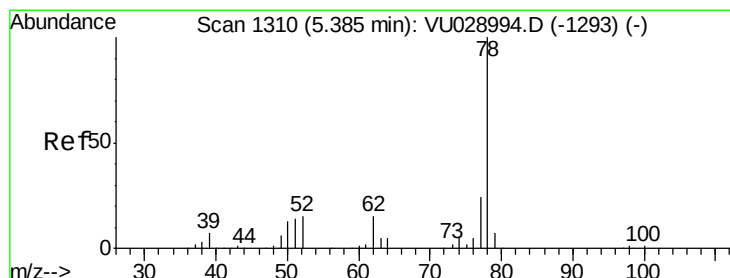
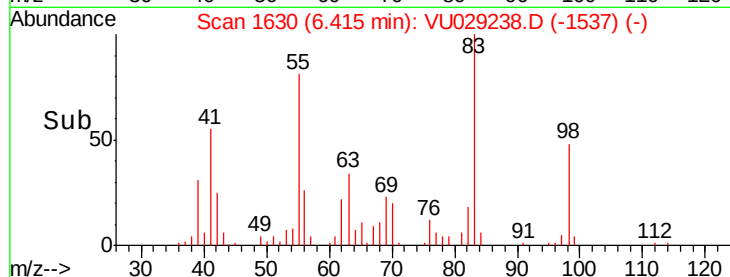
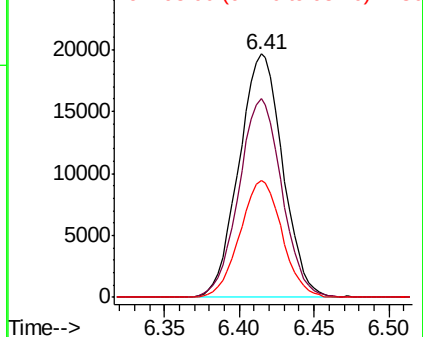
#39
Methylcyclohexane
Concen: 17.861 ug/l
RT: 6.41 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 83 Resp: 39928
Ion Ratio Lower Upper
83 100
55 81.4 62.4 93.6
98 48.2 36.2 54.2

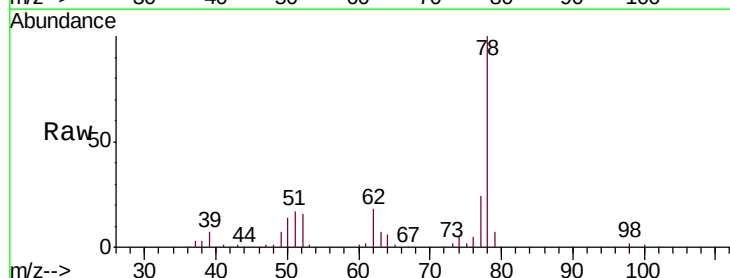


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

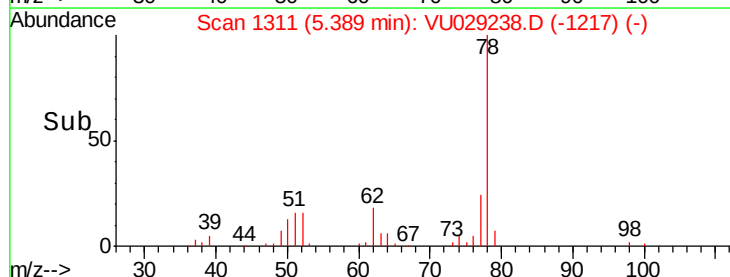
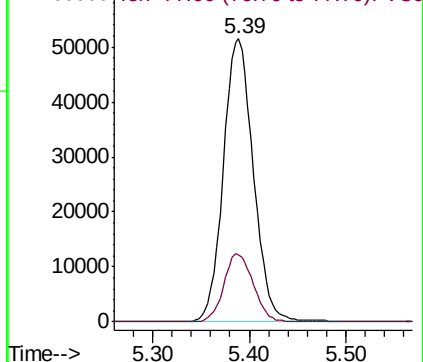


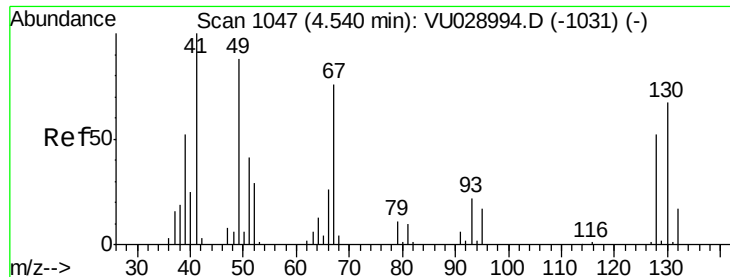
#40
Benzene
Concen: 19.549 ug/l
RT: 5.39 min Scan# 1311
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 78 Resp: 110884
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

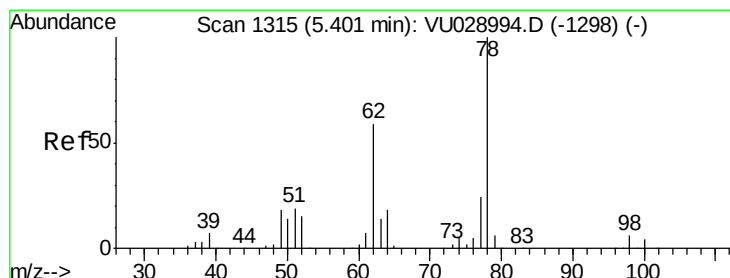
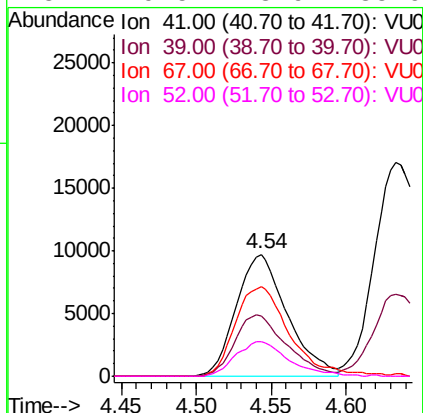
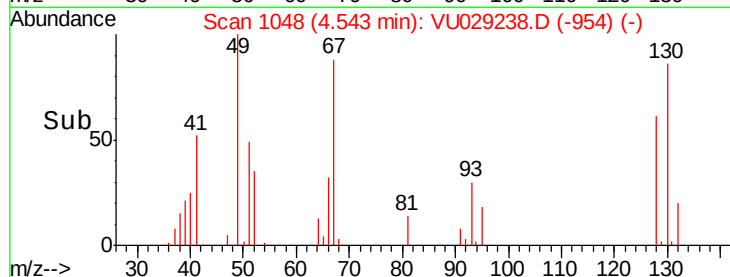
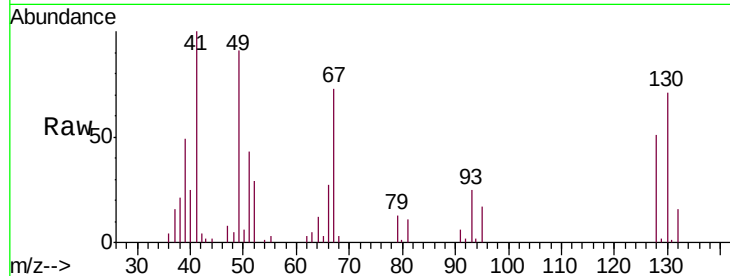




#41
Methacrylonitrile
Concen: 21.622 ug/l
RT: 4.54 min Scan# 1048
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

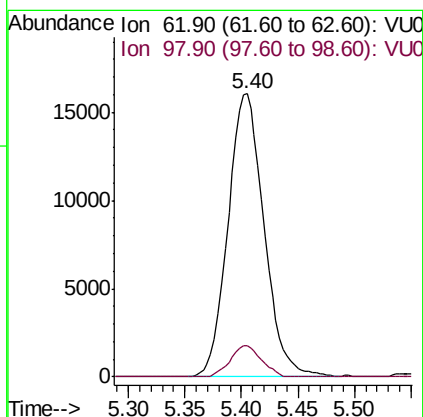
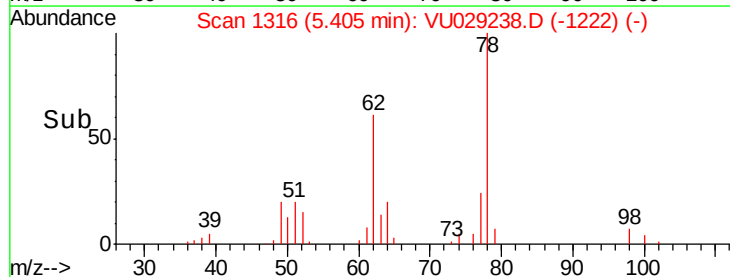
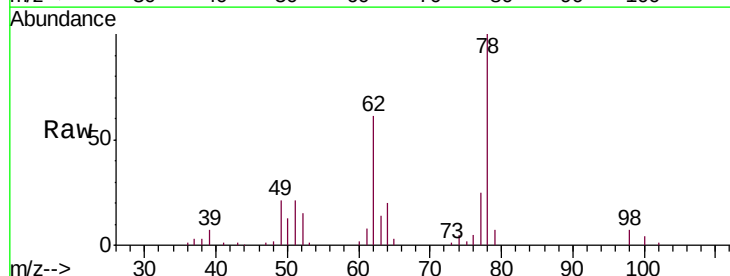
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

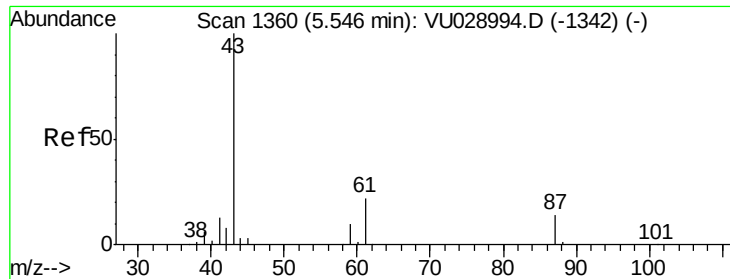
Tgt Ion:	41	Resp:	23102
Ion	Ratio	Lower	Upper
41	100		
39	50.7	42.3	63.5
67	77.8	64.4	96.6
52	29.5	23.9	35.9



#42
1,2-Dichloroethane
Concen: 20.855 ug/l
RT: 5.40 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion:	62	Resp:	35545
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6





#43

Isopropyl Acetate

Concen: 21.089 ug/l

RT: 5.55 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

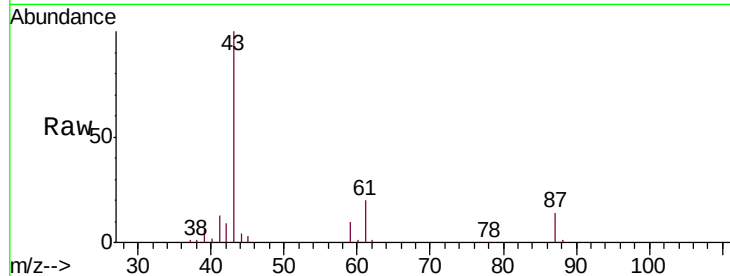
Tgt Ion: 43 Resp: 64572

Ion Ratio Lower Upper

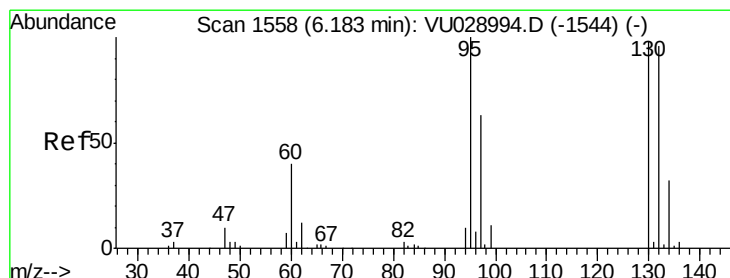
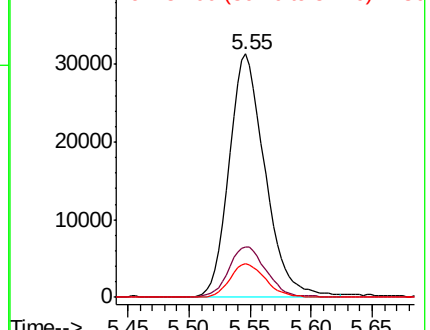
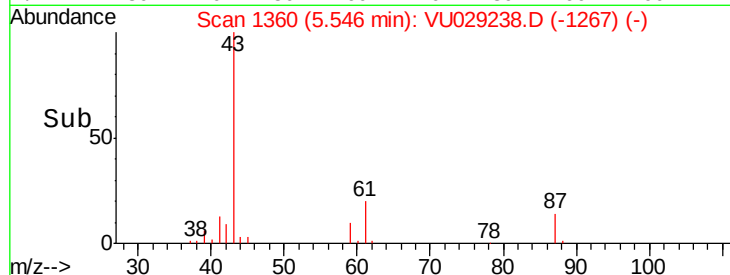
43 100

61 21.6 17.8 26.6

87 13.5 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VU029238.D (-1267) (-)



#44

Trichloroethene

Concen: 19.216 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU029238.D

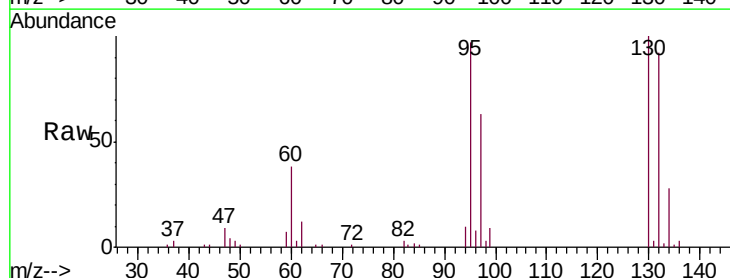
Acq: 21 Jan 2019 10:56

Tgt Ion: 130 Resp: 27006

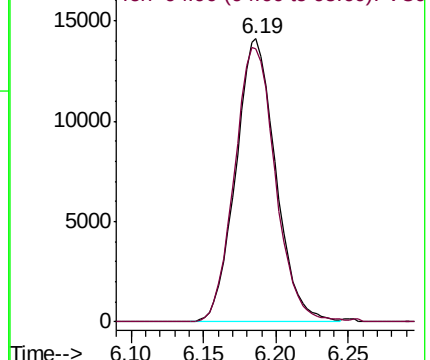
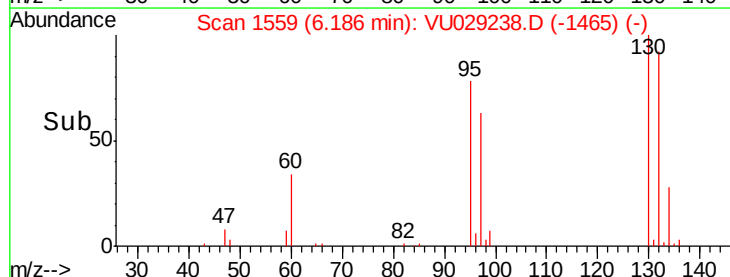
Ion Ratio Lower Upper

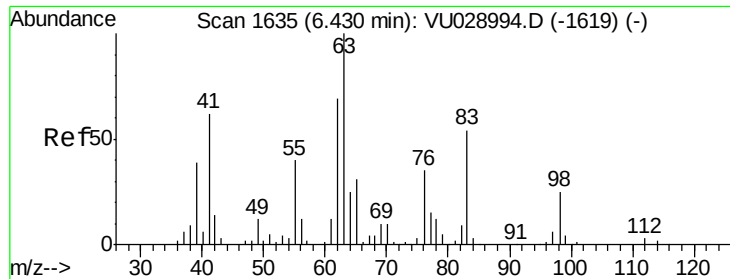
130 100

95 96.7 0.0 205.0



Abundance Ion 129.80 (129.50 to 130.50): VU029238.D (-1465) (-)





#45

1,2-Dichloropropane

Concen: 20.280 ug/l

RT: 6.43 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

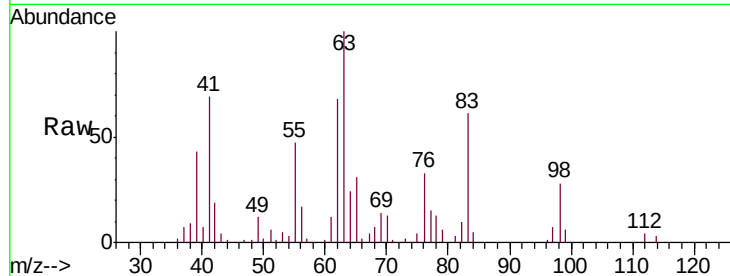
VU0121WBS01

Tgt Ion: 63 Resp: 30378

Ion Ratio Lower Upper

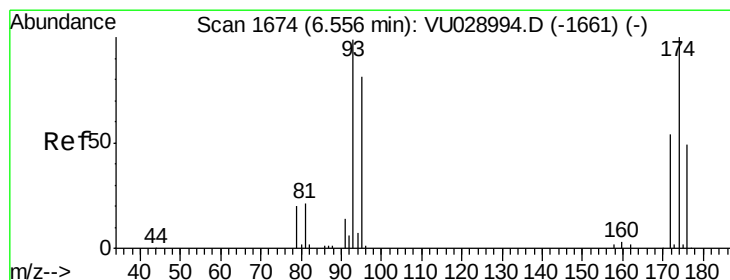
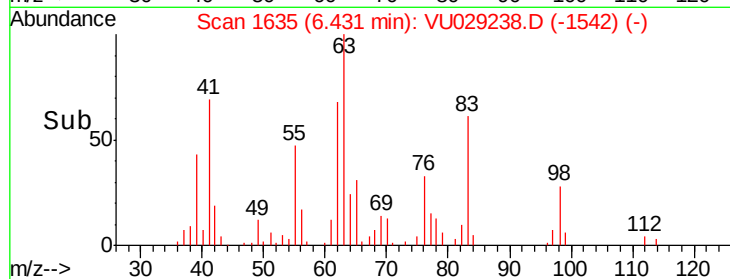
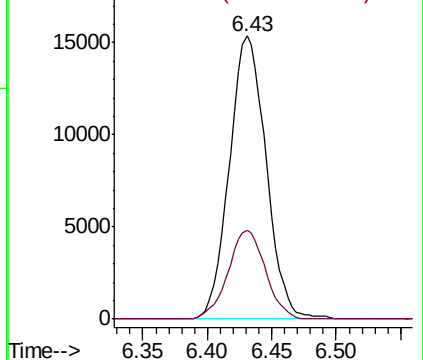
63 100

65 31.2 25.1 37.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 20.091 ug/l

RT: 6.56 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

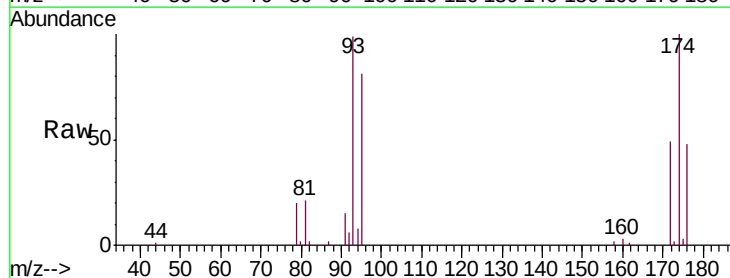
Tgt Ion: 93 Resp: 19238

Ion Ratio Lower Upper

93 100

95 81.1 67.2 100.8

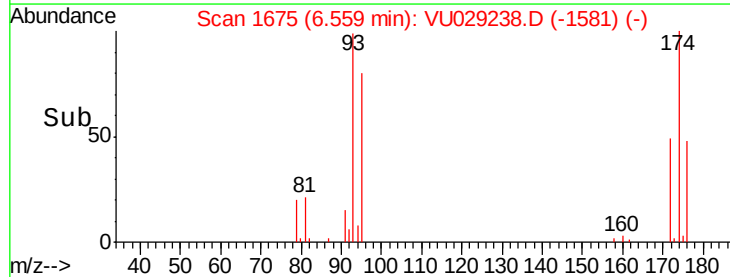
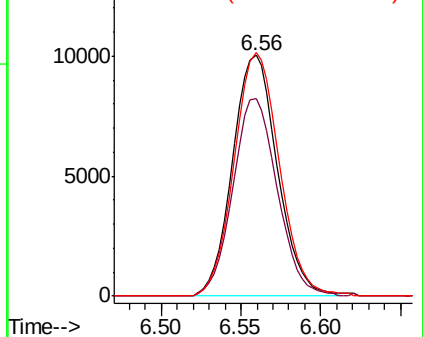
174 101.8 82.6 123.8

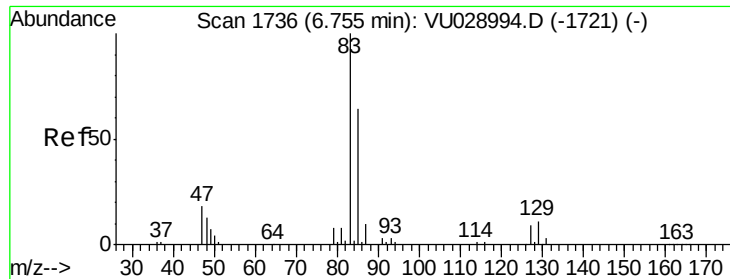


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.817 ug/l

RT: 6.76 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

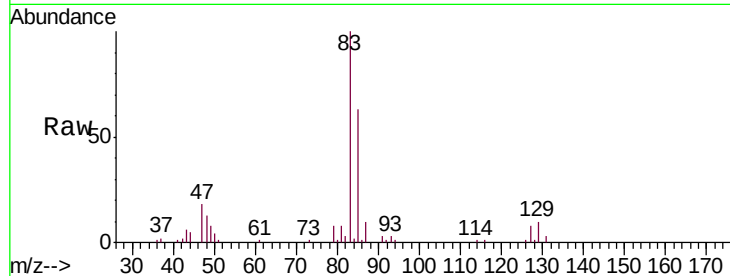
Tgt Ion: 83 Resp: 36700

Ion Ratio Lower Upper

83 100

85 63.4 51.4 77.2

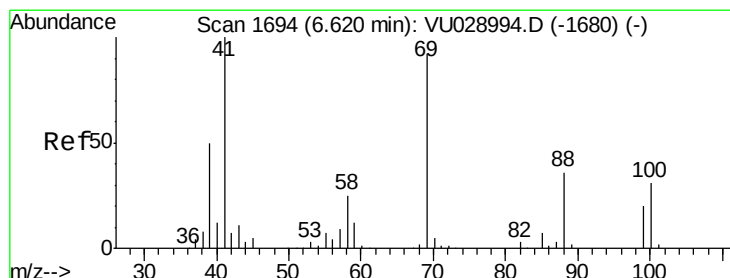
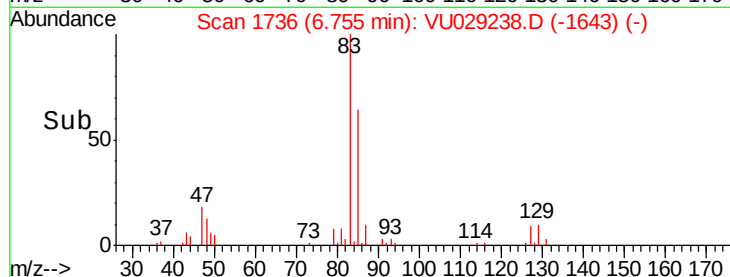
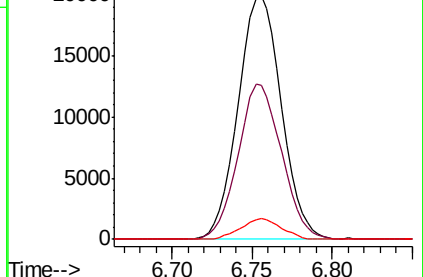
127 8.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VU028994.D (-1721) (-)

Ion 84.90 (84.60 to 85.60): VU028994.D (-1721) (-)

Ion 126.80 (126.50 to 127.50): VU028994.D (-1721) (-)



#48

Methyl methacrylate

Concen: 21.704 ug/l

RT: 6.62 min Scan# 1694

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

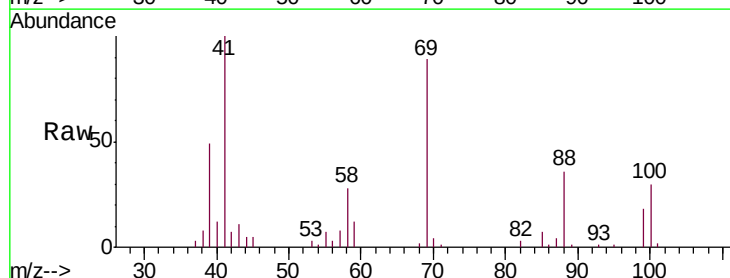
Tgt Ion: 41 Resp: 32358

Ion Ratio Lower Upper

41 100

69 89.4 73.6 110.4

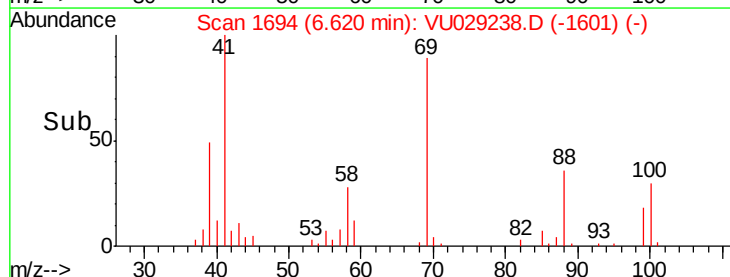
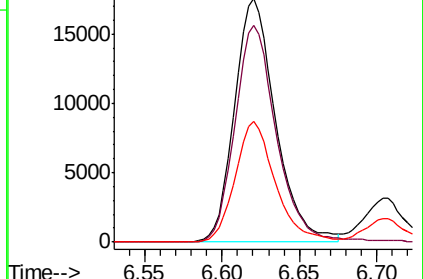
39 48.4 39.6 59.4

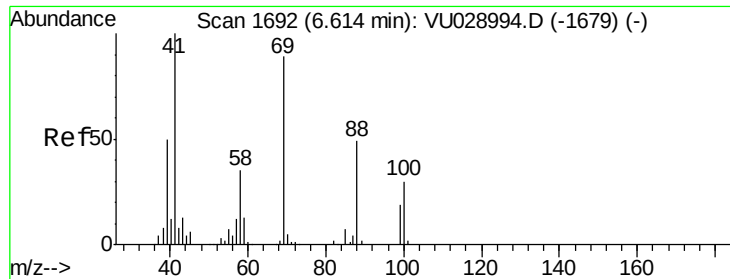


Abundance Ion 41.00 (40.70 to 41.70): VU028994.D (-1680) (-)

Ion 69.00 (68.70 to 69.70): VU028994.D (-1680) (-)

Ion 39.00 (38.70 to 39.70): VU028994.D (-1680) (-)

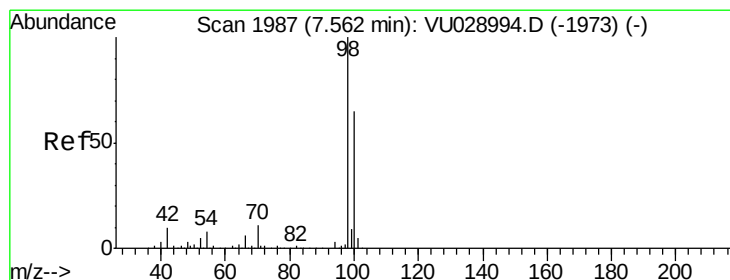
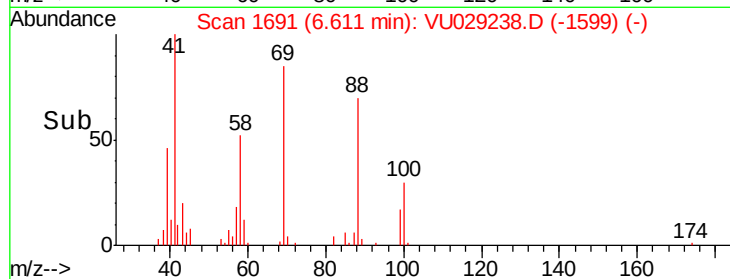
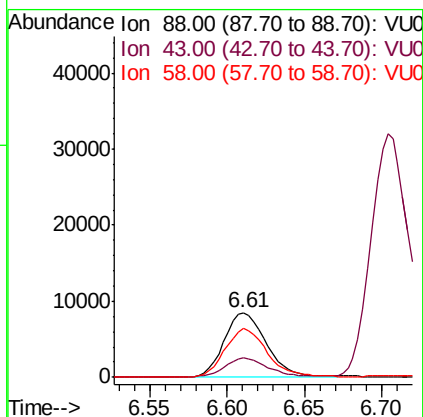
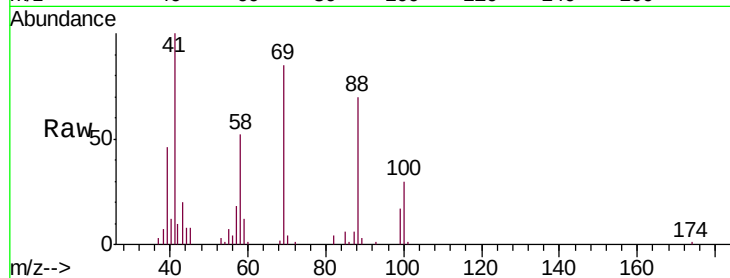




#49
1,4-Dioxane
Concen: 458.676 ug/l
RT: 6.61 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

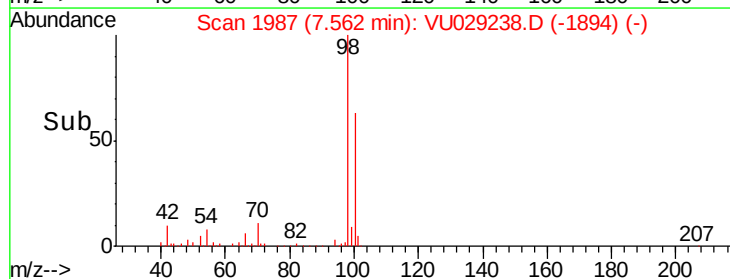
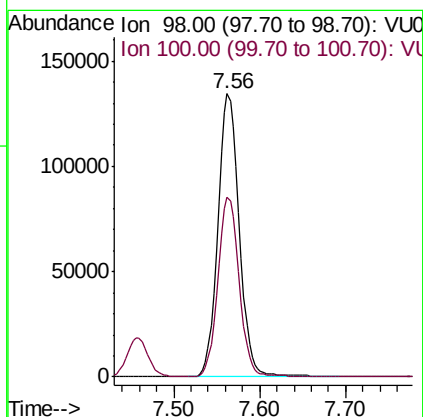
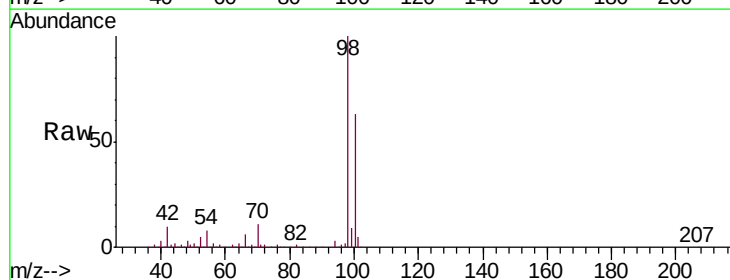
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

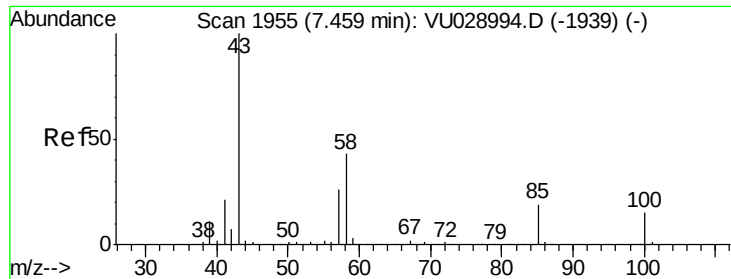
Tgt Ion: 88 Resp: 16206
Ion Ratio Lower Upper
88 100
43 30.9 23.0 34.4
58 74.8 57.9 86.9



#50
Toluene-d8
Concen: 49.907 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 98 Resp: 232353
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4

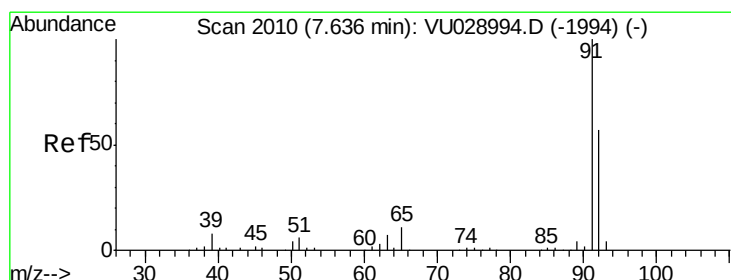
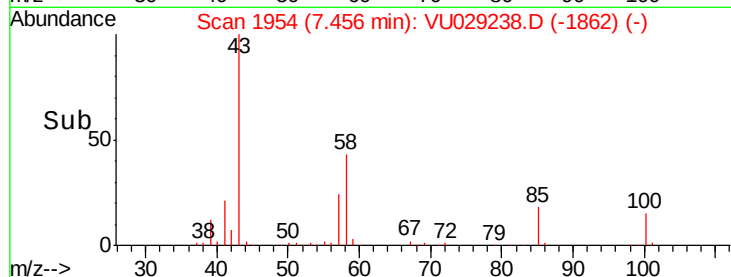
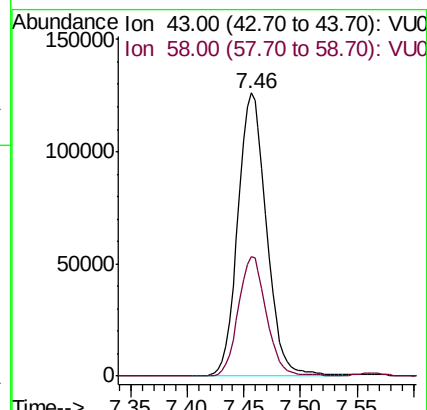
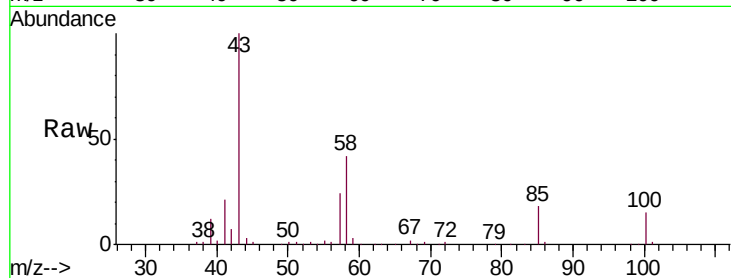




#51
 4-Methyl-2-Pentanone
 Concen: 106.930 ug/l
 RT: 7.46 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

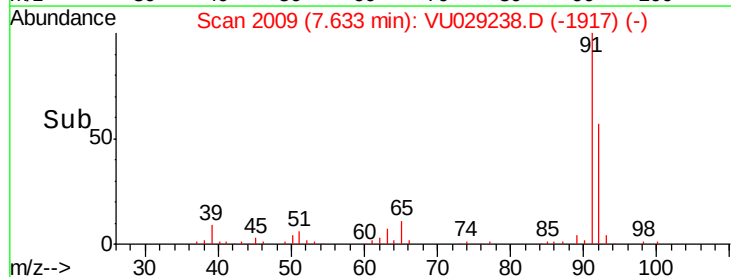
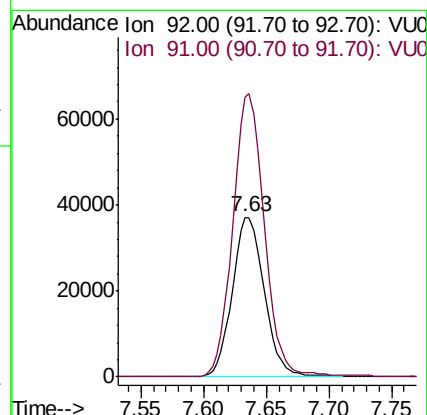
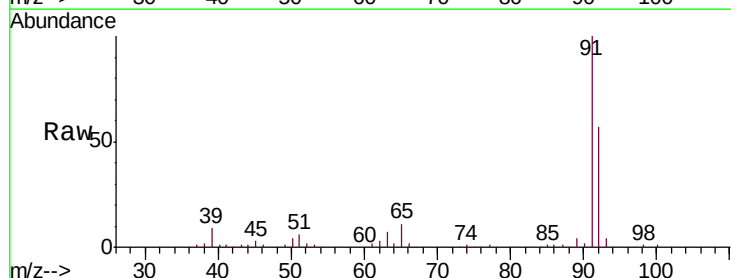
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

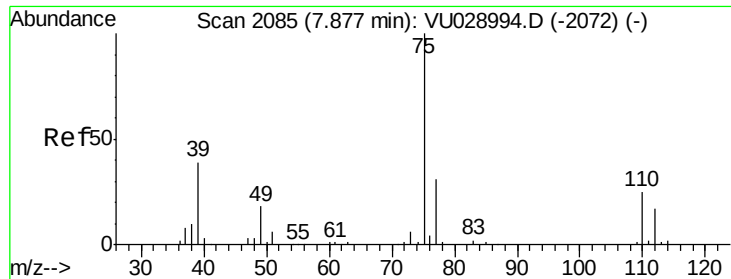
Tgt Ion: 43 Resp: 222819
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.9 50.9



#52
 Toluene
 Concen: 19.076 ug/l
 RT: 7.63 min Scan# 2009
 Delta R.T. -0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 92 Resp: 65871
 Ion Ratio Lower Upper
 92 100
 91 175.8 139.8 209.8

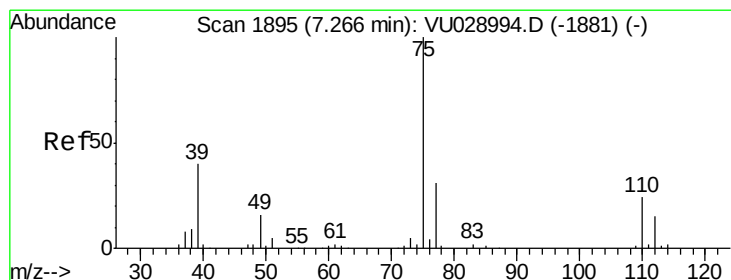
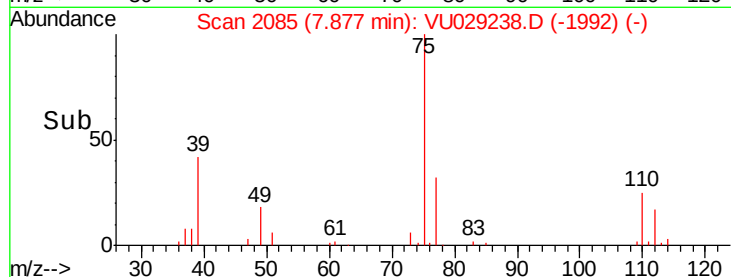
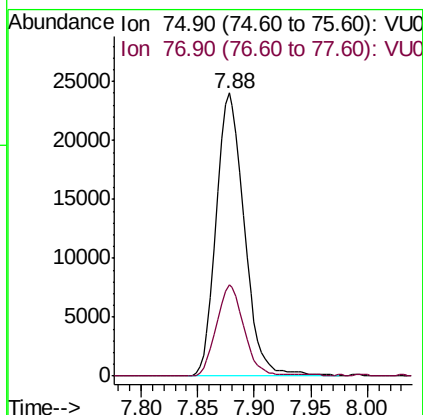
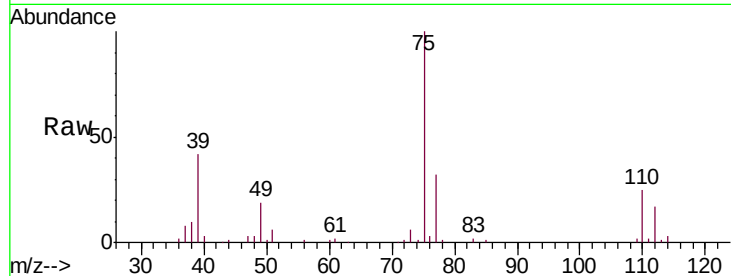




#53
t-1,3-Dichloropropene
Concen: 19.670 ug/l
RT: 7.88 min Scan# 2085
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

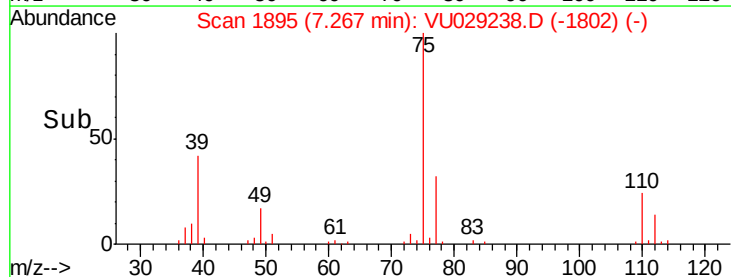
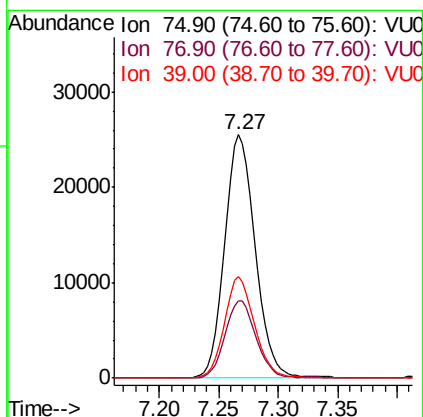
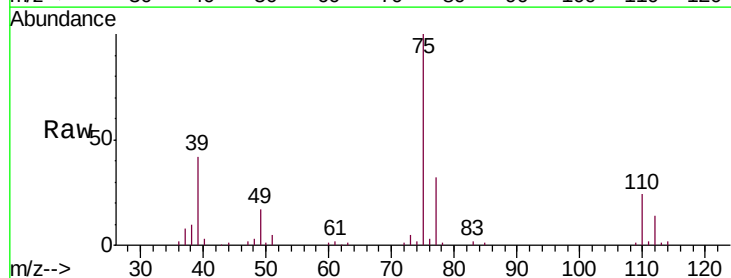
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

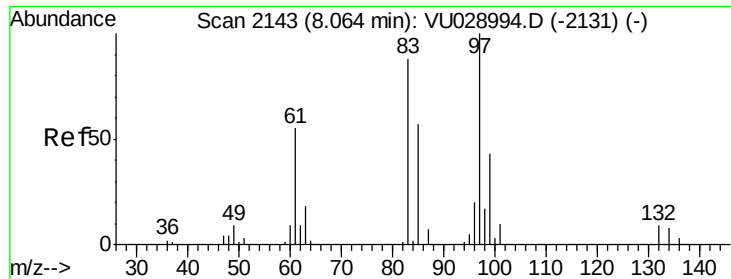
Tgt Ion: 75 Resp: 41659
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.868 ug/l
RT: 7.27 min Scan# 1895
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 75 Resp: 45467
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.6
39 41.8 32.2 48.4

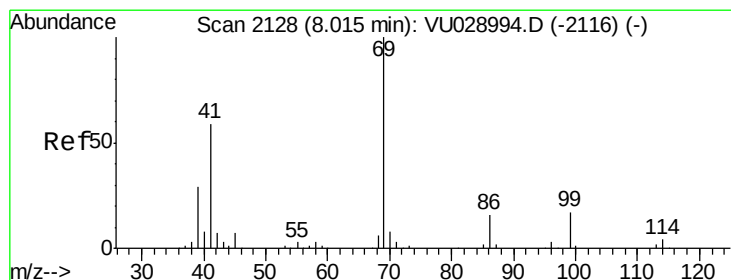
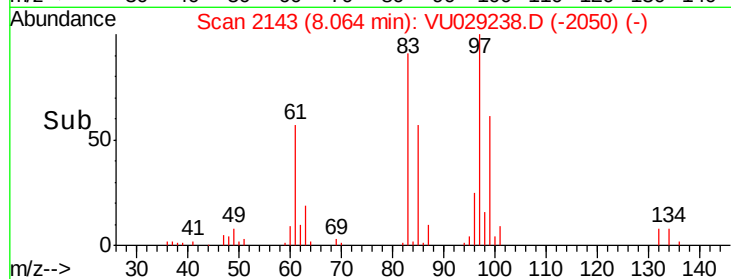
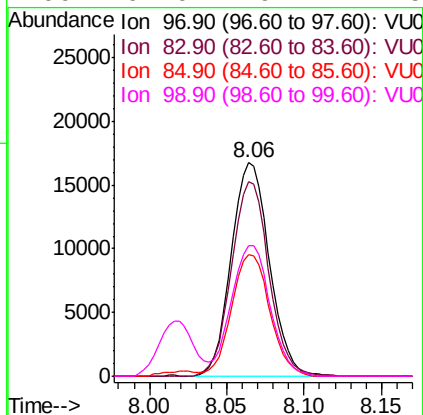
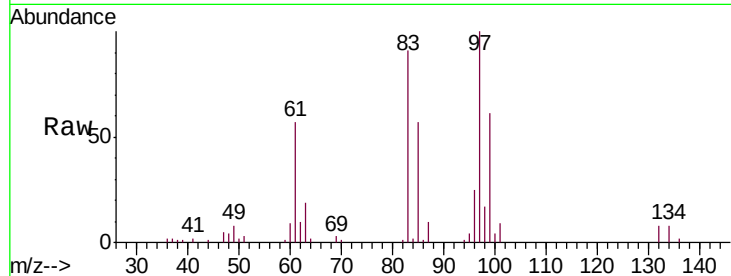




#55
 1,1,2-Trichloroethane
 Concen: 20.745 ug/l
 RT: 8.06 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

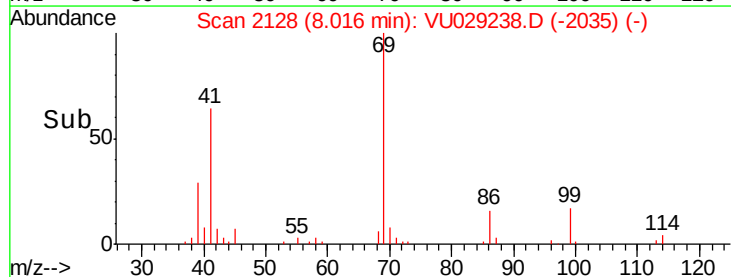
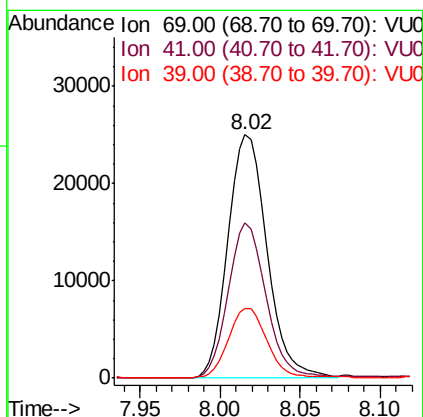
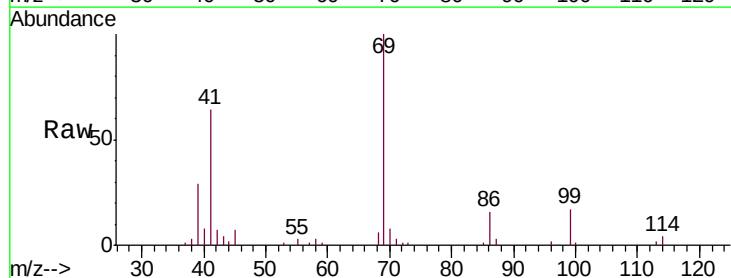
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

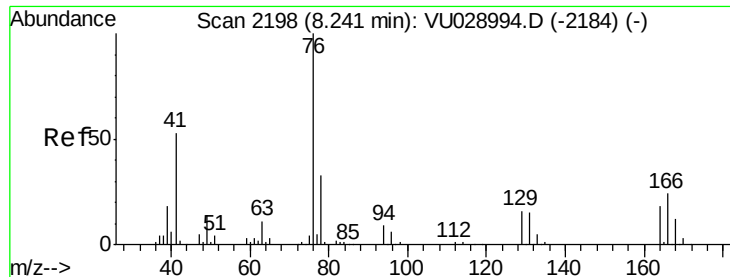
Tgt Ion:	97	Resp:	28697
Ion	Ratio	Lower	Upper
97	100		
83	90.9	69.8	104.8
85	56.8	47.3	70.9
99	61.0	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 19.595 ug/l
 RT: 8.02 min Scan# 2128
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion:	69	Resp:	41761
Ion	Ratio	Lower	Upper
69	100		
41	61.6	47.5	71.3
39	28.6	22.5	33.7

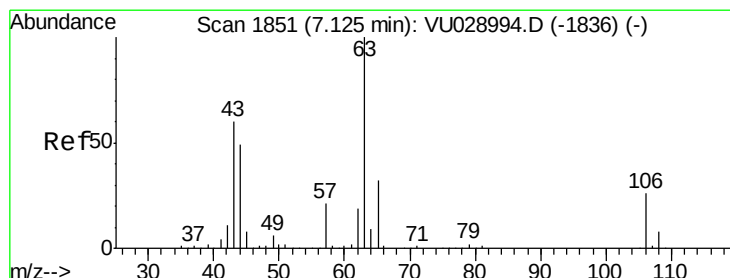
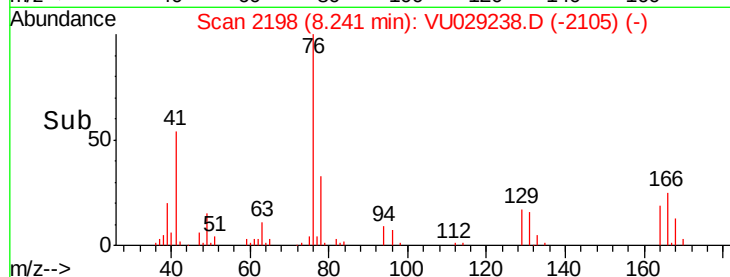
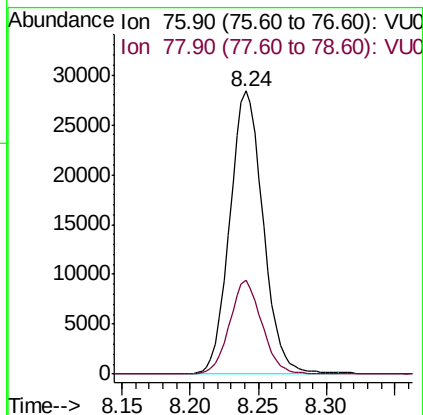
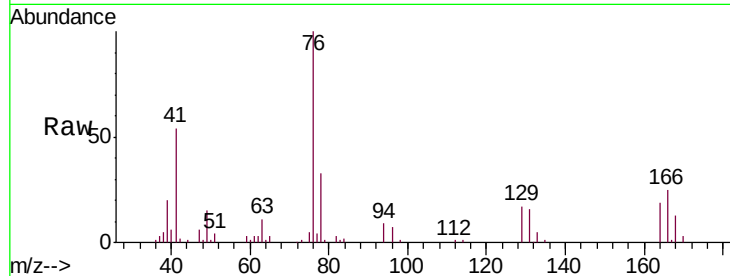




#57
 1,3-Dichloropropane
 Concen: 20.395 ug/l
 RT: 8.24 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

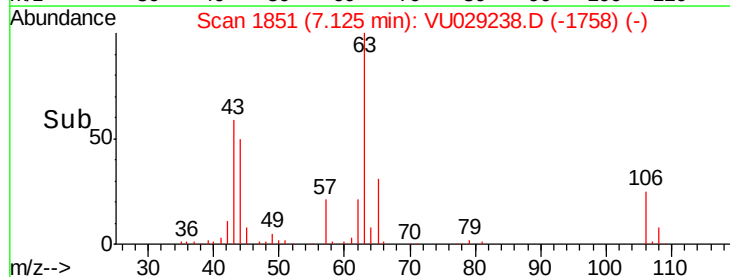
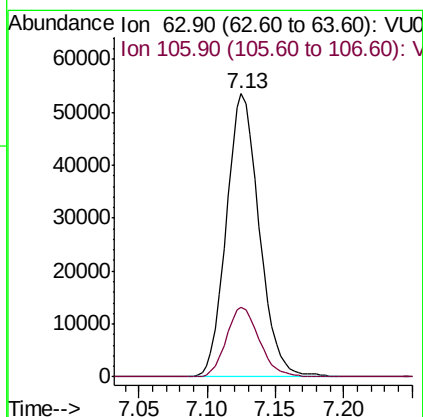
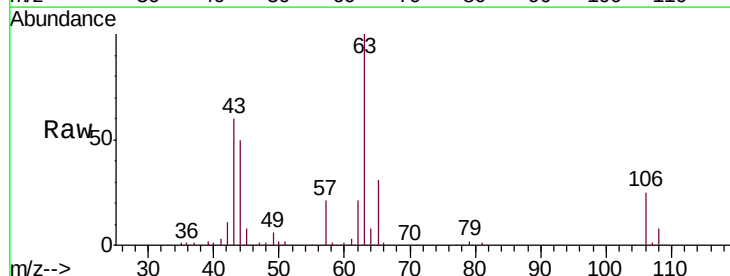
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

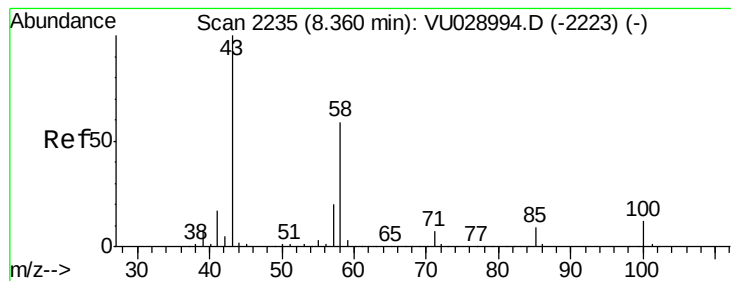
Tgt Ion: 76 Resp: 48276
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.809 ug/l
 RT: 7.13 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 63 Resp: 89798
 Ion Ratio Lower Upper
 63 100
 106 24.6 20.6 31.0





#59

2-Hexanone

Concen: 106.691 ug/l

RT: 8.36 min Scan# 2235

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

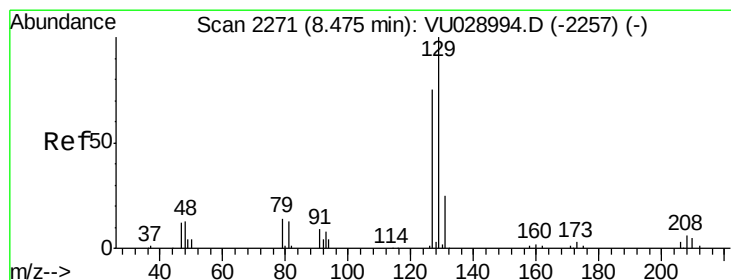
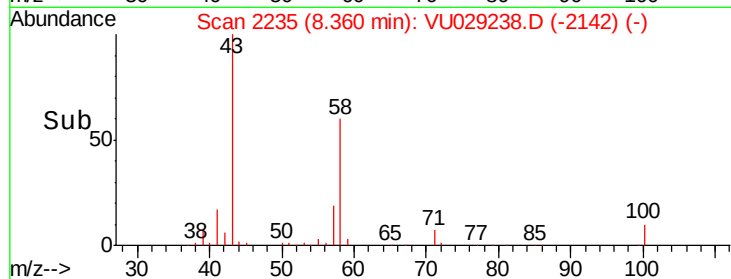
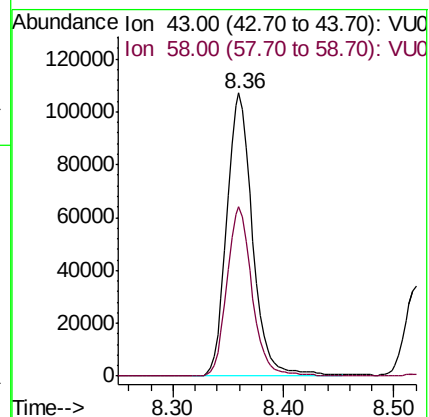
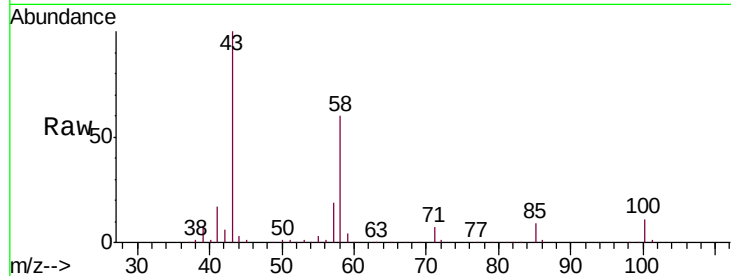
VU0121WBS01

Tgt Ion: 43 Resp: 174514

Ion Ratio Lower Upper

43 100

58 58.3 29.8 89.4



#60

Dibromochloromethane

Concen: 20.776 ug/l

RT: 8.47 min Scan# 2270

Delta R.T. -0.00 min

Lab File: VU029238.D

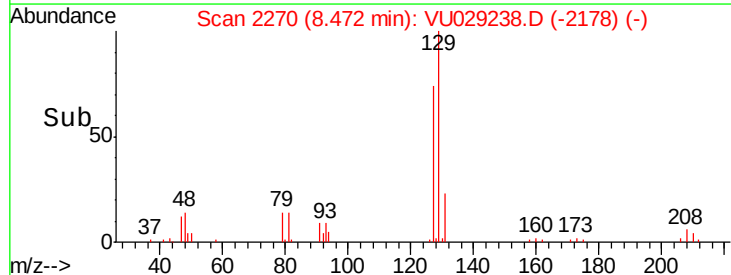
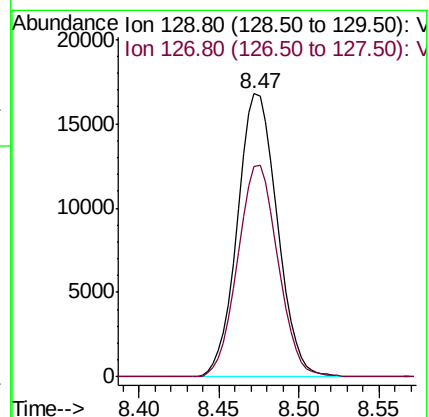
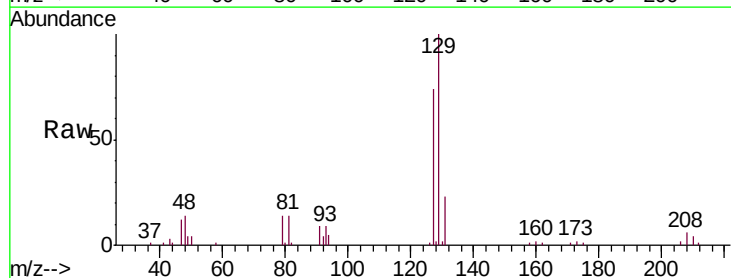
Acq: 21 Jan 2019 10:56

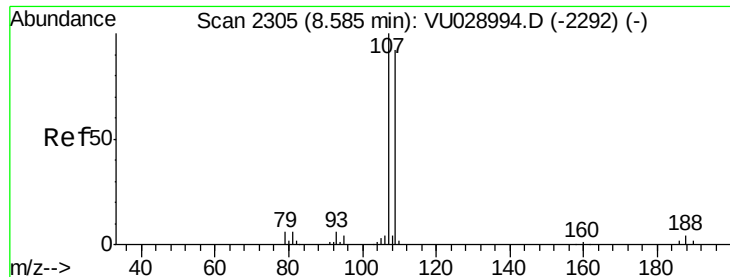
Tgt Ion: 129 Resp: 28473

Ion Ratio Lower Upper

129 100

127 75.7 38.0 114.0





#61

1,2-Dibromoethane

Concen: 19.952 ug/l

RT: 8.58 min Scan# 2305

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

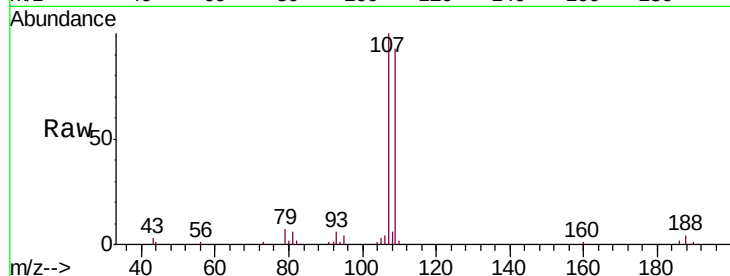
VU0121WBS01

Tgt Ion: 107 Resp: 29934

Ion Ratio Lower Upper

107 100

109 93.2 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

8.58

20000

15000

10000

5000

0

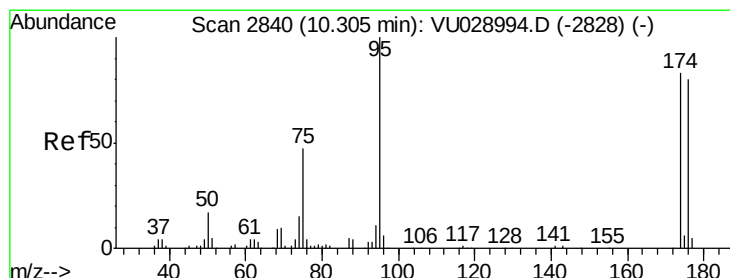
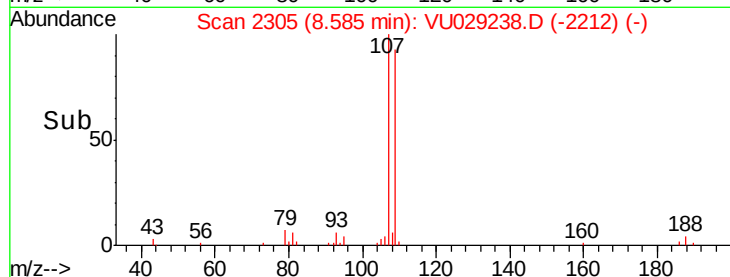
Time-->

8.50

8.55

8.60

8.65



#62

4-Bromofluorobenzene

Concen: 46.318 ug/l

RT: 10.31 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

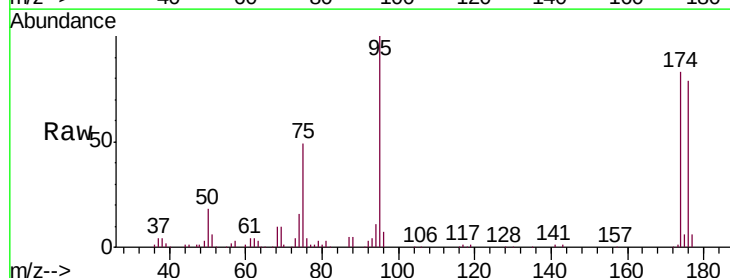
Tgt Ion: 95 Resp: 77498

Ion Ratio Lower Upper

95 100

174 83.7 0.0 170.6

176 79.6 0.0 165.0



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

10.31

60000

40000

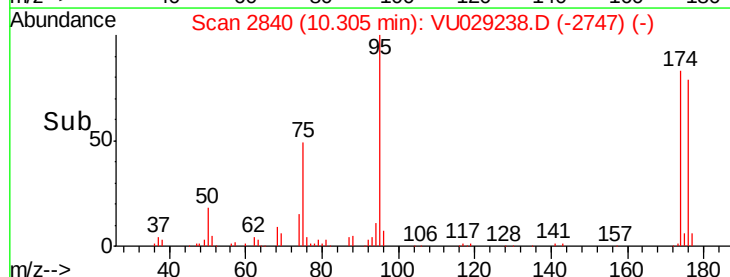
20000

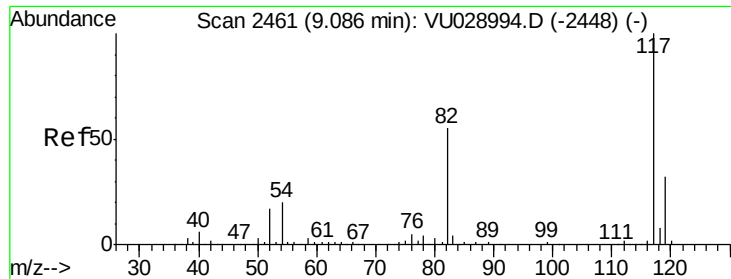
0

Time-->

10.30

10.40

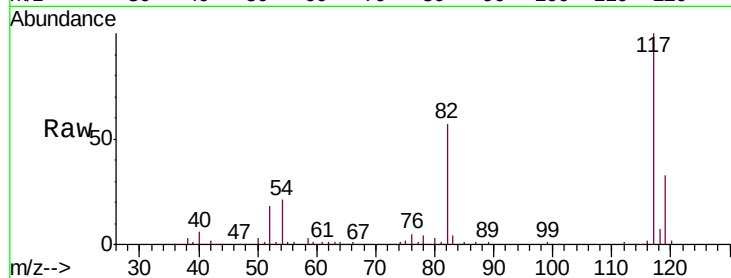




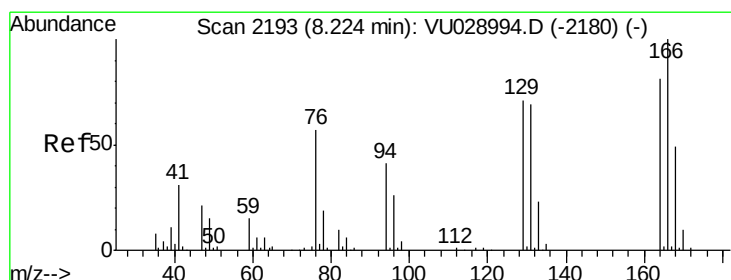
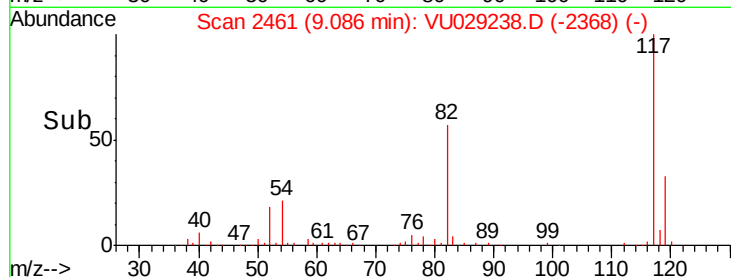
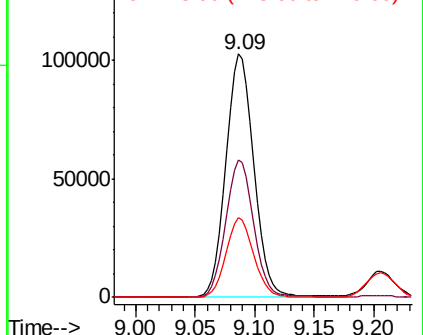
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2461
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:117 Resp: 168442
Ion Ratio Lower Upper
117 100
82 56.5 43.9 65.9
119 32.6 26.0 39.0

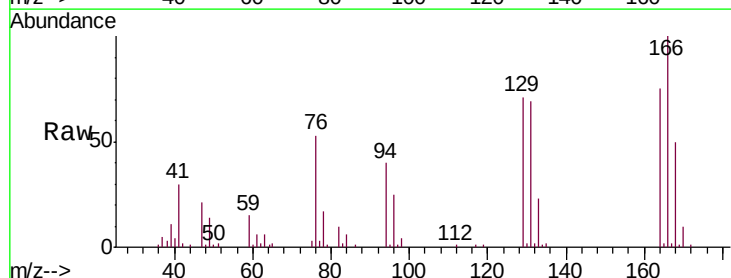


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

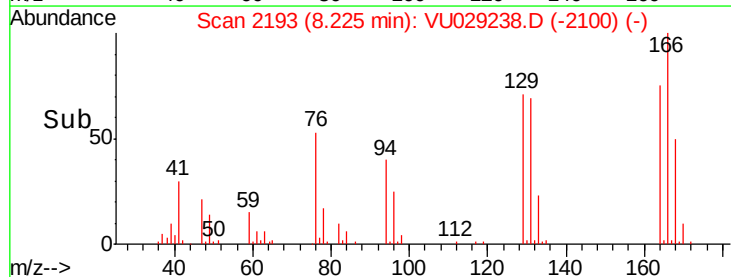
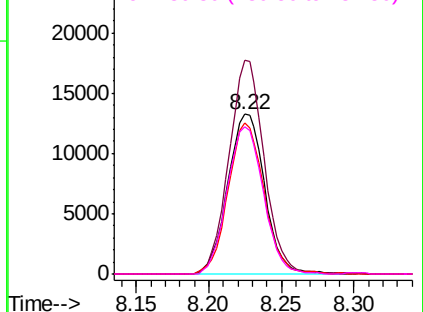


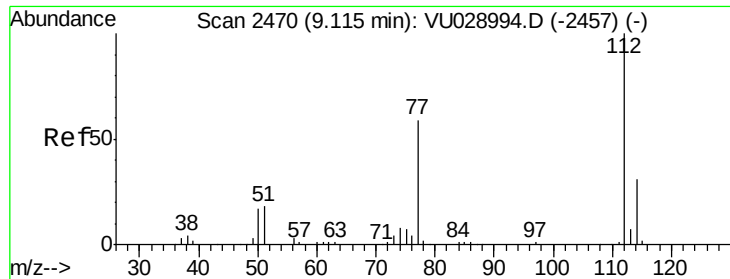
#64
Tetrachloroethene
Concen: 19.257 ug/l
RT: 8.22 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion:164 Resp: 23366
Ion Ratio Lower Upper
164 100
166 133.9 99.4 149.0
129 94.7 70.5 105.7
131 92.5 69.0 103.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

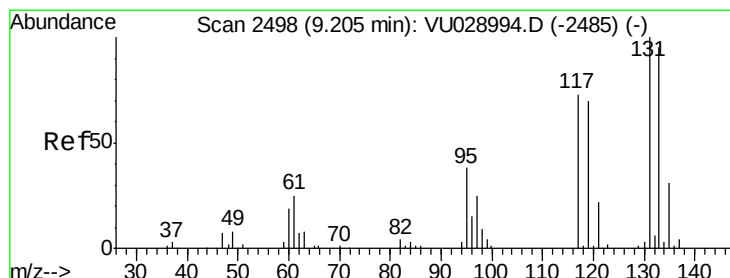
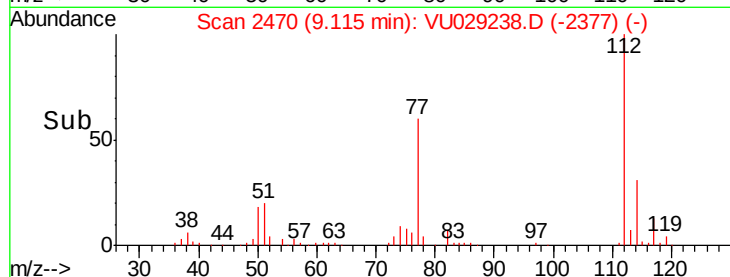
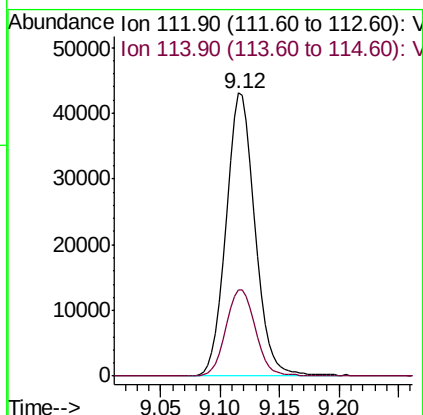
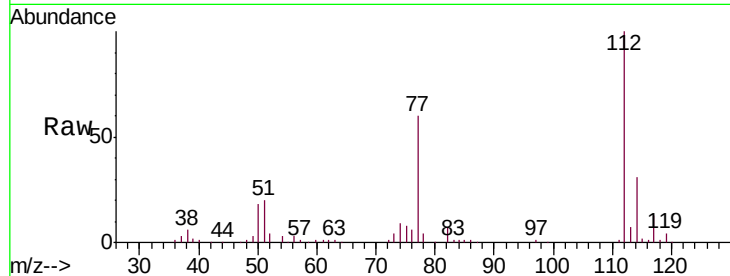




#65
Chlorobenzene
Concen: 19.261 ug/l
RT: 9.12 min Scan# 2470
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

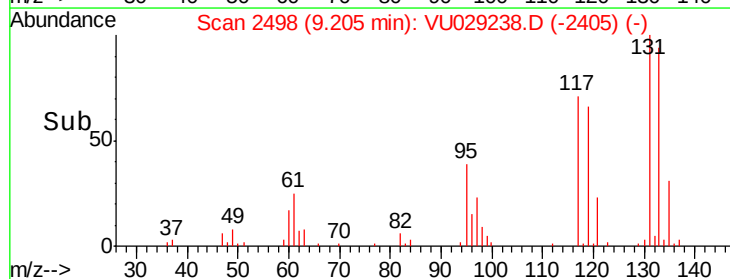
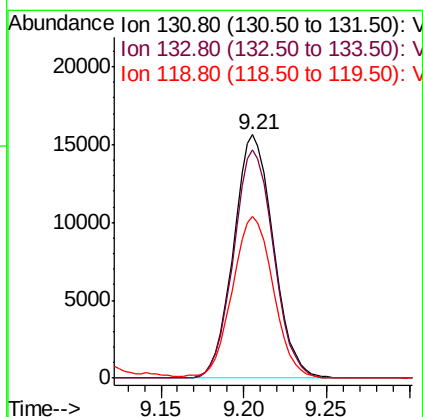
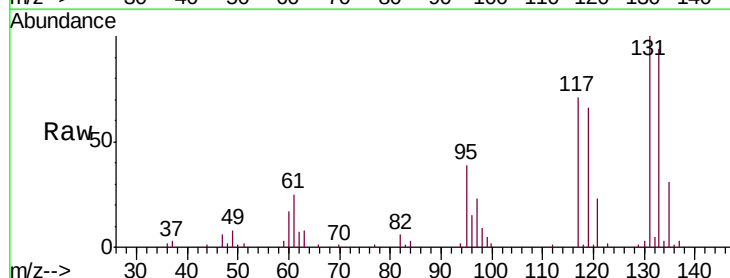
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

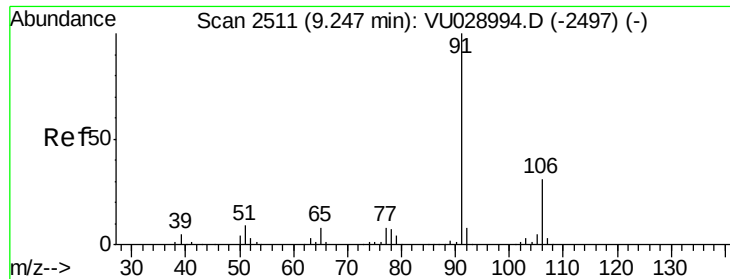
Tgt Ion:112 Resp: 72725
Ion Ratio Lower Upper
112 100
114 30.5 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.314 ug/l
RT: 9.21 min Scan# 2498
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion:131 Resp: 26116
Ion Ratio Lower Upper
131 100
133 94.1 48.2 144.6
119 68.2 35.4 106.3





#67

Ethyl Benzene

Concen: 19.606 ug/l

RT: 9.25 min Scan# 2511

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

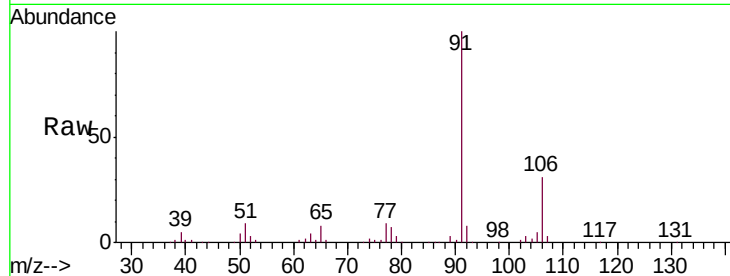
VU0121WBS01

Tgt Ion: 91 Resp: 123588

Ion Ratio Lower Upper

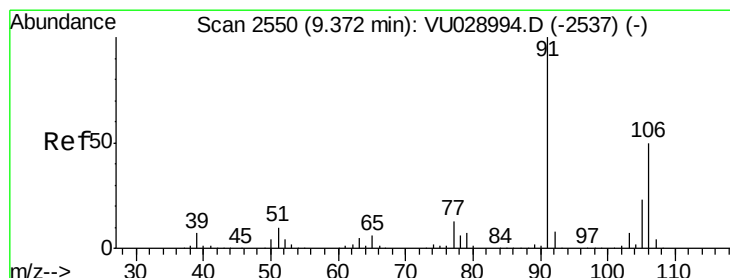
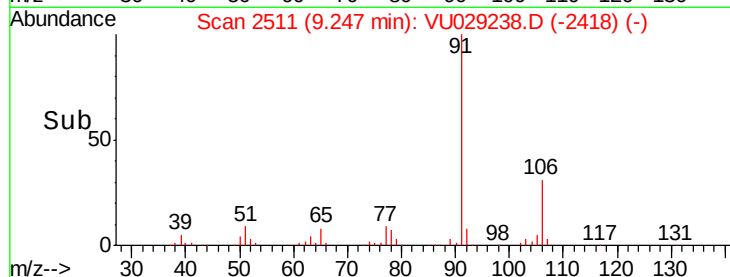
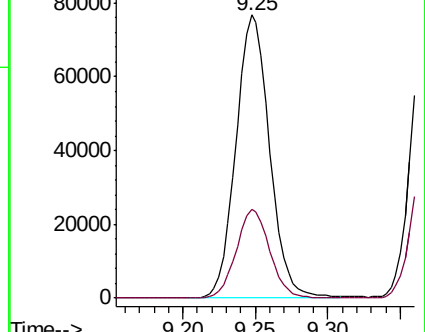
91 100

106 31.4 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VU028994.D (-2497) (-)

Ion 106.00 (105.70 to 106.70): VU028994.D (-2497) (-)



#68

m/p-Xylenes

Concen: 38.610 ug/l

RT: 9.37 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VU029238.D

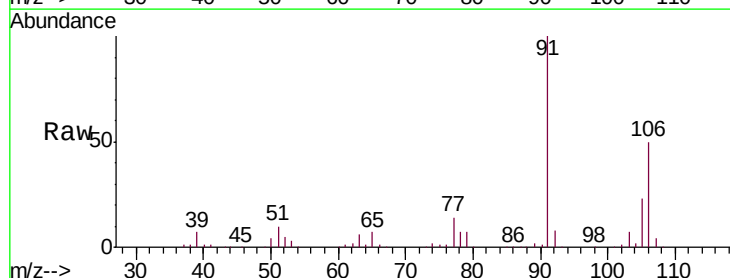
Acq: 21 Jan 2019 10:56

Tgt Ion: 106 Resp: 94567

Ion Ratio Lower Upper

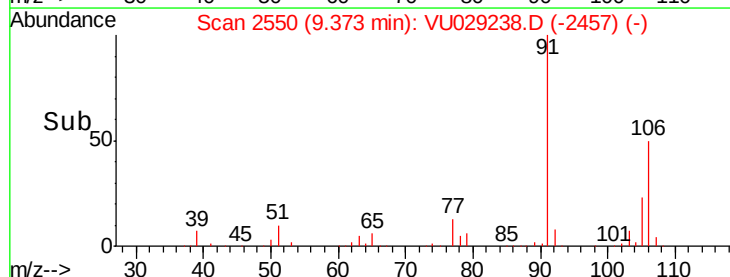
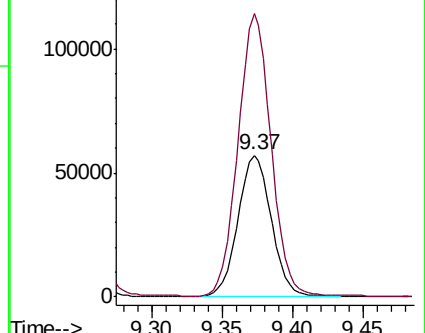
106 100

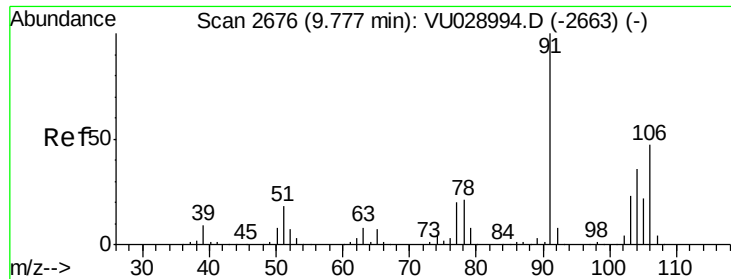
91 198.9 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): VU028994.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU028994.D (-2537) (-)

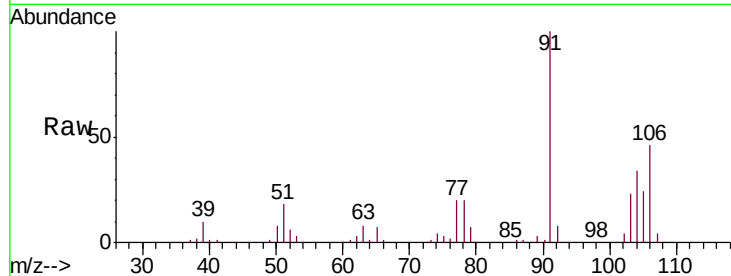




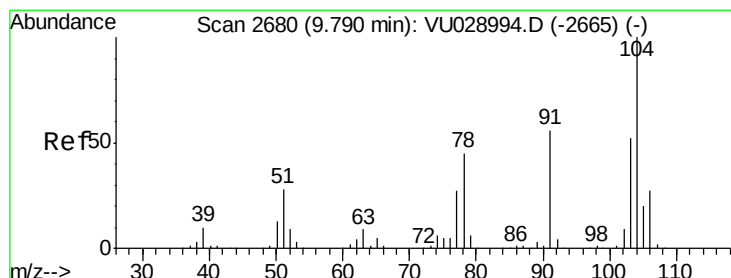
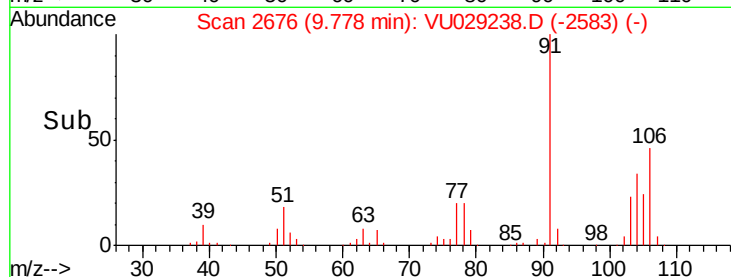
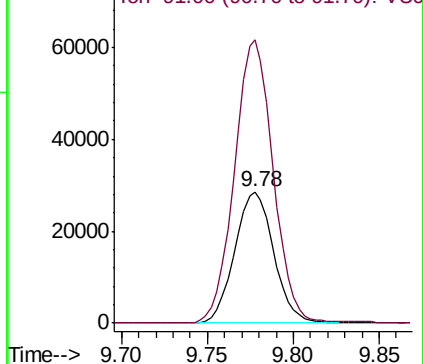
#69
o-Xylene
Concen: 19.123 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:106 Resp: 45131
Ion Ratio Lower Upper
106 100
91 213.9 106.1 318.3

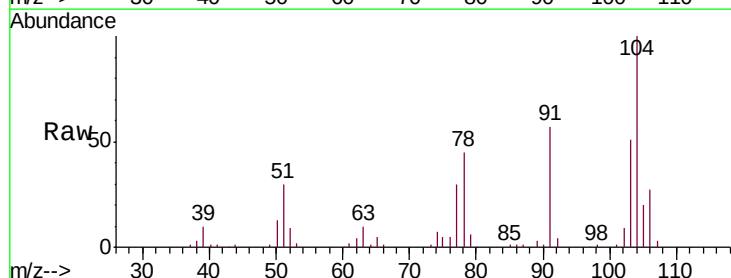


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

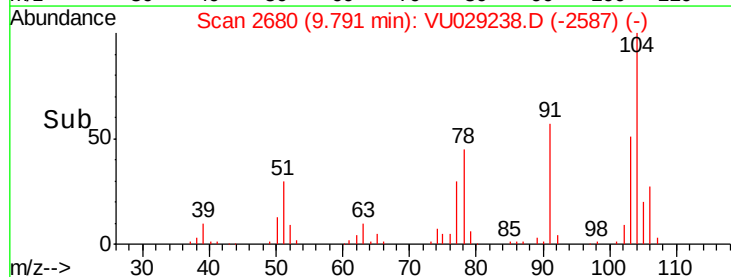
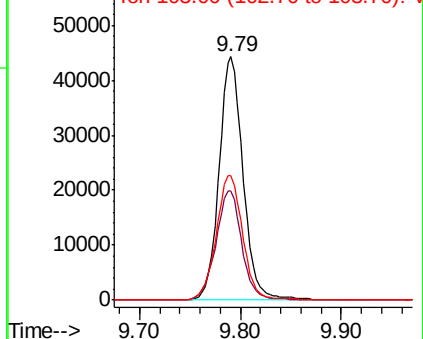


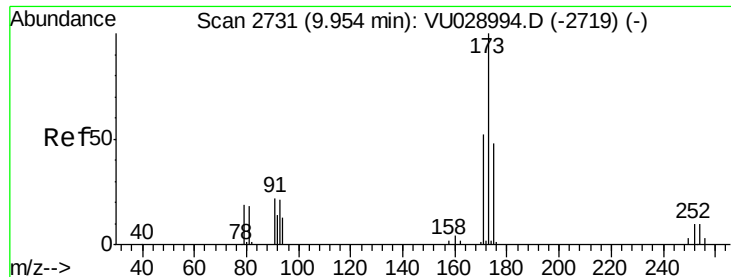
#70
Styrene
Concen: 18.996 ug/l
RT: 9.79 min Scan# 2680
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion:104 Resp: 73494
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 56.0 44.5 66.7



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





#71

Bromoform

Concen: 20.213 ug/l

RT: 9.95 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

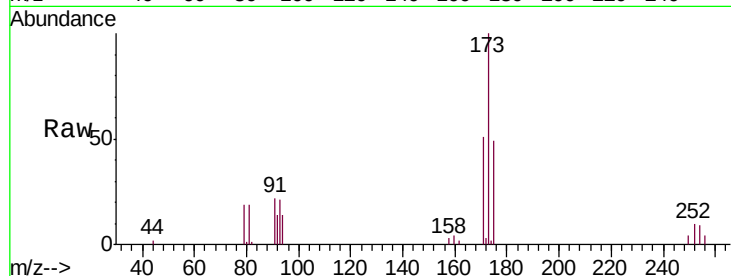
Tgt Ion:173 Resp: 22053

Ion Ratio Lower Upper

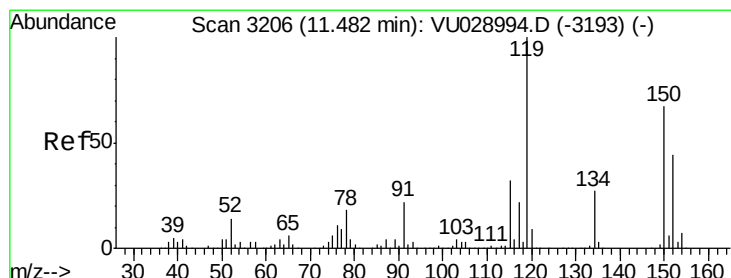
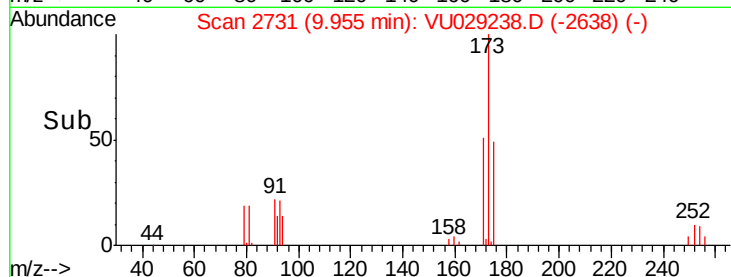
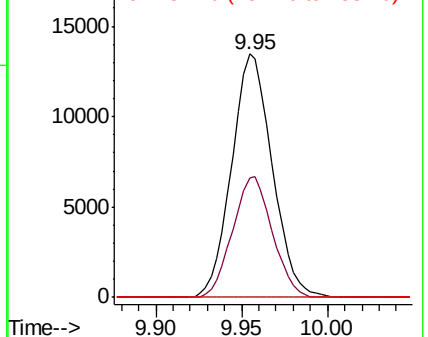
173 100

175 48.3 23.8 71.2

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3206

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

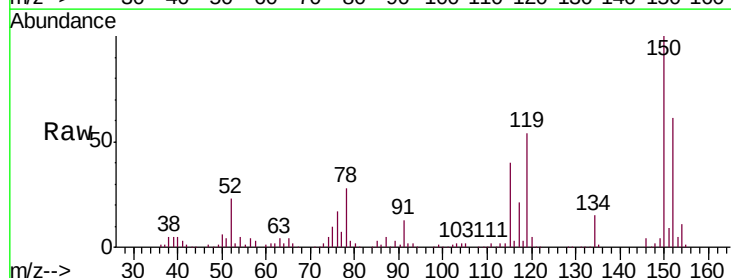
Tgt Ion:152 Resp: 70708

Ion Ratio Lower Upper

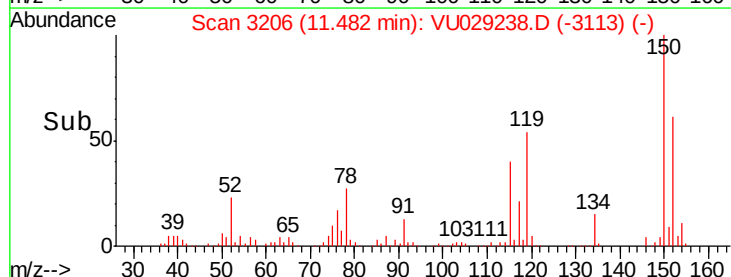
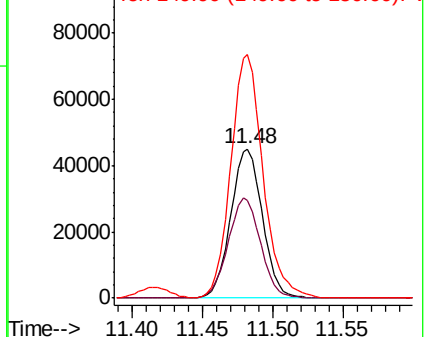
152 100

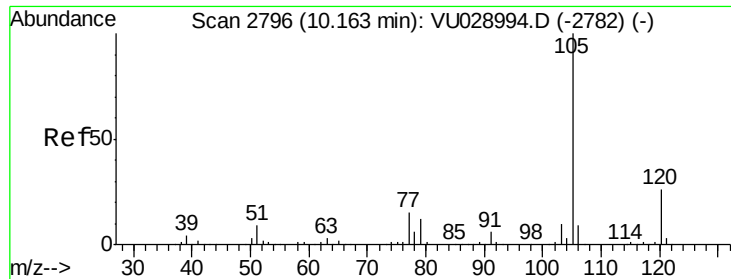
115 68.2 40.1 120.3

150 166.0 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





#73

Isopropylbenzene

Concen: 22.165 ug/l

RT: 10.16 min Scan# 2796

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

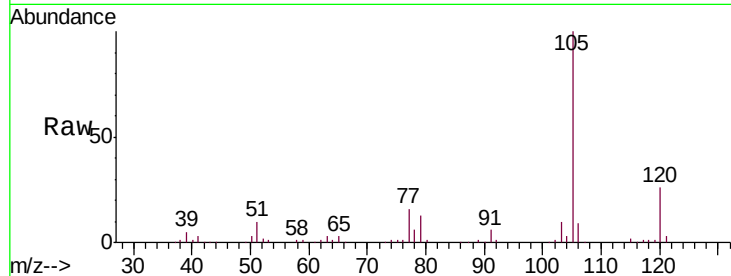
VU0121WBS01

Tgt Ion:105 Resp: 116003

Ion Ratio Lower Upper

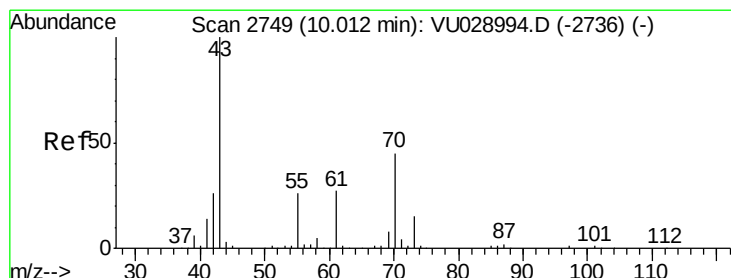
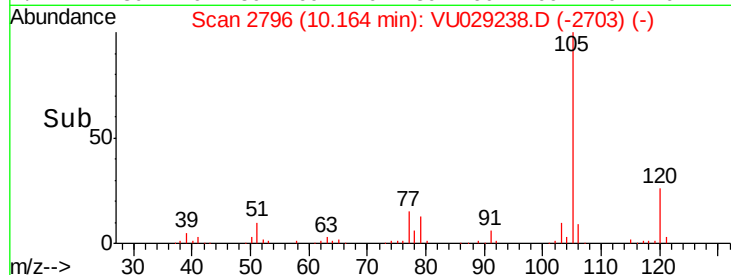
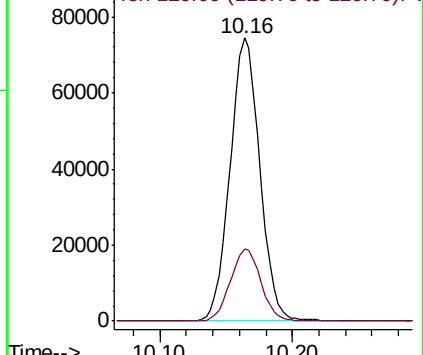
105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.984 ug/l

RT: 10.01 min Scan# 2749

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Tgt Ion: 43 Resp: 51834

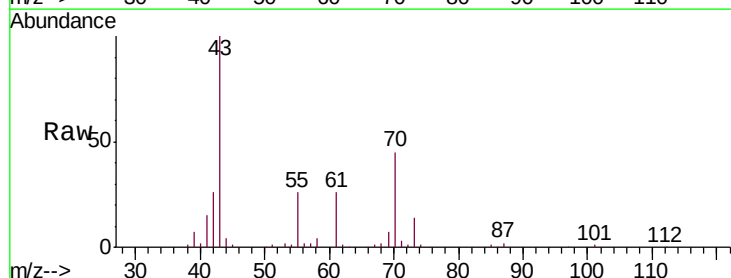
Ion Ratio Lower Upper

43 100

70 44.5 36.3 54.5

55 25.4 20.5 30.7

61 25.2 21.8 32.8

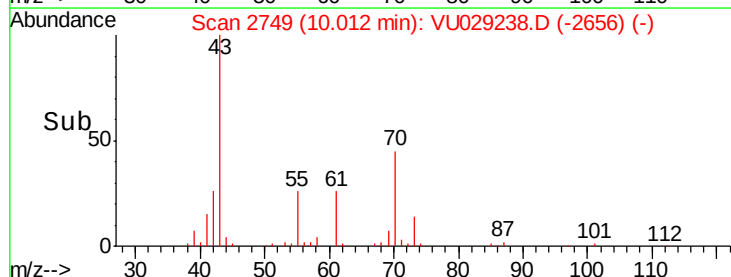
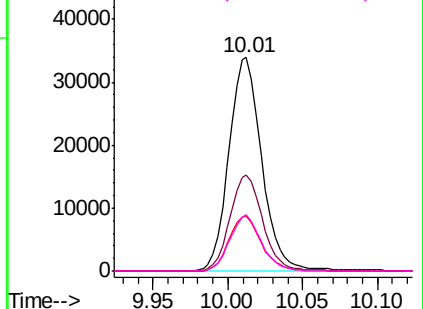


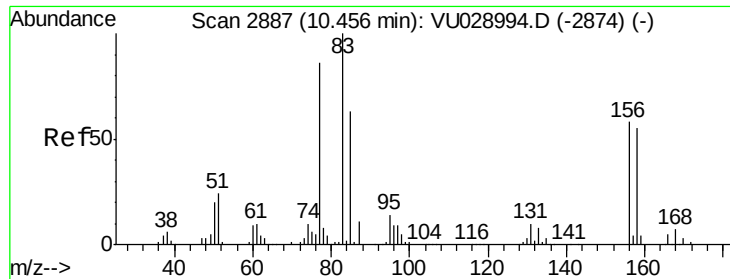
Abundance Ion 43.00 (42.70 to 43.70): VU0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.083 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

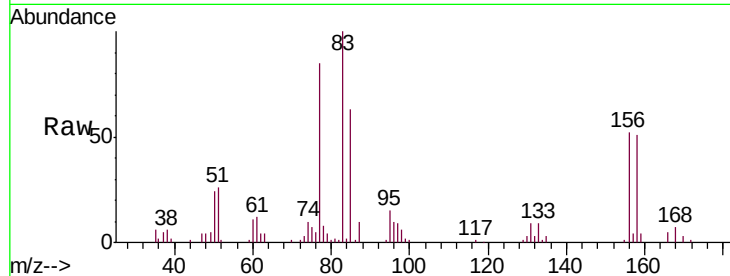
Tgt Ion: 83 Resp: 46321

Ion Ratio Lower Upper

83 100

131 8.3 4.7 14.1

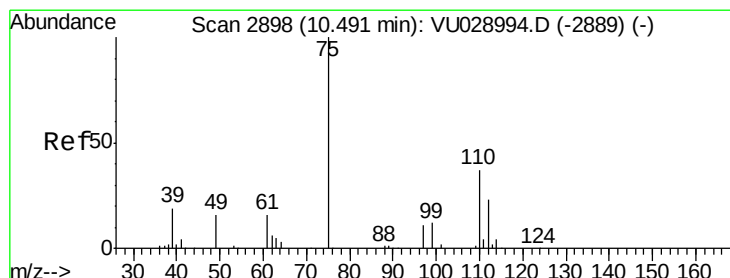
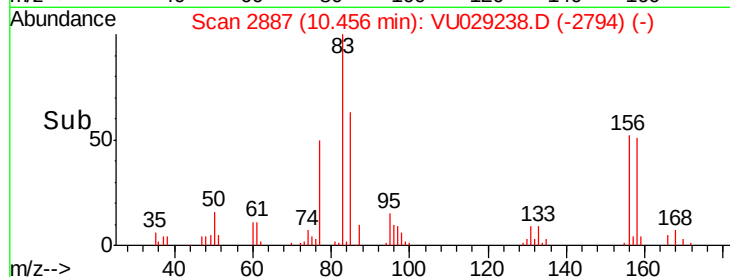
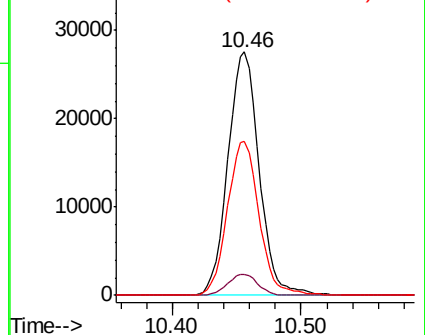
85 63.9 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VU0

Ion 130.80 (130.50 to 131.50): VU0

Ion 84.90 (84.60 to 85.60): VU0



#76

1,2,3-Trichloropropane

Concen: 30.735 ug/l

RT: 10.49 min Scan# 2898

Delta R.T. 0.00 min

Lab File: VU029238.D

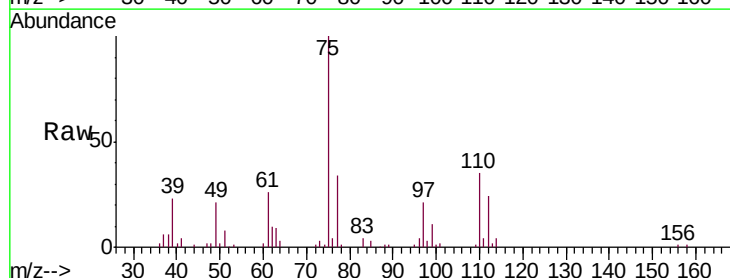
Acq: 21 Jan 2019 10:56

Tgt Ion: 75 Resp: 53247

Ion Ratio Lower Upper

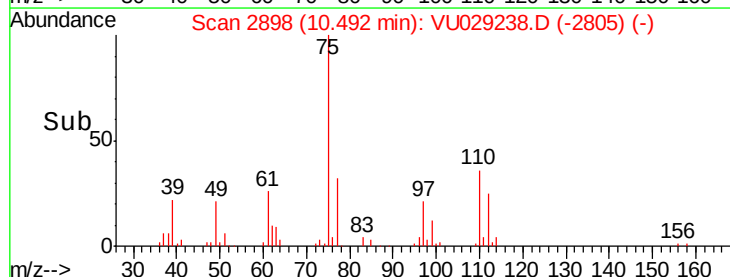
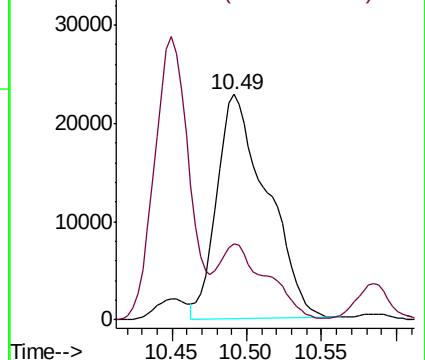
75 100

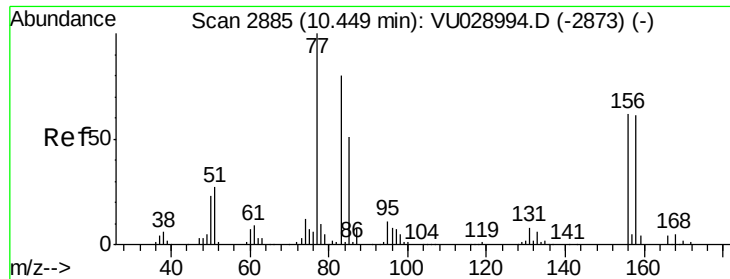
77 33.0 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#77

Bromobenzene

Concen: 19.931 ug/l

RT: 10.45 min Scan# 2885

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

VU0121WBS01

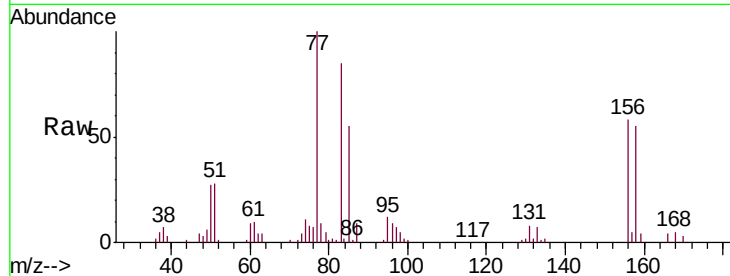
Tgt Ion:156 Resp: 27184

Ion Ratio Lower Upper

156 100

77 170.1 79.0 237.2

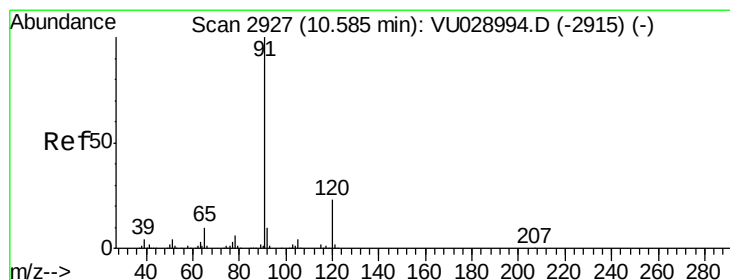
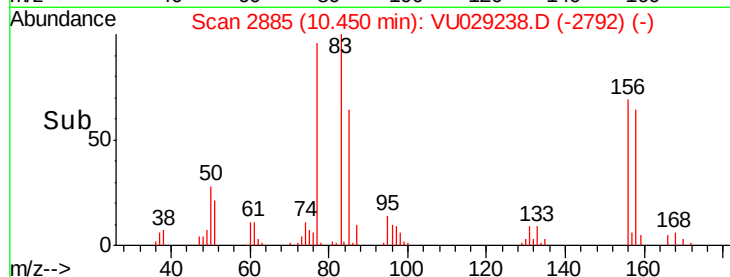
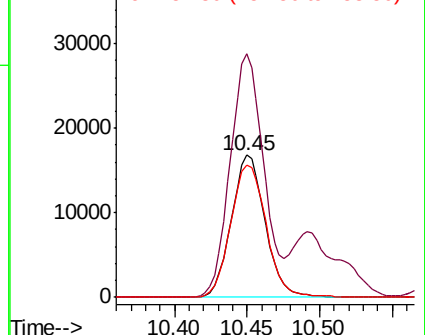
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.713 ug/l

RT: 10.58 min Scan# 2927

Delta R.T. 0.00 min

Lab File: VU029238.D

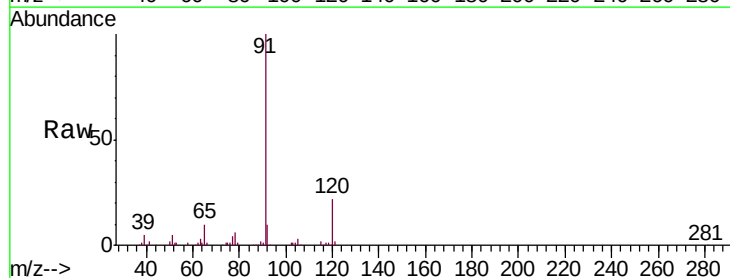
Acq: 21 Jan 2019 10:56

Tgt Ion: 91 Resp: 140085

Ion Ratio Lower Upper

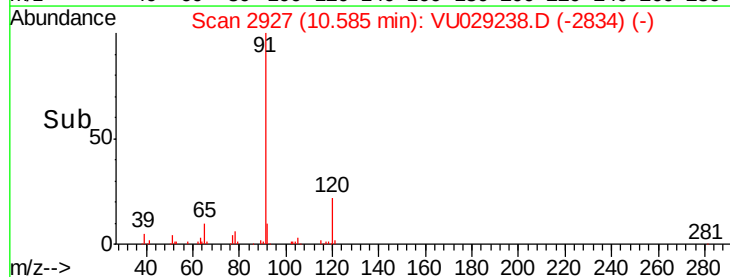
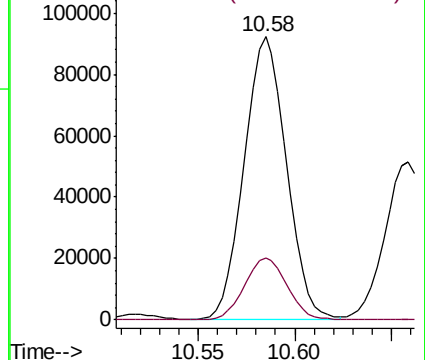
91 100

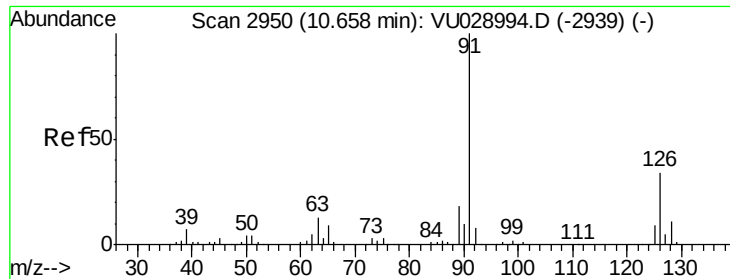
120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 120.00 (119.70 to 120.70): V

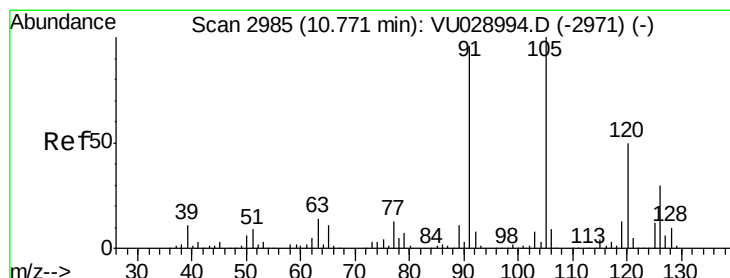
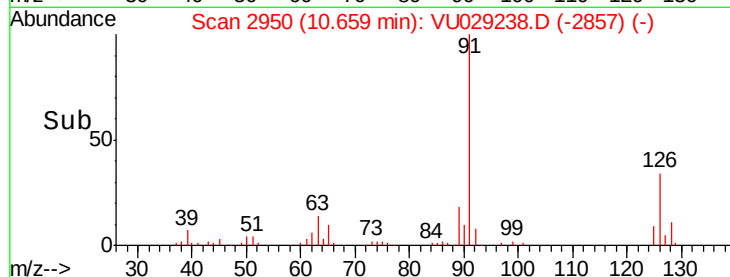
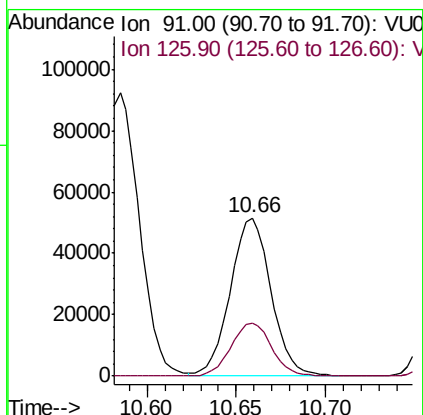
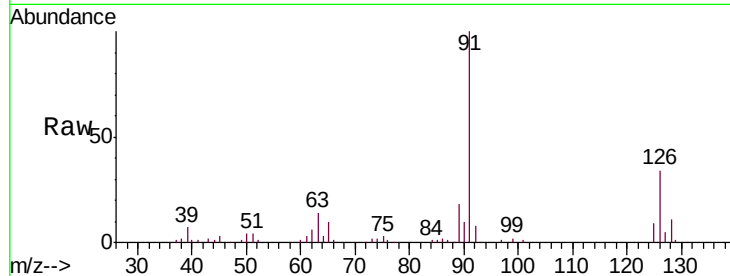




#79
 2-Chlorotoluene
 Concen: 21.708 ug/l
 RT: 10.66 min Scan# 2950
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

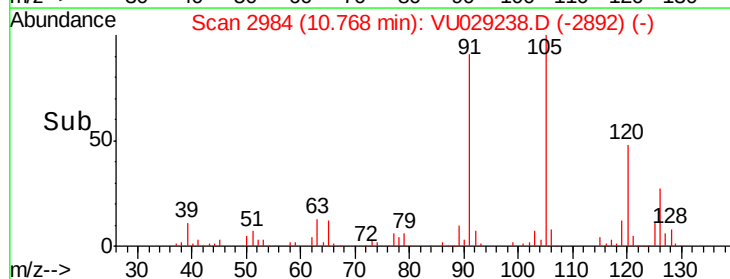
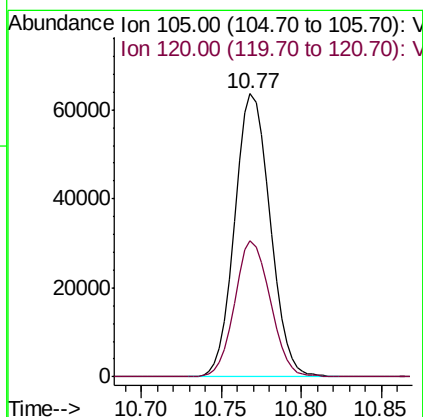
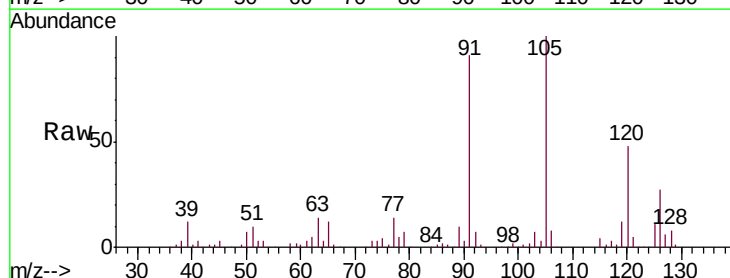
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

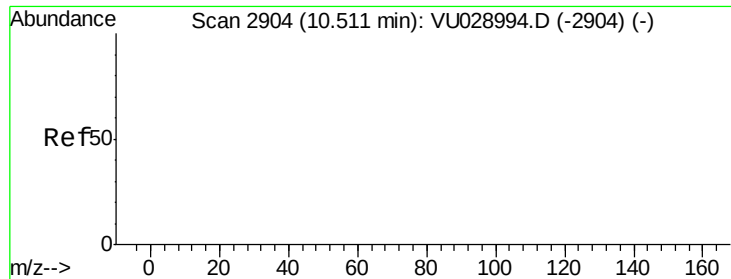
Tgt Ion: 91 Resp: 81220
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.8 50.4



#80
 1,3,5-Trimethylbenzene
 Concen: 21.908 ug/l
 RT: 10.77 min Scan# 2984
 Delta R.T. -0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 105 Resp: 95749
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.8 74.4

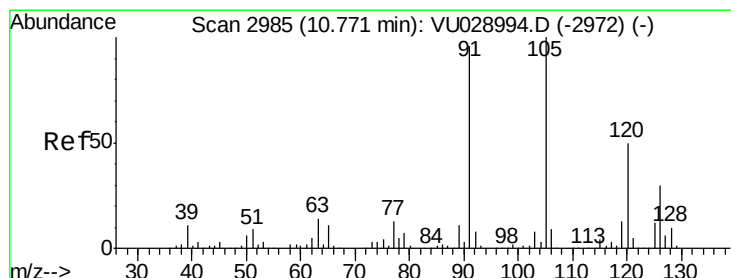
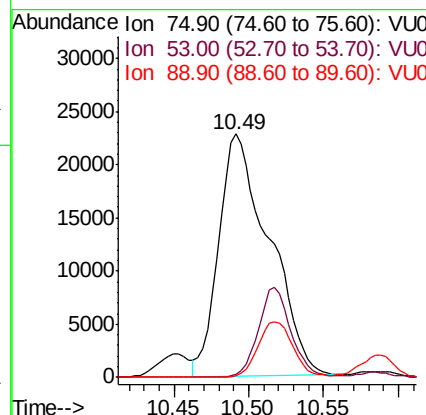
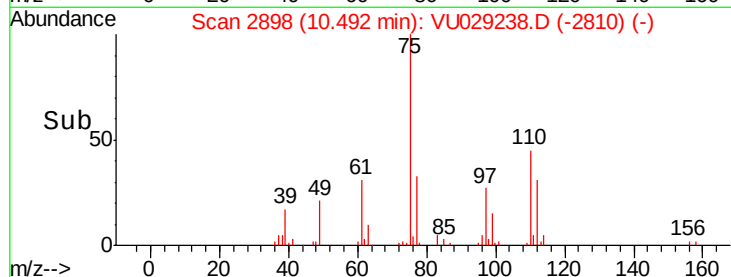
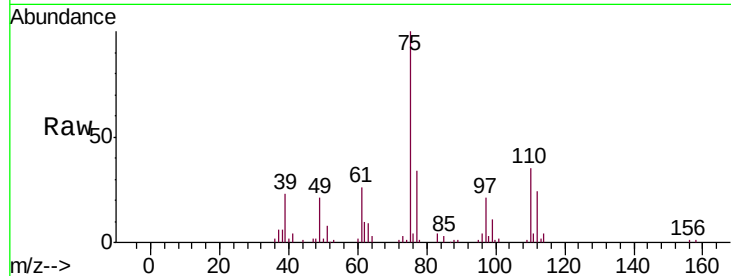




#81
trans-1,4-Dichloro-2-butene
Concen: 79.267 ug/l
RT: 10.49 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

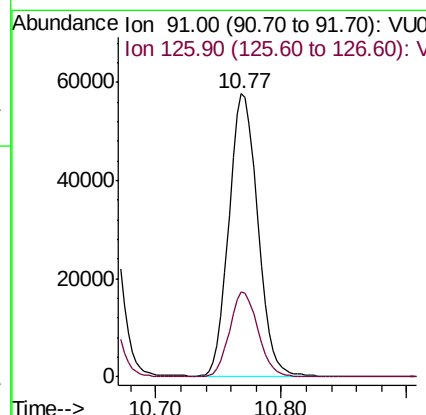
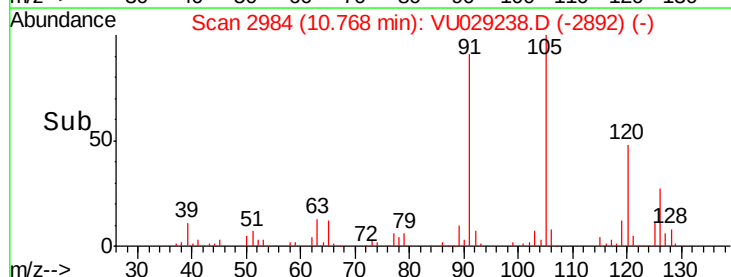
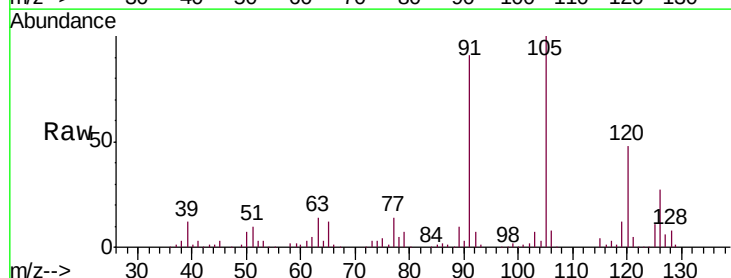
Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

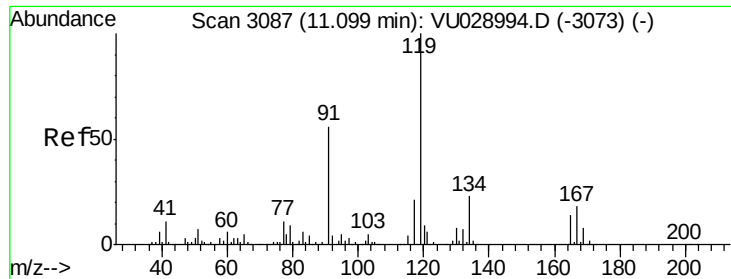
Tgt Ion: 75 Resp: 53247
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 21.574 ug/l
RT: 10.77 min Scan# 2984
Delta R.T. -0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 91 Resp: 92557
Ion Ratio Lower Upper
91 100
126 29.5 15.5 46.5

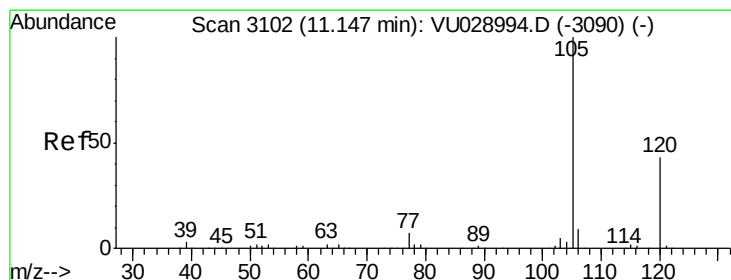
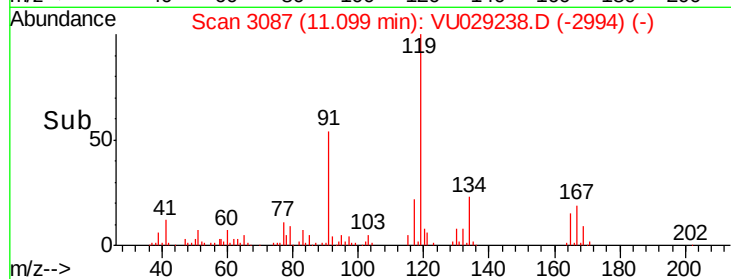
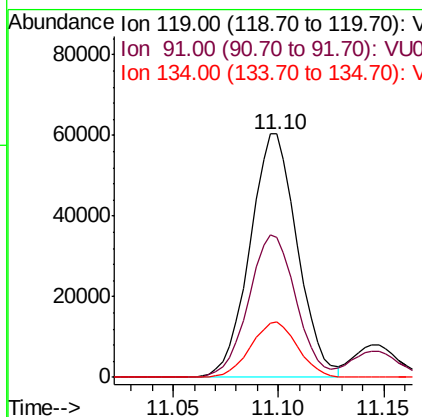
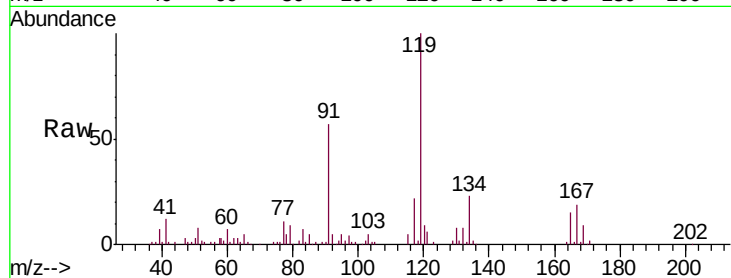




#83
 tert-Butylbenzene
 Concen: 21.926 ug/l
 RT: 11.10 min Scan# 3087
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

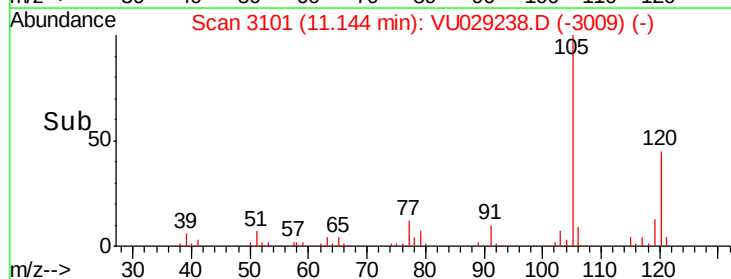
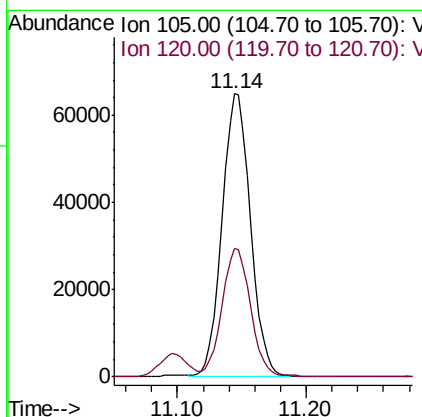
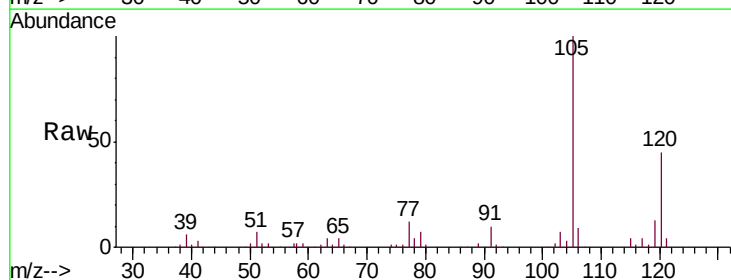
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

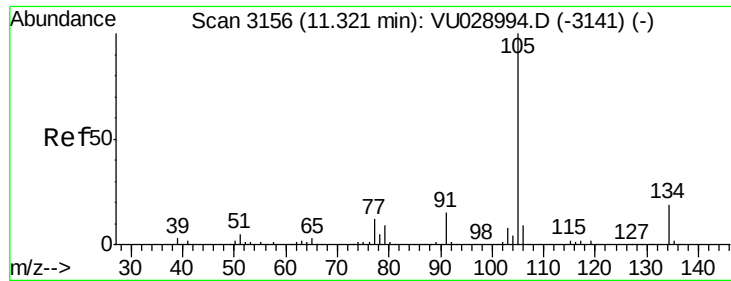
Tgt Ion:	119	Resp:	94448
Ion	Ratio	Lower	Upper
119	100		
91	58.3	28.2	84.6
134	22.5	11.3	33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 22.775 ug/l
 RT: 11.14 min Scan# 3101
 Delta R.T. -0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion:	105	Resp:	99380
Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.109 ug/l

RT: 11.32 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

Instrument :

MSVOA_U

ClientSampleId :

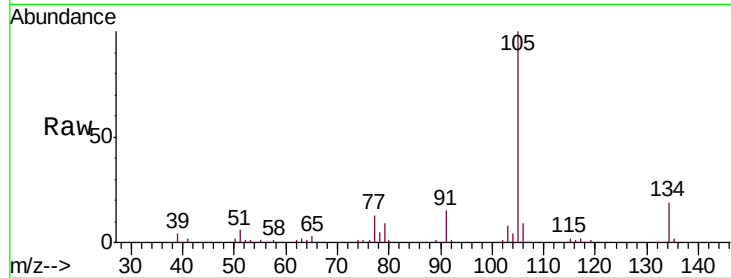
VU0121WBS01

Tgt Ion:105 Resp: 109971

Ion Ratio Lower Upper

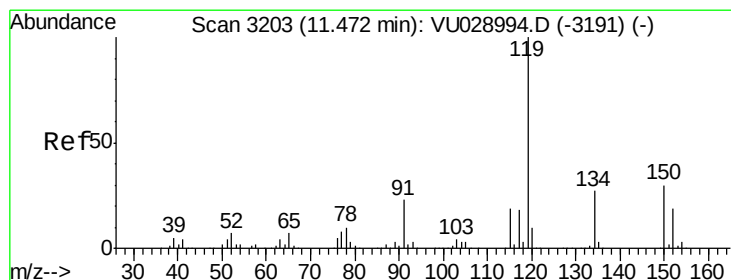
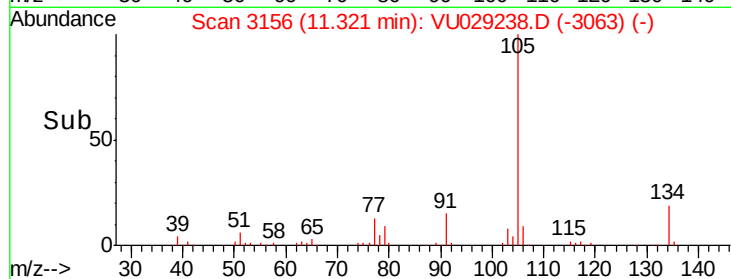
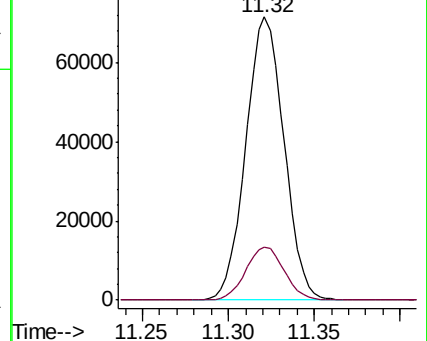
105 100

134 19.0 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: 20.462 ug/l

RT: 11.47 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU029238.D

Acq: 21 Jan 2019 10:56

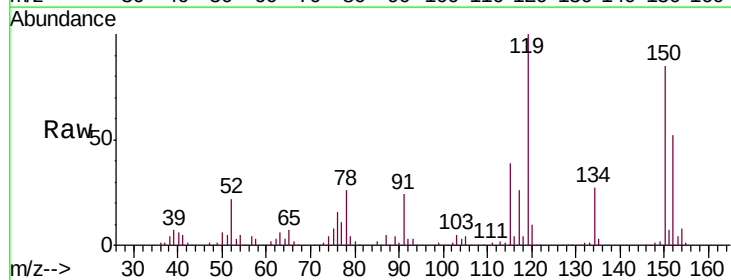
Tgt Ion:119 Resp: 90835

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

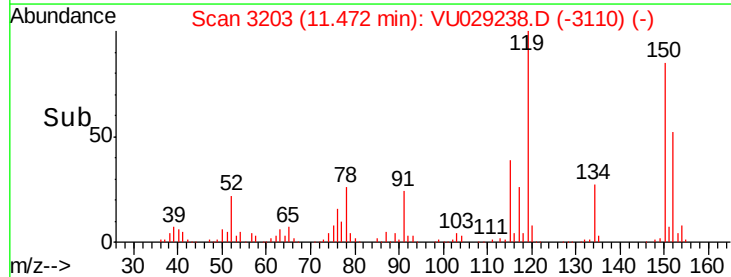
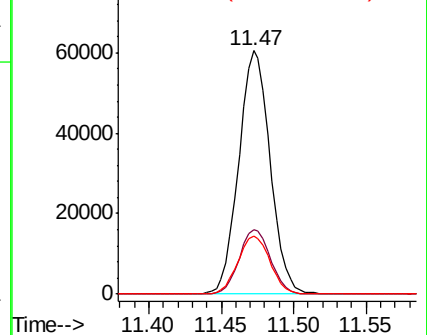
91 24.4 11.3 33.8

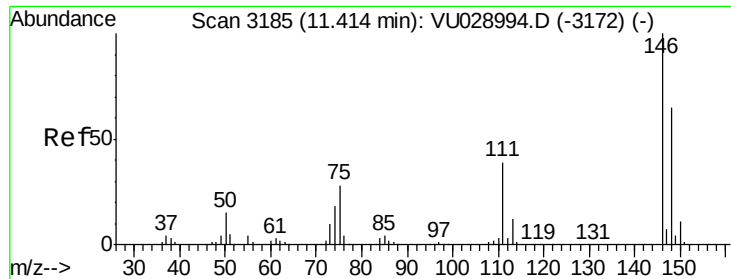


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0

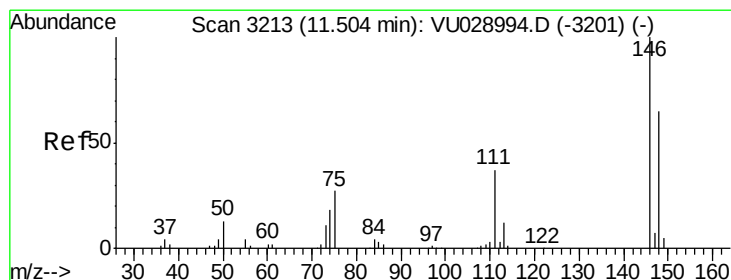
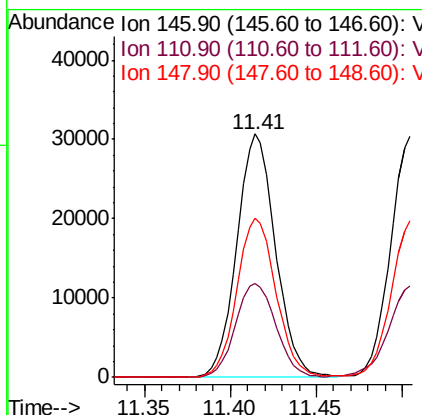
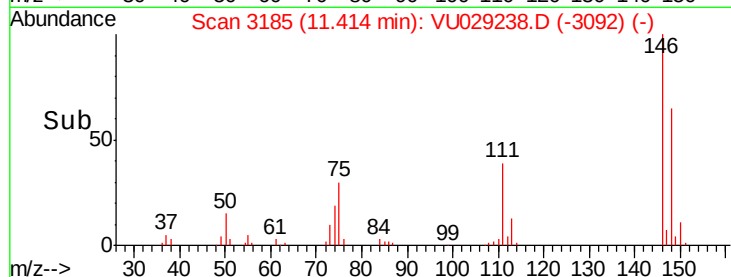
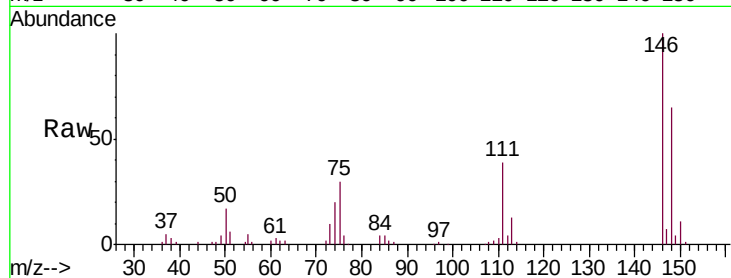




#87
 1,3-Dichlorobenzene
 Concen: 19.222 ug/l
 RT: 11.41 min Scan# 3185
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

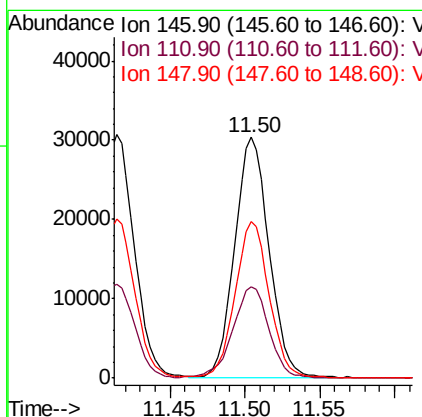
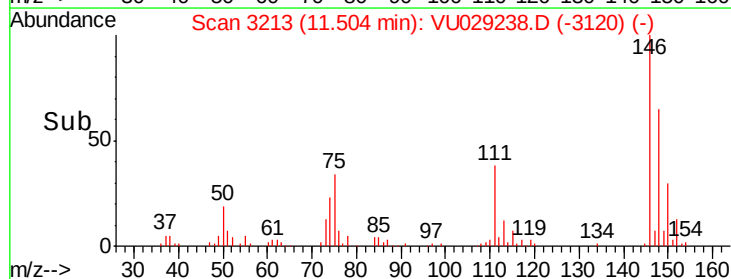
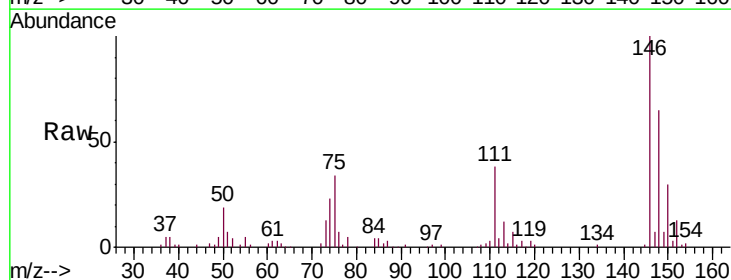
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

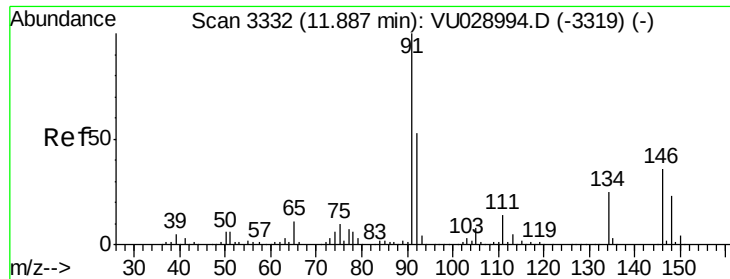
Tgt Ion:146 Resp: 48088
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.3 57.8
 148 66.0 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 18.931 ug/l
 RT: 11.50 min Scan# 3213
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion:146 Resp: 48885
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.3
 148 63.4 32.6 98.0

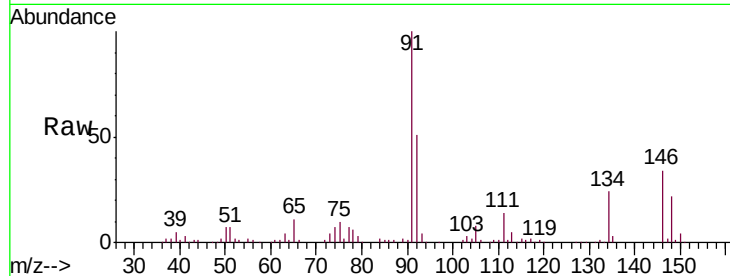




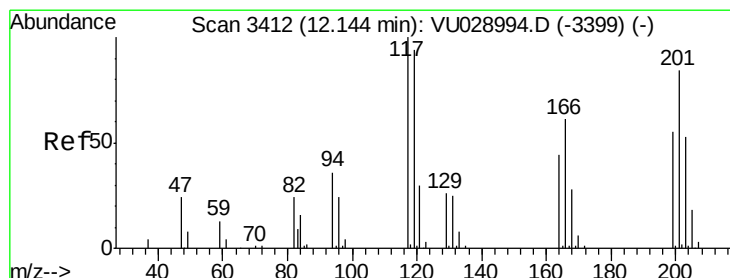
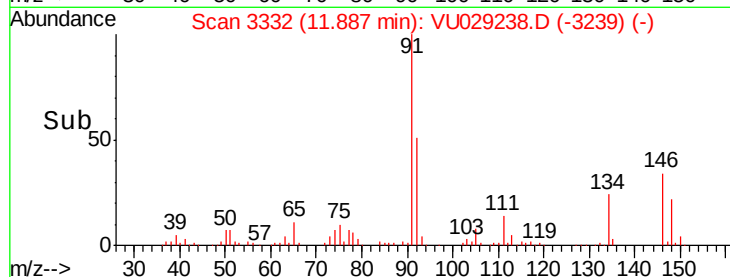
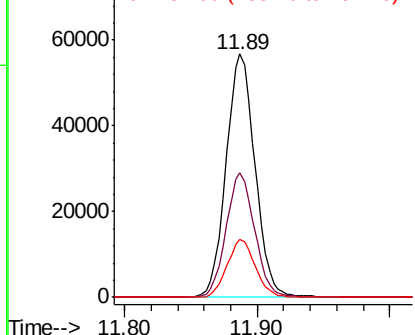
#89
n-Butylbenzene
Concen: 21.716 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion: 91 Resp: 86045
Ion Ratio Lower Upper
91 100
92 50.5 26.2 78.5
134 23.1 12.6 37.6

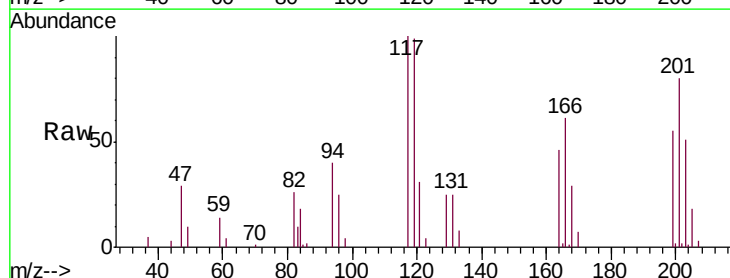


Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 92.00 (91.70 to 92.70): VU0
Ion 134.00 (133.70 to 134.70): V

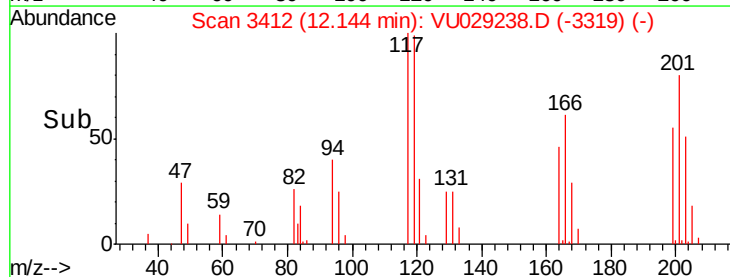
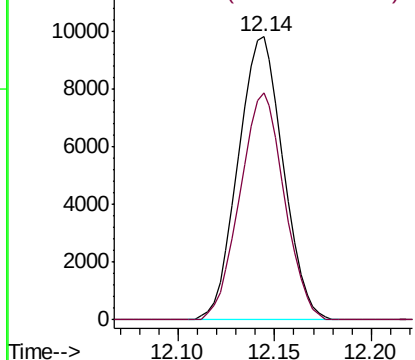


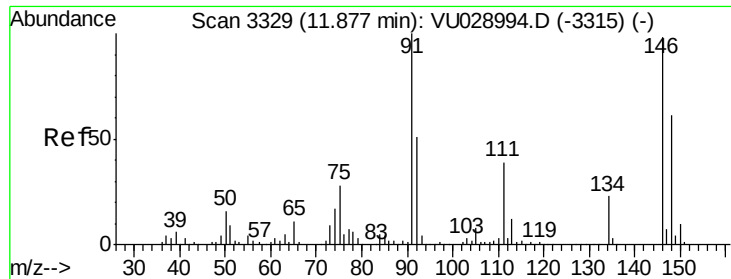
#90
Hexachloroethane
Concen: 21.273 ug/l
RT: 12.14 min Scan# 3412
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion: 117 Resp: 15887
Ion Ratio Lower Upper
117 100
201 78.8 42.4 127.3



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

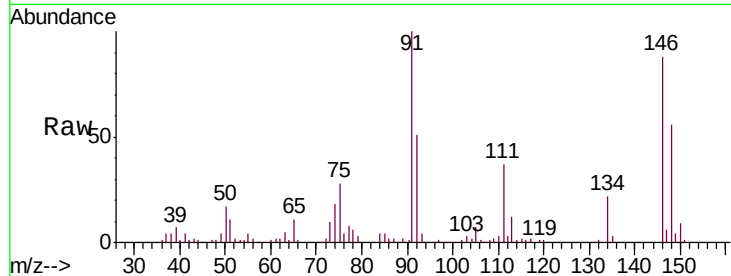




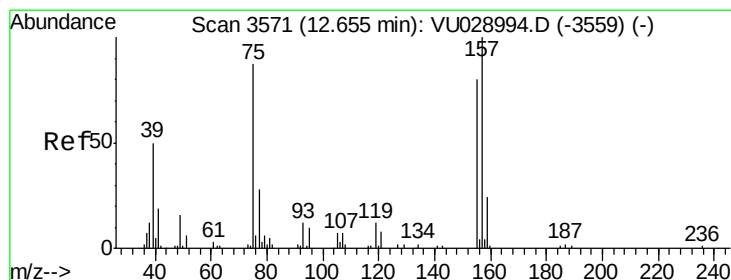
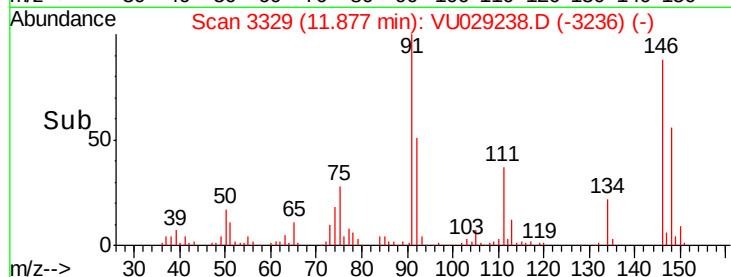
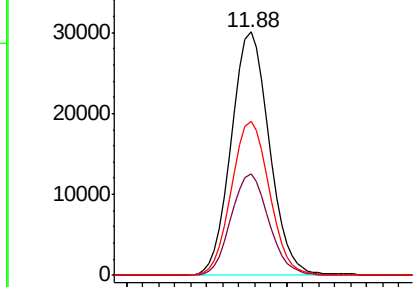
#91
 1,2-Dichlorobenzene
 Concen: 19.357 ug/l
 RT: 11.88 min Scan# 3329
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion: 146 Resp: 48774
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 59.9
 148 63.4 31.6 94.8

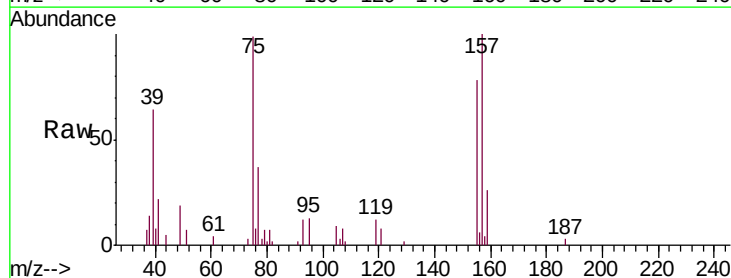


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

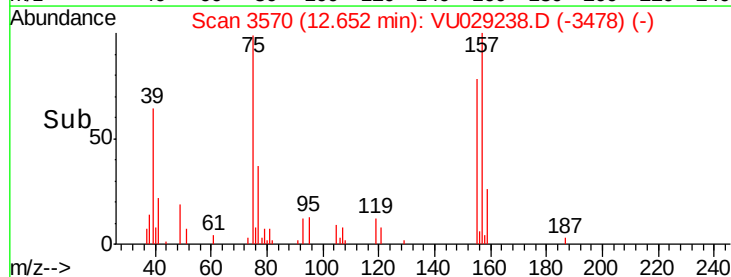
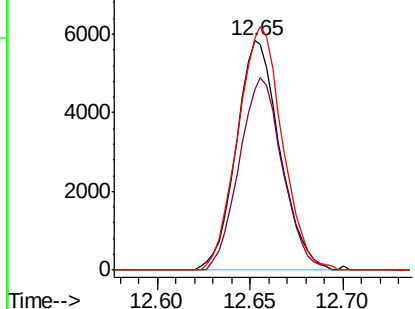


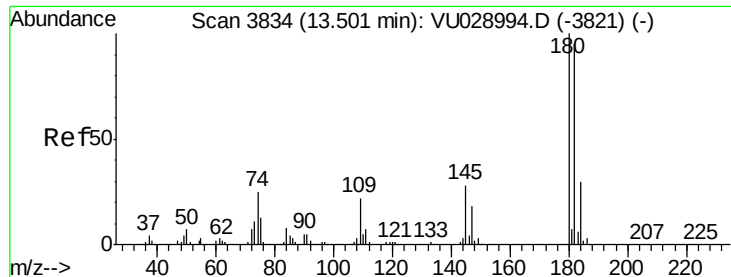
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.553 ug/l
 RT: 12.65 min Scan# 3570
 Delta R.T. -0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion: 75 Resp: 9502
 Ion Ratio Lower Upper
 75 100
 155 83.2 46.3 138.8
 157 108.7 57.4 172.0



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

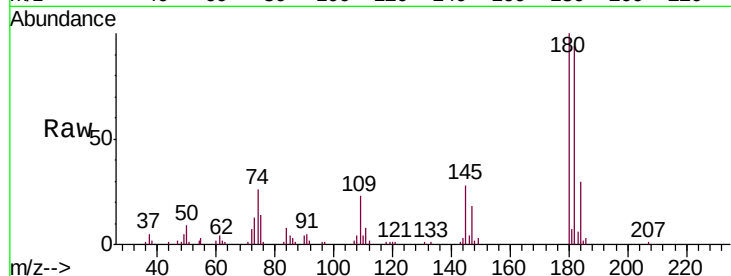




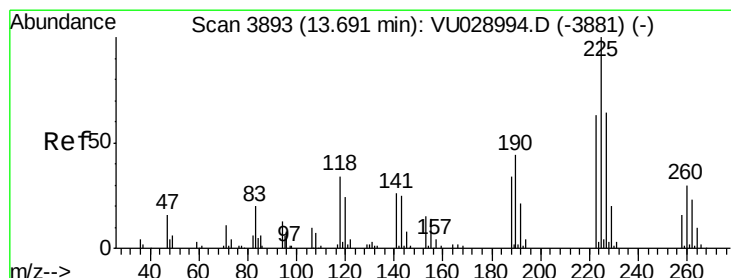
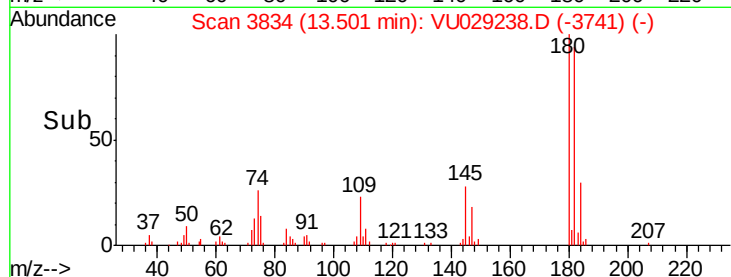
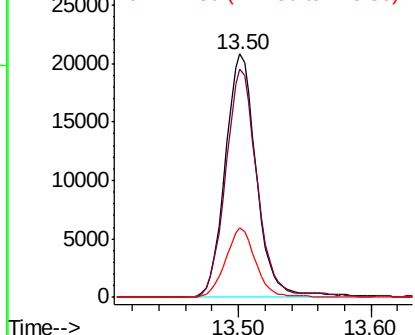
#93
 1,2,4-Trichlorobenzene
 Concen: 21.139 ug/l
 RT: 13.50 min Scan# 3834
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0121WBS01

Tgt Ion:180 Resp: 34002
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.5 142.6
 145 27.5 14.0 42.0

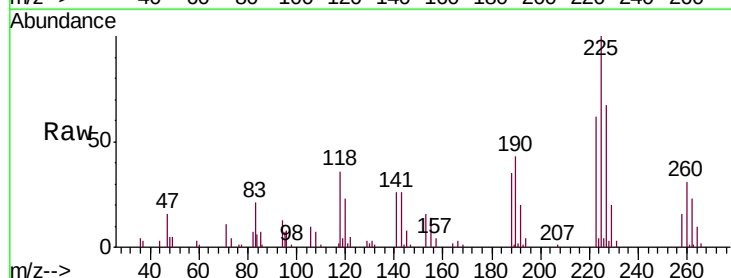


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

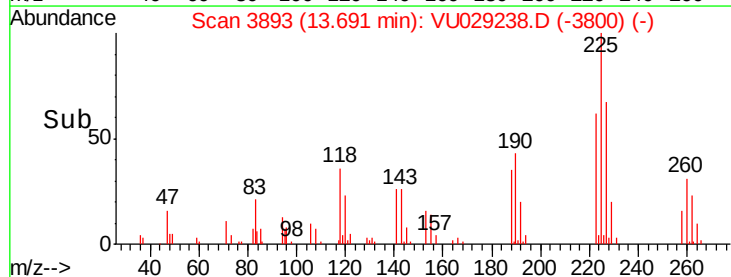
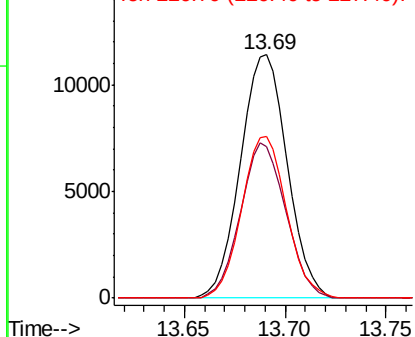


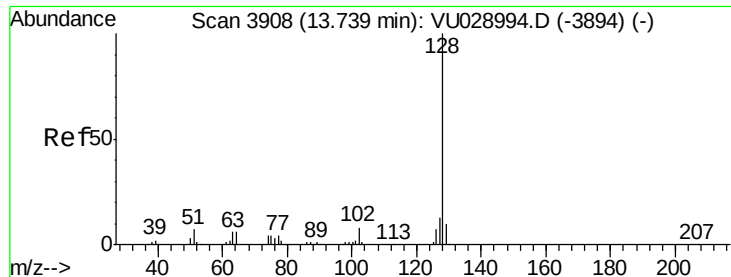
#94
 Hexachlorobutadiene
 Concen: 25.184 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU029238.D
 Acq: 21 Jan 2019 10:56

Tgt Ion:225 Resp: 18528
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.4 94.0
 227 63.8 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

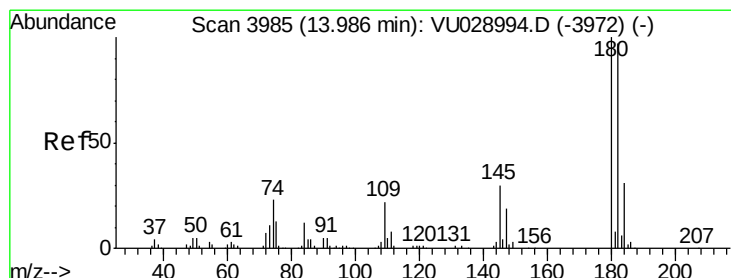
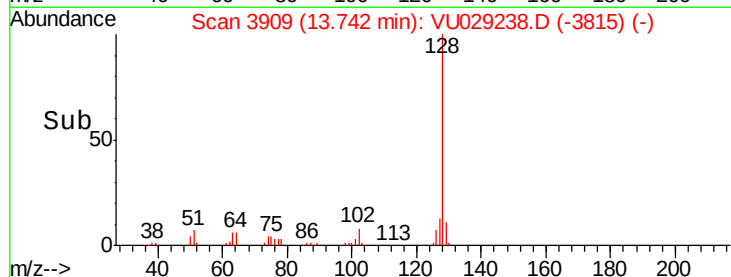
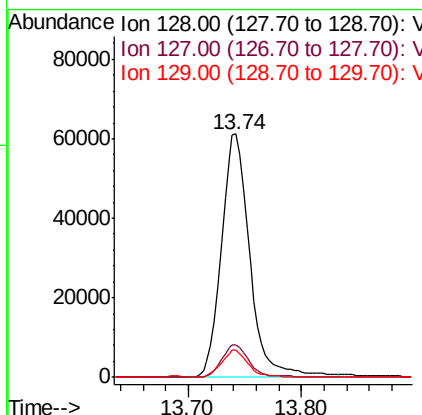
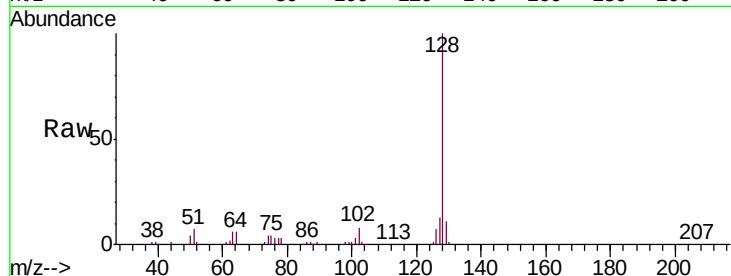




#95
Naphthalene
Concen: 19.591 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Instrument :
MSVOA_U
ClientSampleId :
VU0121WBS01

Tgt Ion:128 Resp: 107196
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.6 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 21.757 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029238.D
Acq: 21 Jan 2019 10:56

Tgt Ion:180 Resp: 35290
Ion Ratio Lower Upper
180 100
182 99.5 48.1 144.3
145 29.9 14.8 44.4

