

Data File : VU029840.D
Acq On : 06 Mar 2019 15:09
Operator : JC/SP
Sample : VU0307WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

Quant Time: Mar 07 01:43:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:34:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63038	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	22492	0.99	ug/l	0.00
Spiked Amount	1.000		Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25661	0.98	ug/l	0.00
Spiked Amount	1.000		Recovery	=	98.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	40152	1.904 ug/l	100
3) Chloromethane	1.33	50	36554	1.946 ug/l	98
4) Vinyl Chloride	1.40	62	41441	1.961 ug/l	98
5) Bromomethane	1.63	94	28441	1.971 ug/l	99
6) Chloroethane	1.70	64	25474	2.011 ug/l	99
7) Trichlorofluoromethane	1.88	101	54837	1.904 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	32108	1.917 ug/l	99
9) 1,1-Dichloroethene	2.28	96	32029	1.953 ug/l	97
10) Iodomethane	2.41	142	30934	2.172 ug/l	99
11) Allyl Chloride	2.59	41	43926	1.906 ug/l	100
12) Acrylonitrile	2.93	53	13413	3.752 ug/l	100
13) Acetone	2.32	43	28164	9.511 ug/l	95
14) Carbon Disulfide	2.47	76	101268	1.907 ug/l	99
15) Methylene Chloride	2.69	84	38262	1.945 ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	36399	1.965 ug/l	97
17) 1,1-Dichloroethane	3.44	63	58675	1.893 ug/l	98
18) 2-Butanone	4.28	43	38189	9.490 ug/l	99
19) Cyclohexane	4.98	56	40439	1.936 ug/l	98
20) Methylcyclohexane	6.41	83	52630	1.878 ug/l	99
21) 2,2-Dichloropropane	4.22	77	47601	1.879 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	38441	1.958 ug/l	97
23) Diethyl Ether	2.10	59	23808	1.937 ug/l	97
24) tert-Butyl Alcohol	2.83	59	23303	18.377 ug/l	97
25) Methyl tert-Butyl Ether	3.00	73	80696	1.954 ug/l	98
26) Bromochloromethane	4.54	128	18056	2.072 ug/l	94
27) Chloroform	4.67	83	60936	1.942 ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	51458	1.934 ug/l	98
29) 1,1-Dichloropropene	5.13	75	44034	1.862 ug/l	97
30) Carbon Tetrachloride	5.13	117	42844	1.846 ug/l	99
31) Isopropyl Ether	3.57	45	84583	1.979 ug/l	99
32) Ethyl-t-butyl ether	4.07	59	80211	1.931 ug/l	99
33) Tert-Amyl methyl ether	5.58	73	74149	1.930 ug/l	98
34) Propionitrile	4.33	54	10874	9.084 ug/l	# 79
35) Benzene	5.38	78	133165	1.912 ug/l	99
36) 1,2-Dichloroethane	5.40	62	37203	1.956 ug/l	99
37) Trichloroethene	6.18	130	38901	1.913 ug/l	94
38) 1,2-Dichloropropane	6.43	63	33614	1.906 ug/l	99
39) Methacrylonitrile	4.55	41	9348	1.856 ug/l	99
40) Methyl acrylate	4.44	55	15634	1.964 ug/l	95
41) Tetrahydrofuran	4.65	42	10472	3.976 ug/l	93
42) 1-Chlorobutane	5.06	56	59161	1.958 ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	18821	2.060	ug/l	99
44) Bromodichloromethane	6.75	83	41979	1.871	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	90466	9.492	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	36455	9.149	ug/l #	51
47) Methyl methacrylate	6.63	69	28452	3.628	ug/l	96
48) Ethyl methacrylate	8.02	69	29203	1.944	ug/l	99
49) Toluene	7.63	92	83403	1.950	ug/l	97
50) t-1,3-Dichloropropene	7.88	75	36631	1.862	ug/l	96
51) cis-1,3-Dichloropropene	7.27	75	46318	1.902	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	26286	1.943	ug/l	96
53) 1,3-Dichloropropane	8.24	76	42688	1.924	ug/l	95
54) 2-Hexanone	8.36	43	60912	9.203	ug/l	99
55) Dibromochloromethane	8.48	129	29939	1.865	ug/l	97
56) 1,2-Dibromoethane	8.58	107	24662	1.923	ug/l	97
58) Tetrachloroethene	8.22	164	40435	1.947	ug/l	98
59) Chlorobenzene	9.12	112	93805	1.908	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	33702	1.911	ug/l	99
61) Pentachloroethane	11.10	117	23563	1.919	ug/l	94
62) Hexachloroethane	12.14	117	23304	1.804	ug/l	100
63) Ethyl Benzene	9.25	91	151254	1.878	ug/l	100
64) m/p-Xylenes	9.37	106	120564	3.787	ug/l	99
65) o-Xylene	9.78	106	59550	1.948	ug/l	98
66) Styrene	9.79	104	99482	1.958	ug/l	97
67) Bromoform	9.96	173	17625	1.869	ug/l	98
69) Isopropylbenzene	10.16	105	157217	1.939	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	32644	1.979	ug/l	97
71) 1,2,3-Trichloropropane	10.49	75	36455	2.974	ug/l #	80
72) Bromobenzene	10.45	156	41054	1.913	ug/l	99
73) n-propylbenzene	10.58	120	42687	1.873	ug/l	99
74) 2-Chlorotoluene	10.66	126	39806	1.969	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	130617	1.912	ug/l	99
76) 4-Chlorotoluene	10.77	126	37574	1.822	ug/l	92
77) tert-Butylbenzene	11.10	119	129323	1.914	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	131991	1.912	ug/l	98
79) sec-Butylbenzene	11.32	105	174813	1.952	ug/l	99
80) Nitrobenzene	12.88	77	1529	5.106	ug/l #	92
81) p-Isopropyltoluene	11.47	119	142435	1.900	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	80868	1.903	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	81263	1.957	ug/l	98
84) n-Butylbenzene	11.89	91	124579	1.823	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	75963	1.895	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.66	75	4276	1.815	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	47303	1.843	ug/l	98
88) Hexachlorobutadiene	13.69	225	29819	1.844	ug/l	98
89) Naphthalene	13.74	128	68443	1.772	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	46632	1.934	ug/l	97

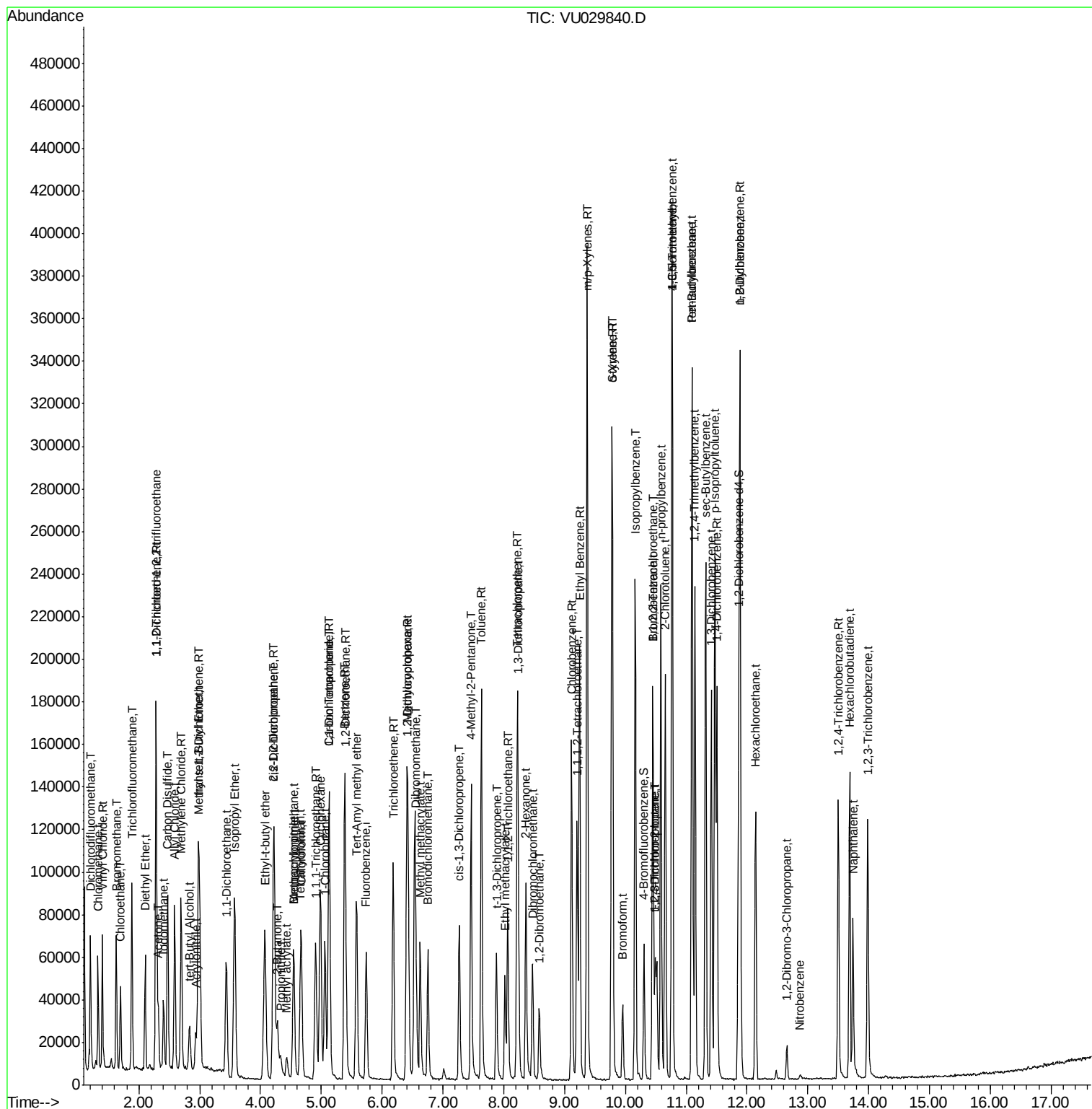
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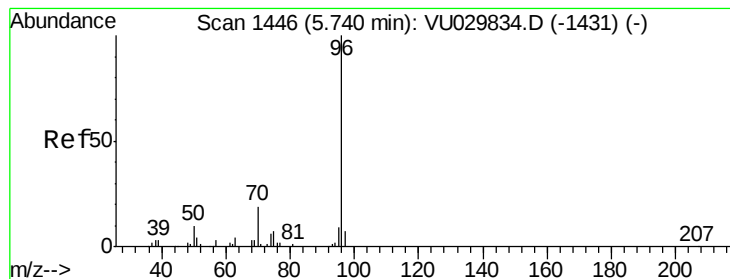
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

Tgt Ion: 96 Resp: 63038

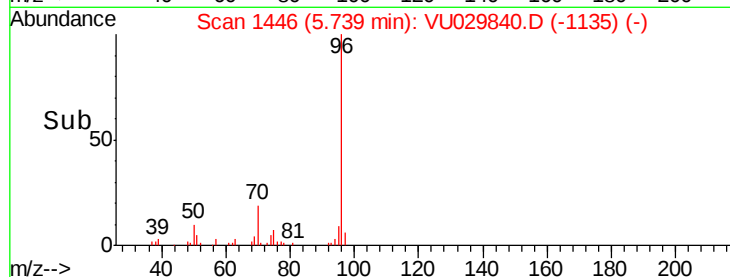
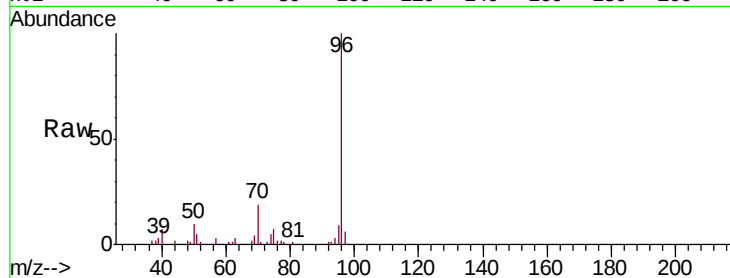
Ion Ratio Lower Upper

96 100

70 18.9 14.4 21.6

95 9.0 7.0 10.6

97 6.6 0.0 0.0#

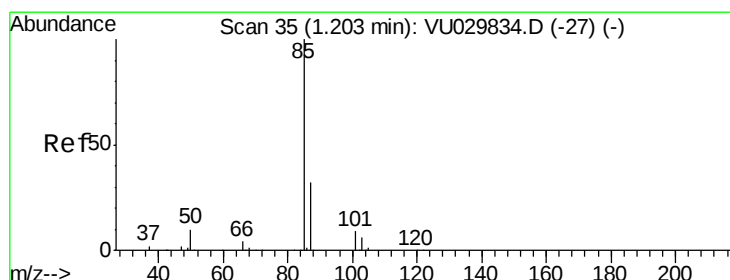
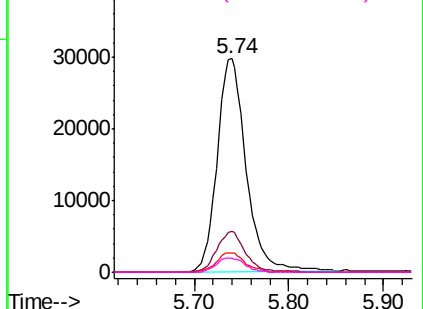


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 1.904 ug/l

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU029840.D

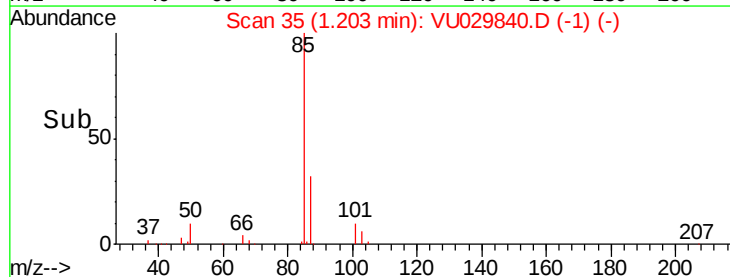
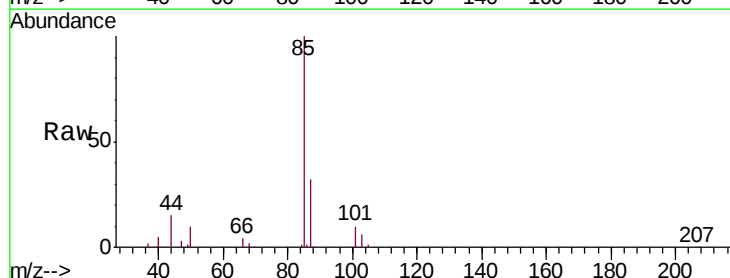
Acq: 06 Mar 2019 15:09

Tgt Ion: 85 Resp: 40152

Ion Ratio Lower Upper

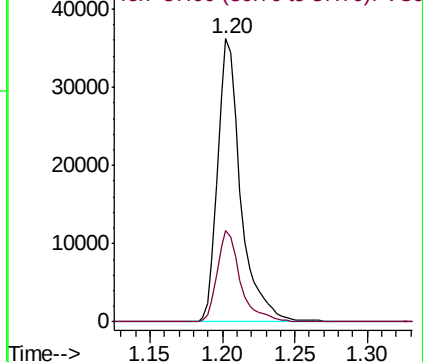
85 100

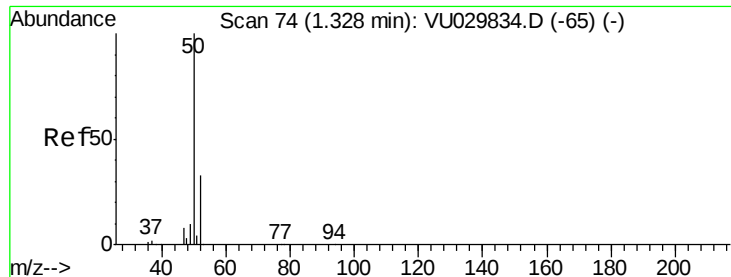
87 32.5 16.2 48.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 1.946 ug/l

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

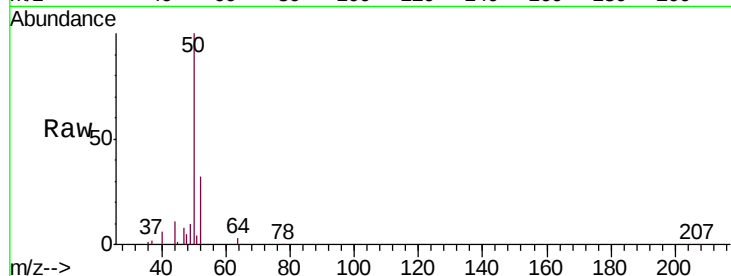
VU0307WBS01

Tgt Ion: 50 Resp: 36554

Ion Ratio Lower Upper

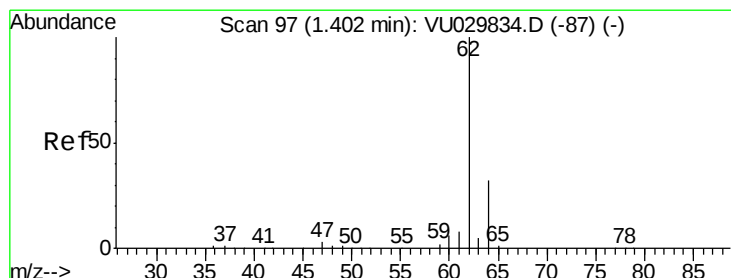
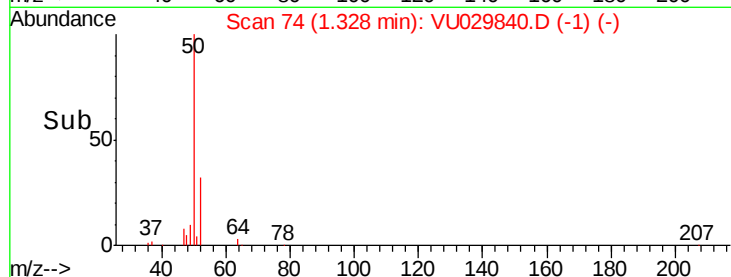
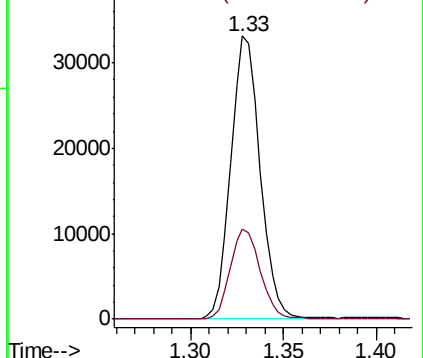
50 100

52 32.1 26.5 39.7



Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.961 ug/l

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU029840.D

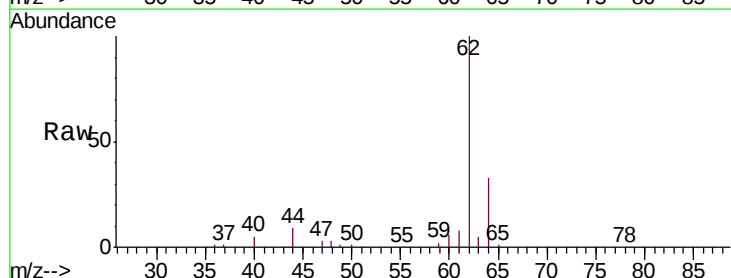
Acq: 06 Mar 2019 15:09

Tgt Ion: 62 Resp: 41441

Ion Ratio Lower Upper

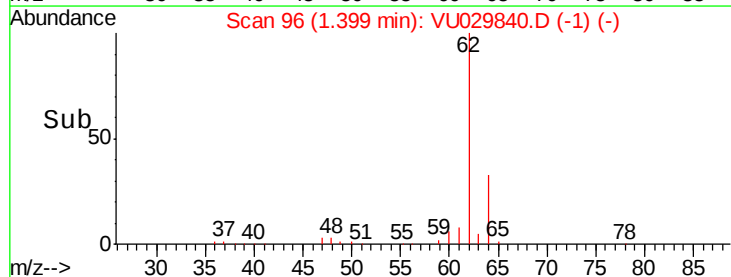
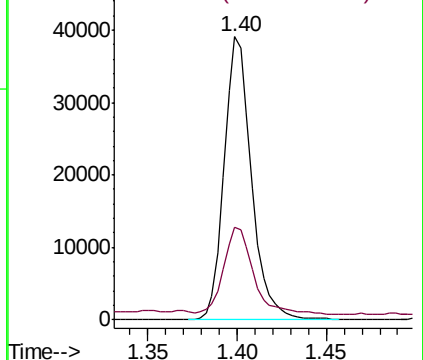
62 100

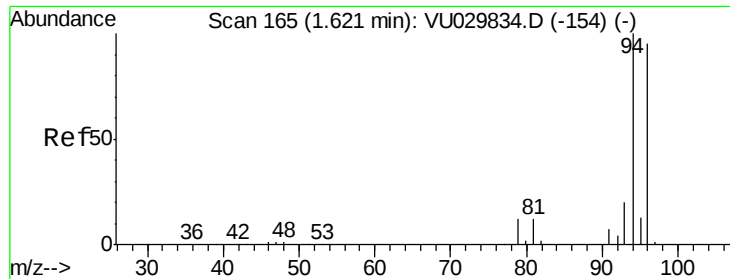
64 30.8 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

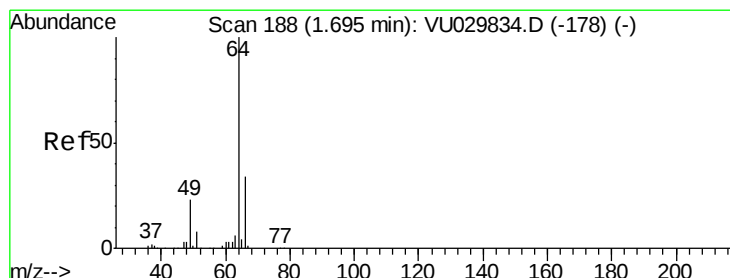
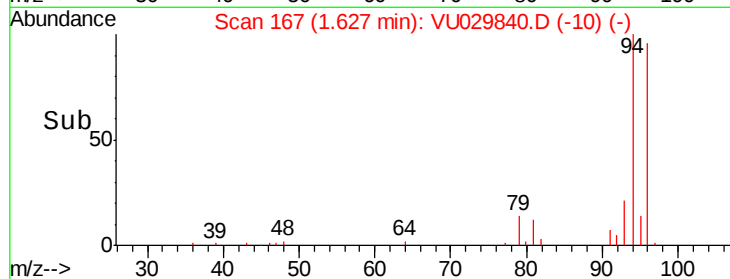
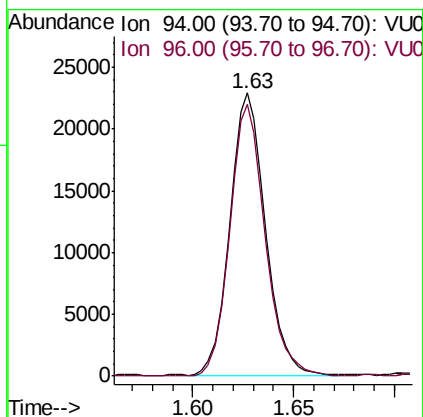
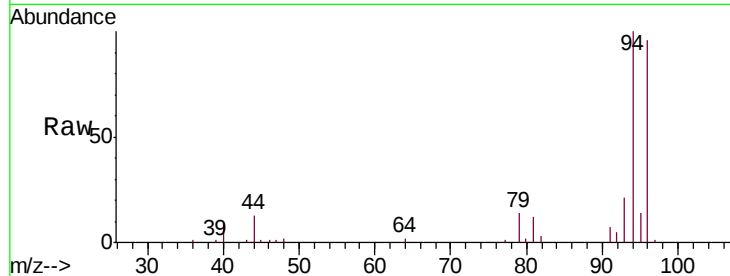




#5
Bromomethane
Concen: 1.971 ug/l
RT: 1.63 min Scan# 167
Delta R.T. 0.01 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

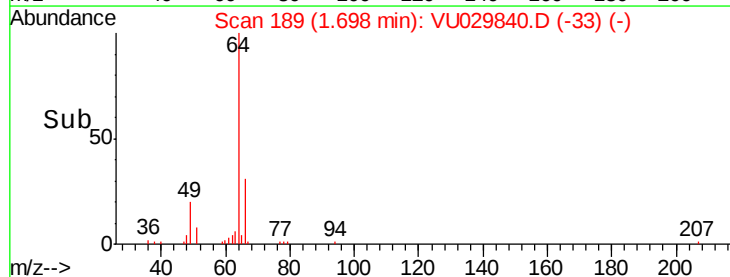
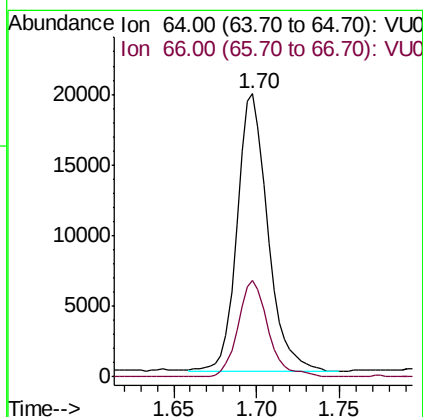
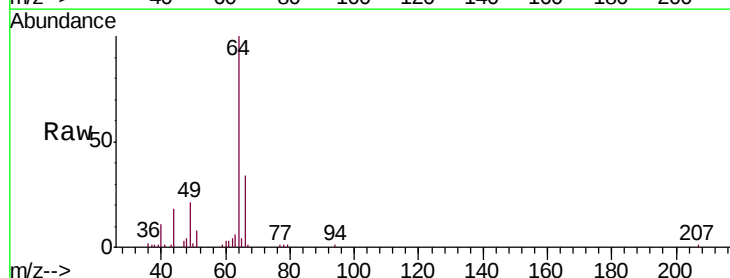
Instrument :
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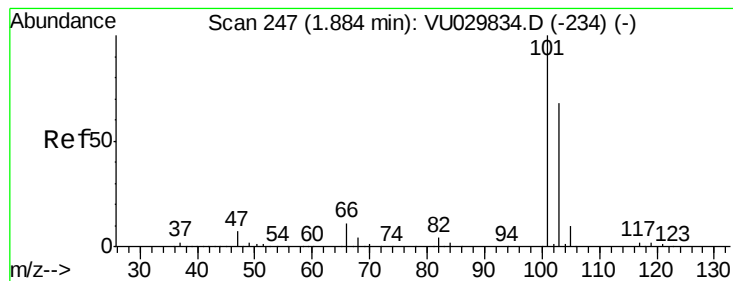
Tgt Ion: 94 Resp: 28441
Ion Ratio Lower Upper
94 100
96 96.1 76.4 114.6



#6
Chloroethane
Concen: 2.011 ug/l
RT: 1.70 min Scan# 189
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion: 64 Resp: 25474
Ion Ratio Lower Upper
64 100
66 34.6 27.3 40.9



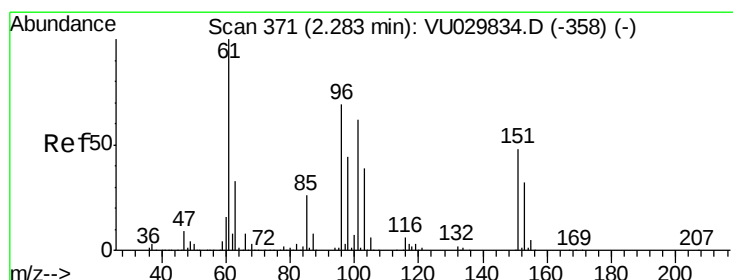
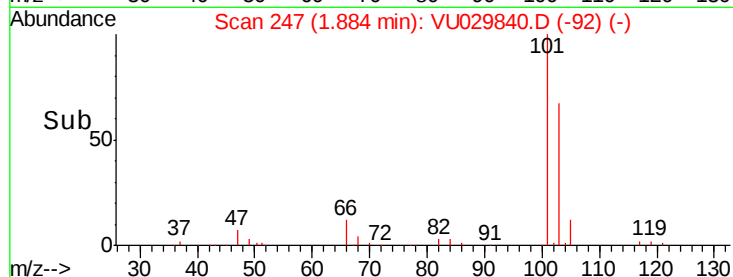
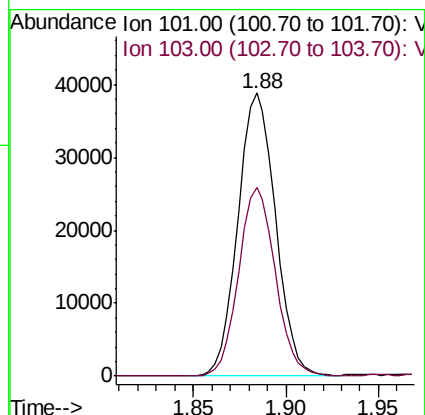
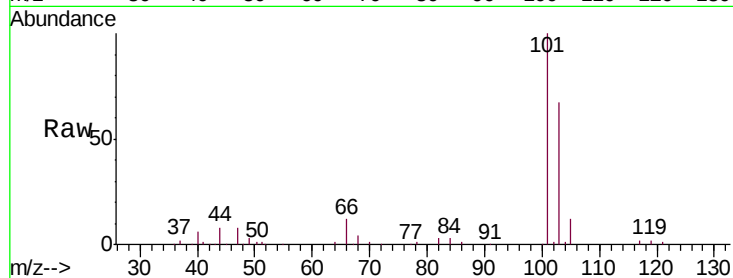


#7

Trichlorofluoromethane
 Concen: 1.904 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Instrument :
 MSVOA_U
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 VU0307WBS01

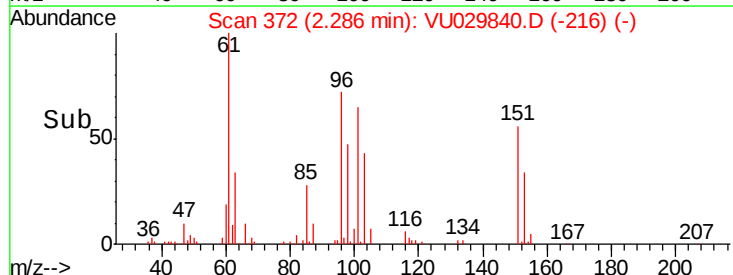
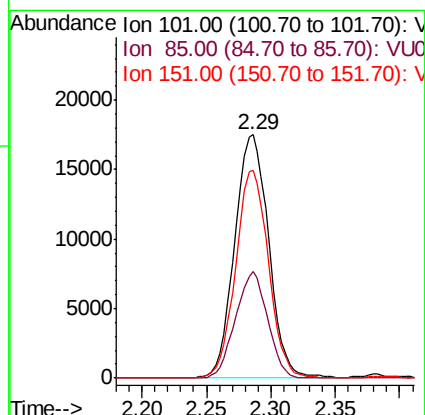
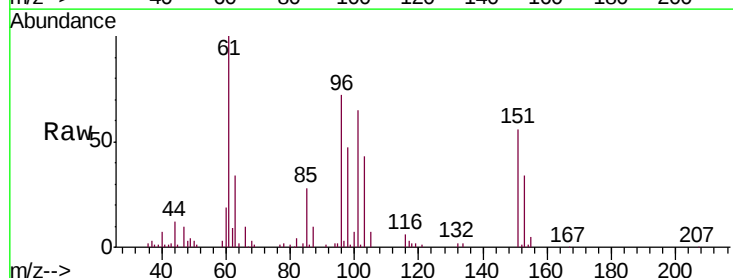
Tgt Ion:101 Resp: 54837
 Ion Ratio Lower Upper
 101 100
 103 66.7 54.2 81.2

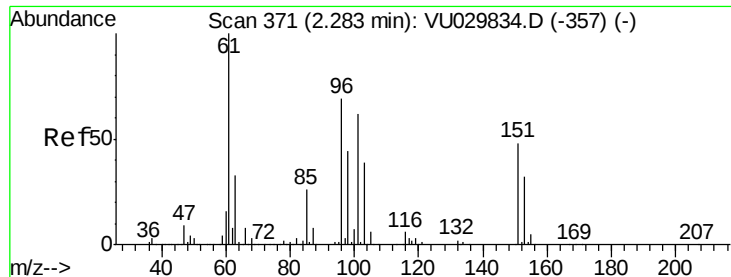


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.917 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion:101 Resp: 32108
 Ion Ratio Lower Upper
 101 100
 85 40.9 33.4 50.0
 151 82.2 64.6 97.0





#9

1,1-Dichloroethene

Concen: 1.953 ug/l

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

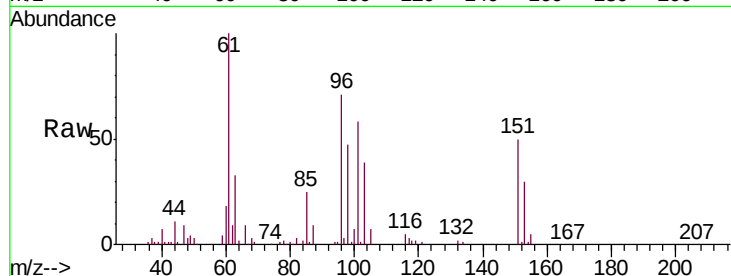
Tgt Ion: 96 Resp: 32029

Ion Ratio Lower Upper

96 100

61 140.4 0.0 435.3

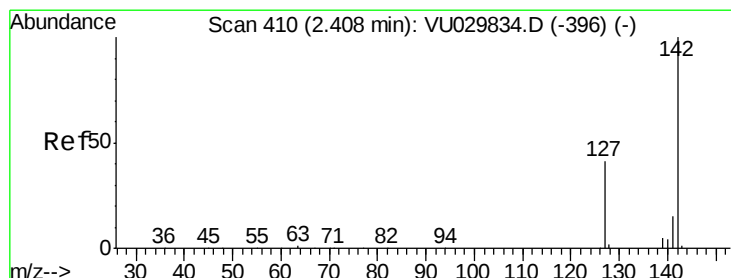
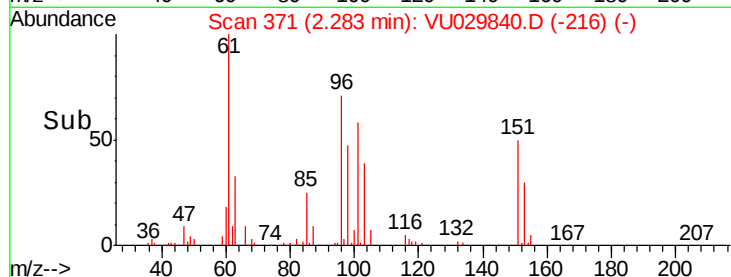
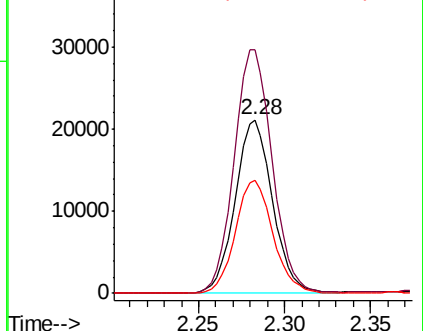
98 65.5 0.0 128.6



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 2.172 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU029840.D

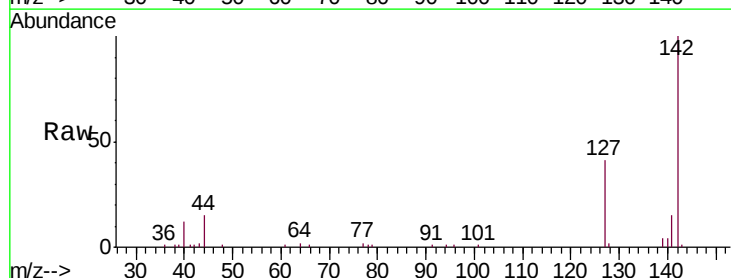
Acq: 06 Mar 2019 15:09

Tgt Ion: 142 Resp: 30934

Ion Ratio Lower Upper

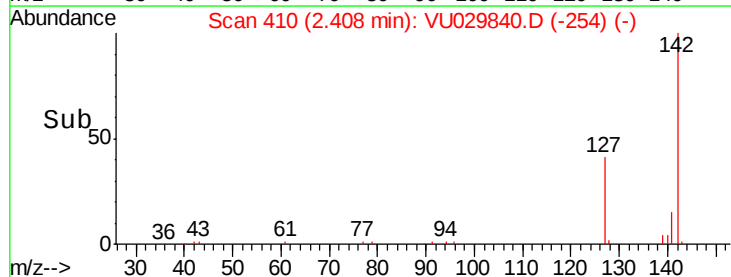
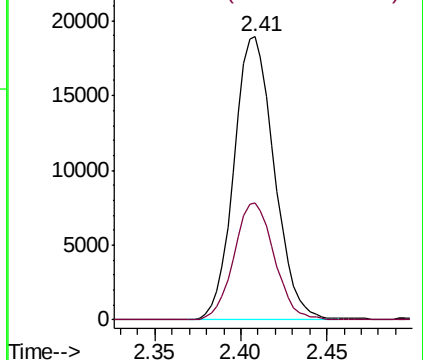
142 100

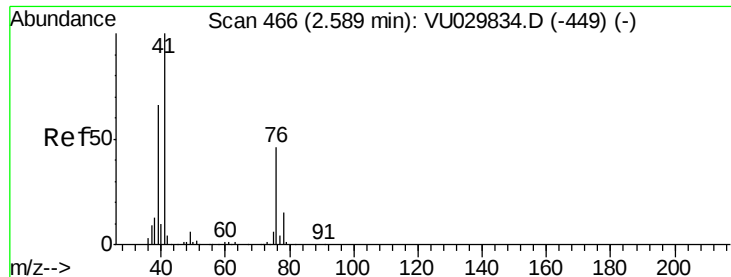
127 41.3 32.3 48.5



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

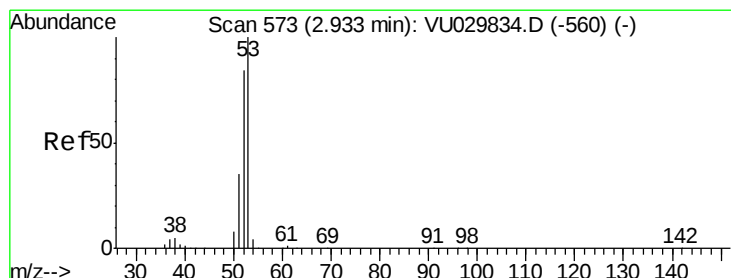
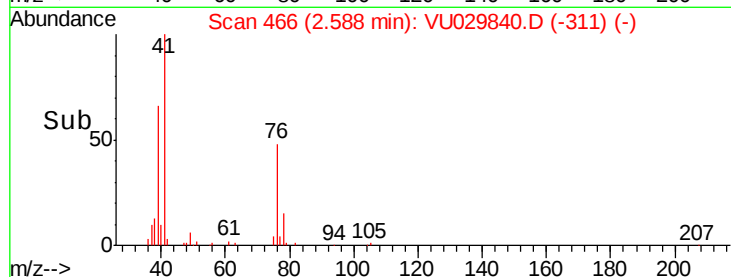
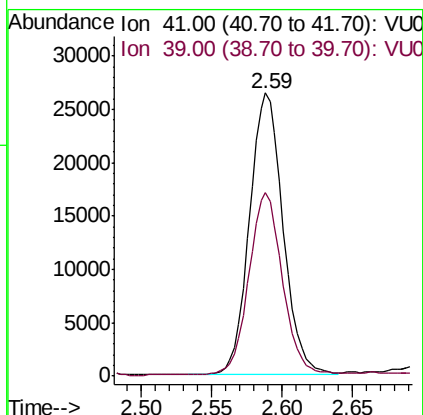
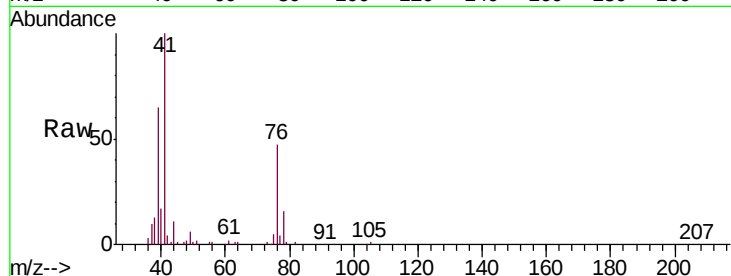




#11
 Allyl Chloride
 Concen: 1.906 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

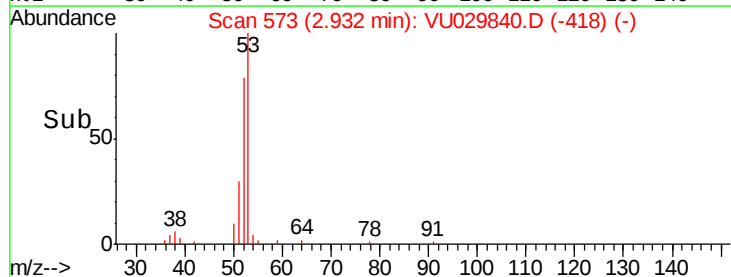
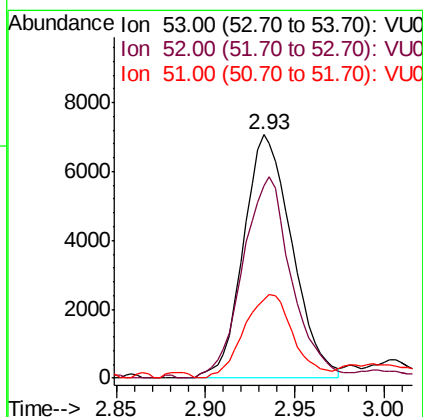
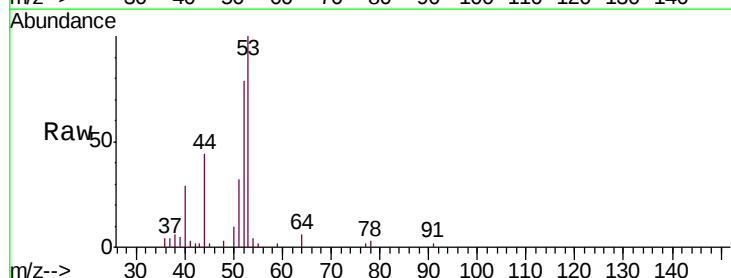
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

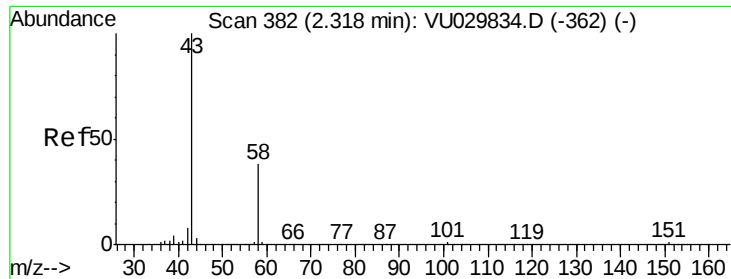
Tgt Ion: 41 Resp: 43926
 Ion Ratio Lower Upper
 41 100
 39 64.5 51.6 77.4



#12
 Acrylonitrile
 Concen: 3.752 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 53 Resp: 13413
 Ion Ratio Lower Upper
 53 100
 52 83.1 66.5 99.7
 51 35.0 28.6 42.8





#13

Acetone

Concen: 9.511 ug/l

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

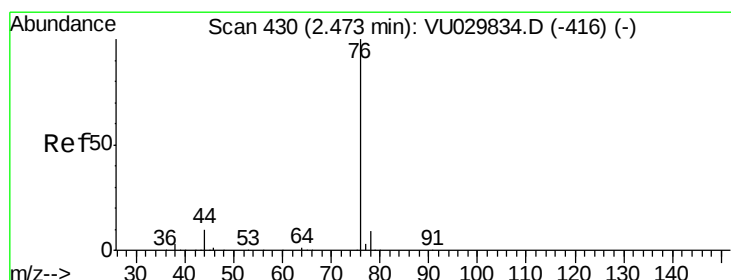
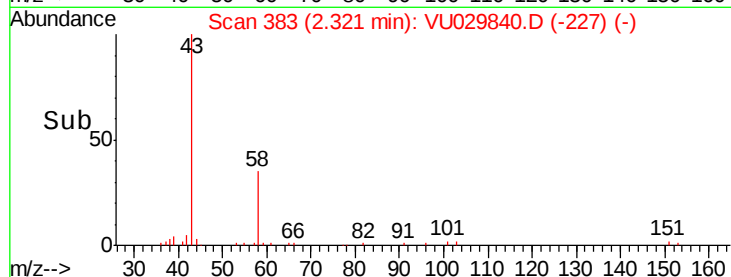
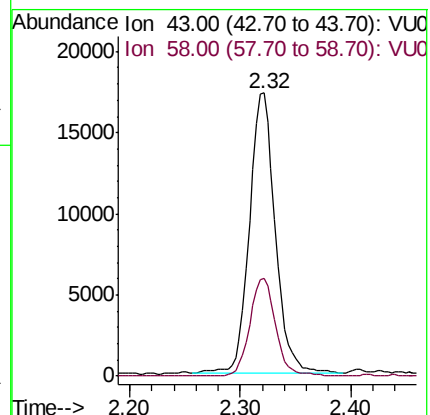
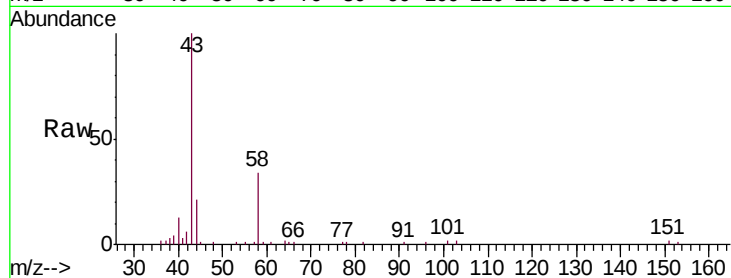
VU0307WBS01

Tgt Ion: 43 Resp: 28164

Ion Ratio Lower Upper

43 100

58 34.7 30.2 45.2



#14

Carbon Disulfide

Concen: 1.907 ug/l

RT: 2.47 min Scan# 430

Delta R.T. -0.00 min

Lab File: VU029840.D

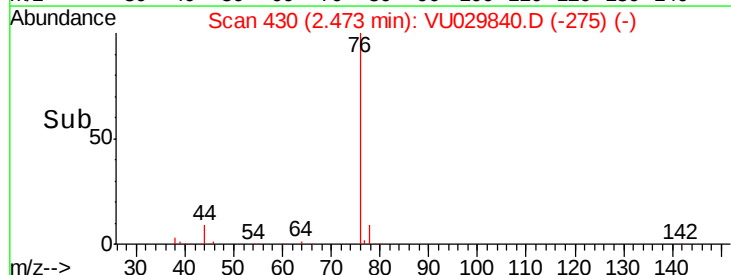
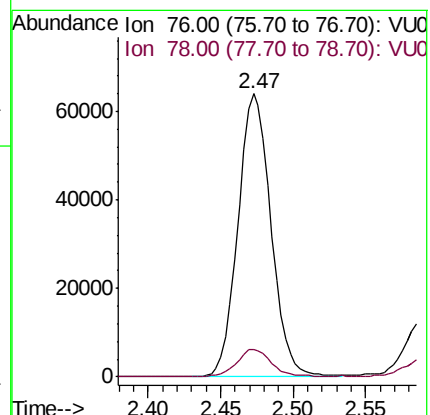
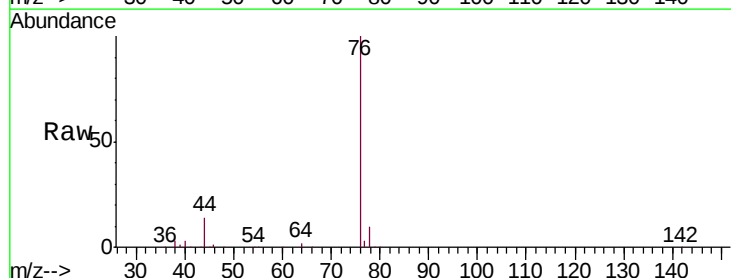
Acq: 06 Mar 2019 15:09

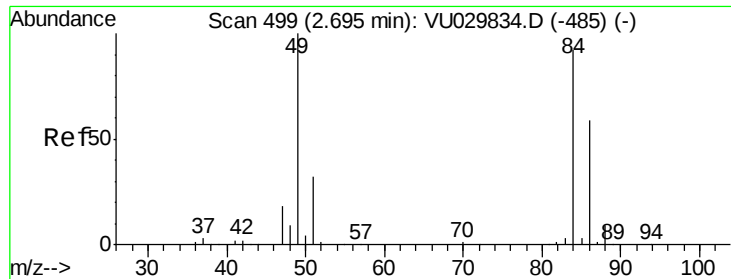
Tgt Ion: 76 Resp: 101268

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

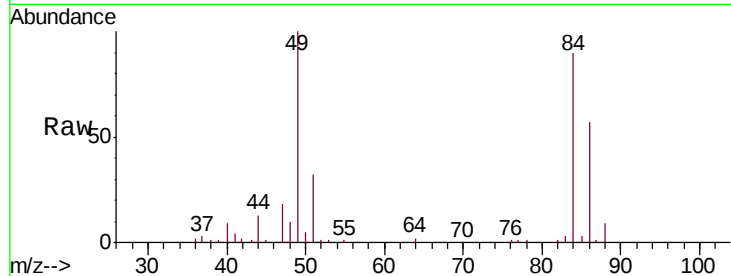




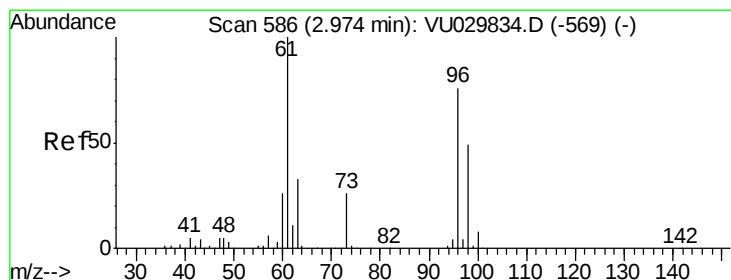
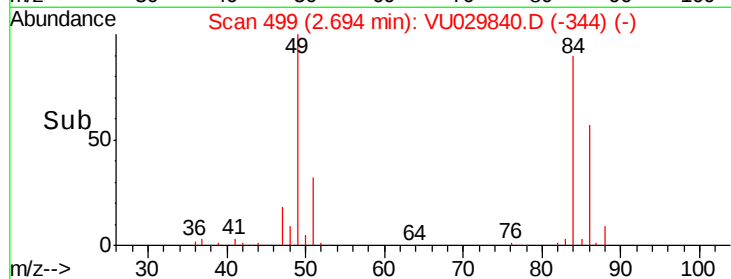
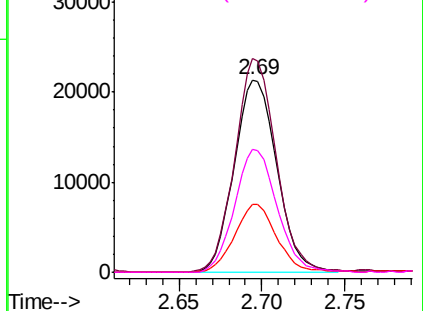
#15
Methylene Chloride
Concen: 1.945 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

Tgt Ion:	84	Resp:	38262
Ion	Ratio	Lower	Upper
84	100		
49	110.9	87.2	130.8
51	35.0	0.0	69.0
86	63.5	51.3	76.9

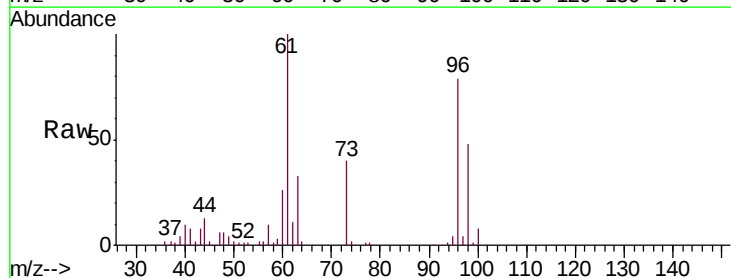


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

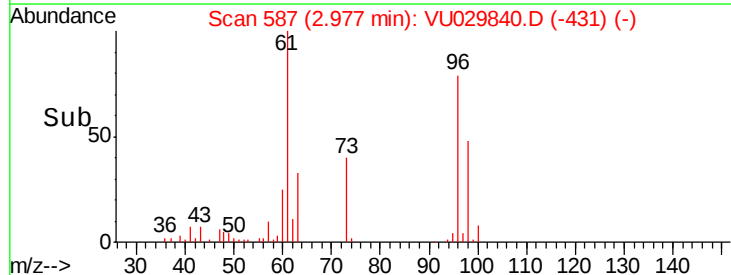
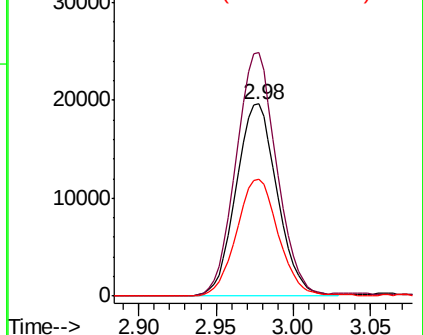


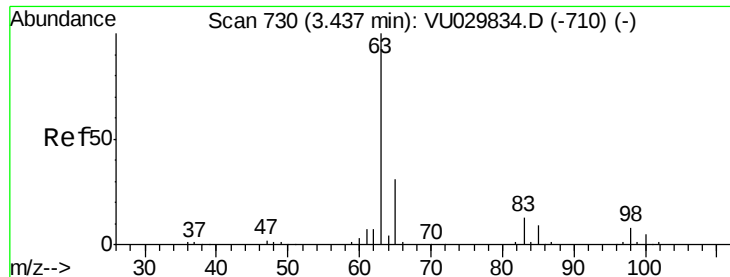
#16
trans-1,2-Dichloroethene
Concen: 1.965 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:	96	Resp:	36399
Ion	Ratio	Lower	Upper
96	100		
61	126.8	104.7	157.1
98	61.0	50.9	76.3



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

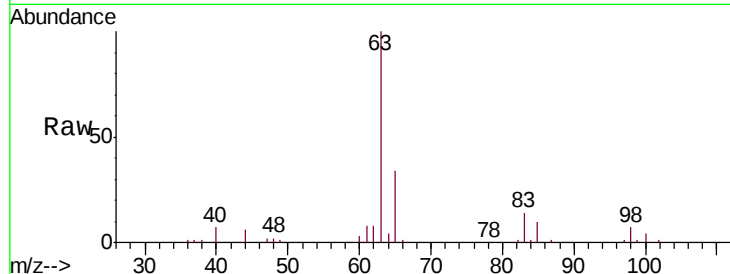




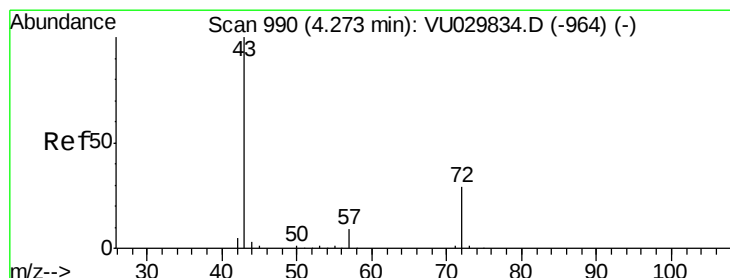
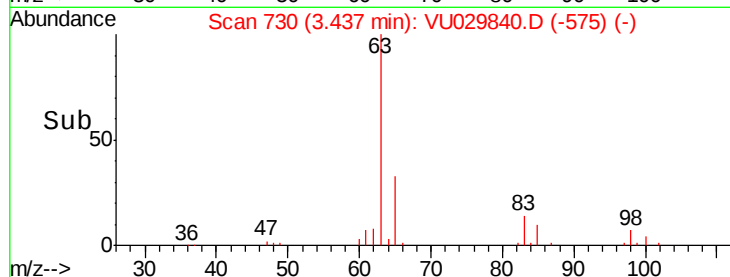
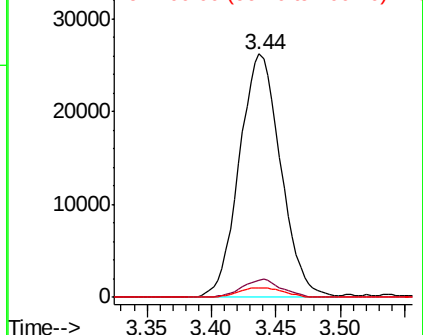
#17
 1,1-Dichloroethane
 Concen: 1.893 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

Tgt Ion: 63 Resp: 58675
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.4
 100 3.9 2.4 7.1

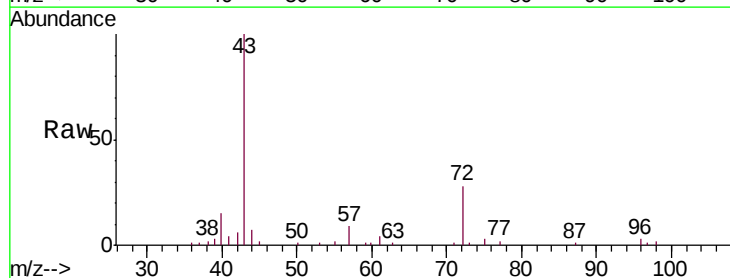


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

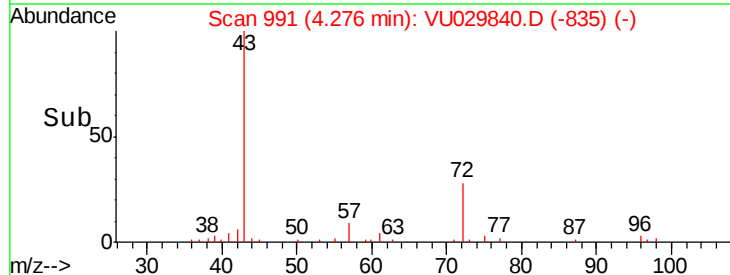
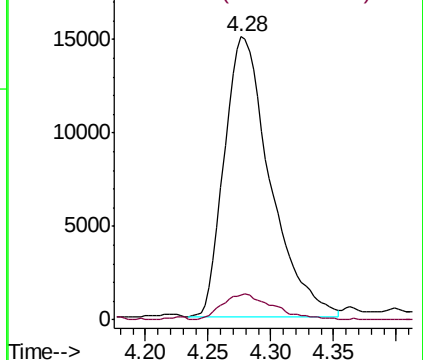


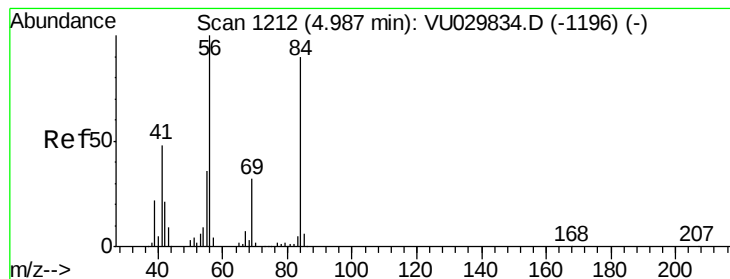
#18
 2-Butanone
 Concen: 9.490 ug/l
 RT: 4.28 min Scan# 991
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 43 Resp: 38189
 Ion Ratio Lower Upper
 43 100
 57 8.8 0.0 18.6



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





#19

Cyclohexane

Concen: 1.936 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

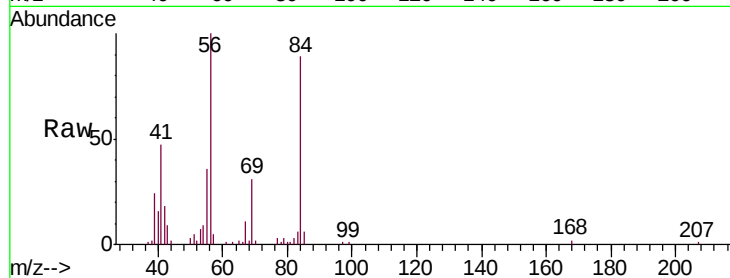
Tgt Ion: 56 Resp: 40439

Ion Ratio Lower Upper

56 100

69 38.9 29.4 44.2

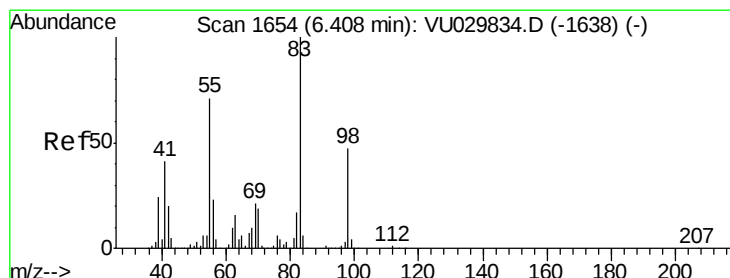
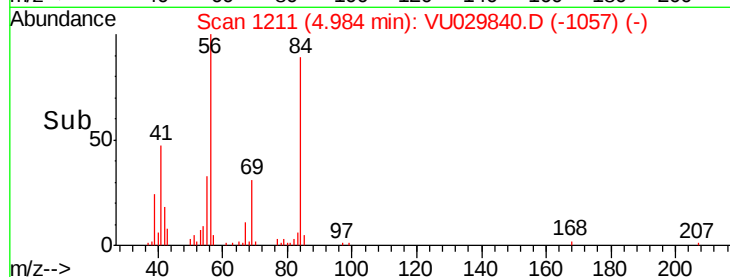
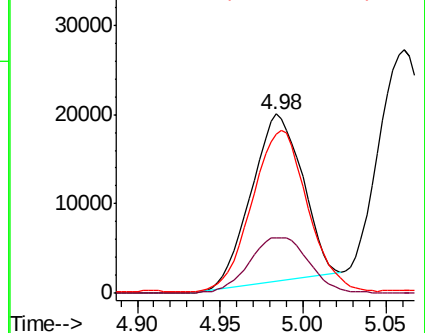
84 103.9 84.6 127.0



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



#20

Methylcyclohexane

Concen: 1.878 ug/l

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

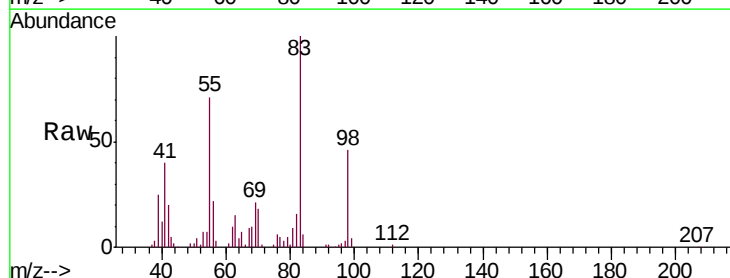
Tgt Ion: 83 Resp: 52630

Ion Ratio Lower Upper

83 100

55 71.3 55.9 83.9

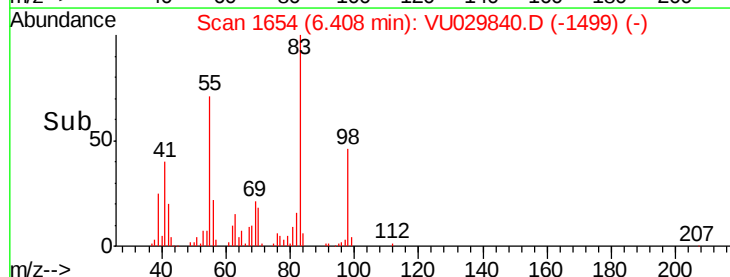
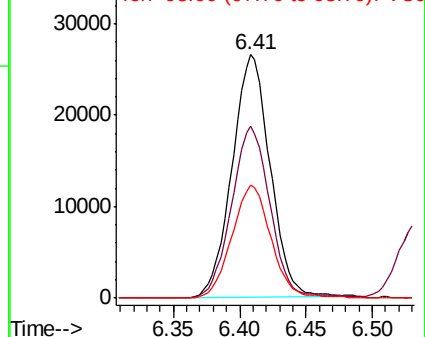
98 46.2 37.0 55.4

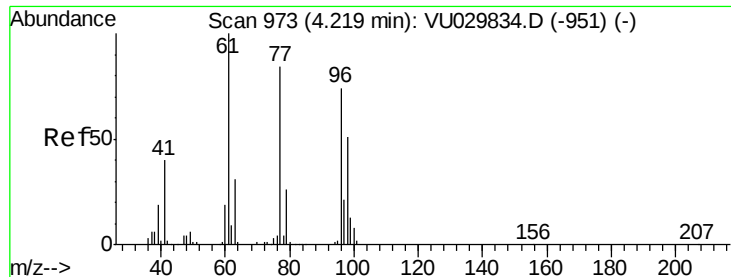


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#21

2,2-Dichloropropane

Concen: 1.879 ug/l

RT: 4.22 min Scan# 973

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

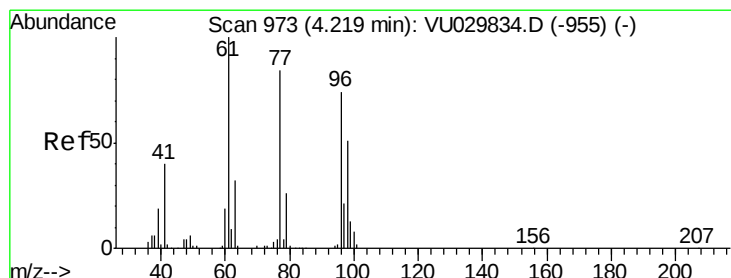
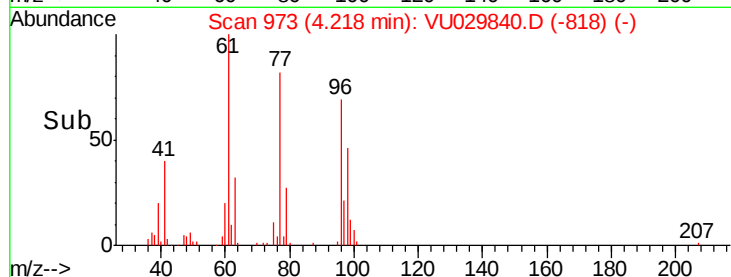
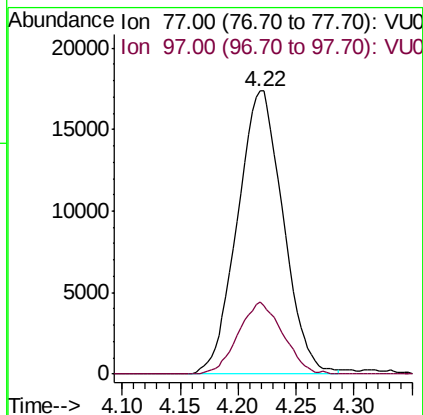
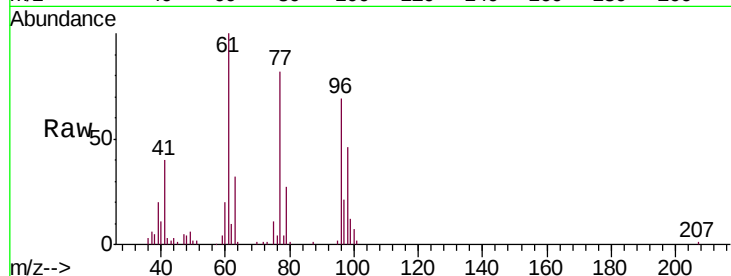
VU0307WBS01

Tgt Ion: 77 Resp: 47601

Ion Ratio Lower Upper

77 100

97 24.8 20.2 30.2



#22

cis-1,2-Dichloroethene

Concen: 1.958 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

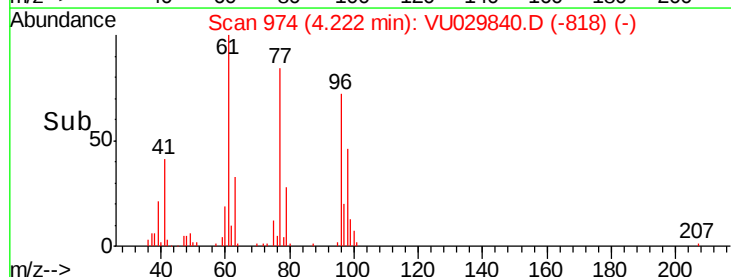
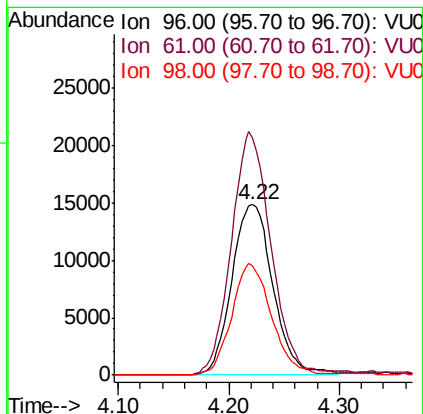
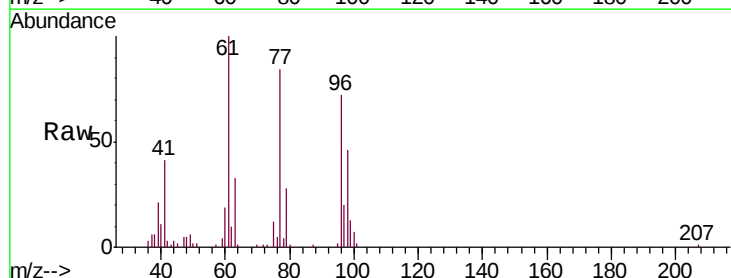
Tgt Ion: 96 Resp: 38441

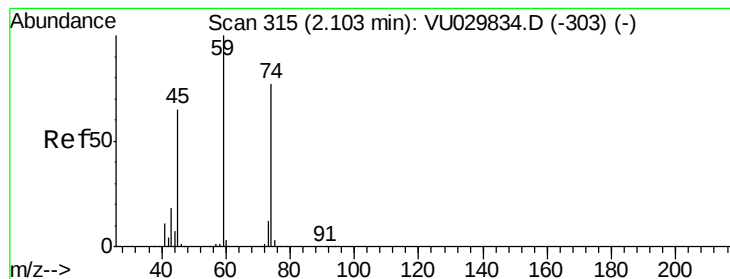
Ion Ratio Lower Upper

96 100

61 138.7 0.0 339.0

98 63.5 33.1 99.5





#23

Diethyl Ether

Concen: 1.937 ug/l

RT: 2.10 min Scan# 315

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

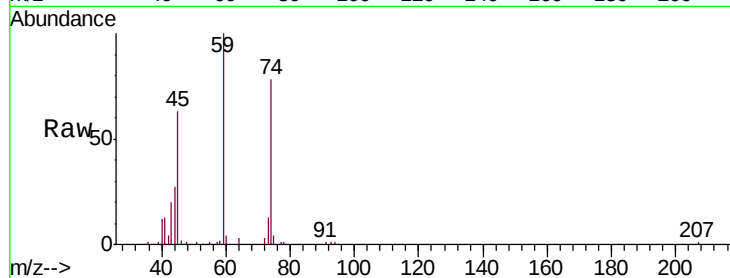
Tgt Ion: 59 Resp: 23808

Ion Ratio Lower Upper

59 100

45 64.9 52.7 79.1

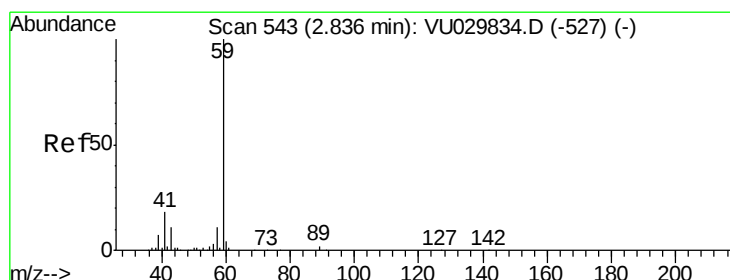
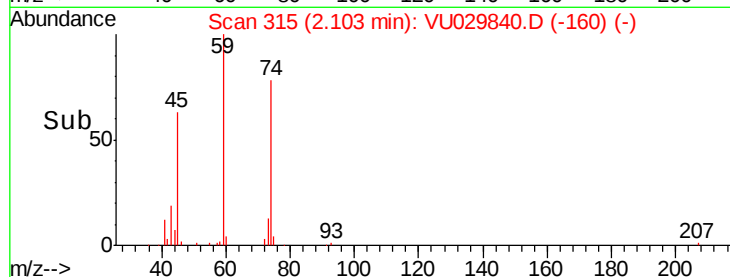
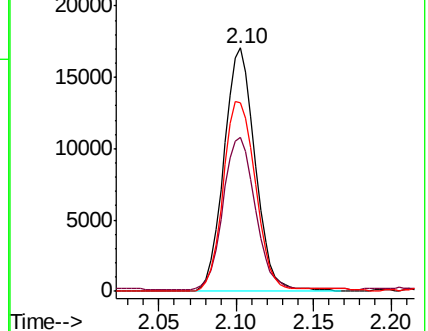
74 81.2 61.8 92.6



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 45.00 (44.70 to 45.70): VU0

Ion 74.00 (73.70 to 74.70): VU0



#24

tert-Butyl Alcohol

Concen: 18.377 ug/l

RT: 2.83 min Scan# 542

Delta R.T. -0.00 min

Lab File: VU029840.D

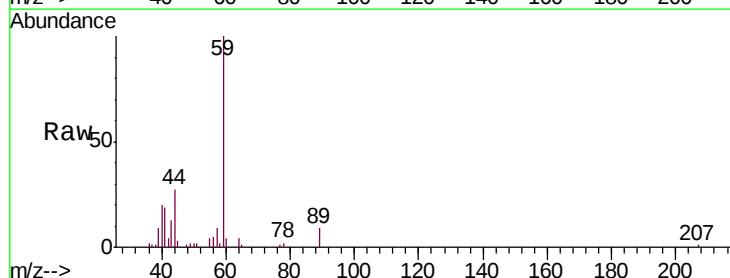
Acq: 06 Mar 2019 15:09

Tgt Ion: 59 Resp: 23303

Ion Ratio Lower Upper

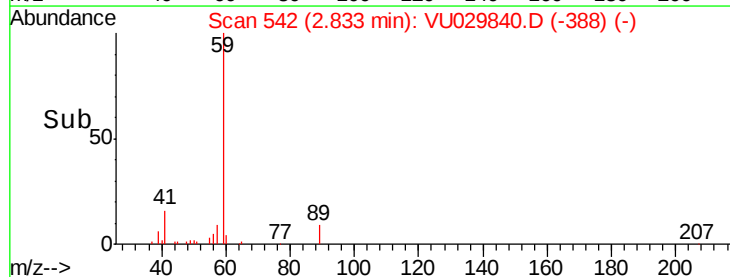
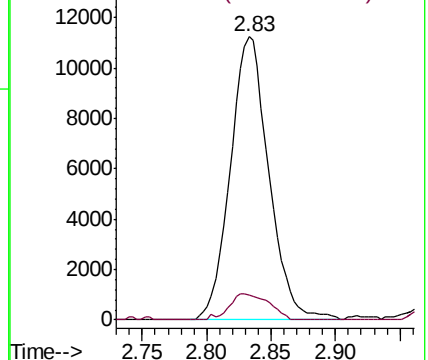
59 100

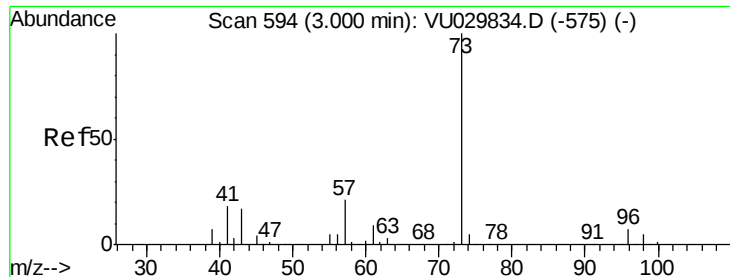
57 9.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 57.00 (56.70 to 57.70): VU0





#25

Methyl tert-Butyl Ether

Concen: 1.954 ug/l

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

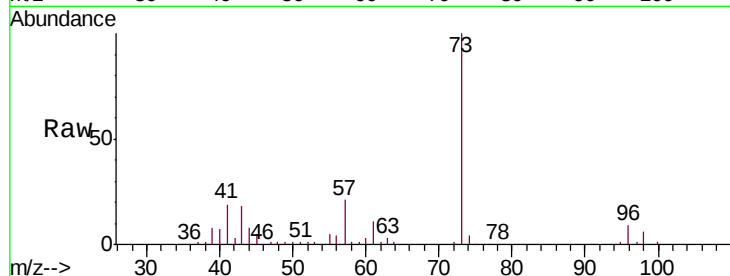
VU0307WBS01

Tgt Ion: 73 Resp: 80696

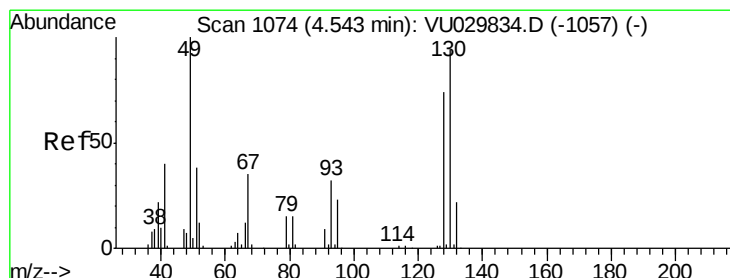
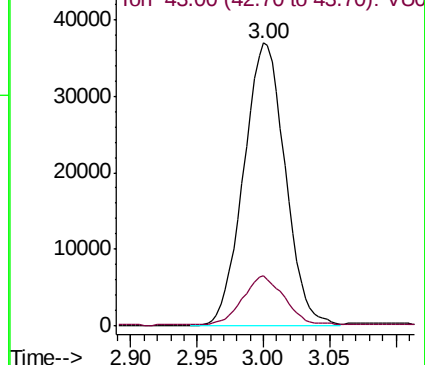
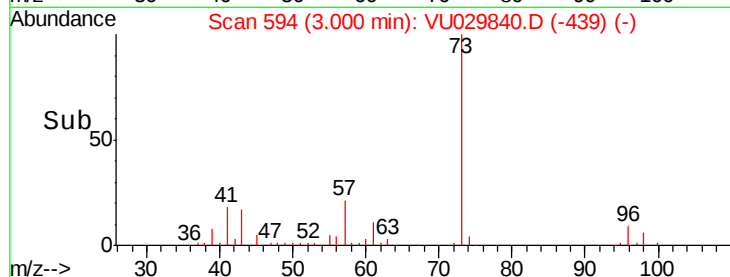
Ion Ratio Lower Upper

73 100

43 17.1 13.1 19.7



Abundance Ion 73.00 (72.70 to 73.70): VU029840.D (-439) (-)



#26

Bromochloromethane

Concen: 2.072 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

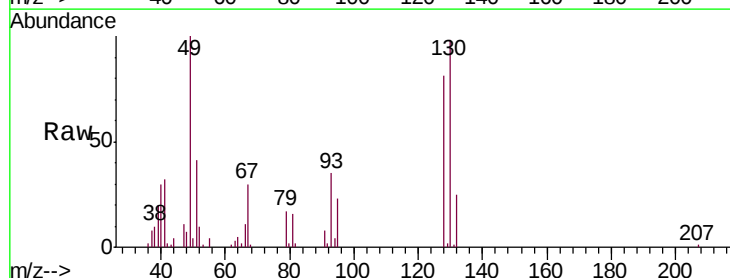
Tgt Ion: 128 Resp: 18056

Ion Ratio Lower Upper

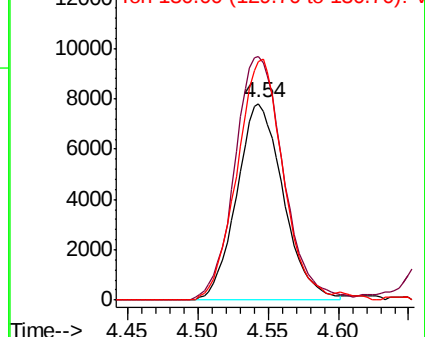
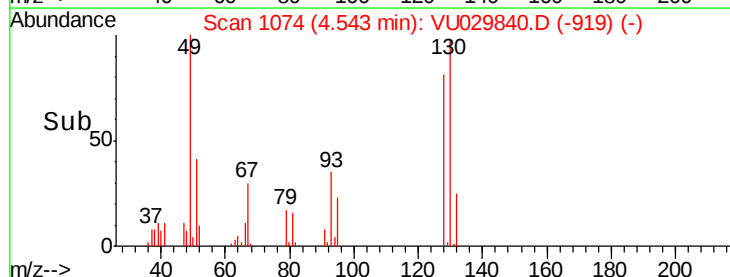
128 100

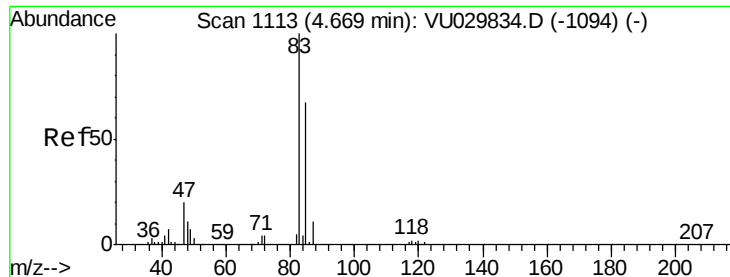
49 129.6 0.0 270.6

130 121.0 104.2 156.4



Abundance Ion 128.00 (127.70 to 128.70): VU029840.D (-919) (-)





#27

Chloroform

Concen: 1.942 ug/l

RT: 4.67 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

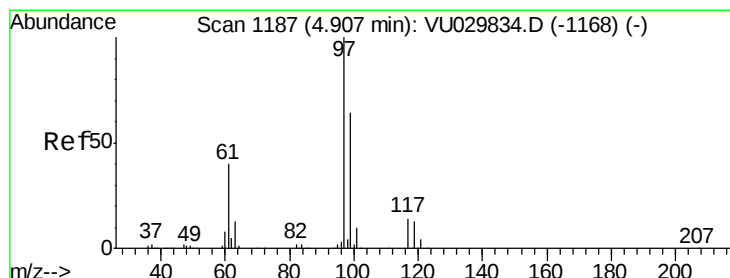
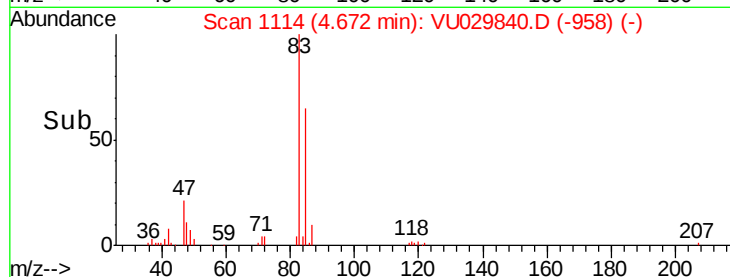
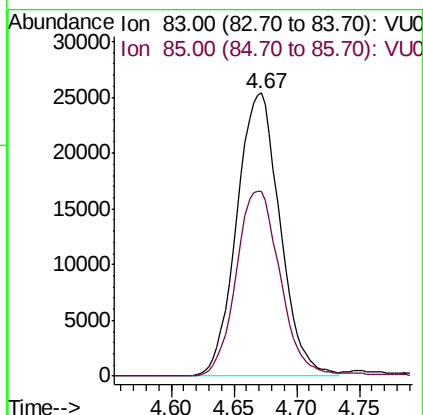
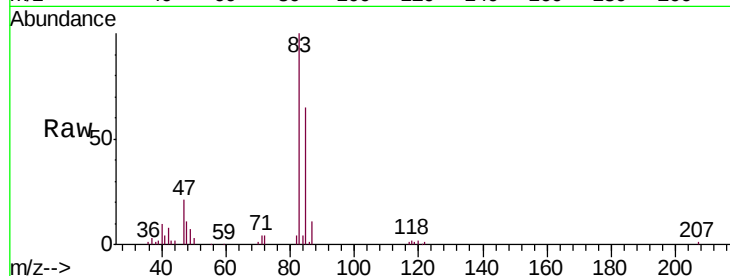
VU0307WBS01

Tgt Ion: 83 Resp: 60936

Ion Ratio Lower Upper

83 100

85 65.1 0.0 133.2



#28

1,1,1-Trichloroethane

Concen: 1.934 ug/l

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

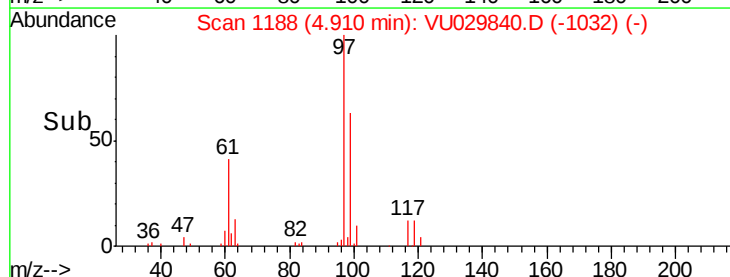
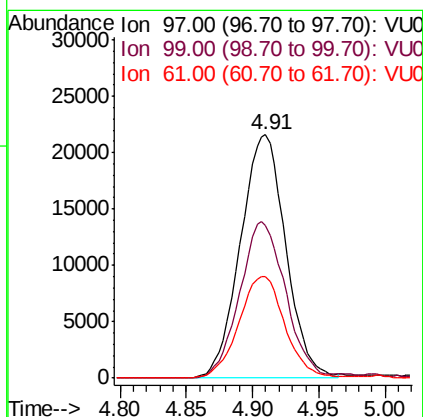
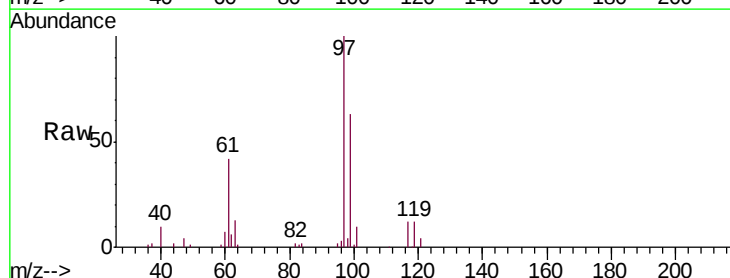
Tgt Ion: 97 Resp: 51458

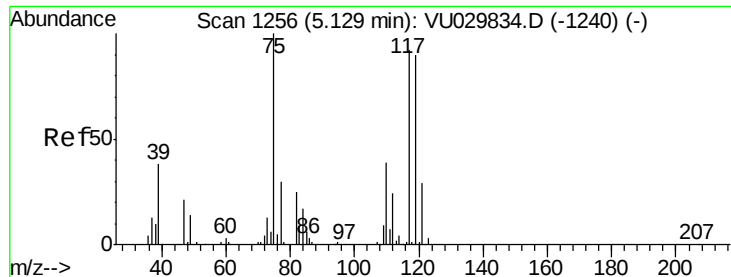
Ion Ratio Lower Upper

97 100

99 64.7 31.9 95.9

61 42.6 20.4 61.3





#29

1,1-Dichloropropene

Concen: 1.862 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

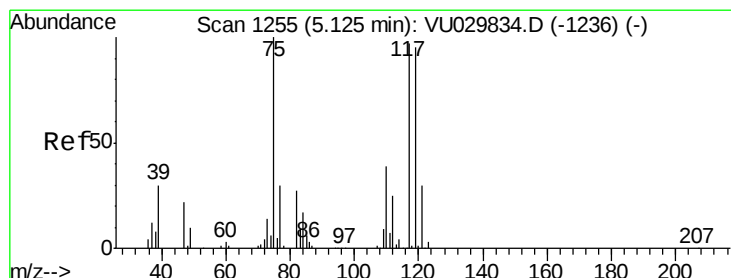
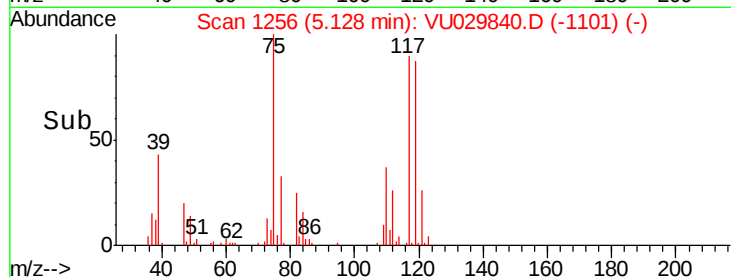
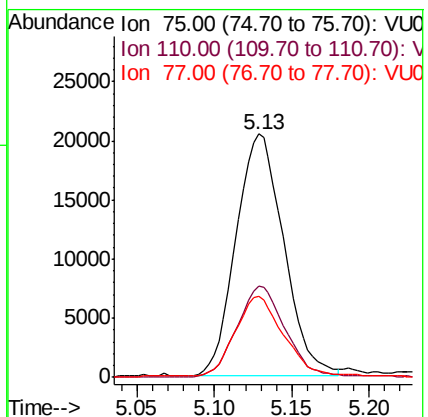
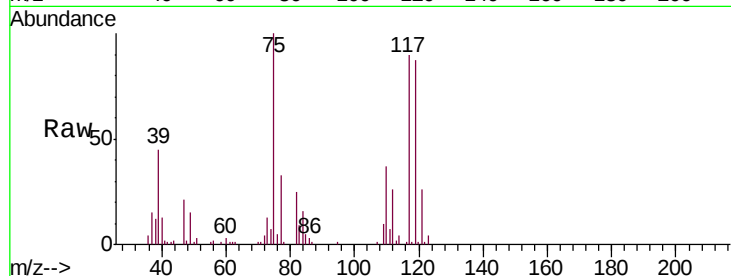
Tgt Ion: 75 Resp: 44034

Ion Ratio Lower Upper

75 100

110 38.1 19.1 57.5

77 32.9 23.9 35.9



#30

Carbon Tetrachloride

Concen: 1.846 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

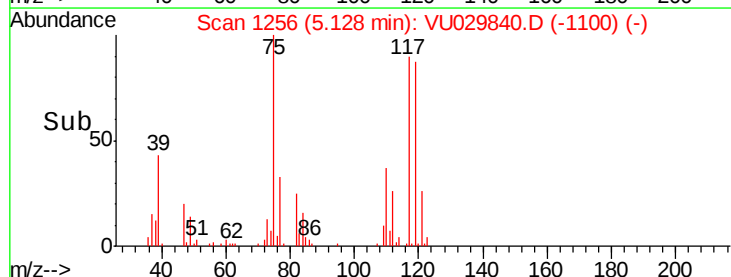
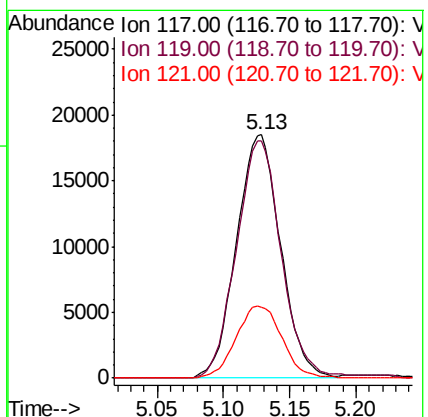
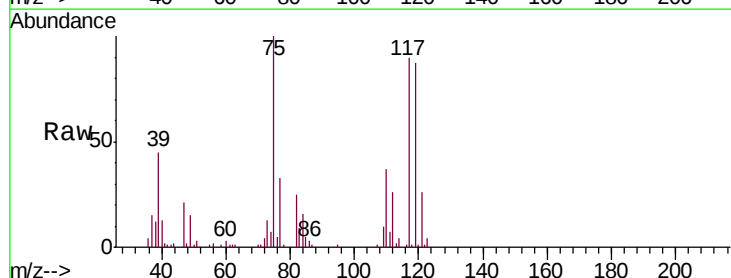
Tgt Ion: 117 Resp: 42844

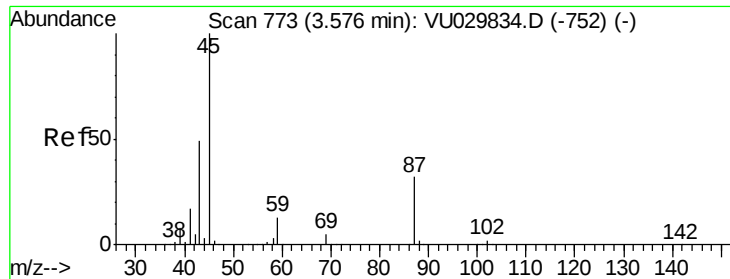
Ion Ratio Lower Upper

117 100

119 97.2 78.4 117.6

121 29.3 25.0 37.4





#31

Isopropyl Ether

Concen: 1.979 ug/l

RT: 3.57 min Scan# 772

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

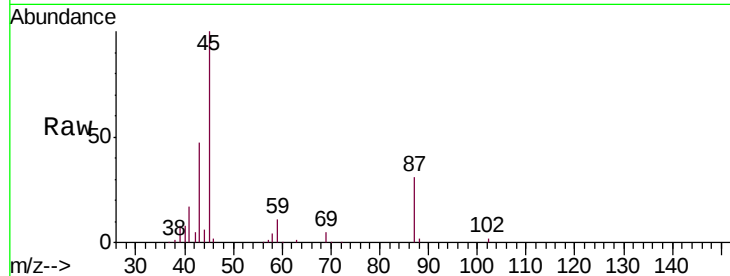
VU0307WBS01

Tgt Ion: 45 Resp: 84583

Ion Ratio Lower Upper

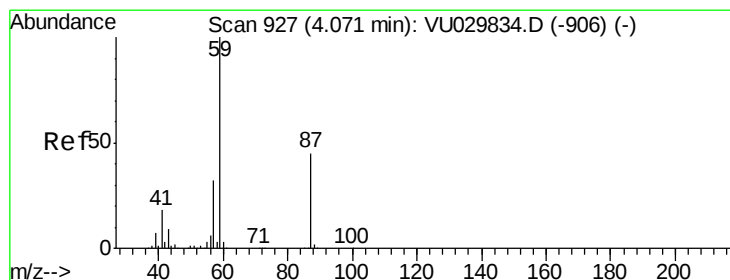
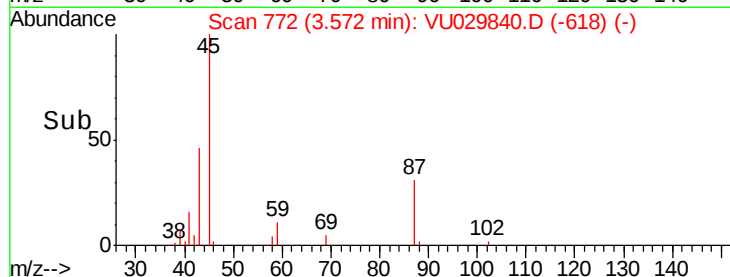
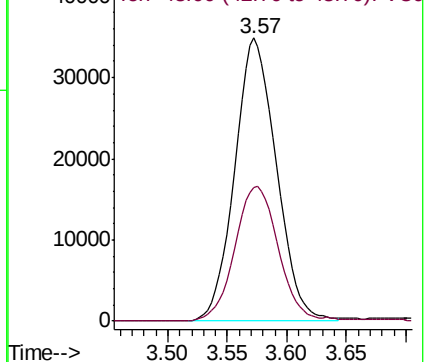
45 100

43 49.5 24.3 72.9



Abundance Ion 45.00 (44.70 to 45.70): VU0

Ion 43.00 (42.70 to 43.70): VU0



#32

Ethyl-t-butyl ether

Concen: 1.931 ug/l

RT: 4.07 min Scan# 927

Delta R.T. -0.00 min

Lab File: VU029840.D

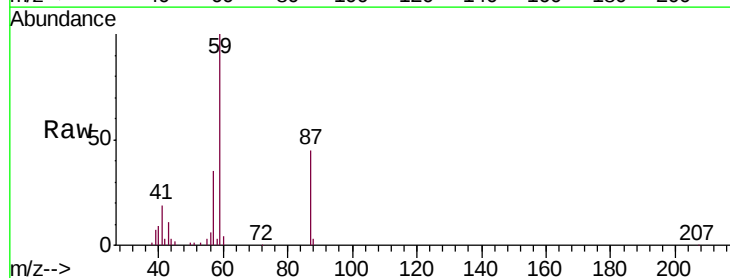
Acq: 06 Mar 2019 15:09

Tgt Ion: 59 Resp: 80211

Ion Ratio Lower Upper

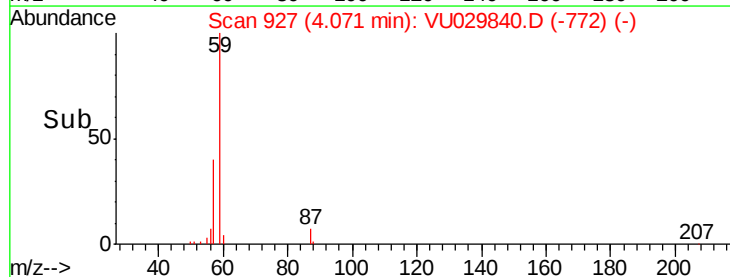
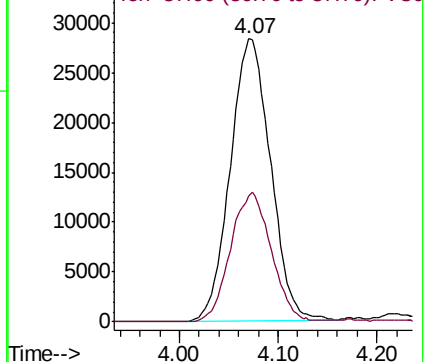
59 100

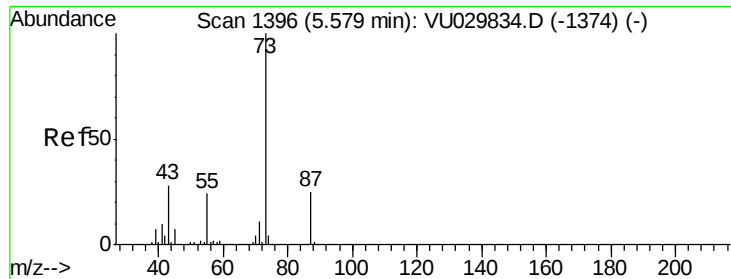
87 45.9 36.2 54.4



Abundance Ion 59.00 (58.70 to 59.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

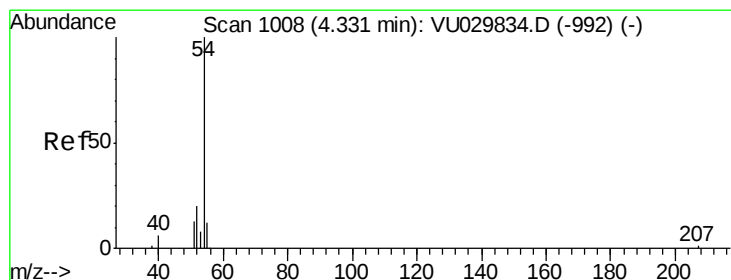
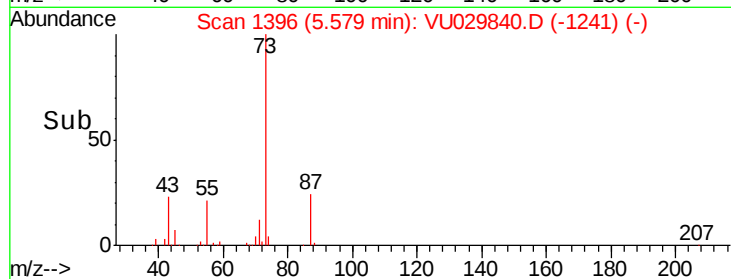
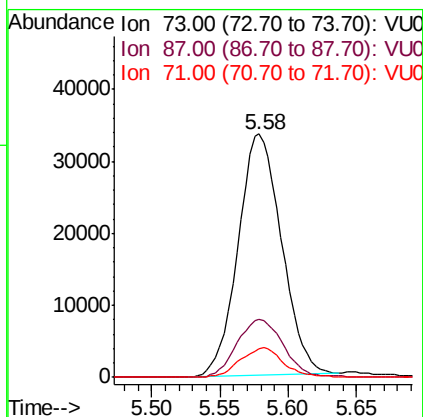
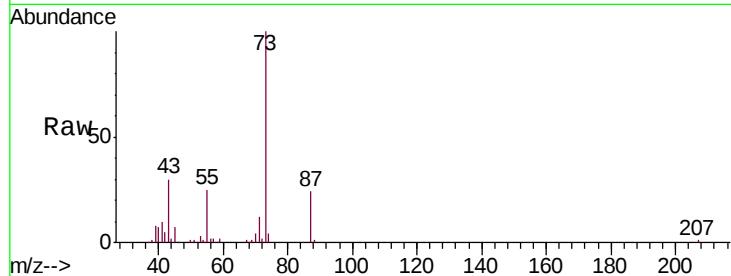




#33
Tert-Amyl methyl ether
Concen: 1.930 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

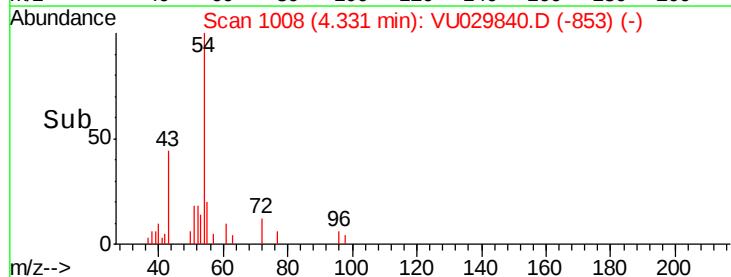
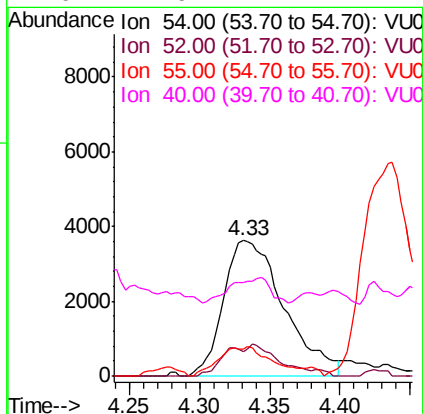
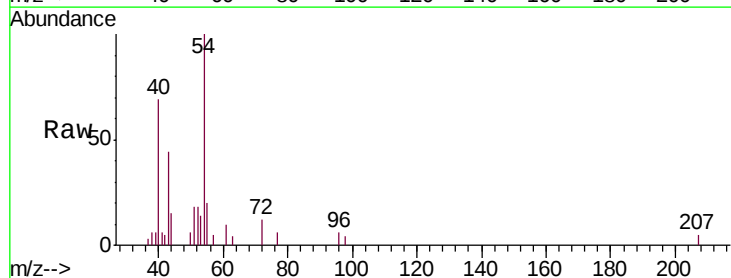
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

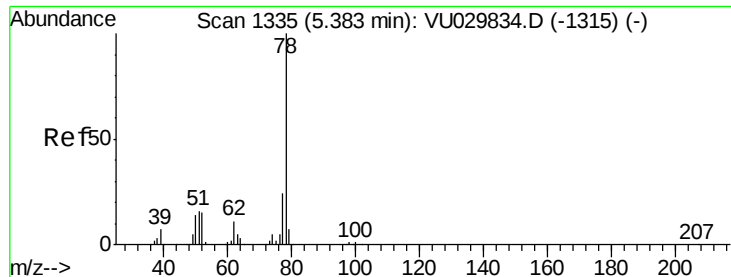
Tgt Ion: 73 Resp: 74149
Ion Ratio Lower Upper
73 100
87 25.6 19.7 29.5
71 12.3 9.4 14.2



#34
Propionitrile
Concen: 9.084 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion: 54 Resp: 10874
Ion Ratio Lower Upper
54 100
52 8.2 16.1 24.1#
55 7.9 11.2 16.8#
40 11.9 4.7 7.1#





#35

Benzene

Concen: 1.912 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

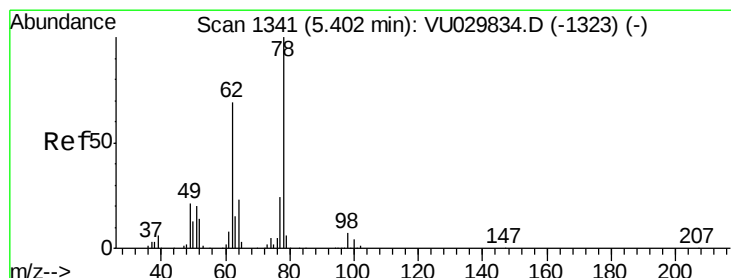
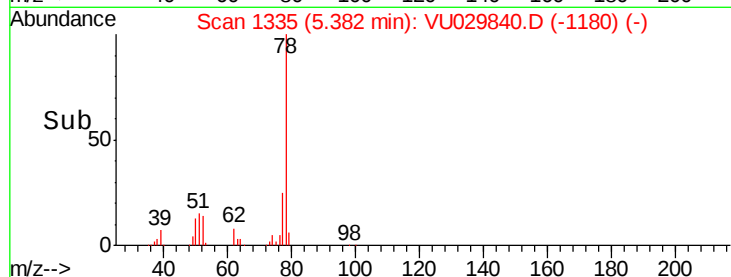
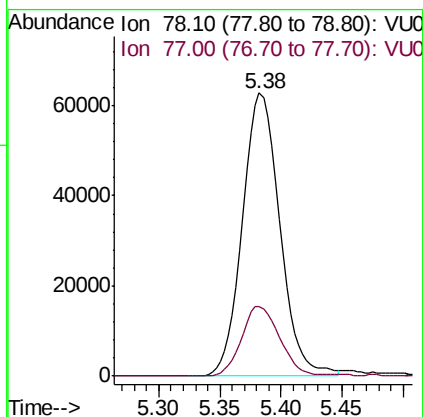
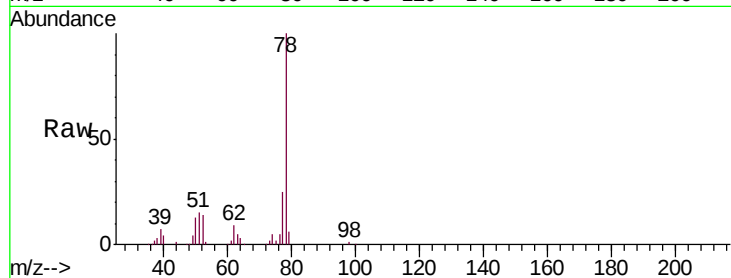
VU0307WBS01

Tgt Ion: 78 Resp: 133165

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#36

1,2-Dichloroethane

Concen: 1.956 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VU029840.D

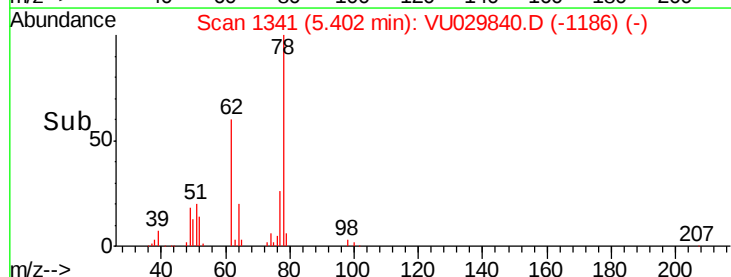
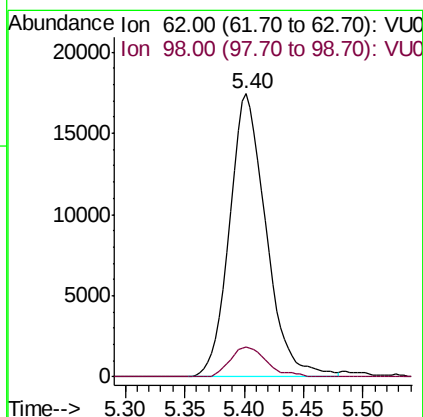
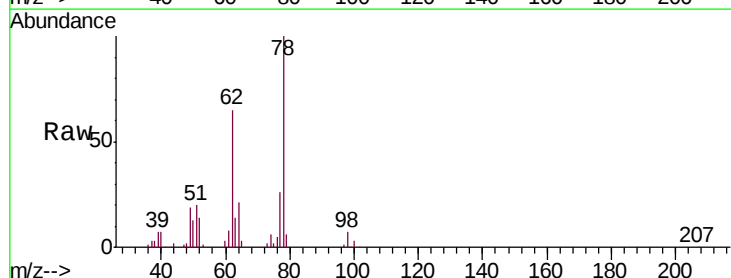
Acq: 06 Mar 2019 15:09

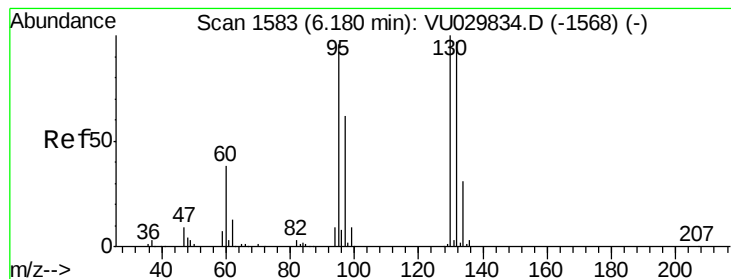
Tgt Ion: 62 Resp: 37203

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.2





#37

Trichloroethene

Concen: 1.913 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

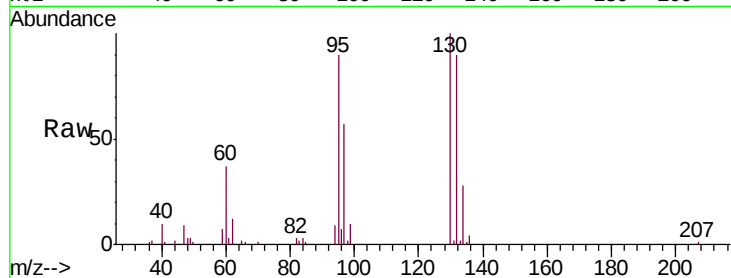
VU0307WBS01

Tgt Ion:130 Resp: 38901

Ion Ratio Lower Upper

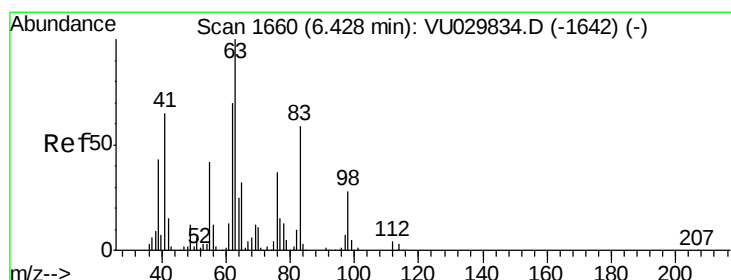
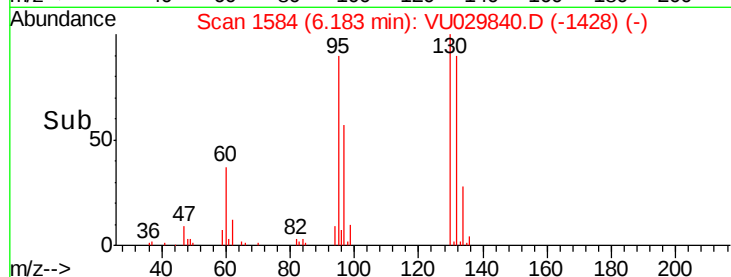
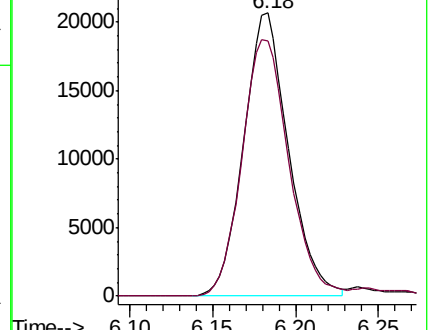
130 100

95 90.0 76.6 114.8



Abundance Ion 129.90 (129.60 to 130.60): VU029834.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU029834.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 1.906 ug/l

RT: 6.43 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VU029840.D

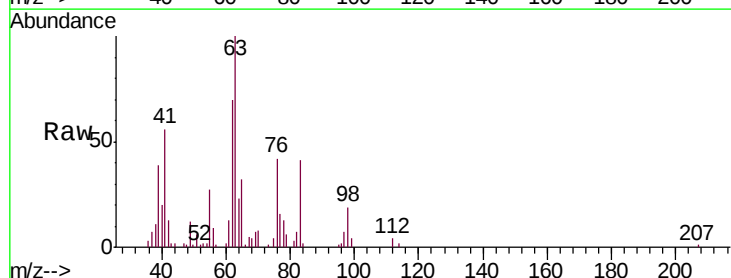
Acq: 06 Mar 2019 15:09

Tgt Ion: 63 Resp: 33614

Ion Ratio Lower Upper

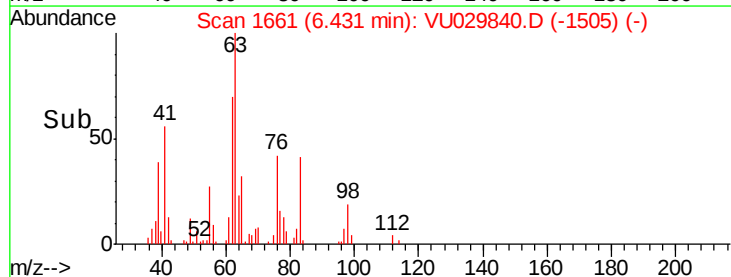
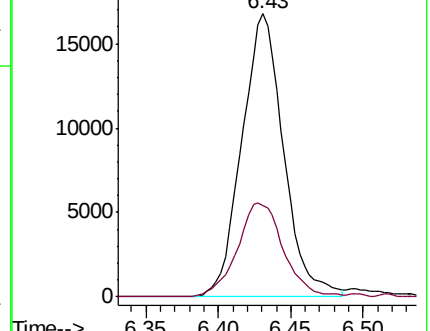
63 100

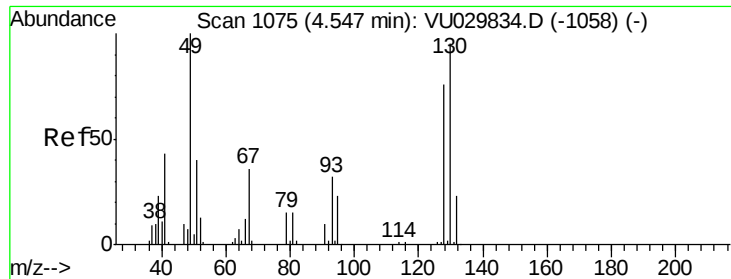
65 32.5 25.4 38.2



Abundance Ion 63.00 (62.70 to 63.70): VU029834.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU029834.D (-1642) (-)

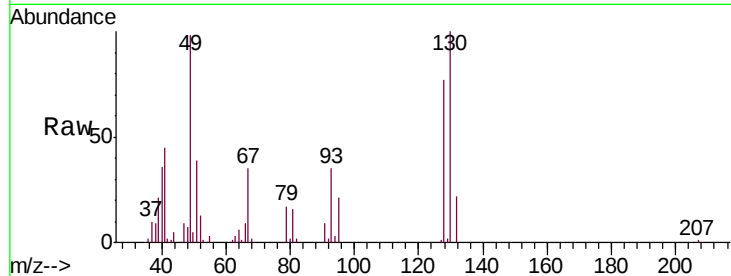




#39
Methacrylonitrile
Concen: 1.856 ug/l
RT: 4.55 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

Tgt Ion:	41	Resp:	9348
Ion	Ratio	Lower	Upper
41	100		
67	86.5	68.4	102.6
39	51.9	42.6	63.8
52	31.9	26.2	39.4



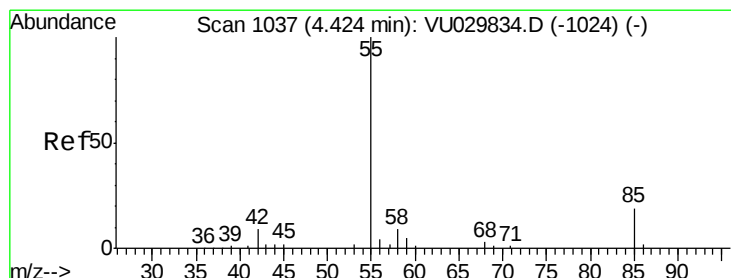
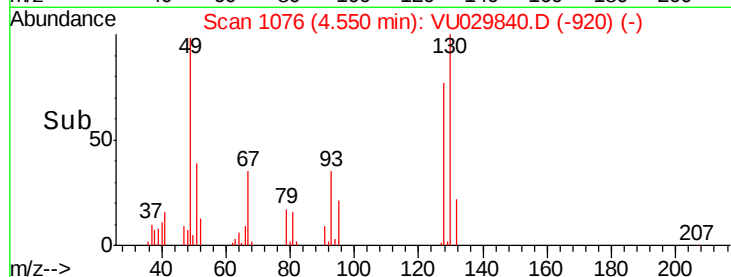
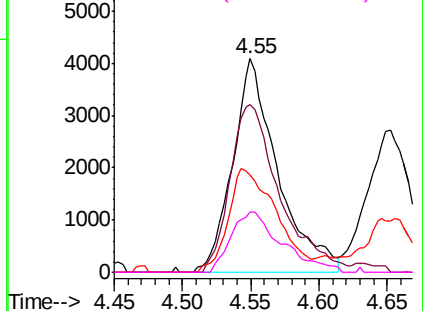
Abundance

Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

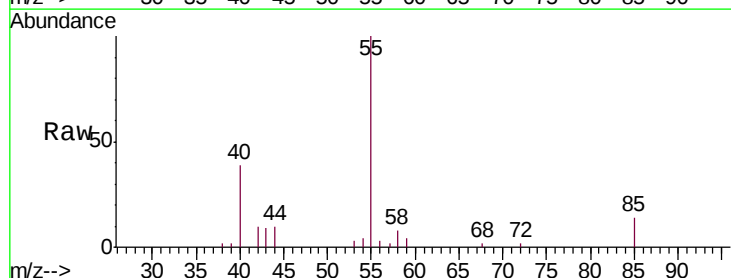
Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40
Methyl acrylate
Concen: 1.964 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:	55	Resp:	15634
Ion	Ratio	Lower	Upper
55	100		
85	16.0	15.2	22.8
58	8.3	7.6	11.4
42	11.1	7.5	11.3



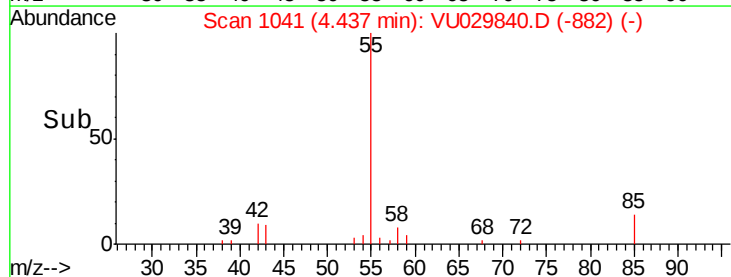
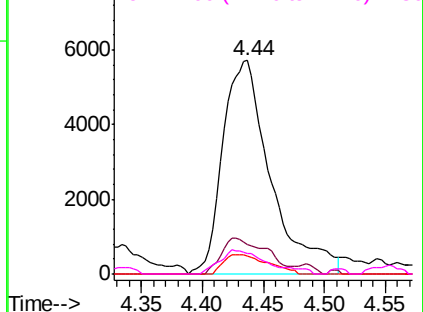
Abundance

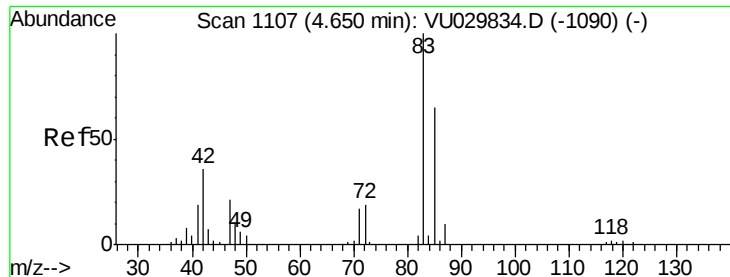
Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.976 ug/l

RT: 4.65 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

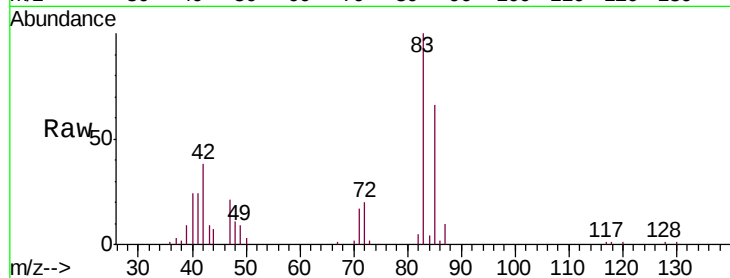
Tgt Ion: 42 Resp: 10472

Ion Ratio Lower Upper

42 100

72 49.4 43.6 65.4

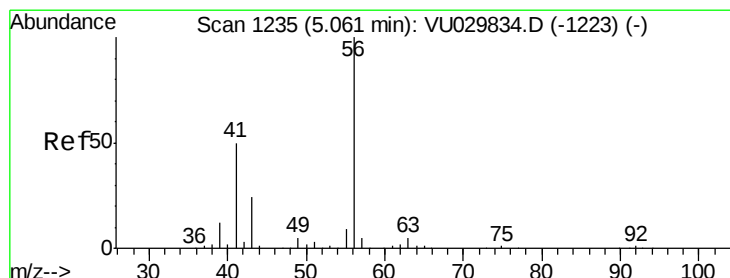
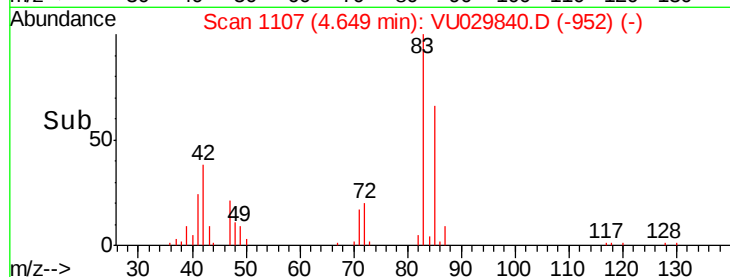
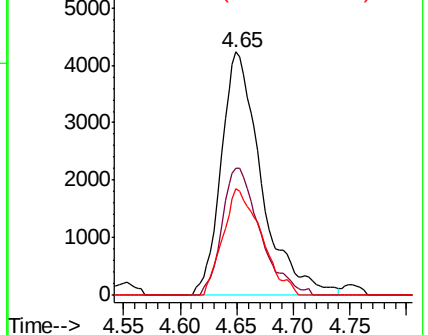
71 41.7 37.5 56.3



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



#42

1-Chlorobutane

Concen: 1.958 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VU029840.D

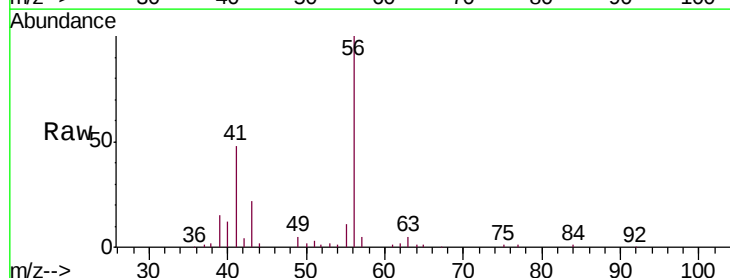
Acq: 06 Mar 2019 15:09

Tgt Ion: 56 Resp: 59161

Ion Ratio Lower Upper

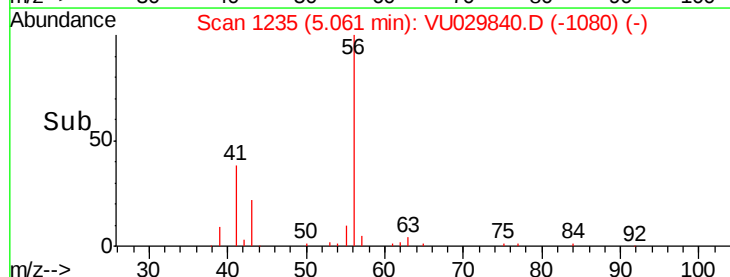
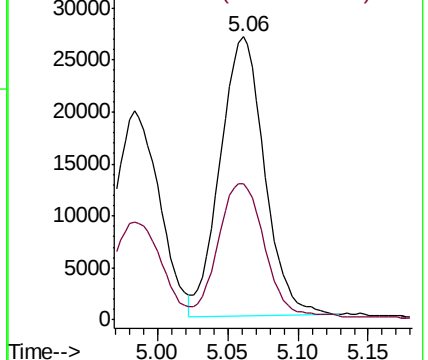
56 100

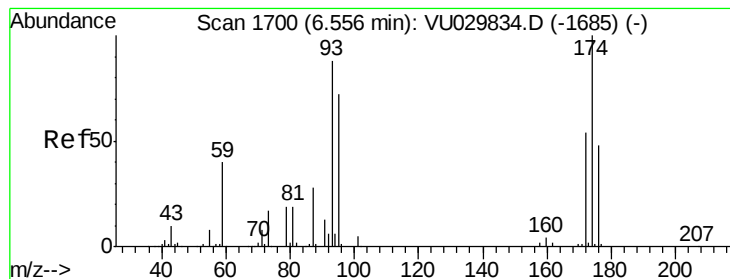
41 49.8 25.0 75.0



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 2.060 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

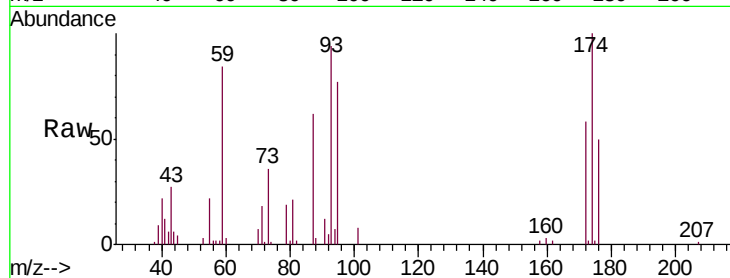
Tgt Ion: 93 Resp: 18821

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

174 112.5 91.4 137.2

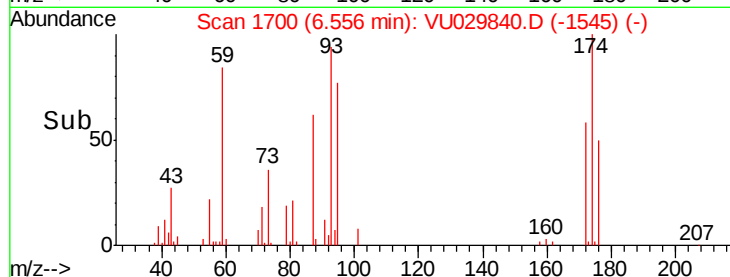


Abundance Ion 93.00 (92.70 to 93.70): VU029834.D (-1685) (-)

Ion 95.00 (94.70 to 95.70): VU029834.D (-1685) (-)

Ion 174.00 (173.70 to 174.70): VU029834.D (-1685) (-)

Time-->

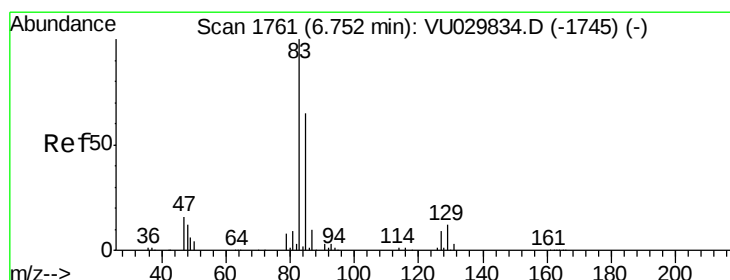


Abundance Ion 93.00 (92.70 to 93.70): VU029840.D (-1545) (-)

Ion 95.00 (94.70 to 95.70): VU029840.D (-1545) (-)

Ion 174.00 (173.70 to 174.70): VU029840.D (-1545) (-)

Time-->



#44

Bromodichloromethane

Concen: 1.871 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

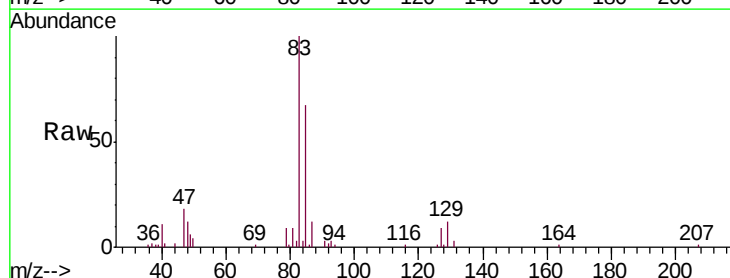
Tgt Ion: 83 Resp: 41979

Ion Ratio Lower Upper

83 100

85 67.3 51.7 77.5

127 9.5 7.4 11.2

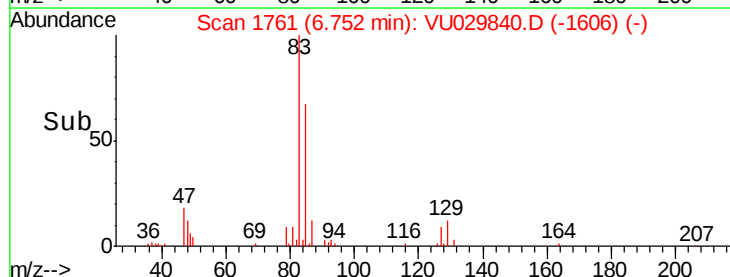


Abundance Ion 83.00 (82.70 to 83.70): VU029834.D (-1745) (-)

Ion 85.00 (84.70 to 85.70): VU029834.D (-1745) (-)

Ion 127.00 (126.70 to 127.70): VU029834.D (-1745) (-)

Time-->

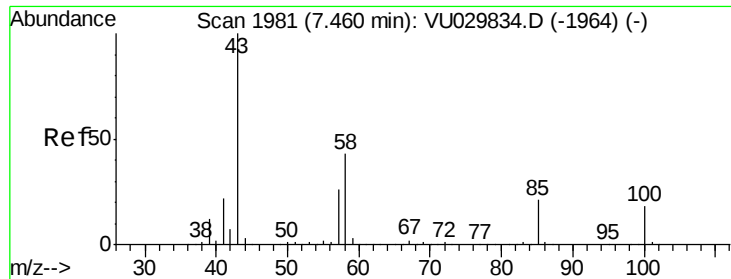


Abundance Ion 83.00 (82.70 to 83.70): VU029840.D (-1606) (-)

Ion 85.00 (84.70 to 85.70): VU029840.D (-1606) (-)

Ion 127.00 (126.70 to 127.70): VU029840.D (-1606) (-)

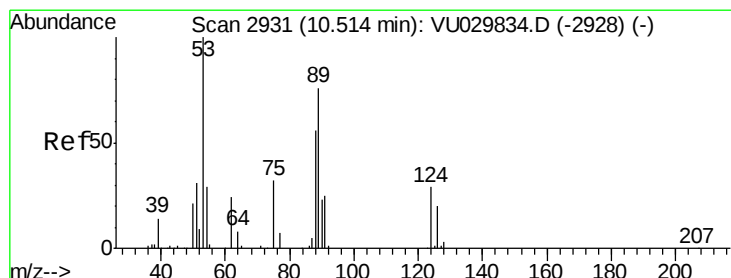
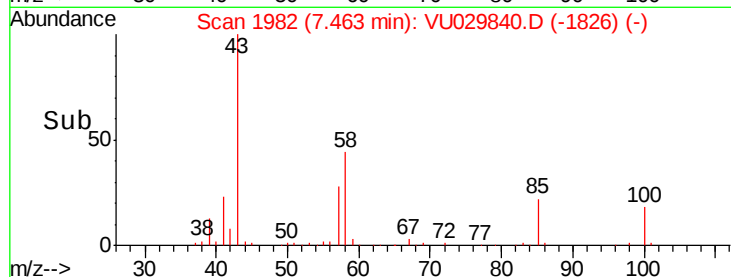
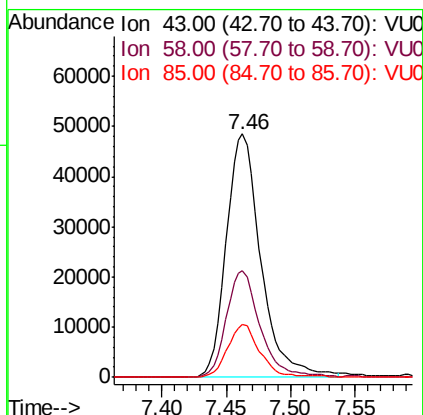
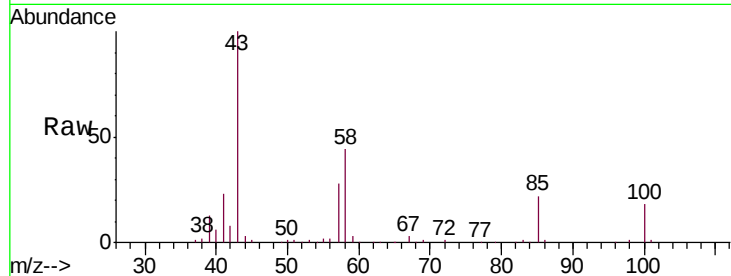
Time-->



#45
 4-Methyl-2-Pentanone
 Concen: 9.492 ug/l
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

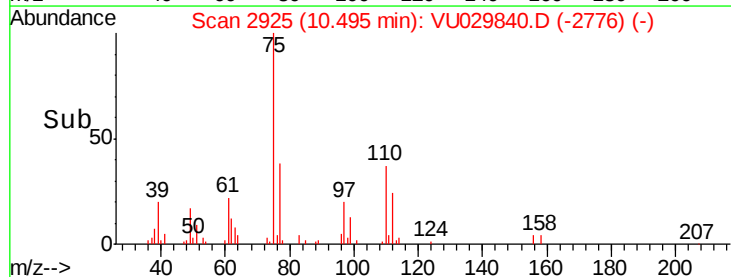
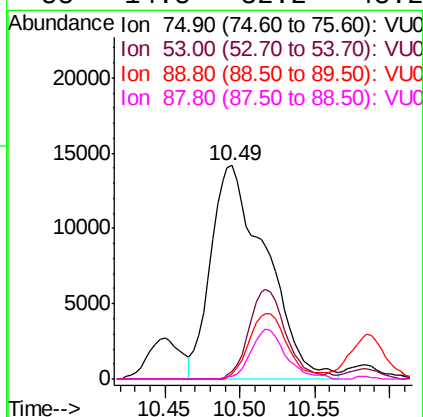
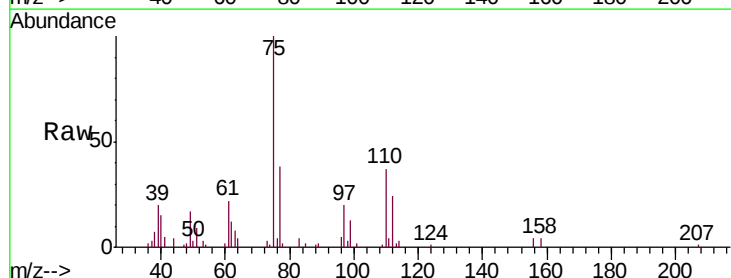
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

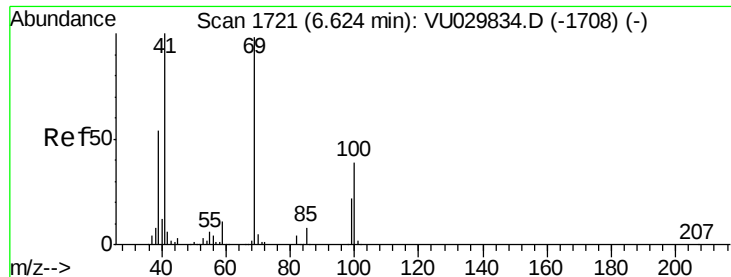
Tgt Ion: 43 Resp: 90466
 Ion Ratio Lower Upper
 43 100
 58 42.9 21.6 65.0
 85 20.4 16.5 24.7



#46
 t-1,4-Dichloro-2-butene
 Concen: 9.149 ug/l
 RT: 10.49 min Scan# 2925
 Delta R.T. -0.02 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 75 Resp: 36455
 Ion Ratio Lower Upper
 75 100
 53 27.8 59.2 88.8#
 89 21.1 44.9 67.3#
 88 14.8 32.2 48.2#

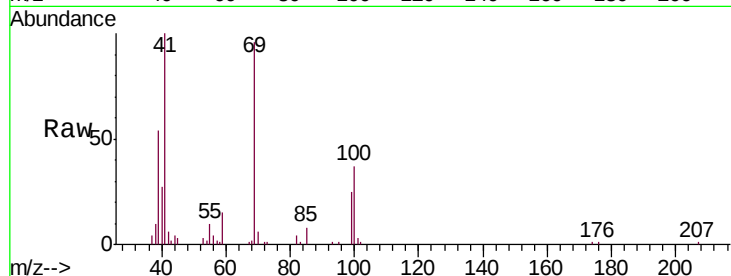




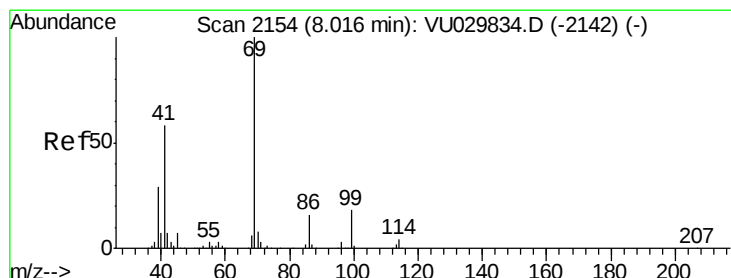
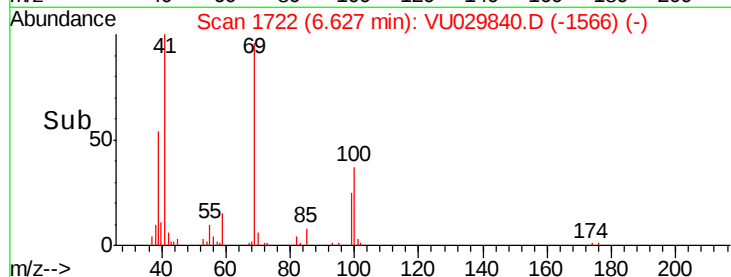
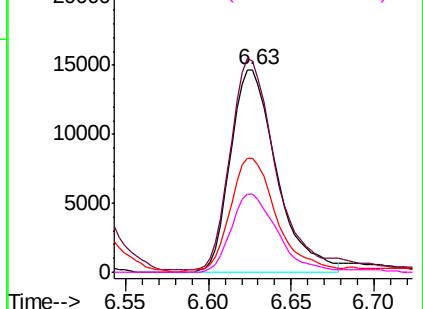
#47
Methyl methacrylate
Concen: 3.628 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

Tgt Ion: 69 Resp: 28452
Ion Ratio Lower Upper
69 100
41 106.1 0.0 201.0
39 57.2 43.3 64.9
100 39.6 31.5 47.3

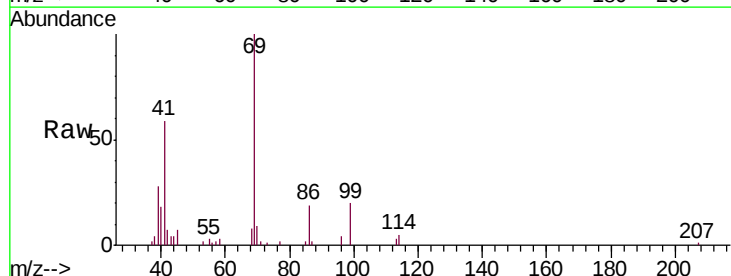


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

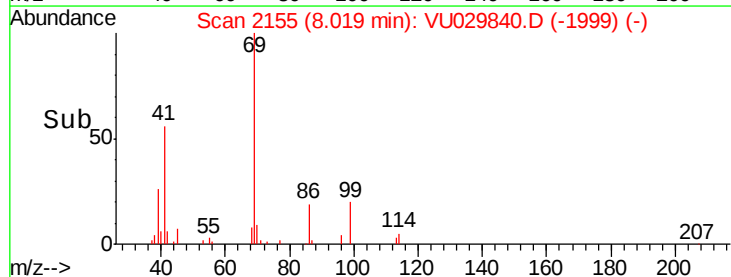
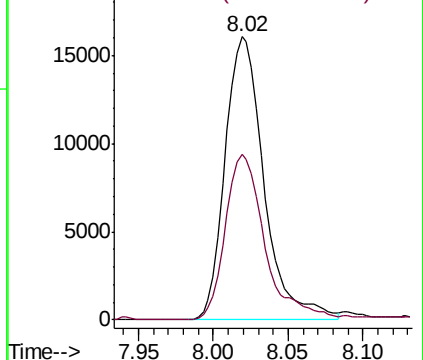


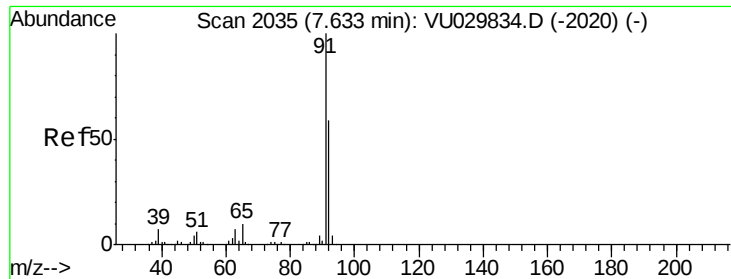
#48
Ethyl methacrylate
Concen: 1.944 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion: 69 Resp: 29203
Ion Ratio Lower Upper
69 100
41 59.0 29.0 87.1



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





#49

Toluene

Concen: 1.950 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

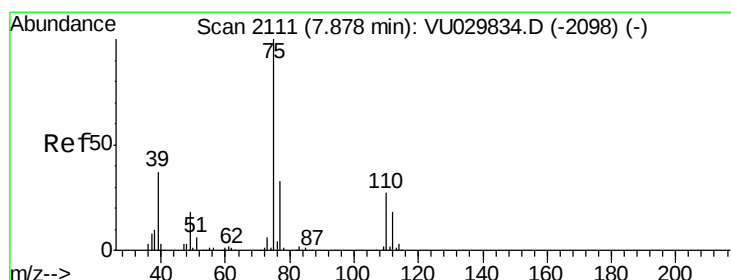
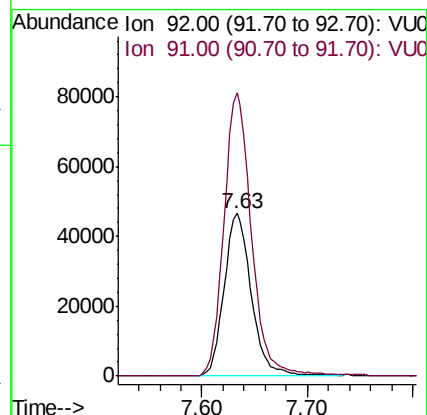
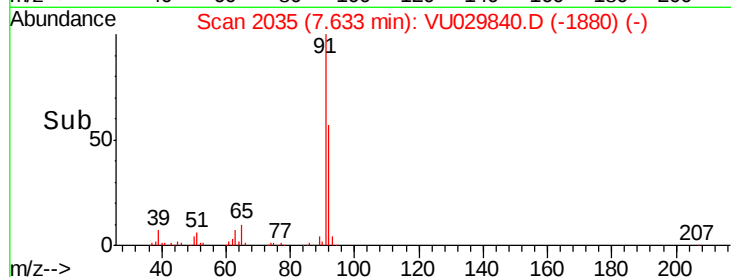
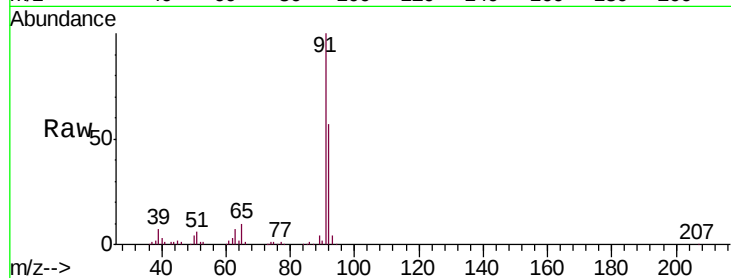
VU0307WBS01

Tgt Ion: 92 Resp: 83403

Ion Ratio Lower Upper

92 100

91 175.8 137.8 206.8



#50

t-1,3-Dichloropropene

Concen: 1.862 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU029840.D

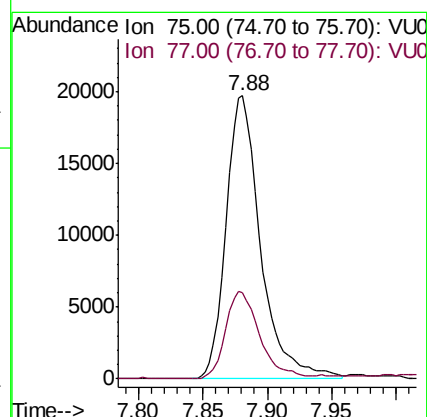
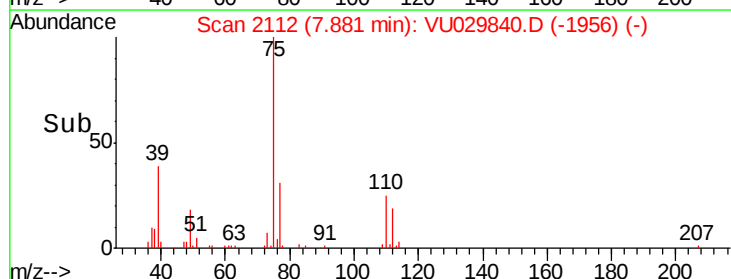
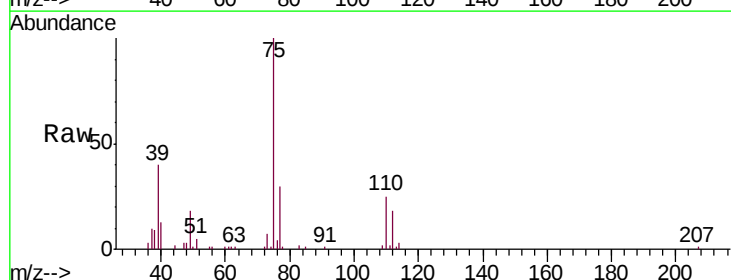
Acq: 06 Mar 2019 15:09

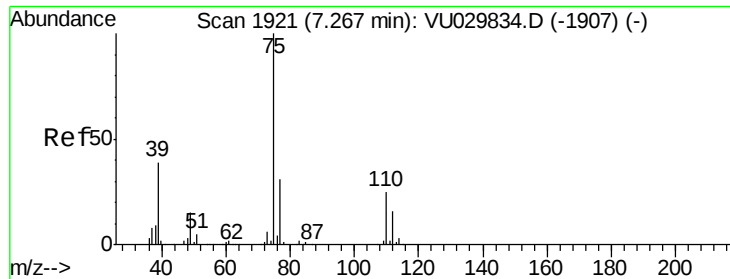
Tgt Ion: 75 Resp: 36631

Ion Ratio Lower Upper

75 100

77 30.5 26.4 39.6

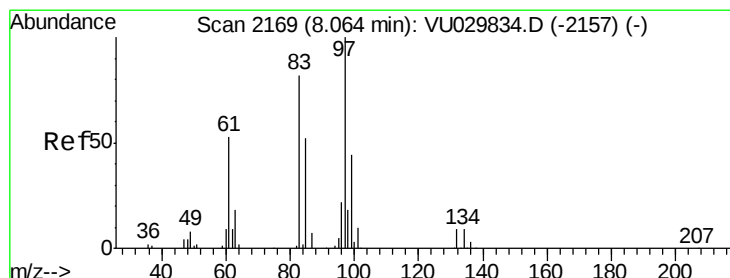
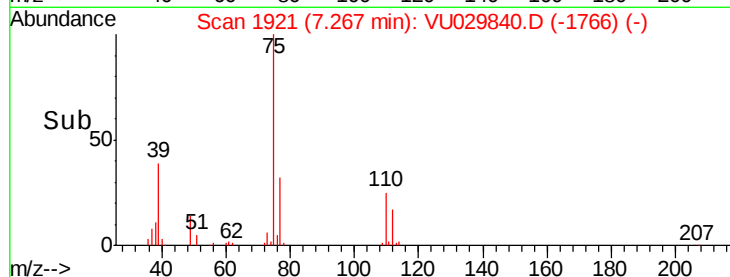
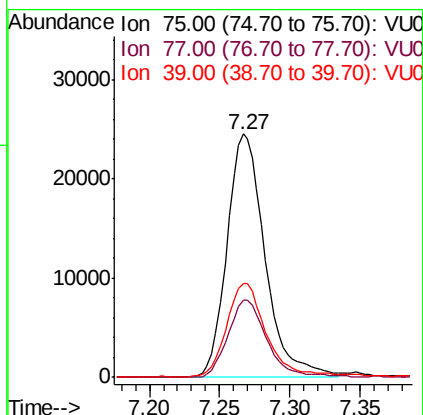
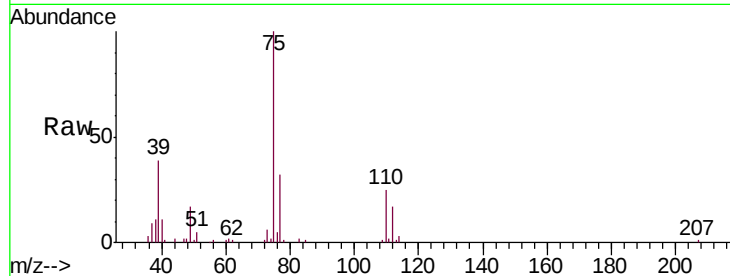




#51
 cis-1,3-Dichloropropene
 Concen: 1.902 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

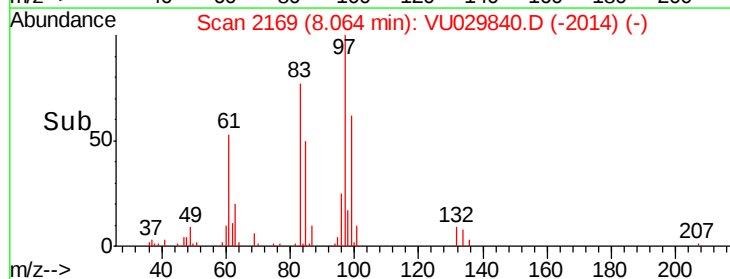
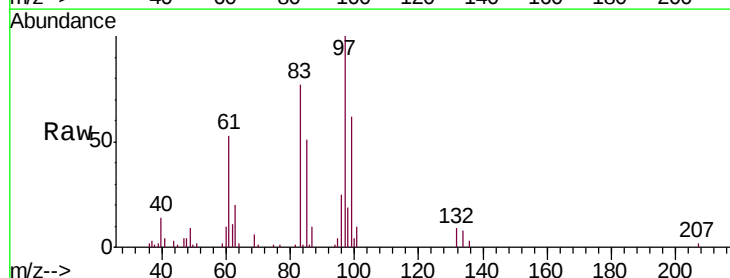
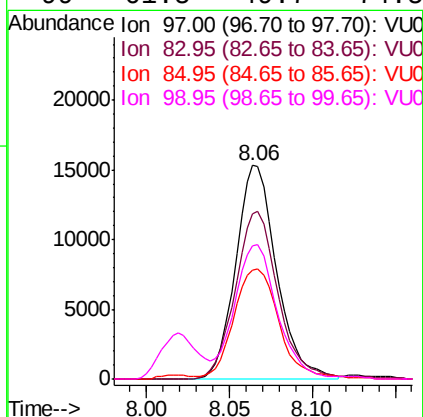
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

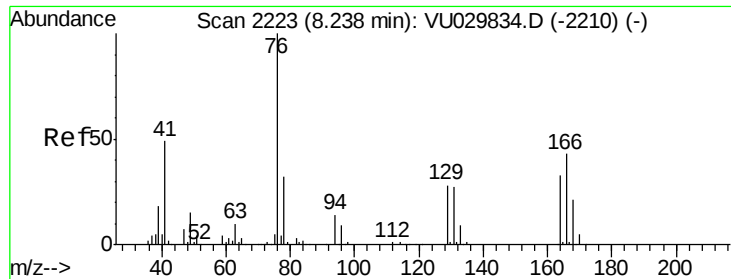
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3
39	38.5	30.8	46.2



#52
 1,1,2-Trichloroethane
 Concen: 1.943 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.1	65.9	98.9
85	50.0	43.0	64.6
99	61.5	49.7	74.5

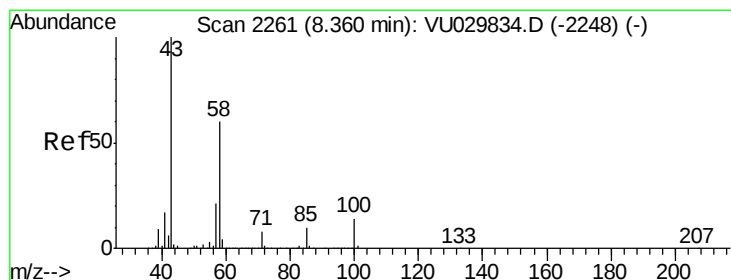
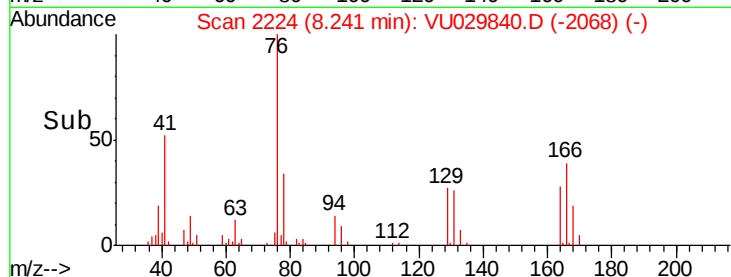
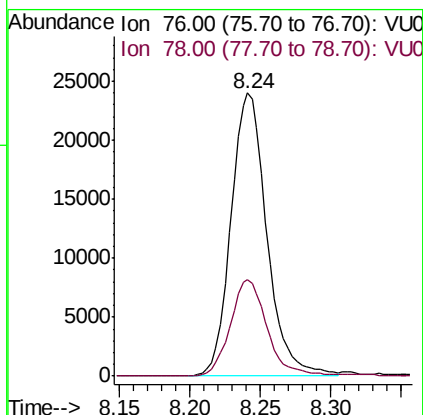
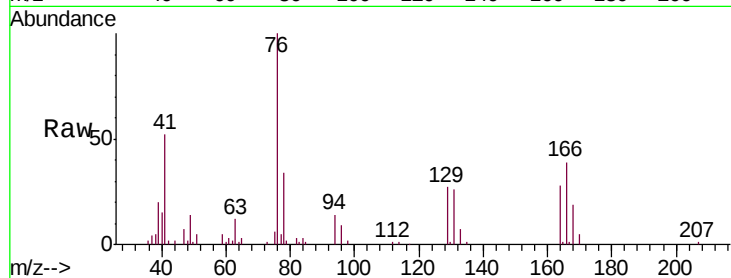




#53
 1,3-Dichloropropane
 Concen: 1.924 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

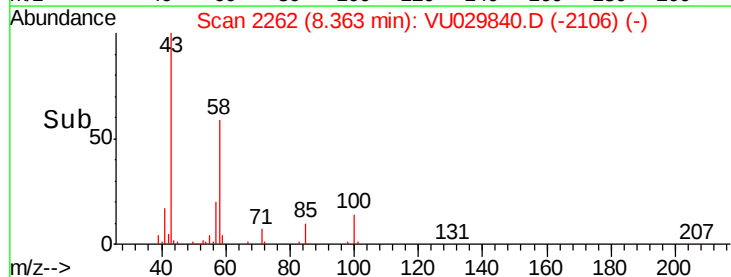
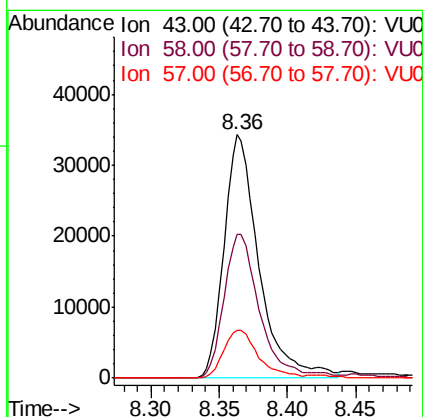
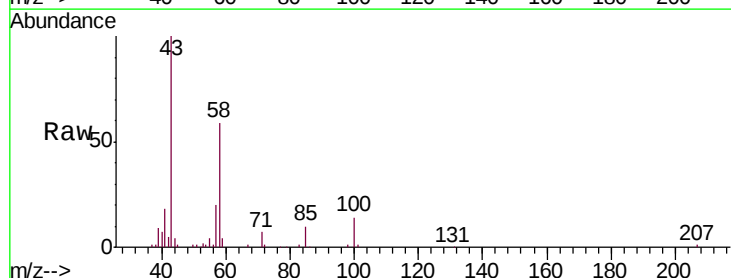
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

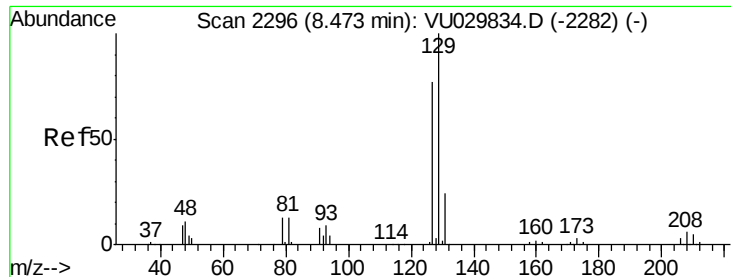
Tgt Ion: 76 Resp: 42688
 Ion Ratio Lower Upper
 76 100
 78 34.8 25.7 38.5



#54
 2-Hexanone
 Concen: 9.203 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 43 Resp: 60912
 Ion Ratio Lower Upper
 43 100
 58 60.5 39.6 79.6
 57 19.7 0.5 40.5

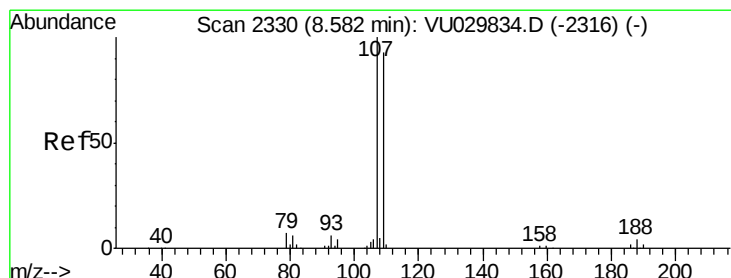
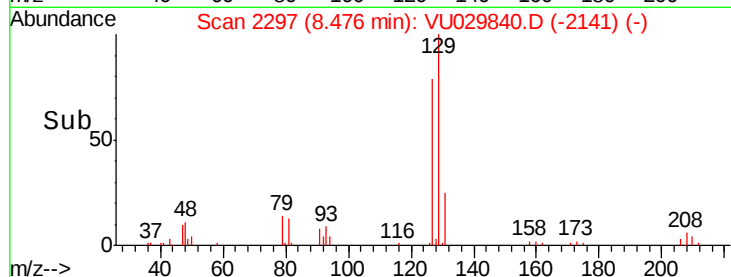
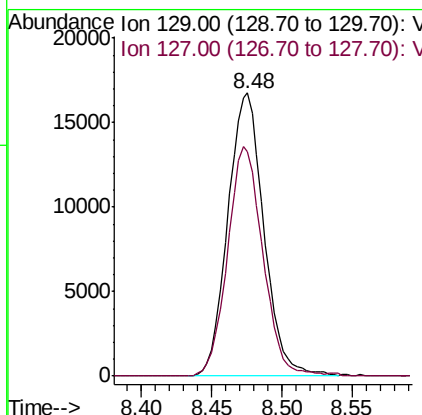
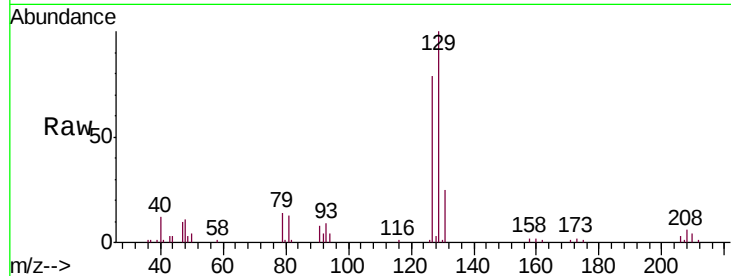




#55
 Dibromochloromethane
 Concen: 1.865 ug/l
 RT: 8.48 min Scan# 2297
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

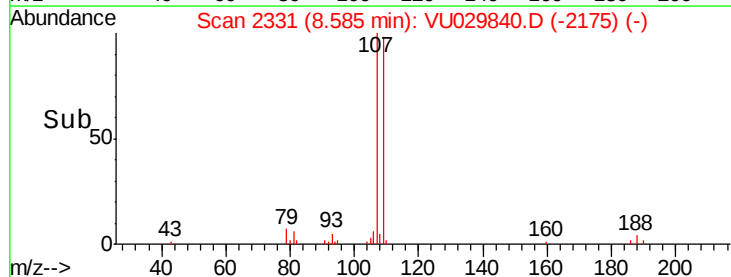
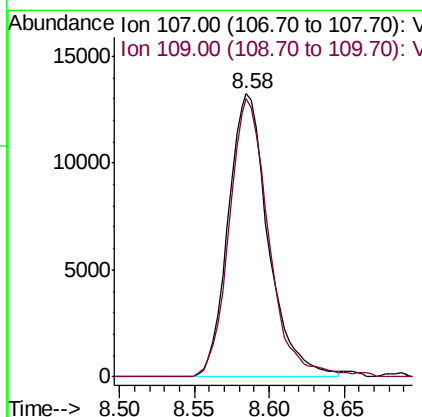
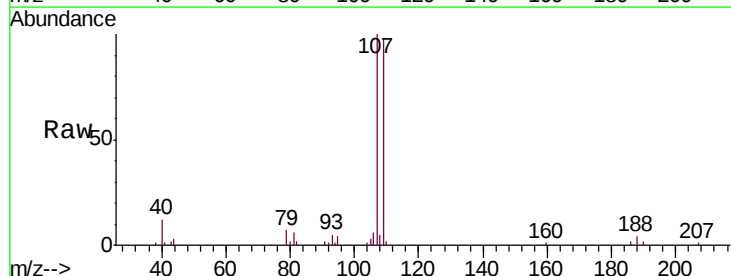
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

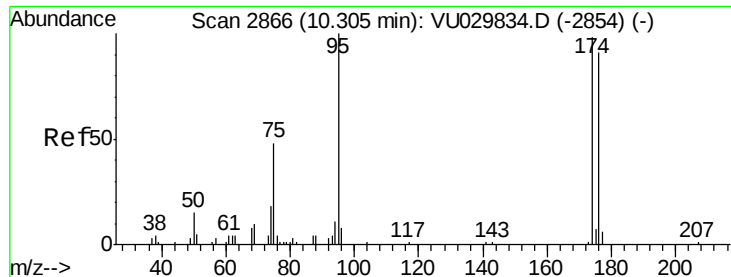
Tgt Ion:129 Resp: 29939
 Ion Ratio Lower Upper
 129 100
 127 79.5 61.6 92.4



#56
 1,2-Dibromoethane
 Concen: 1.923 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion:107 Resp: 24662
 Ion Ratio Lower Upper
 107 100
 109 96.8 0.0 188.4

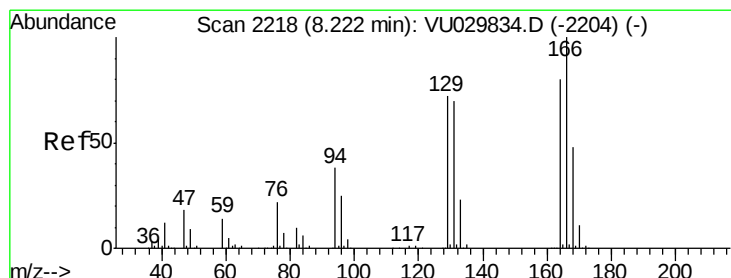
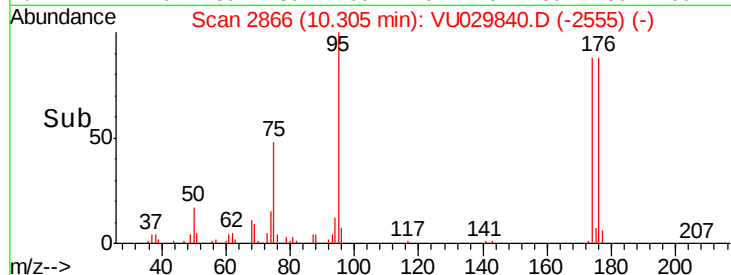
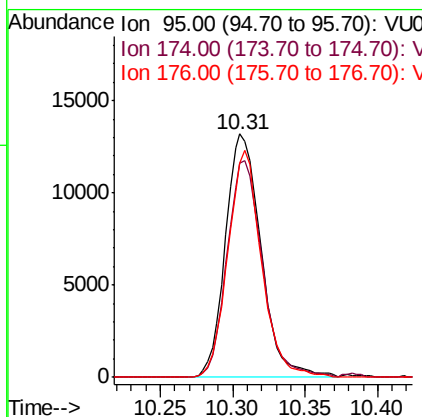
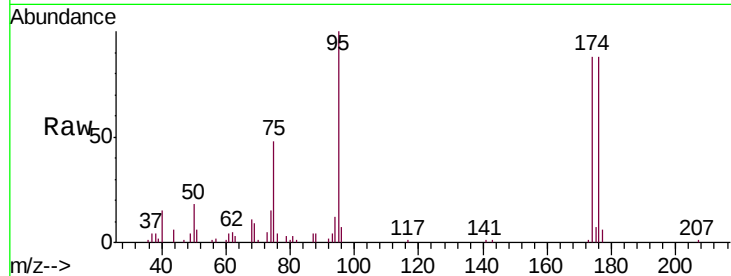




#57
4-Bromofluorobenzene
Concen: 1.923 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

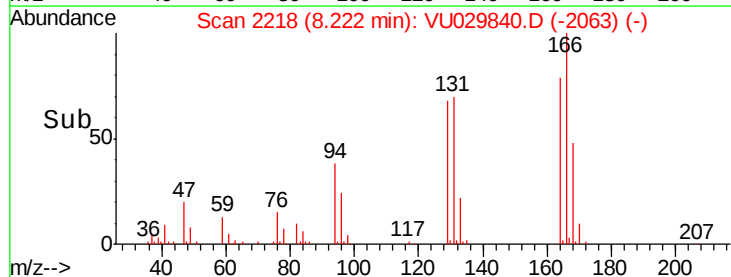
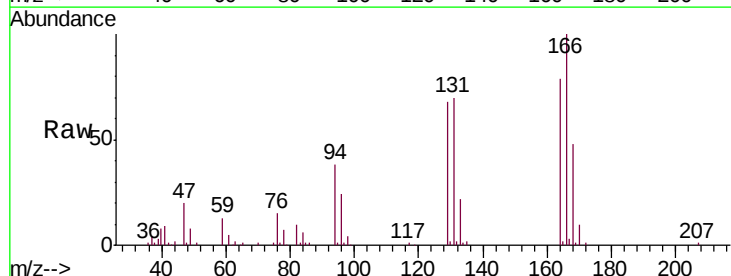
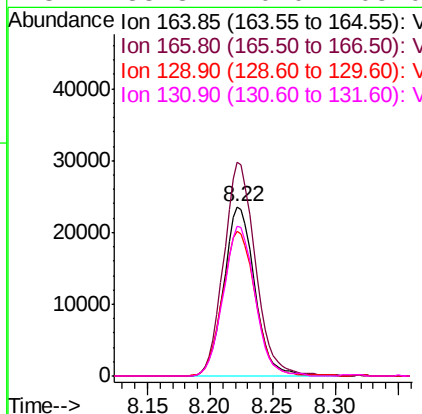
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

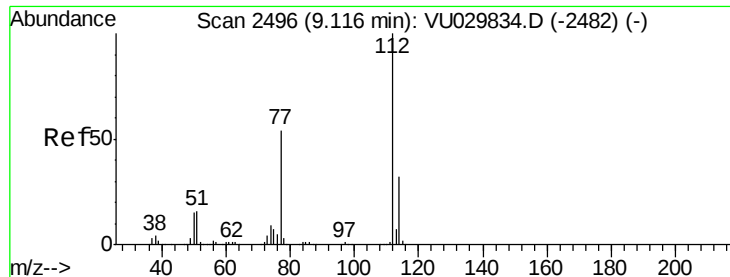
Tgt Ion: 95 Resp: 22492
Ion Ratio Lower Upper
95 100
174 88.9 76.5 114.7
176 87.9 74.2 111.2



#58
Tetrachloroethene
Concen: 1.947 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion: 164 Resp: 40435
Ion Ratio Lower Upper
164 100
166 126.3 100.5 150.7
129 85.9 72.3 108.5
131 88.3 70.0 105.0

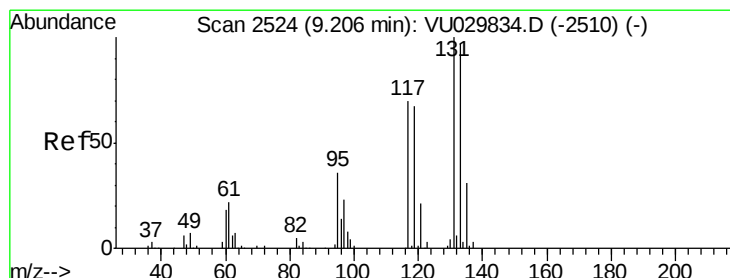
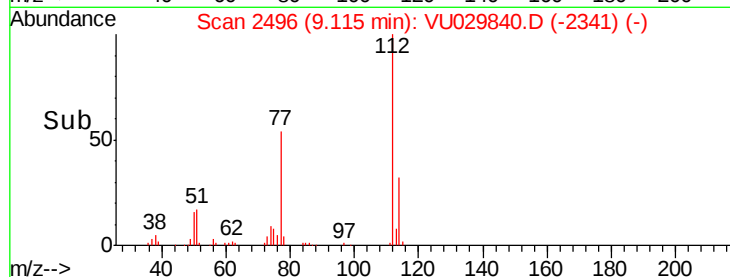
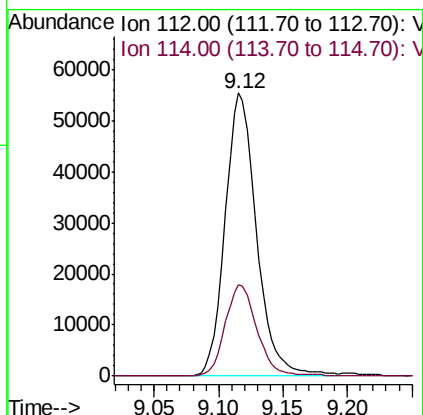
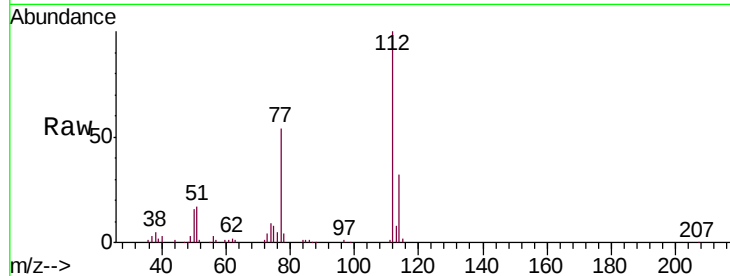




#59
Chlorobenzene
Concen: 1.908 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

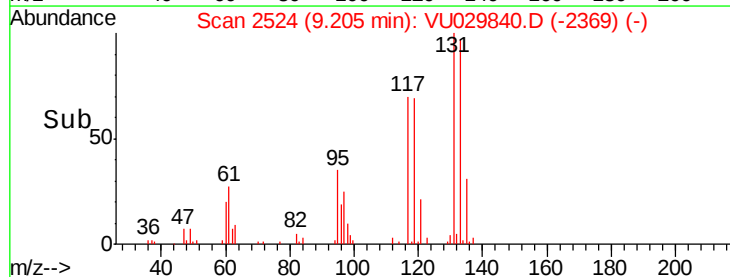
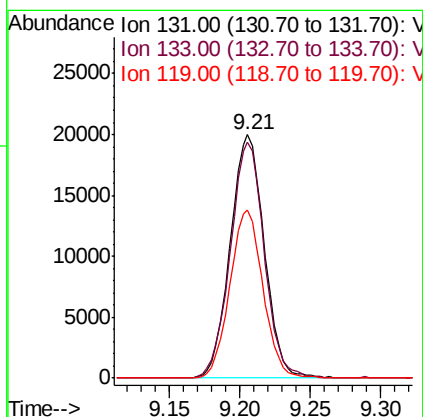
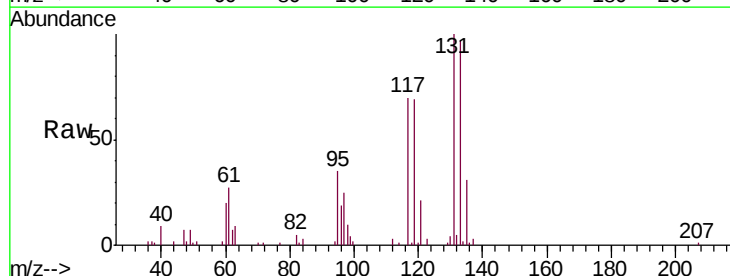
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

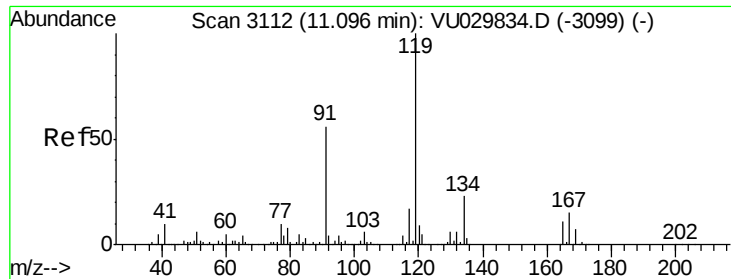
Tgt Ion:112 Resp: 93805
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 1.911 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:131 Resp: 33702
Ion Ratio Lower Upper
131 100
133 96.7 76.4 114.6
119 67.2 54.2 81.4





#61

Pentachloroethane

Concen: 1.919 ug/l

RT: 11.10 min Scan# 3113

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

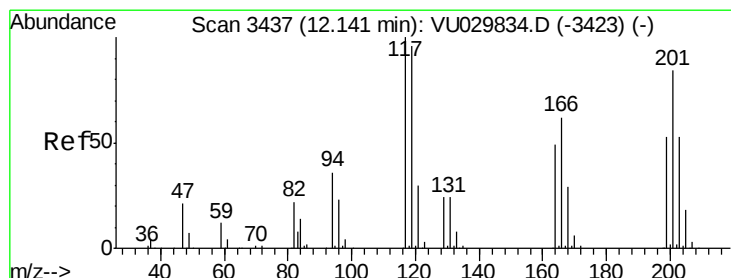
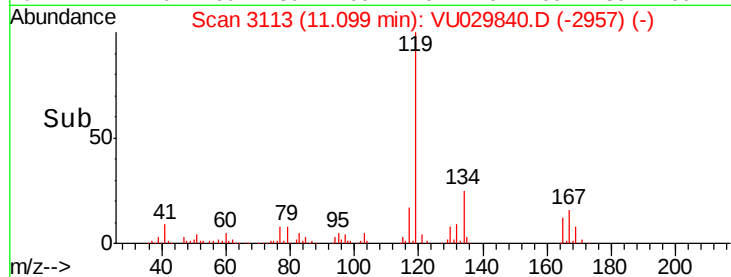
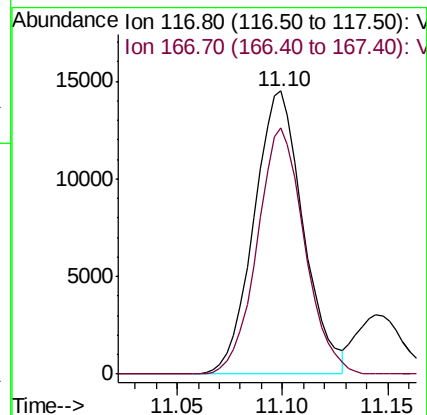
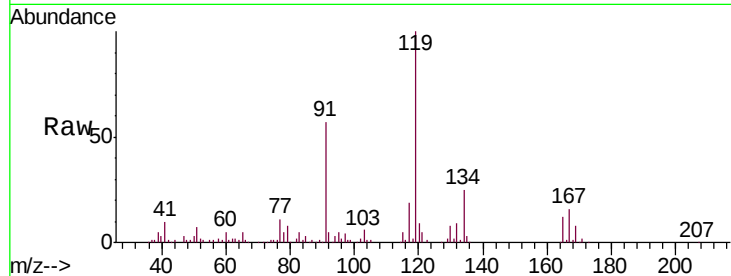
VU0307WBS01

Tgt Ion:117 Resp: 23563

Ion Ratio Lower Upper

117 100

167 83.5 71.4 107.2



#62

Hexachloroethane

Concen: 1.804 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. -0.00 min

Lab File: VU029840.D

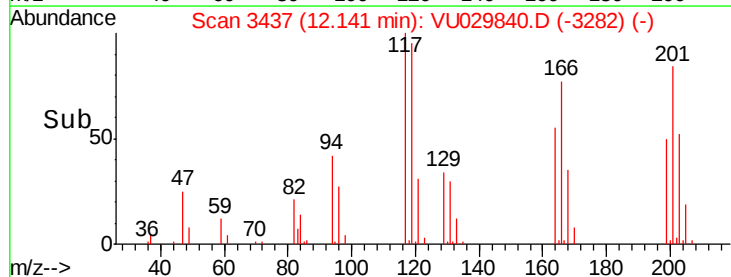
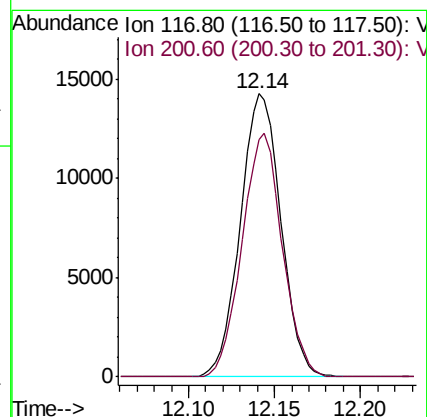
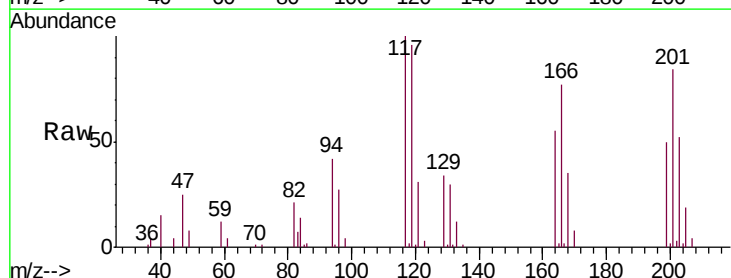
Acq: 06 Mar 2019 15:09

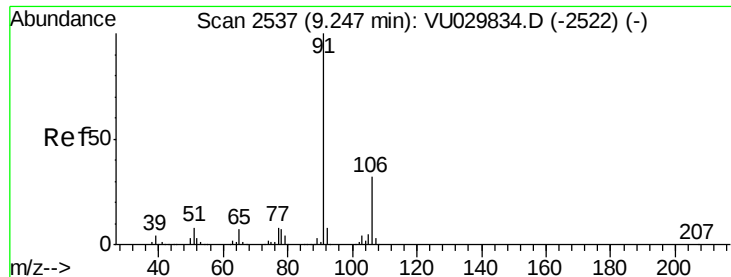
Tgt Ion:117 Resp: 23304

Ion Ratio Lower Upper

117 100

201 85.3 68.2 102.2

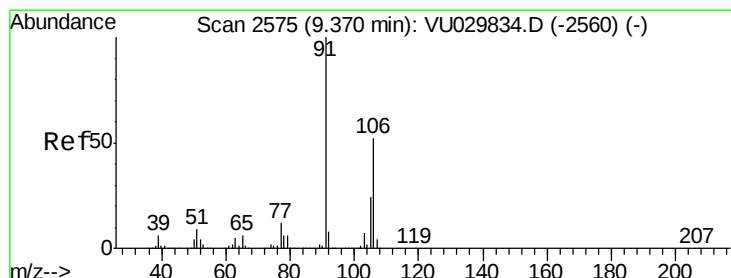
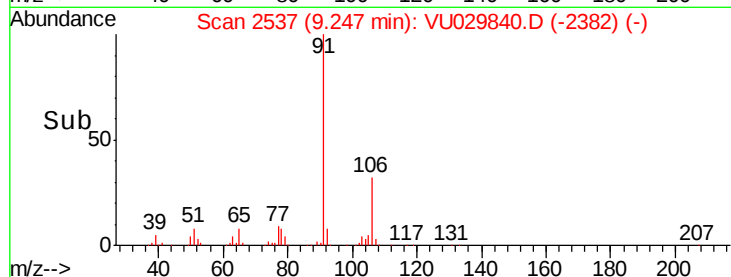
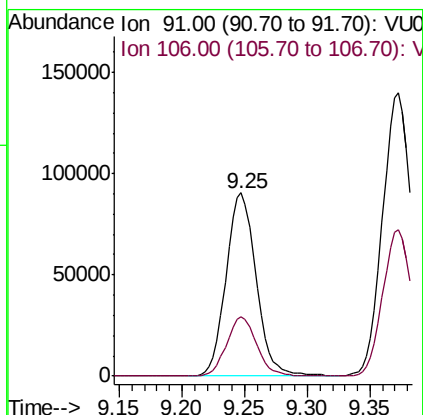
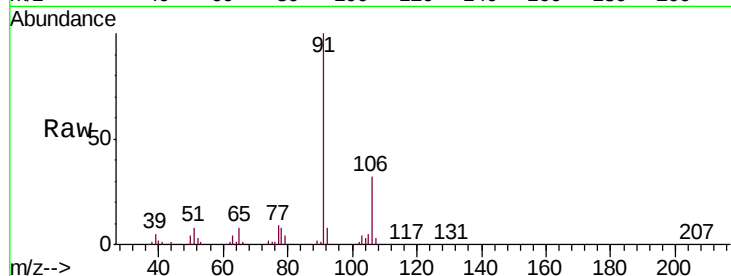




#63
Ethyl Benzene
Concen: 1.878 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

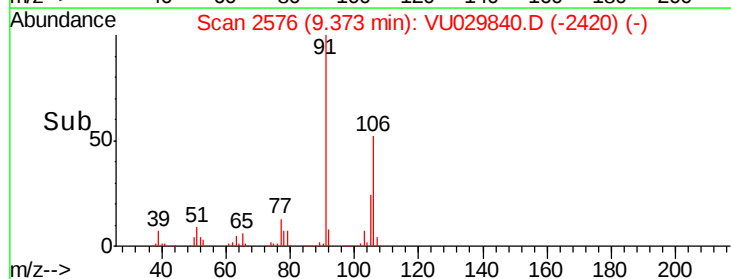
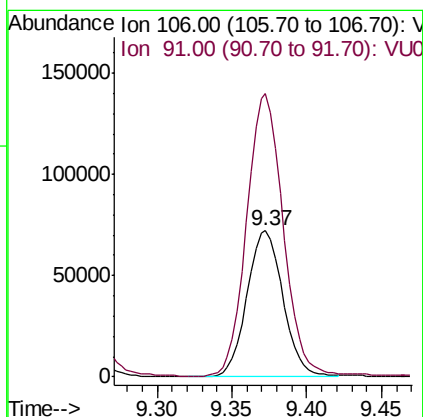
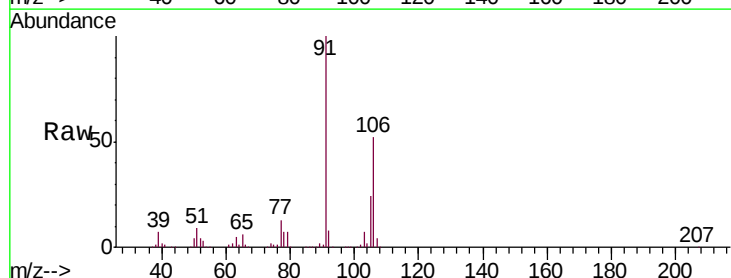
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

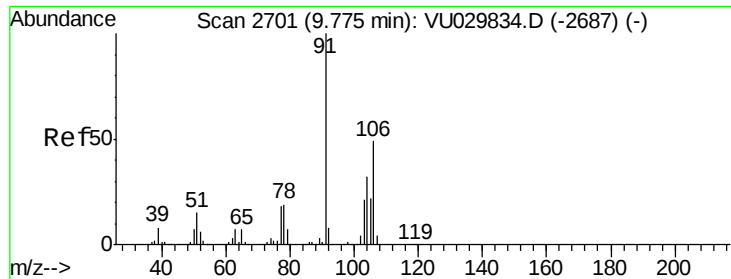
Tgt Ion: 91 Resp: 151254
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5



#64
m/p-Xylenes
Concen: 3.787 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion: 106 Resp: 120564
Ion Ratio Lower Upper
106 100
91 196.0 155.3 232.9

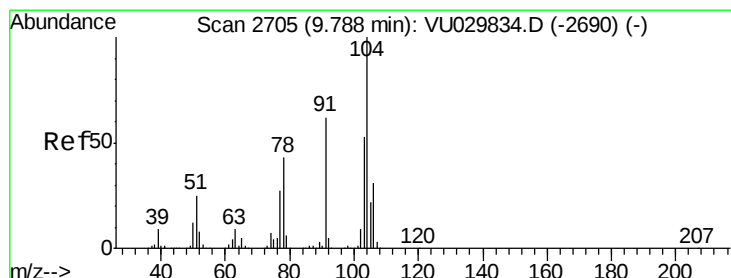
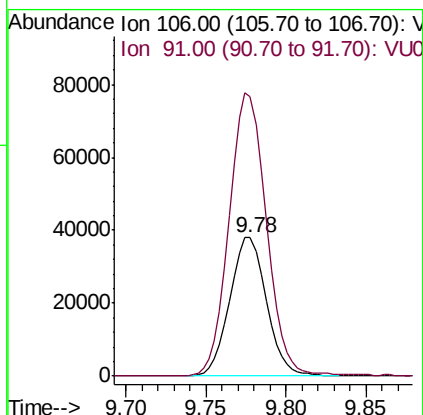
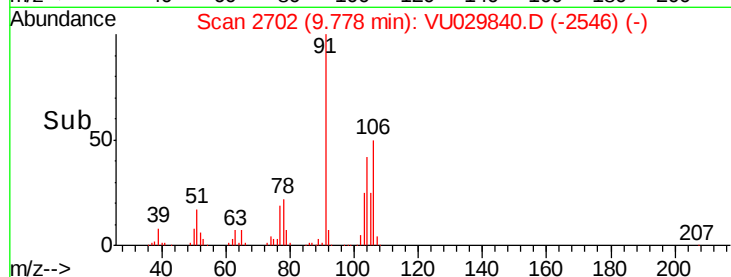
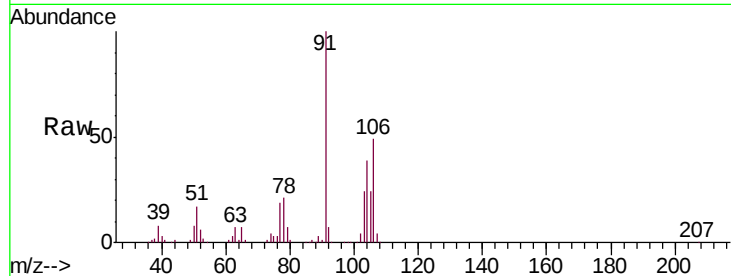




#65
o-Xylene
Concen: 1.948 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

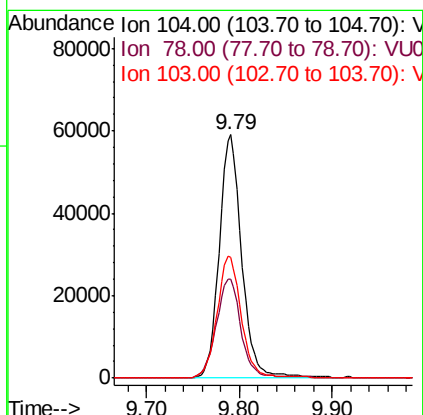
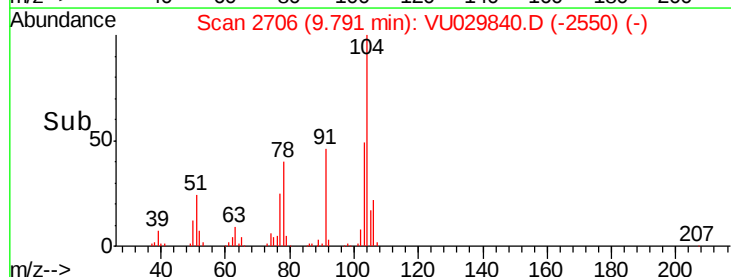
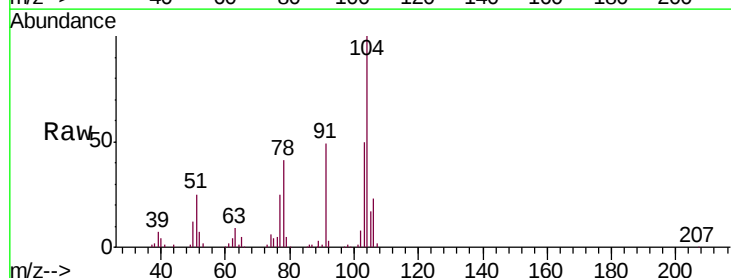
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

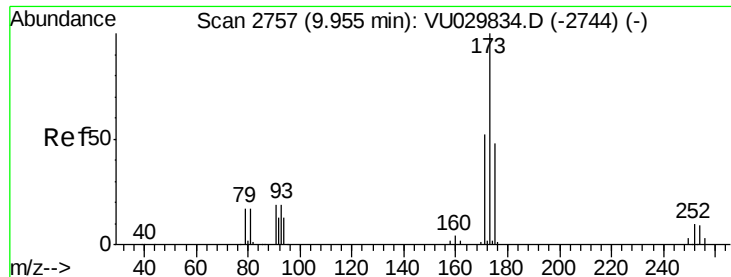
Tgt Ion:106 Resp: 59550
Ion Ratio Lower Upper
106 100
91 208.3 102.8 308.3



#66
Styrene
Concen: 1.958 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:104 Resp: 99482
Ion Ratio Lower Upper
104 100
78 45.3 37.2 55.8
103 53.3 44.7 67.1

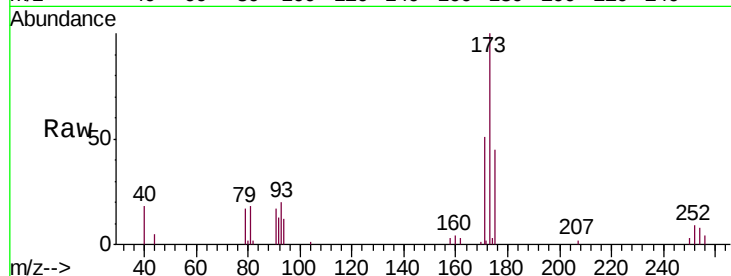




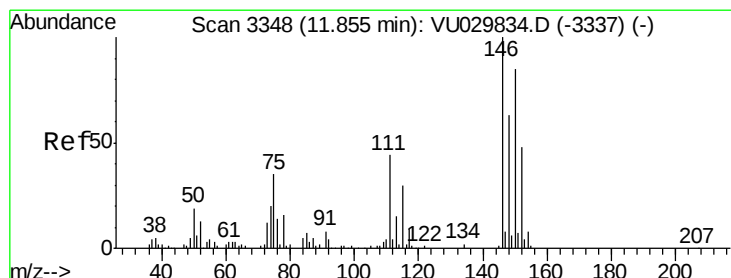
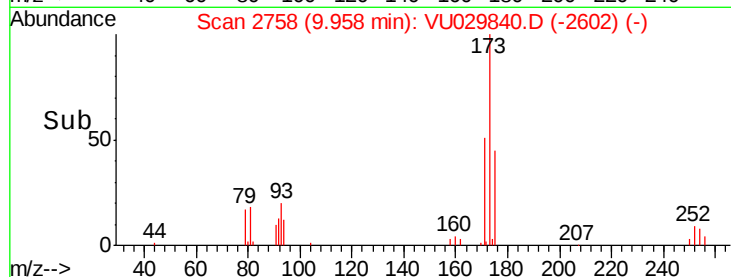
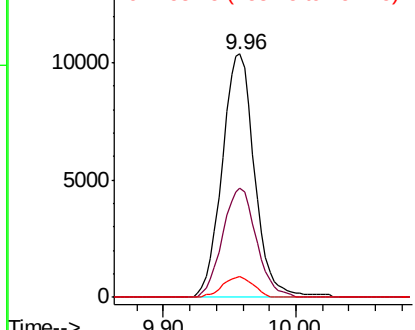
#67
Bromoform
Concen: 1.869 ug/l
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

Tgt Ion:173 Resp: 17625
Ion Ratio Lower Upper
173 100
175 46.8 38.6 57.8
254 7.9 7.4 11.2

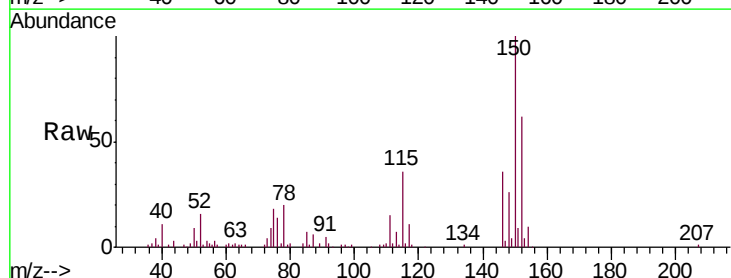


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

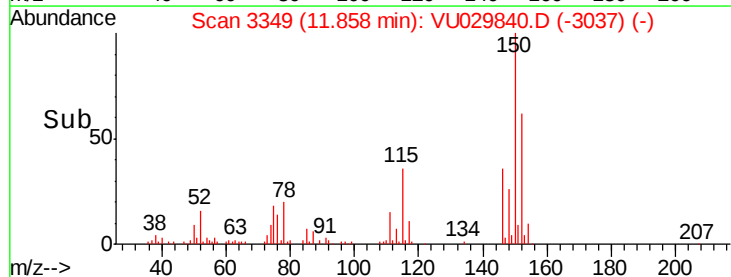
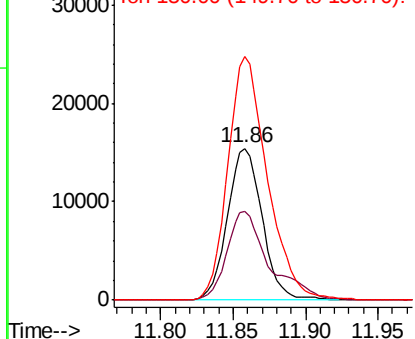


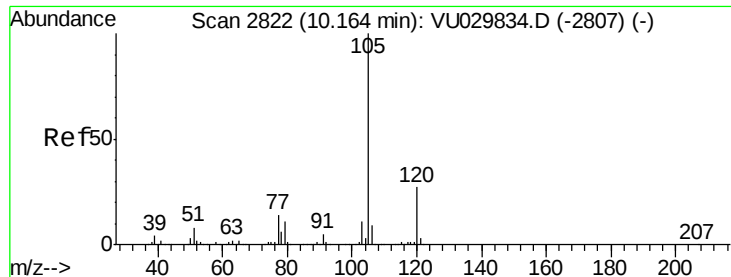
#68
1,2-Dichlorobenzene-d4
Concen: 1.869 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:152 Resp: 25661
Ion Ratio Lower Upper
152 100
115 70.4 0.0 124.0
150 182.5 0.0 631.2



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.939 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

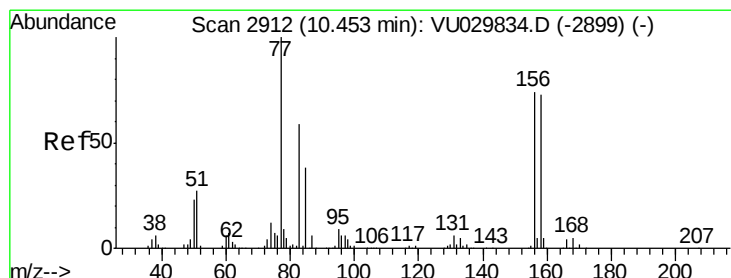
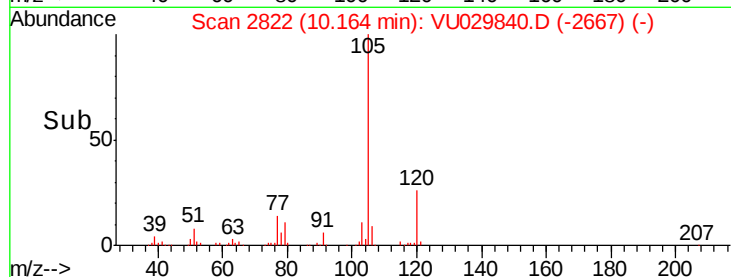
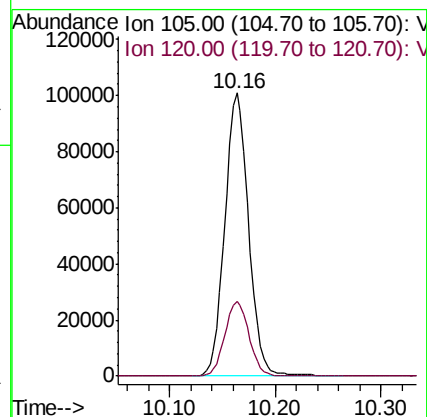
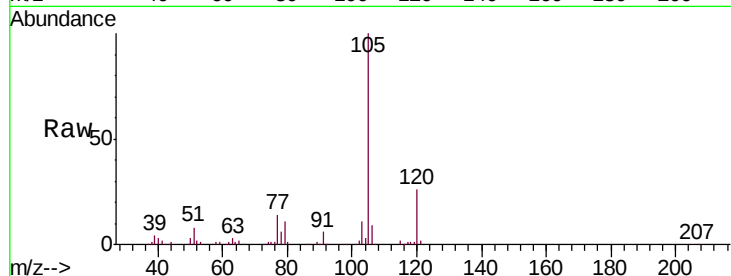
VU0307WBS01

Tgt Ion:105 Resp: 157217

Ion Ratio Lower Upper

105 100

120 26.7 13.5 40.5



#70

1,1,2,2-Tetrachloroethane

Concen: 1.979 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

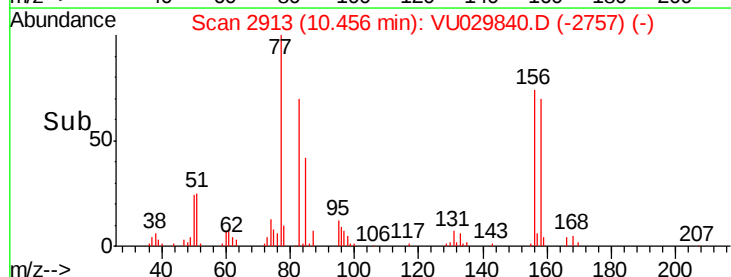
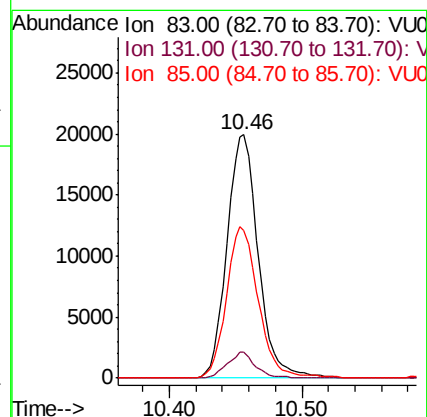
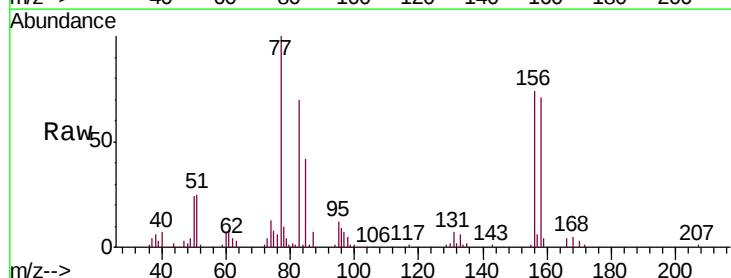
Tgt Ion: 83 Resp: 32644

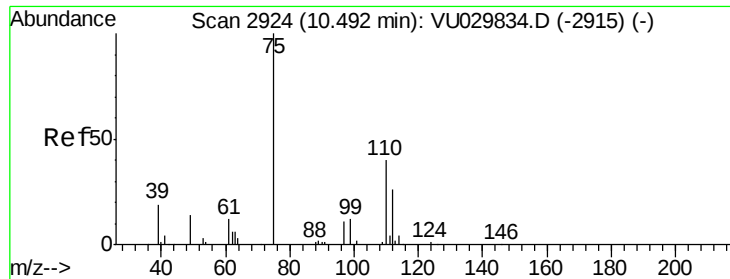
Ion Ratio Lower Upper

83 100

131 9.6 8.3 12.5

85 63.4 52.5 78.7





#71

1,2,3-Trichloropropane

Concen: 2.974 ug/l

RT: 10.49 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

Tgt Ion: 75 Resp: 36455

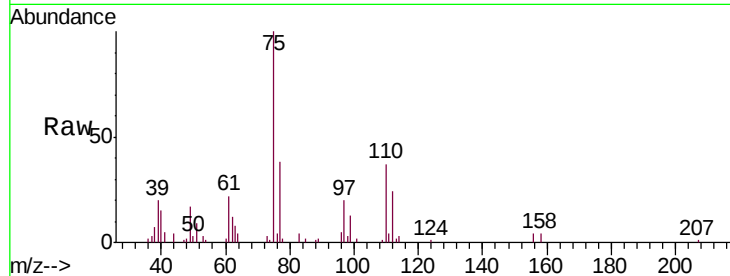
Ion Ratio Lower Upper

75 100

77 0.0 0.0 16.4

110 24.8 0.0 74.8

97 12.5 0.0 39.4

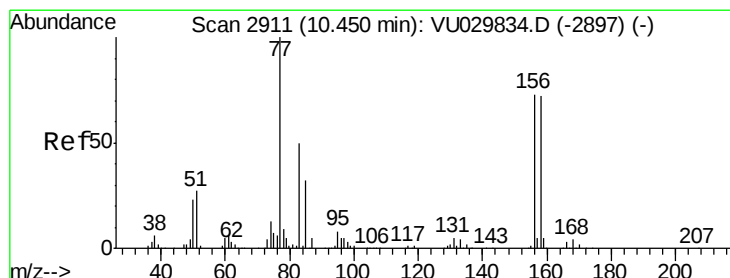
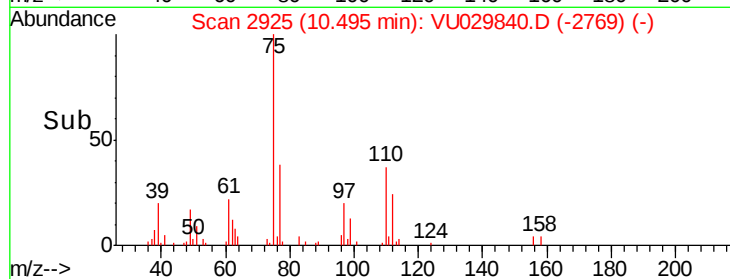
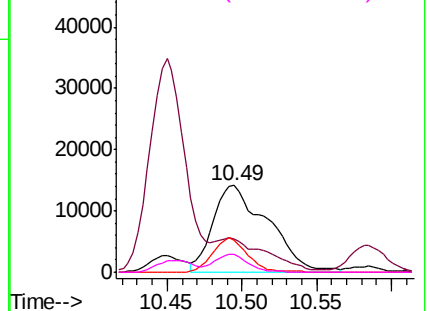


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 1.913 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

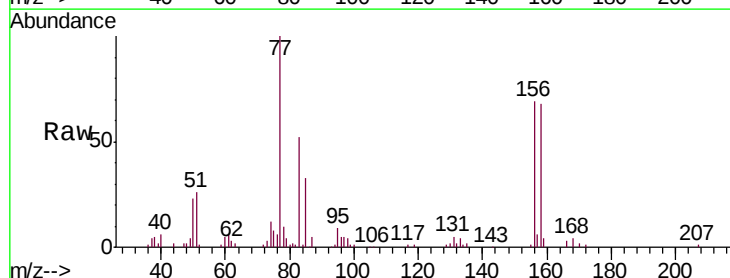
Tgt Ion: 156 Resp: 41054

Ion Ratio Lower Upper

156 100

77 139.9 0.0 282.2

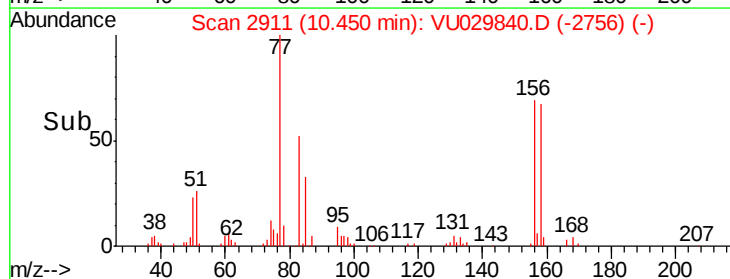
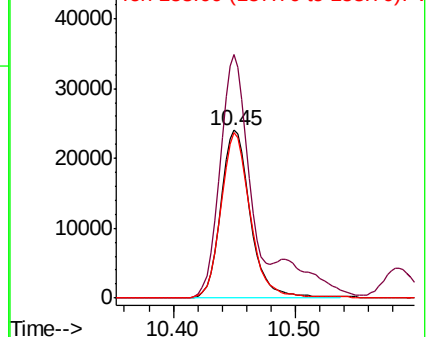
158 98.2 0.0 196.2

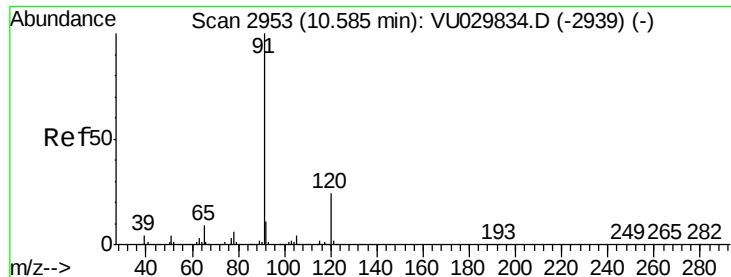


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

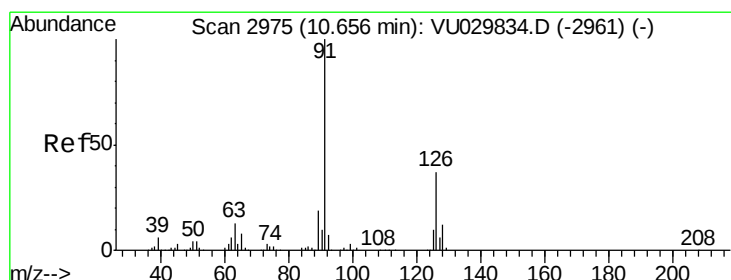
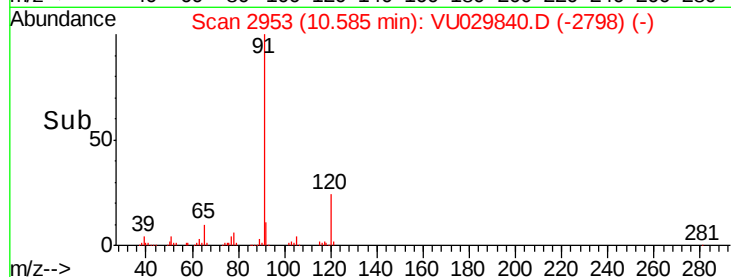
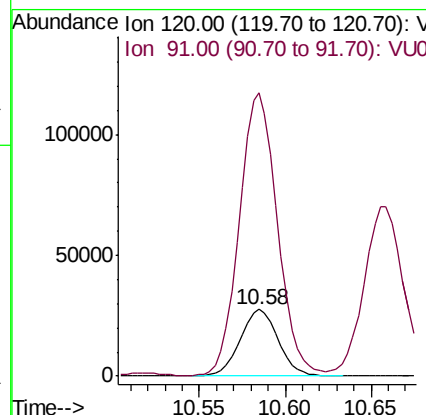
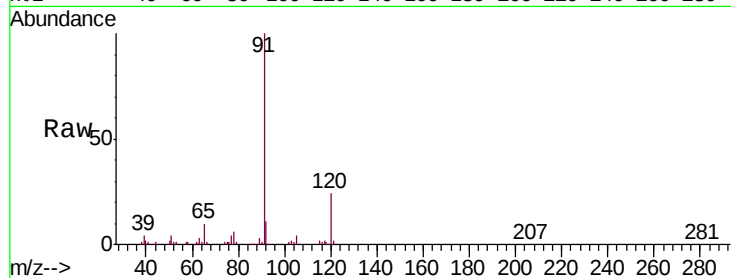




#73
n-propylbenzene
Concen: 1.873 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

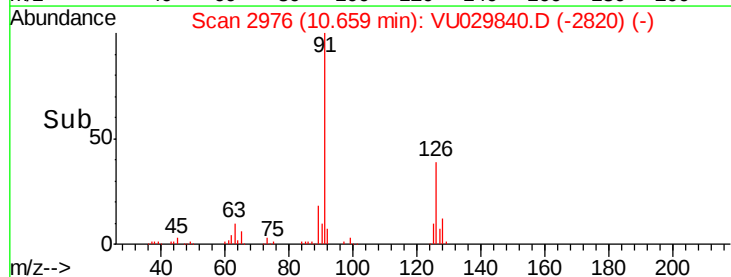
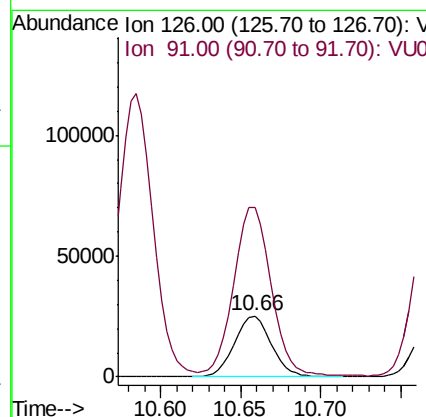
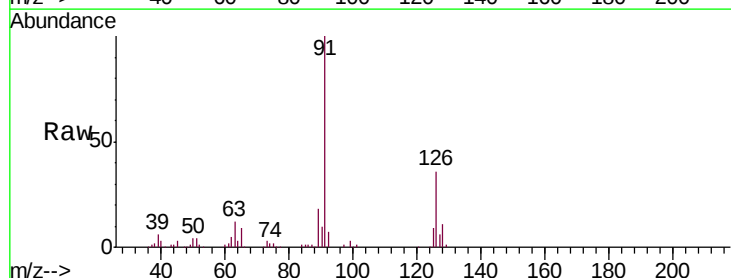
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

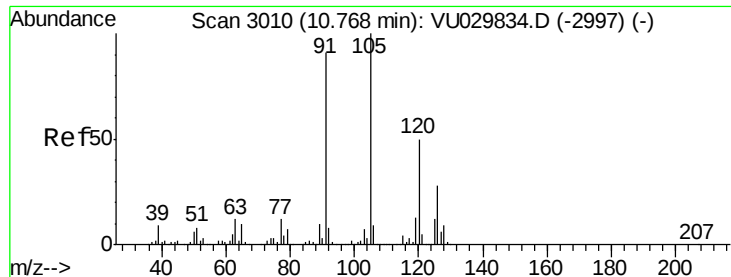
Tgt Ion:120 Resp: 42687
Ion Ratio Lower Upper
120 100
91 420.2 333.4 500.2



#74
2-Chlorotoluene
Concen: 1.969 ug/l
RT: 10.66 min Scan# 2976
Delta R.T. 0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion:126 Resp: 39806
Ion Ratio Lower Upper
126 100
91 275.3 0.0 569.0





#75

1,3,5-Trimethylbenzene

Concen: 1.912 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. -0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

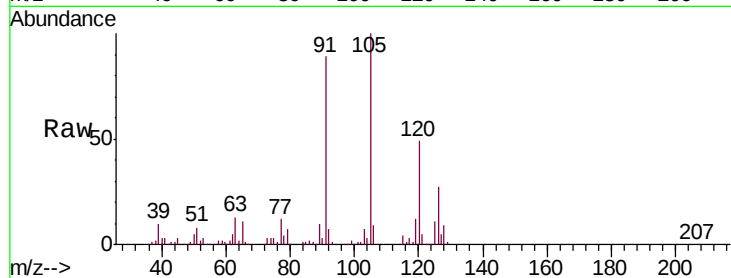
VU0307WBS01

Tgt Ion:105 Resp: 130617

Ion Ratio Lower Upper

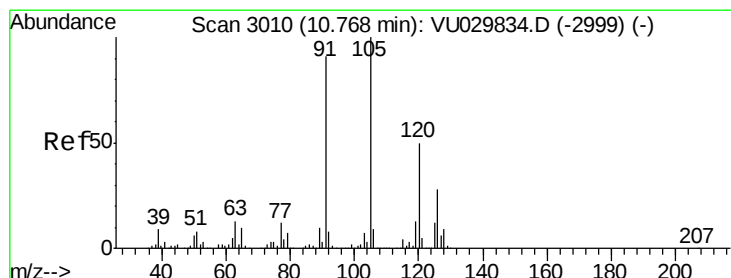
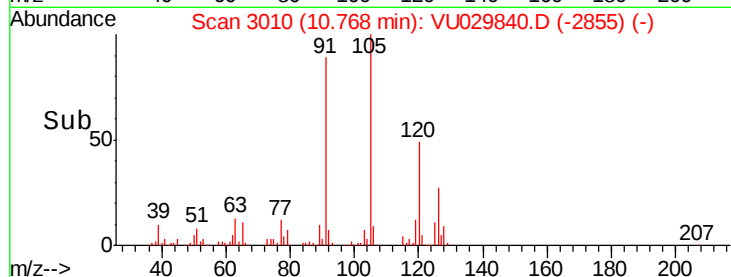
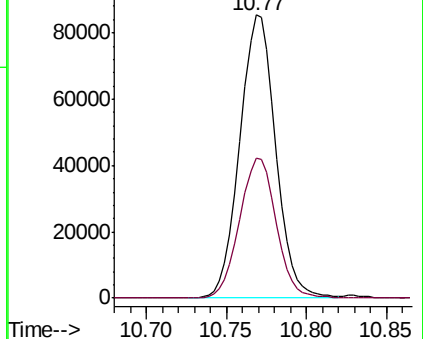
105 100

120 50.8 40.0 60.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.822 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU029840.D

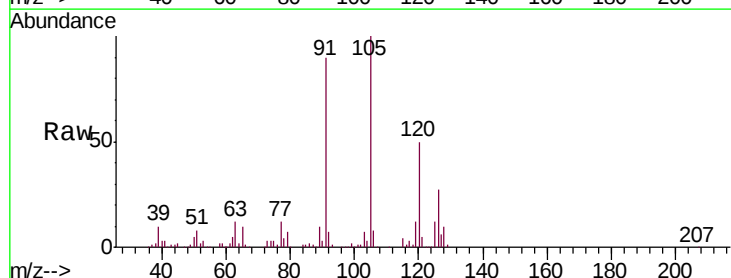
Acq: 06 Mar 2019 15:09

Tgt Ion:126 Resp: 37574

Ion Ratio Lower Upper

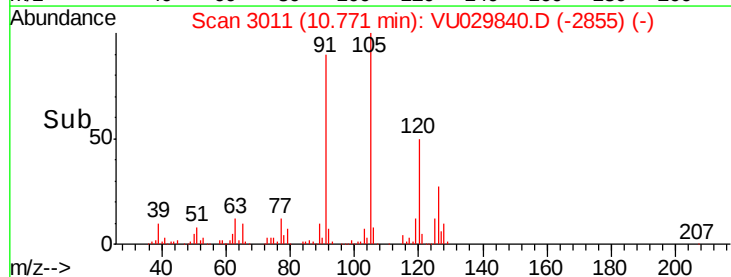
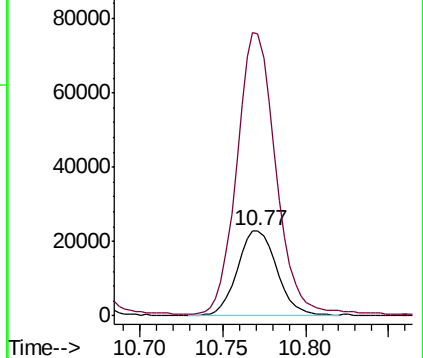
126 100

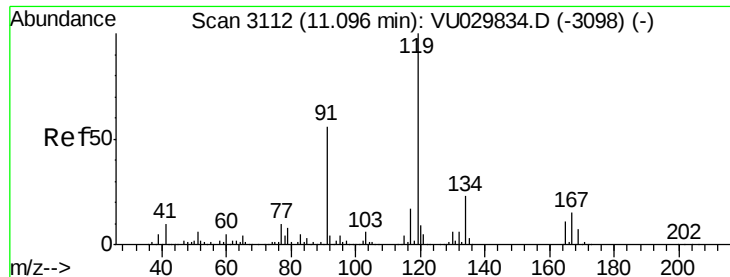
91 334.1 0.0 634.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

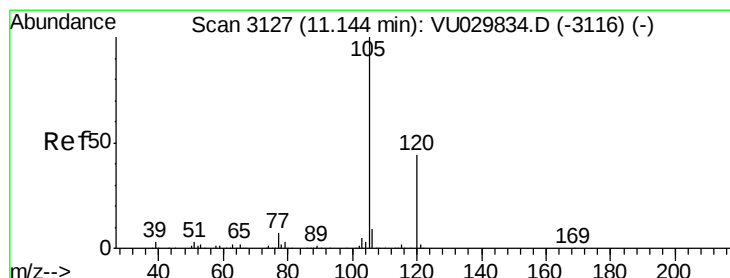
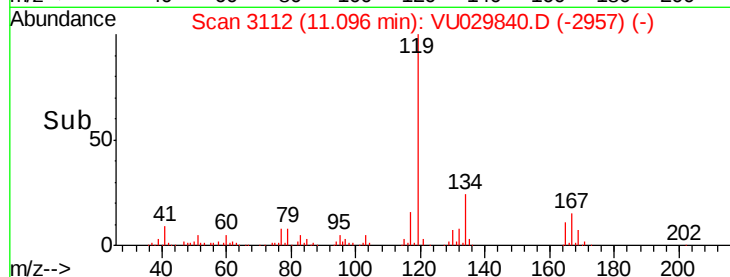
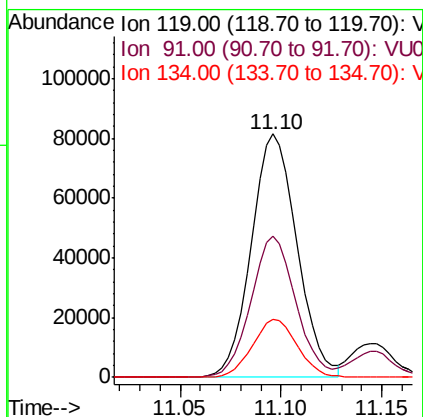
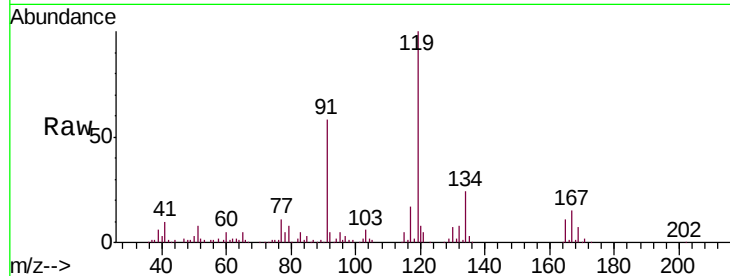




#77
 tert-Butylbenzene
 Concen: 1.914 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

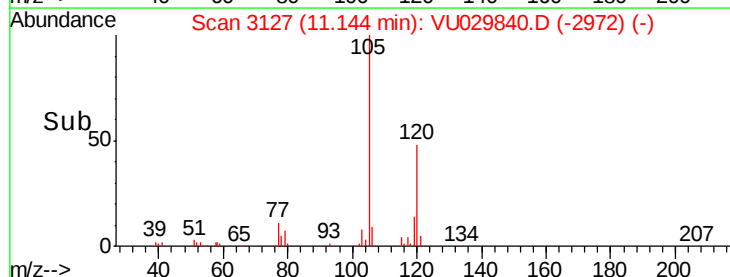
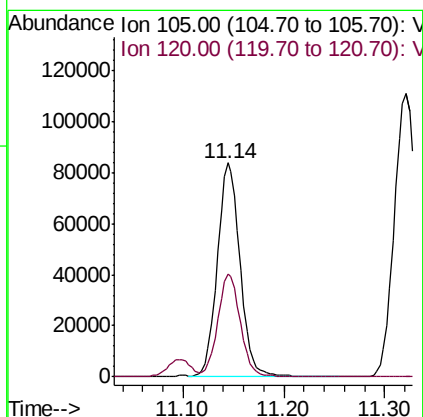
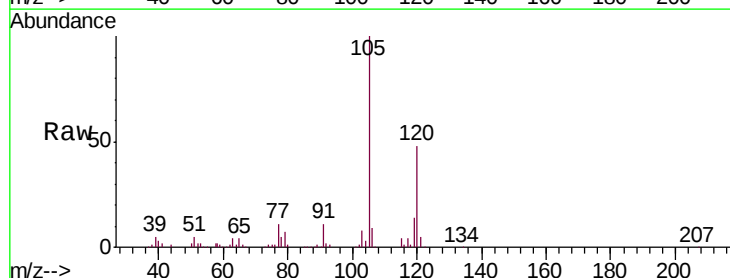
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

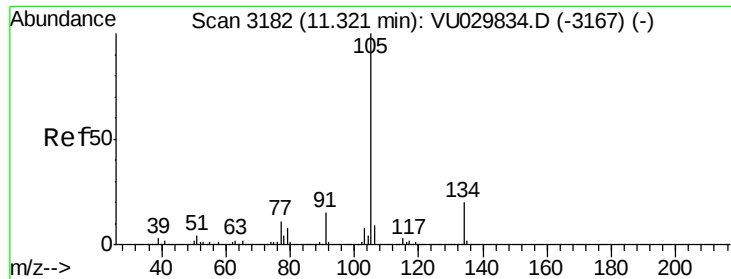
Tgt Ion:119 Resp: 129323
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.7 83.1
 134 23.3 18.7 28.1



#78
 1,2,4-Trimethylbenzene
 Concen: 1.912 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion:105 Resp: 131991
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.5

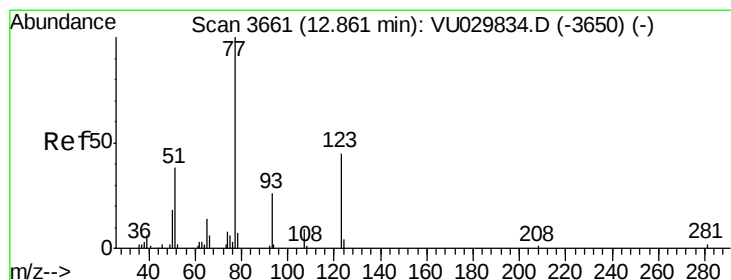
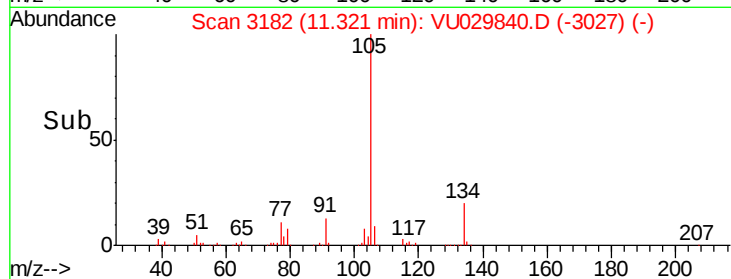
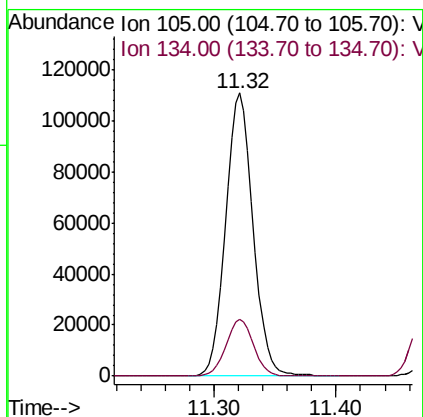
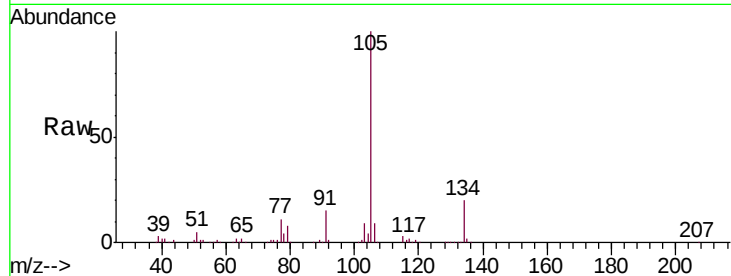




#79
 sec-Butylbenzene
 Concen: 1.952 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

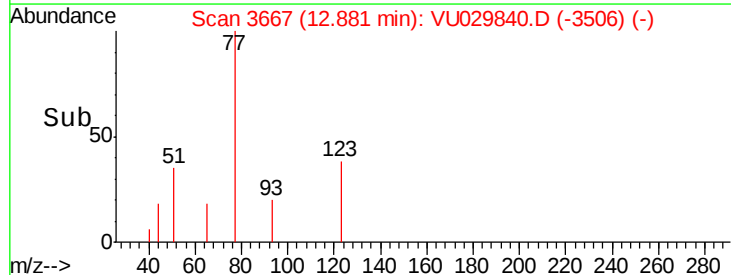
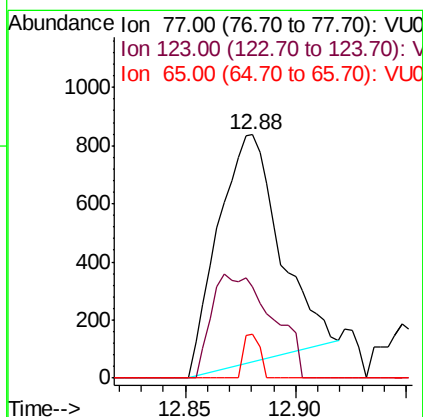
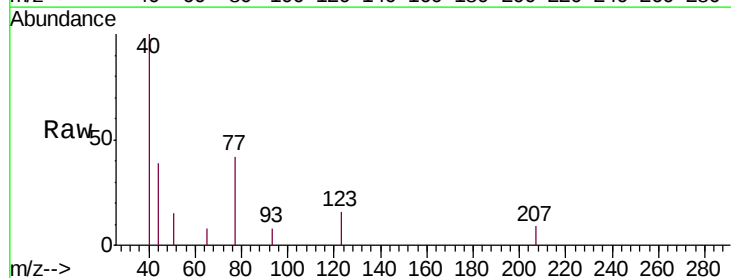
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

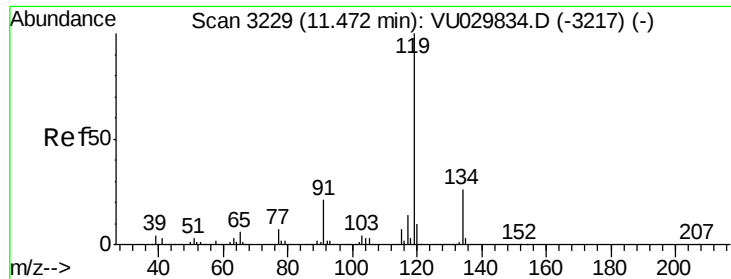
Tgt Ion: 105 Resp: 174813
 Ion Ratio Lower Upper
 105 100
 134 20.0 16.3 24.5



#80
 Nitrobenzene
 Concen: 5.106 ug/l
 RT: 12.88 min Scan# 3667
 Delta R.T. 0.02 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 77 Resp: 1529
 Ion Ratio Lower Upper
 77 100
 123 44.2 20.2 71.4
 65 5.1 14.0 17.8#

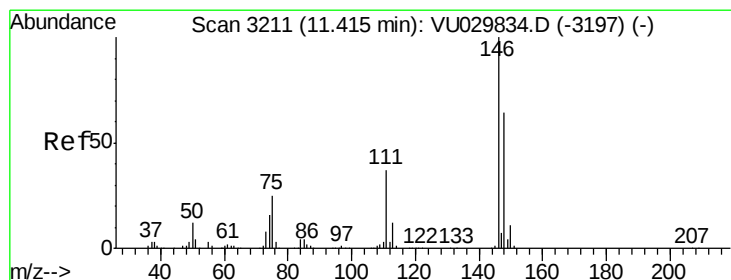
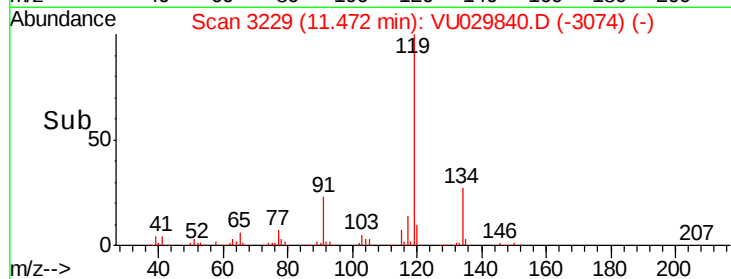
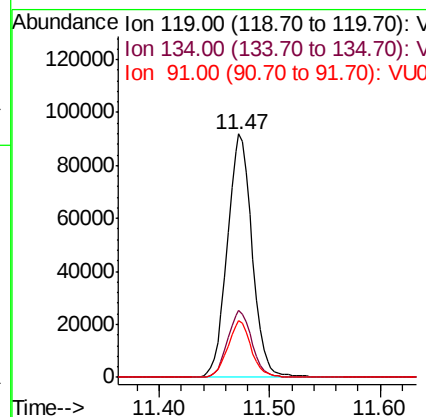
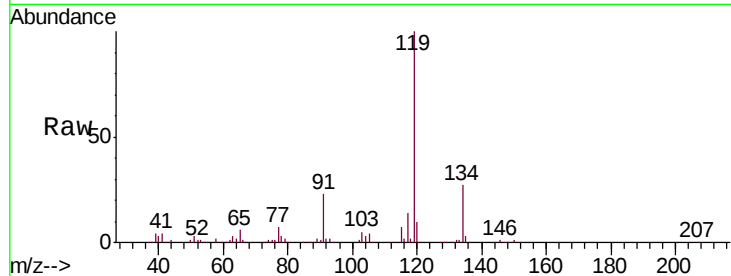




#81
p-Isopropyltoluene
Concen: 1.900 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

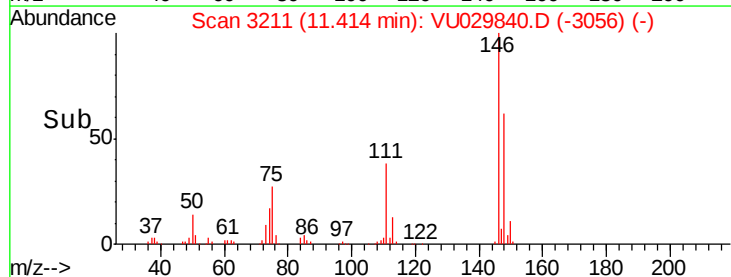
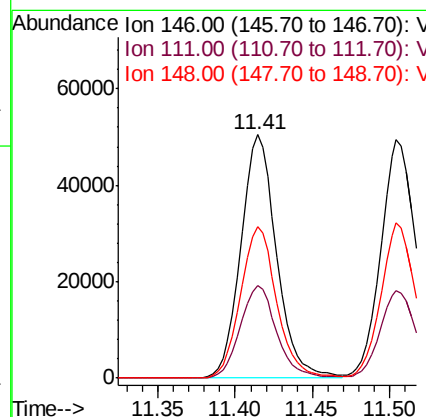
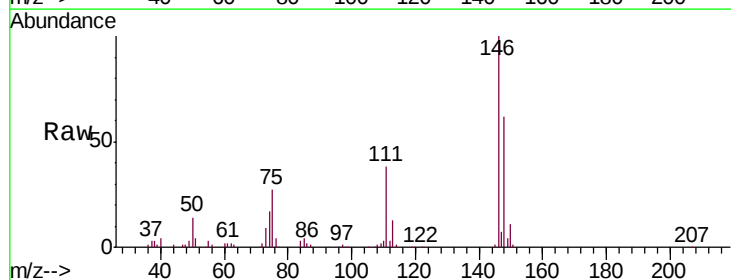
Instrument :
MSVOA_U
ClientSampleId :
VU0307WBS01

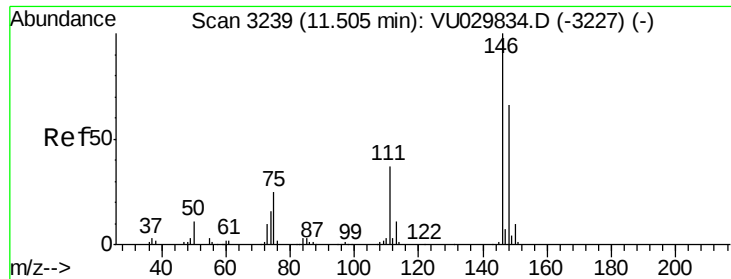
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	21.2	31.8
91	22.4	17.2	25.8



#82
1,3-Dichlorobenzene
Concen: 1.903 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU029840.D
Acq: 06 Mar 2019 15:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.2	45.4
148	63.0	51.2	76.8

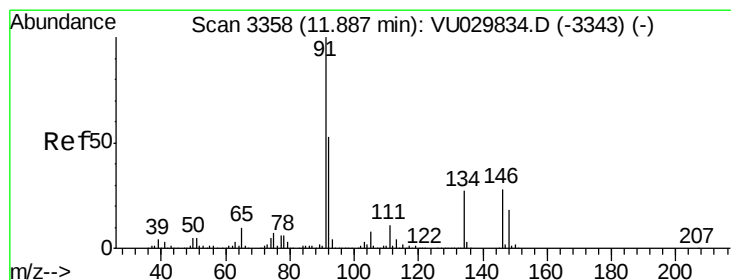
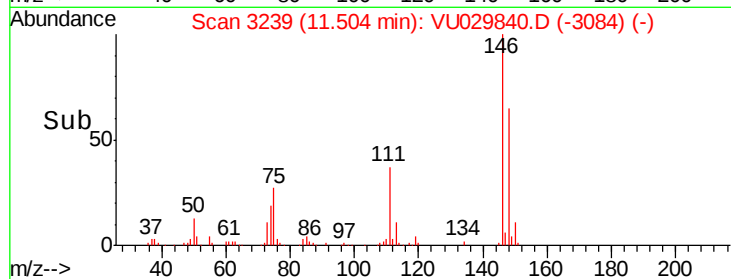
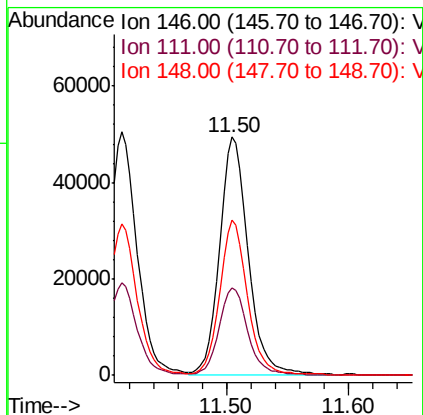
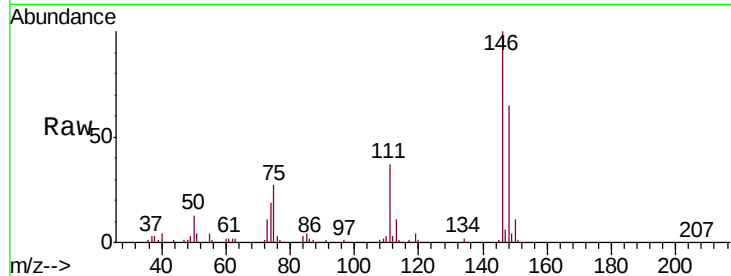




#83
 1,4-Dichlorobenzene
 Concen: 1.957 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

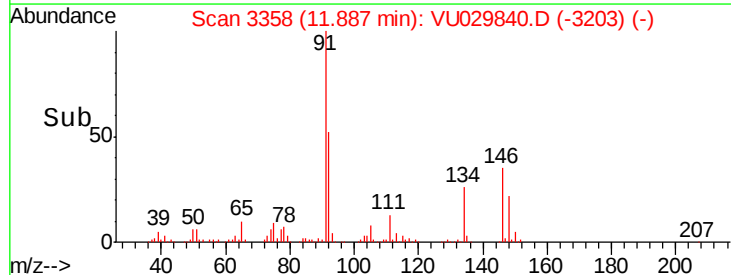
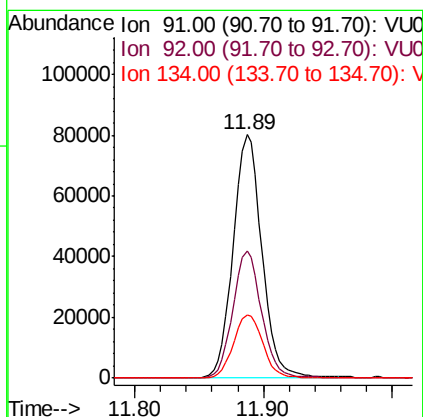
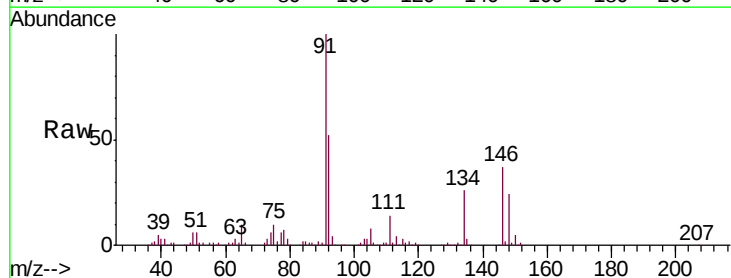
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

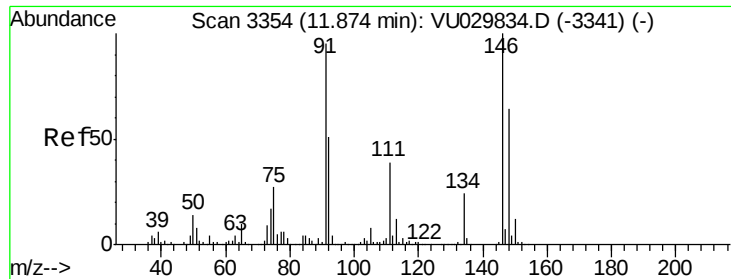
Tgt Ion: 146 Resp: 81263
 Ion Ratio Lower Upper
 146 100
 111 36.9 29.4 44.2
 148 61.9 51.7 77.5



#84
 n-Butylbenzene
 Concen: 1.823 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. -0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion: 91 Resp: 124579
 Ion Ratio Lower Upper
 91 100
 92 52.1 42.6 63.8
 134 26.5 21.7 32.5





#85

1,2-Dichlorobenzene

Concen: 1.895 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

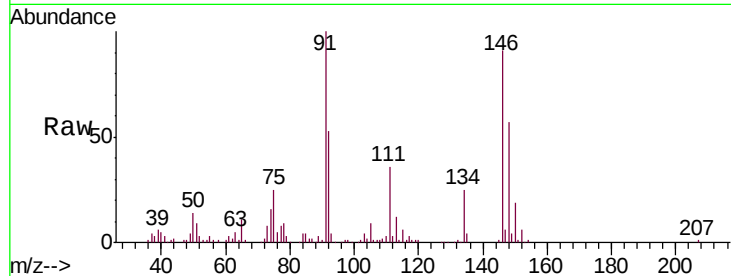
Tgt Ion:146 Resp: 75963

Ion Ratio Lower Upper

146 100

111 39.1 19.9 59.6

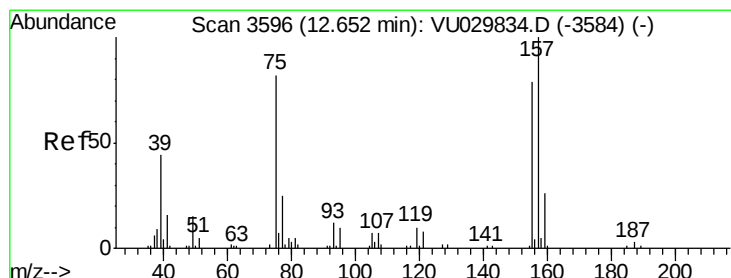
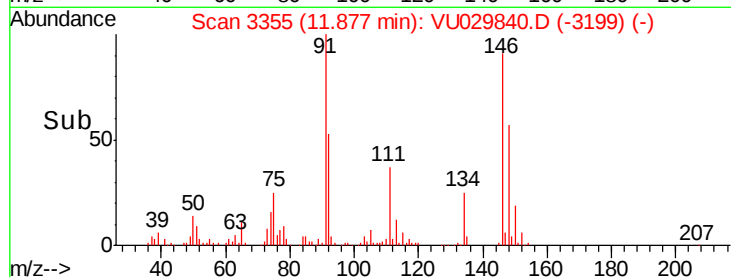
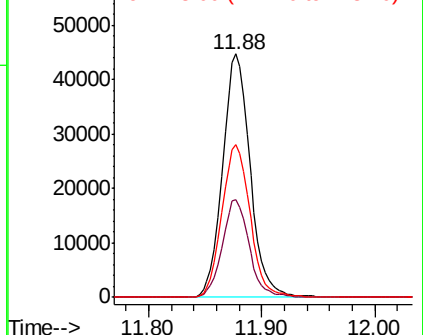
148 64.2 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.815 ug/l

RT: 12.66 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

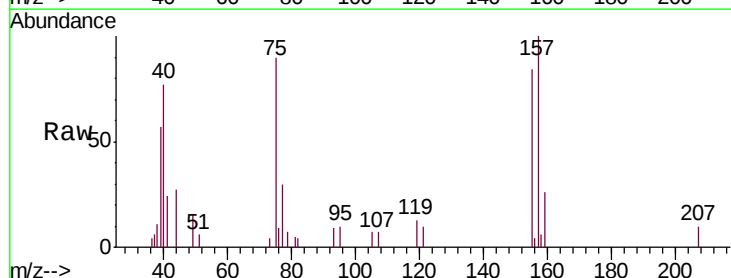
Tgt Ion: 75 Resp: 4276

Ion Ratio Lower Upper

75 100

155 95.6 76.6 114.8

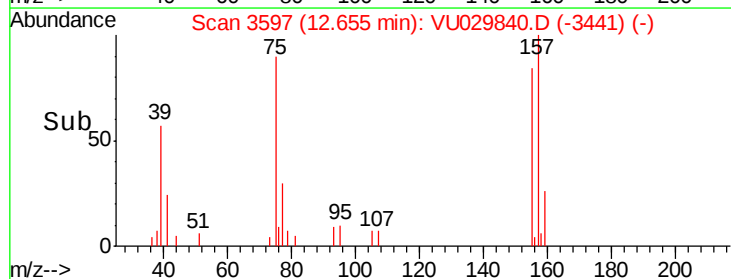
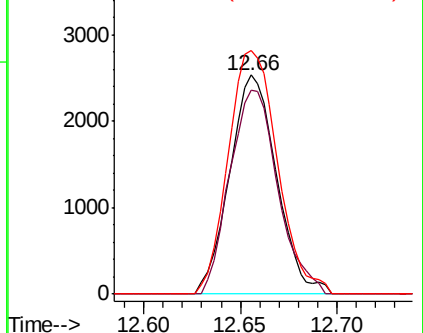
157 116.9 96.2 144.2

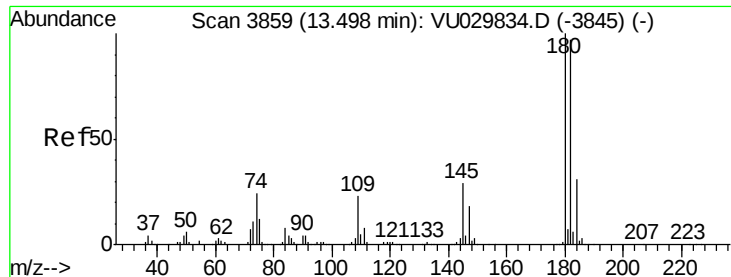


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

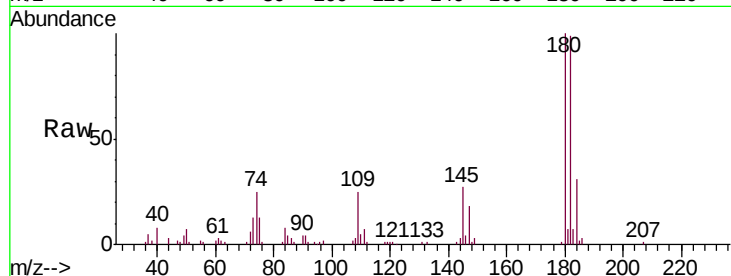




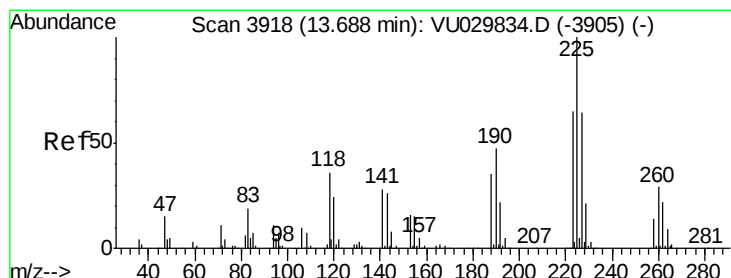
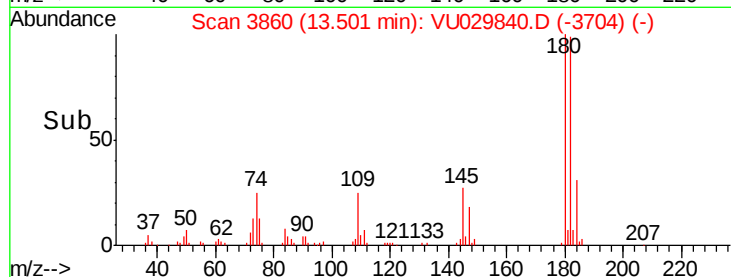
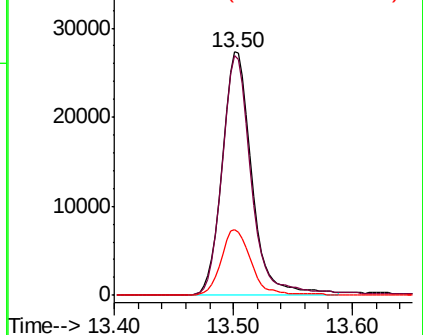
#87
 1,2,4-Trichlorobenzene
 Concen: 1.843 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0307WBS01

Tgt Ion:180 Resp: 47303
 Ion Ratio Lower Upper
 180 100
 182 98.1 77.5 116.3
 145 27.0 23.6 35.4

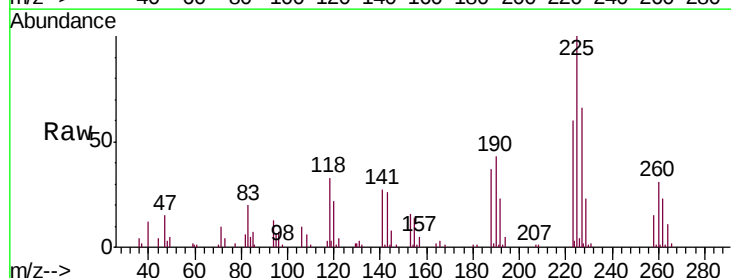


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

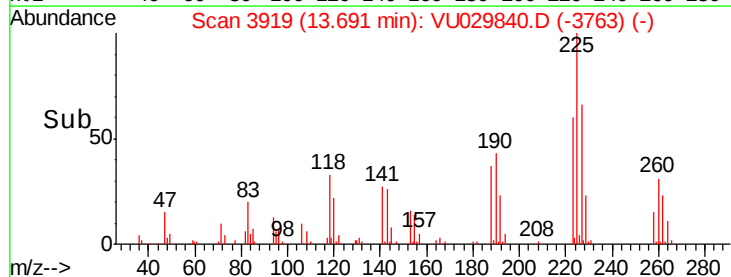
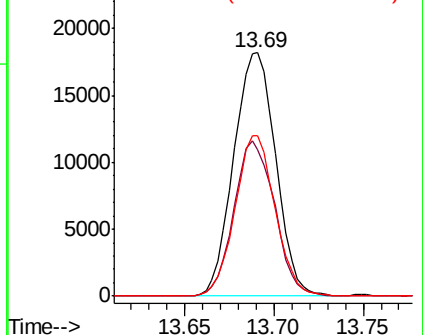


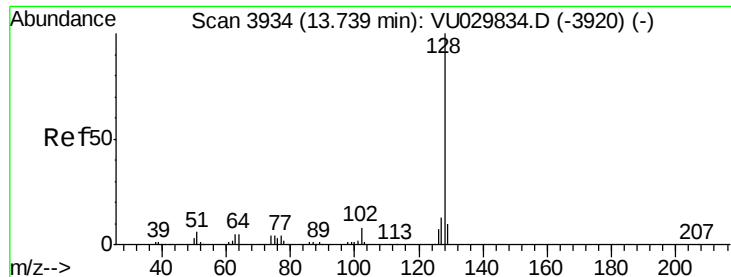
#88
 Hexachlorobutadiene
 Concen: 1.844 ug/l
 RT: 13.69 min Scan# 3919
 Delta R.T. 0.00 min
 Lab File: VU029840.D
 Acq: 06 Mar 2019 15:09

Tgt Ion:225 Resp: 29819
 Ion Ratio Lower Upper
 225 100
 223 61.7 51.2 76.8
 227 62.9 50.9 76.3



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.772 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

Instrument :

MSVOA_U

ClientSampleId :

VU0307WBS01

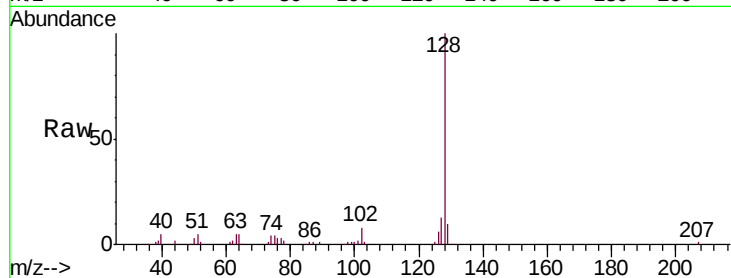
Tgt Ion:128 Resp: 68443

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

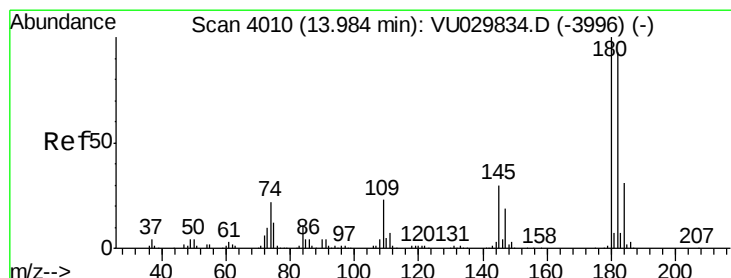
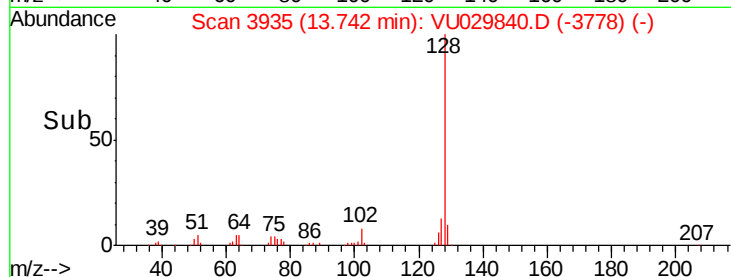
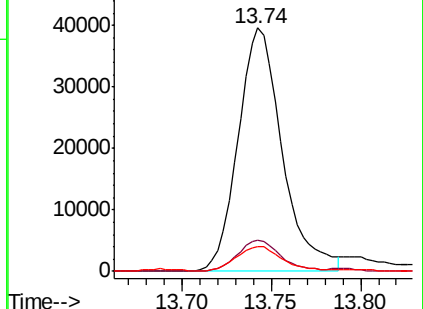
129 10.6 8.2 12.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.934 ug/l

RT: 13.99 min Scan# 4011

Delta R.T. 0.00 min

Lab File: VU029840.D

Acq: 06 Mar 2019 15:09

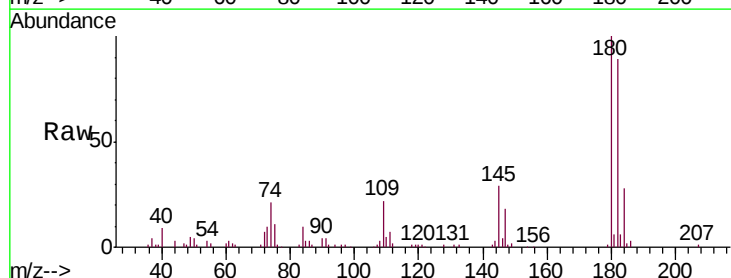
Tgt Ion:180 Resp: 46632

Ion Ratio Lower Upper

180 100

182 91.3 74.8 112.2

145 28.6 24.6 36.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

