

Data File : VU030613.D
Acq On : 02 Apr 2019 20:46
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Quant Time: Apr 03 02:36:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 02:27:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	35957	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13665	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery	=	107.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	12785	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	107668	7.401 ug/l	99
3) Chloromethane	1.32	50	157556	9.033 ug/l	98
4) Vinyl Chloride	1.40	62	165379	9.886 ug/l	99
5) Bromomethane	1.63	94	79572	10.169 ug/l	97
6) Chloroethane	1.70	64	97848	10.397 ug/l	97
7) Trichlorofluoromethane	1.88	101	199764	10.367 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	111125	11.482 ug/l	97
9) 1,1-Dichloroethene	2.28	96	113612	11.897 ug/l	96
10) Iodomethane	2.41	142	153167	12.438 ug/l	99
11) Allyl Chloride	2.59	41	234274	11.298 ug/l	99
12) Acrylonitrile	2.93	53	175881	56.099 ug/l	98
13) Acetone	2.32	43	166826	56.668 ug/l	99
14) Carbon Disulfide	2.47	76	406463	11.672 ug/l	98
15) Methylene Chloride	2.70	84	135641	10.417 ug/l	97
16) trans-1,2-Dichloroethene	2.97	96	125841	11.661 ug/l	99
17) 1,1-Dichloroethane	3.44	63	252192	11.289 ug/l	99
18) 2-Butanone	4.27	43	232733	60.036 ug/l	98
19) Cyclohexane	4.99	56	202914	11.027 ug/l	88
20) Methylcyclohexane	6.41	83	198092	12.888 ug/l	98
21) 2,2-Dichloropropane	4.22	77	191731	11.132 ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	133439	11.716 ug/l	97
23) Diethyl Ether	2.10	59	105438	10.894 ug/l	98
24) tert-Butyl Alcohol	2.83	59	61453	53.357 ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	341718	11.410 ug/l	100
26) Bromochloromethane	4.54	128	52823	10.825 ug/l	99
27) Chloroform	4.67	83	236554	11.294 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	199298	11.604 ug/l	99
29) 1,1-Dichloropropene	5.13	75	177972	11.807 ug/l	99
30) Carbon Tetrachloride	5.13	117	171021	11.447 ug/l	98
31) Isopropyl Ether	3.58	45	453218	12.285 ug/l #	1
33) Tert-Amyl methyl ether	5.39	73	8799	0.362 ug/l #	1
34) Propionitrile	4.33	54	125781	131.622 ug/l	96
35) Benzene	5.38	78	535604	12.085 ug/l	100
36) 1,2-Dichloroethane	5.40	62	162338	11.479 ug/l	99
37) Trichloroethene	6.18	130	124744	11.726 ug/l	99
38) 1,2-Dichloropropane	6.43	63	148401	11.624 ug/l	100
39) Methacrylonitrile	4.55	41	57696	12.131 ug/l	98
40) Methyl acrylate	4.42	55	83708	14.432 ug/l #	95
41) Tetrahydrofuran	4.65	42	155330	60.456 ug/l	98
42) 1-Chlorobutane	5.06	56	277352	12.014 ug/l	96
43) Dibromomethane	6.56	93	69805	11.843 ug/l	98

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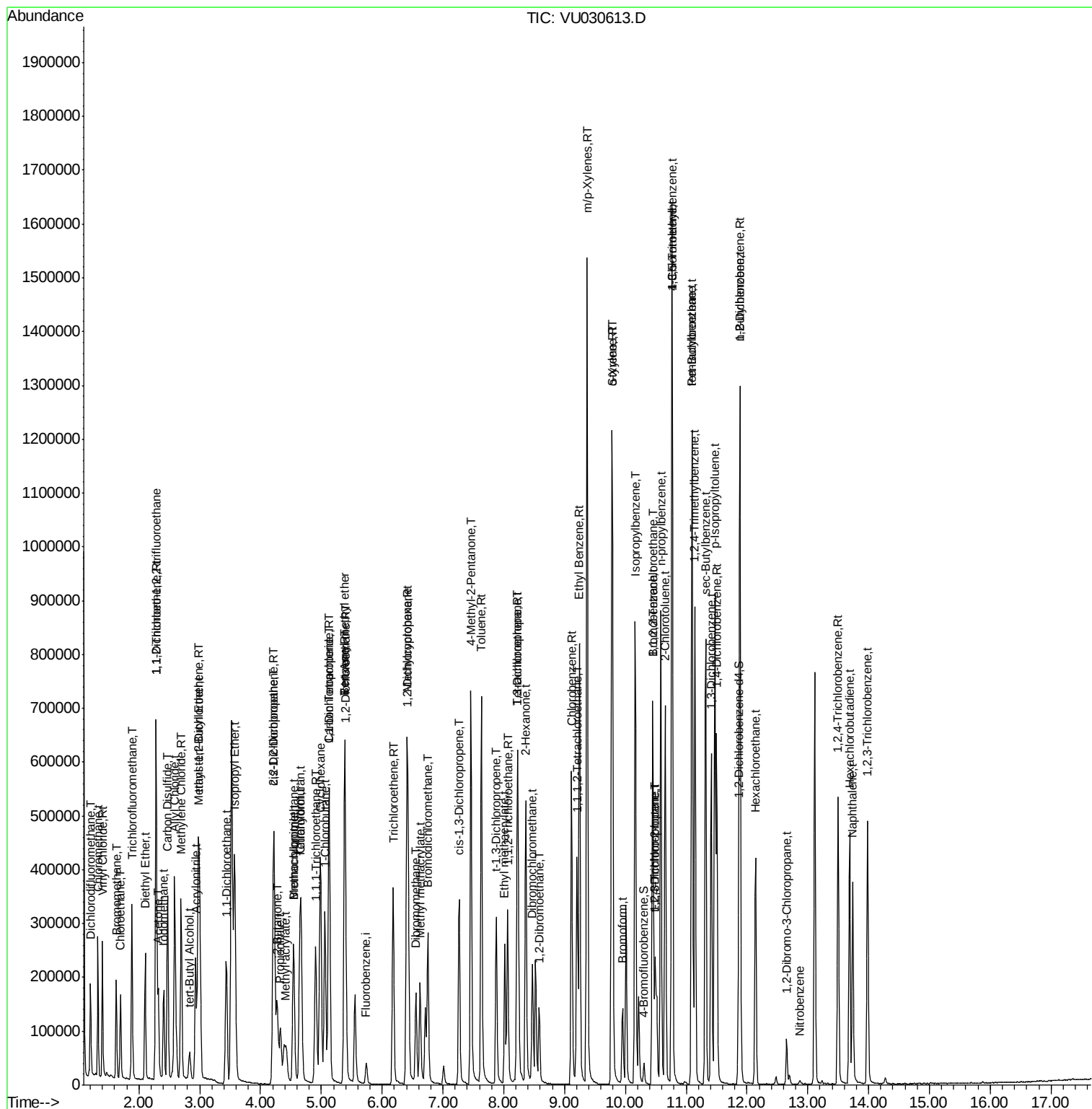
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Bromodichloromethane	6.75	83	181606	11.712	ug/l	99
45) 4-Methyl-2-Pentanone	7.46	43	525625	61.223	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	130162	44.437	ug/l #	43
47) Methyl methacrylate	6.62	69	70852	13.093	ug/l	98
48) Ethyl methacrylate	8.02	69	134663	13.364	ug/l	100
49) Toluene	7.63	92	305161	12.661	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	174917	13.137	ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	207704	12.922	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	97554	11.561	ug/l	92
53) 1,3-Dichloropropane	8.24	76	179300	12.073	ug/l	100
54) 2-Hexanone	8.36	43	368839	64.811	ug/l	98
55) Dibromochloromethane	8.47	129	113185	11.883	ug/l	100
56) 1,2-Dibromoethane	8.58	107	94319	12.414	ug/l	99
58) Tetrachloroethene	8.22	164	110508	11.799	ug/l	99
59) Chlorobenzene	9.12	112	308654	11.755	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	114843	11.540	ug/l	98
61) Pentachloroethane	11.10	117	88662	11.615	ug/l	99
62) Hexachloroethane	12.14	117	84699	11.728	ug/l	98
63) Ethyl Benzene	9.25	91	583260	13.292	ug/l	98
64) m/p-Xylenes	9.37	106	420880	26.588	ug/l	99
65) o-Xylene	9.77	106	199133	12.839	ug/l	98
66) Styrene	9.79	104	360057	13.472	ug/l	98
67) Bromoform	9.95	173	64571	11.901	ug/l	98
69) Isopropylbenzene	10.16	105	553333	13.360	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	128830	11.539	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	130162	15.430	ug/l #	88
72) Bromobenzene	10.45	156	125835	12.178	ug/l	97
73) n-propylbenzene	10.58	120	143520	13.022	ug/l	99
74) 2-Chlorotoluene	10.66	126	125216	12.556	ug/l	99
75) 1,3,5-Trimethylbenzene	10.77	105	475790	13.582	ug/l	100
76) 4-Chlorotoluene	10.77	126	132131	12.926	ug/l	100
77) tert-Butylbenzene	11.10	119	430817	12.666	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	474047	13.290	ug/l	99
79) sec-Butylbenzene	11.32	105	547624	11.807	ug/l	100
80) Nitrobenzene	12.87	77	3821	12.572	ug/l	91
81) p-Isopropyltoluene	11.47	119	486219	13.397	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	240654	11.764	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	247381	12.252	ug/l	100
84) n-Butylbenzene	11.89	91	497905	13.525	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	226369	11.648	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	22215	12.818	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	163551	14.182	ug/l	98
88) Hexachlorobutadiene	13.69	225	82566	12.010	ug/l	99
89) Naphthalene	13.74	128	306076	15.137	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	148959	13.003	ug/l	99

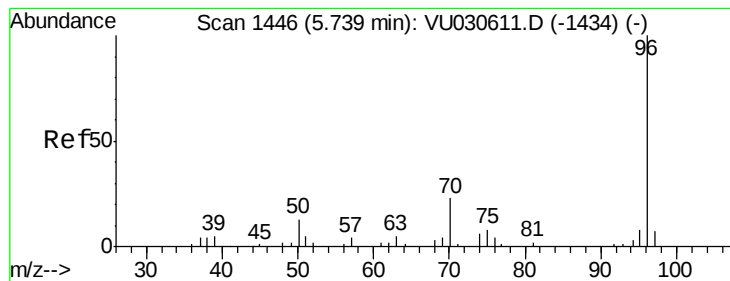
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

Tgt Ion: 96 Resp: 35957

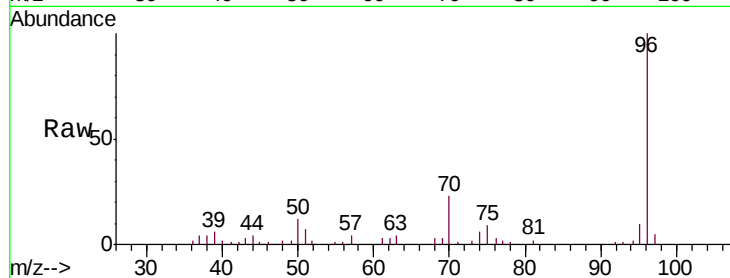
Ion Ratio Lower Upper

96 100

70 23.1 18.5 27.7

95 8.7 0.0 0.0#

97 0.0 0.0 0.0

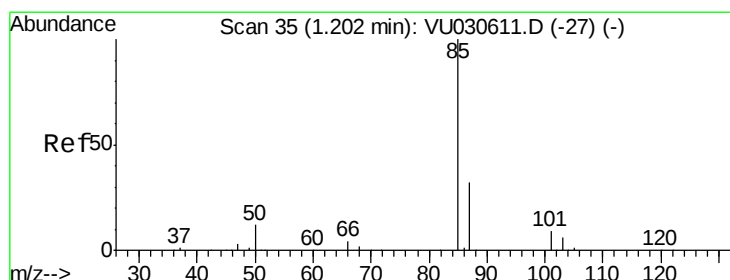
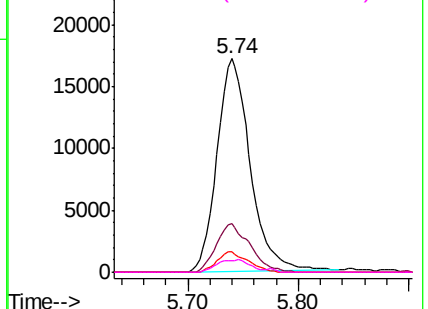
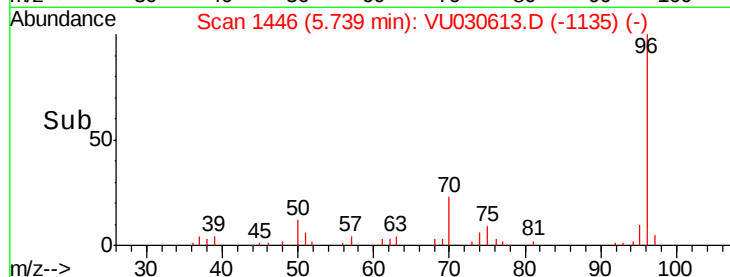


Abundance Ion 96.00 (95.70 to 96.70): VU030613.D (-1135) (-)

Ion 70.00 (69.70 to 70.70): VU030613.D (-1135) (-)

Ion 95.00 (94.70 to 95.70): VU030613.D (-1135) (-)

Ion 97.00 (96.70 to 97.70): VU030613.D (-1135) (-)



#2

Dichlorodifluoromethane

Concen: 7.401 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030613.D

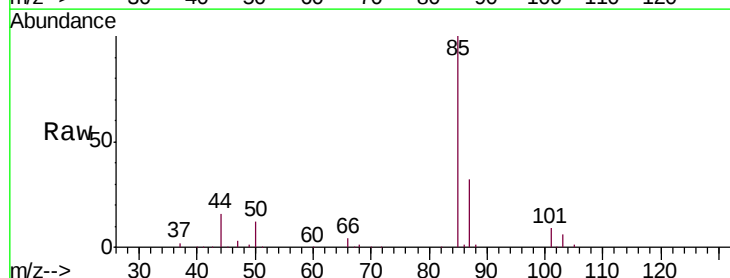
Acq: 02 Apr 2019 20:46

Tgt Ion: 85 Resp: 107668

Ion Ratio Lower Upper

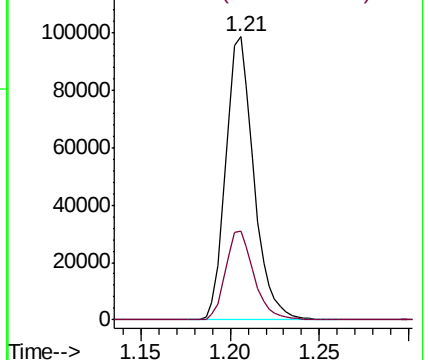
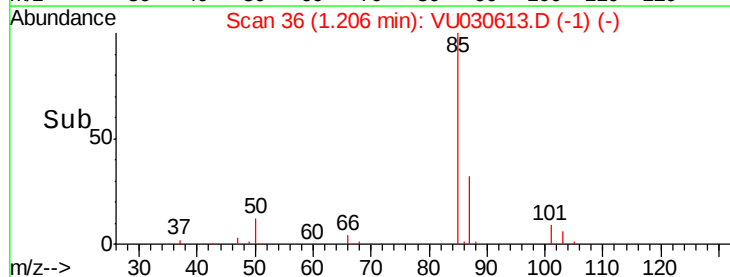
85 100

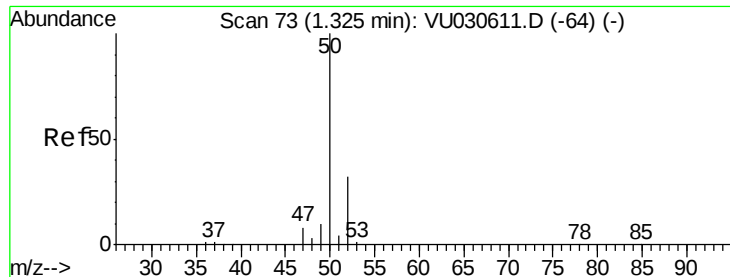
87 31.6 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU030613.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU030613.D (-1) (-)





#3

Chloromethane

Concen: 9.033 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

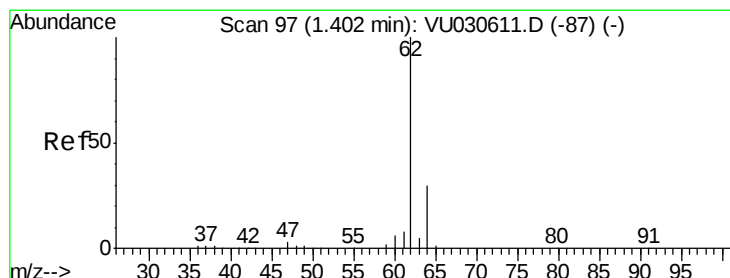
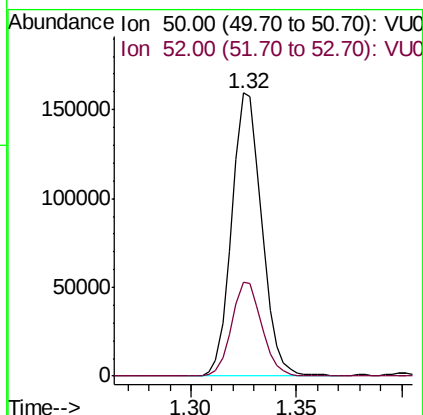
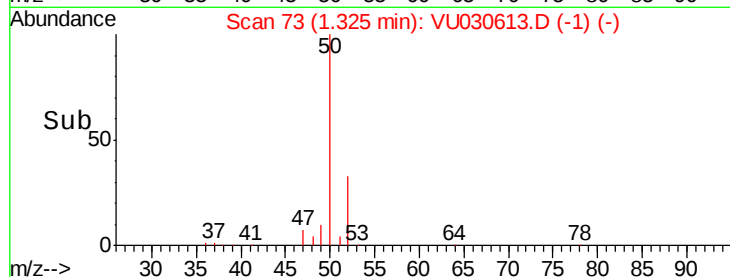
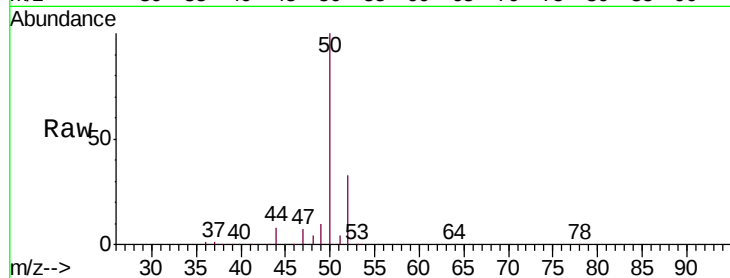
VBLK46

Tgt Ion: 50 Resp: 157556

Ion Ratio Lower Upper

50 100

52 33.3 25.5 38.3



#4

Vinyl Chloride

Concen: 9.886 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030613.D

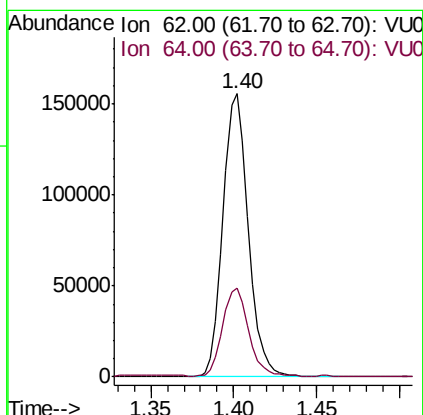
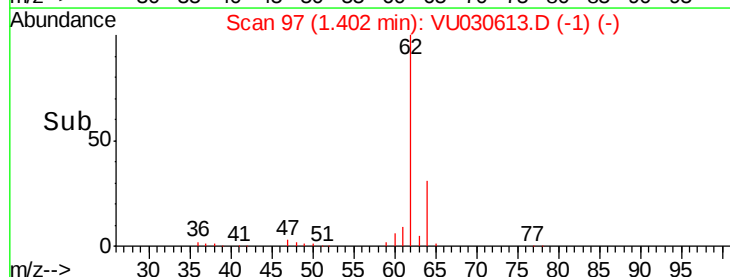
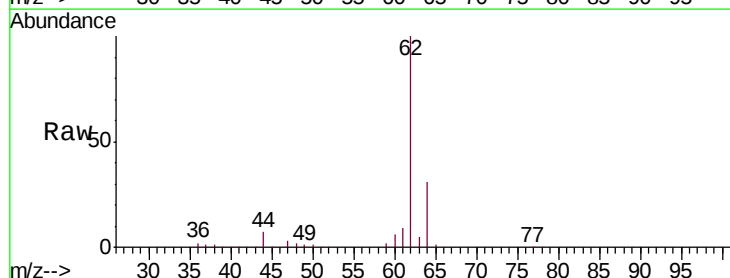
Acq: 02 Apr 2019 20:46

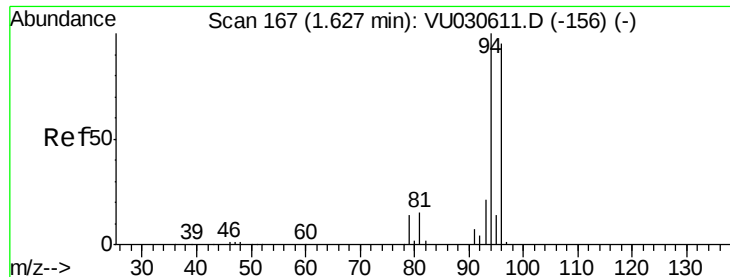
Tgt Ion: 62 Resp: 165379

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5





#5

Bromomethane

Concen: 10.169 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

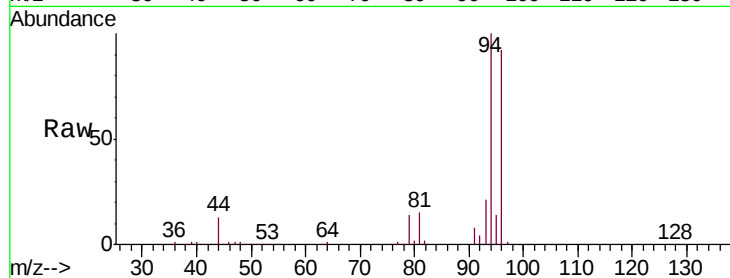
VBLK46

Tgt Ion: 94 Resp: 79572

Ion Ratio Lower Upper

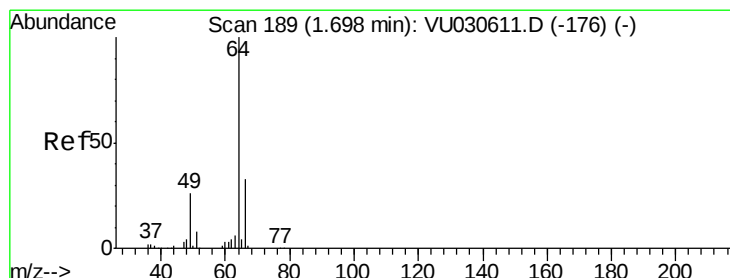
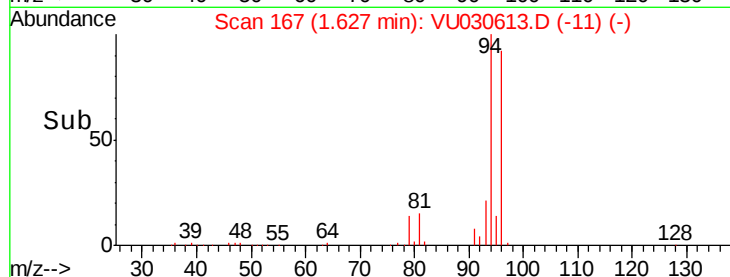
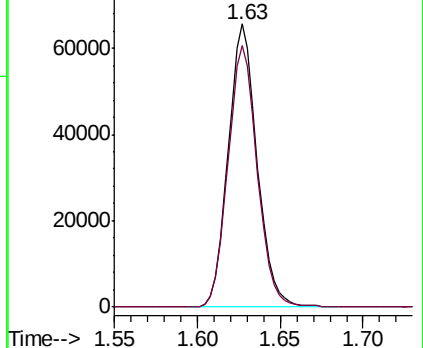
94 100

96 92.3 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VU030613.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU030613.D (-156) (-)



#6

Chloroethane

Concen: 10.397 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU030613.D

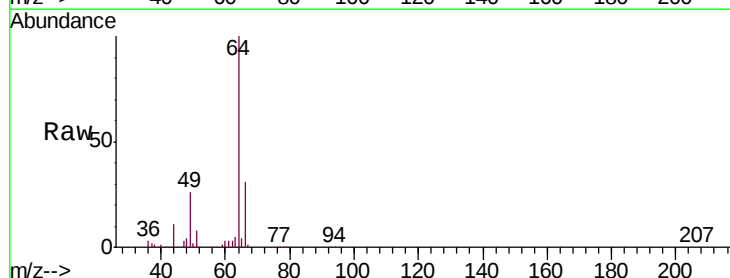
Acq: 02 Apr 2019 20:46

Tgt Ion: 64 Resp: 97848

Ion Ratio Lower Upper

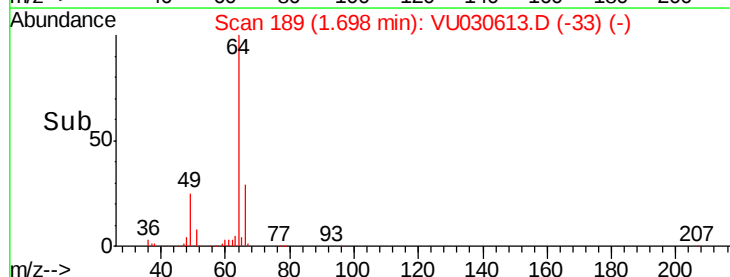
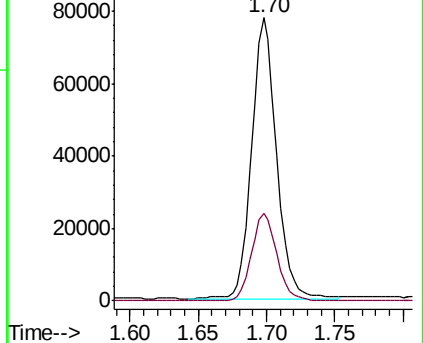
64 100

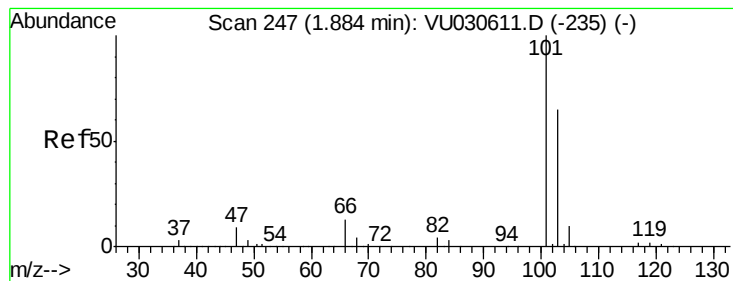
66 30.9 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU030613.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU030613.D (-176) (-)



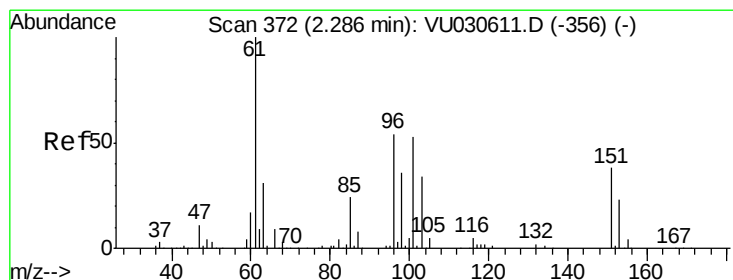
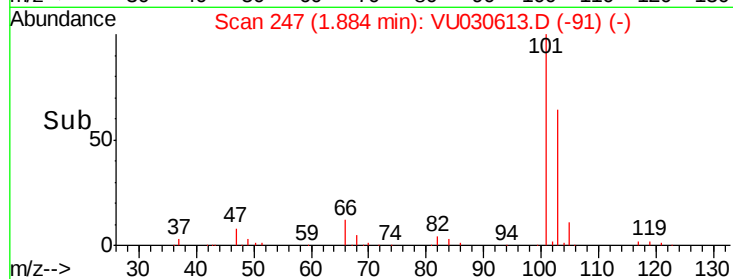
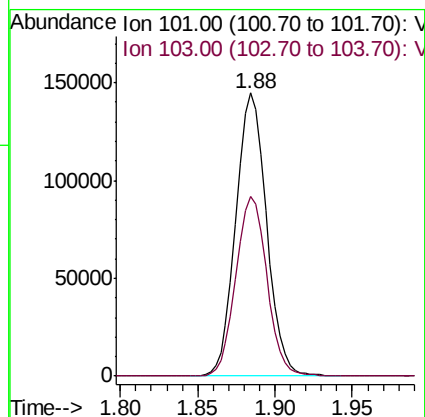
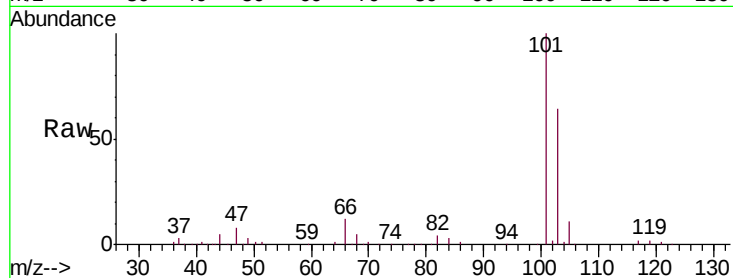


#7

Trichlorofluoromethane
 Concen: 10.367 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

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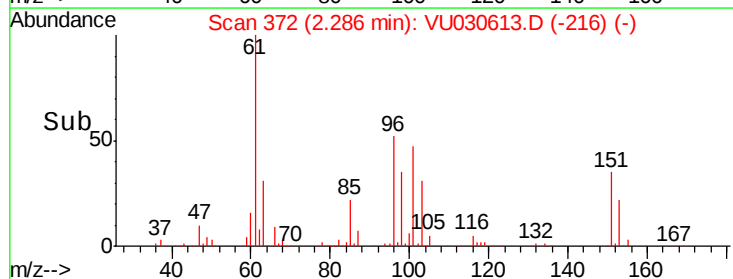
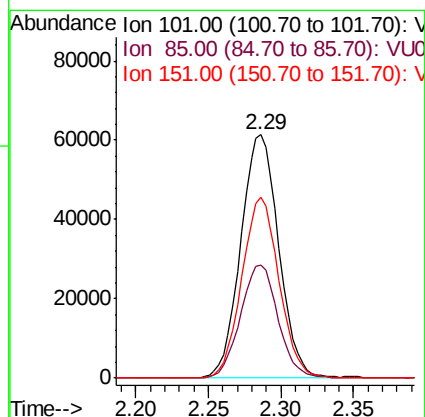
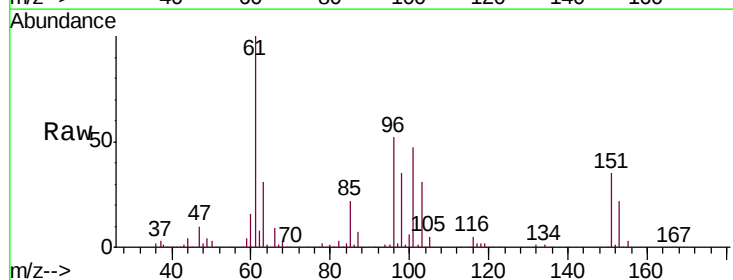
Tgt Ion:101 Resp: 199764
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.8 77.6

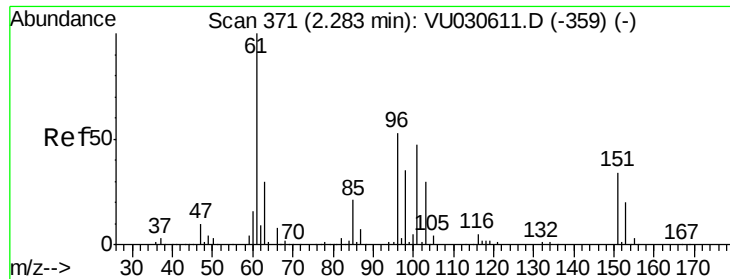


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.482 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion:101 Resp: 111125
 Ion Ratio Lower Upper
 101 100
 85 46.3 36.5 54.7
 151 72.7 55.7 83.5





#9

1,1-Dichloroethene

Concen: 11.897 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

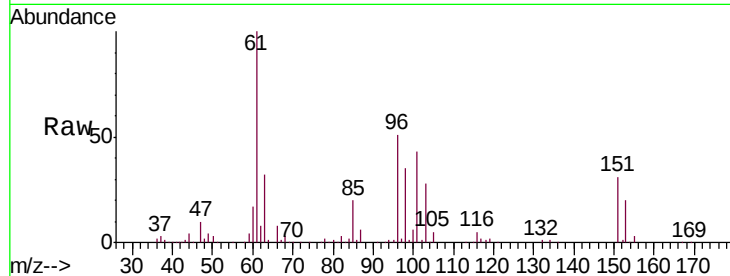
Tgt Ion: 96 Resp: 113612

Ion Ratio Lower Upper

96 100

61 194.2 0.0 564.0

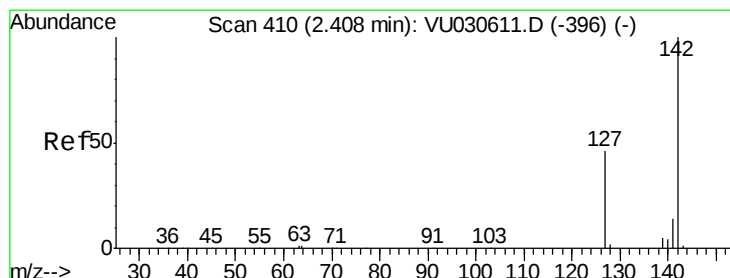
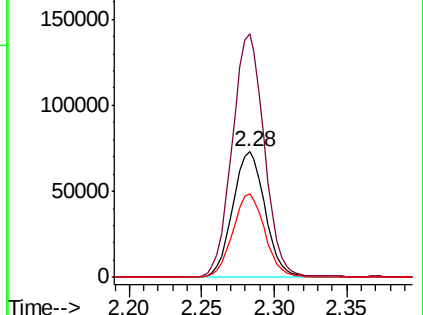
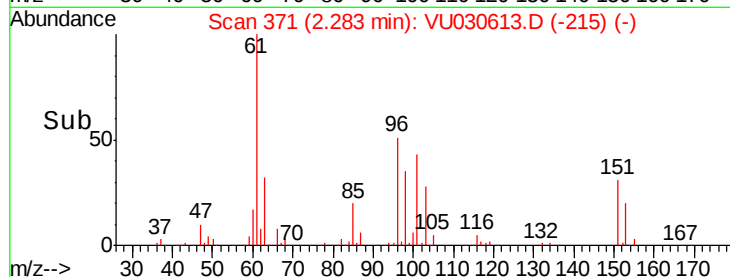
98 67.1 0.0 132.2



Abundance Ion 96.00 (95.70 to 96.70): VU030613.D (-215) (-)

Ion 61.00 (60.70 to 61.70): VU030613.D (-215) (-)

Ion 98.00 (97.70 to 98.70): VU030613.D (-215) (-)



#10

Iodomethane

Concen: 12.438 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU030613.D

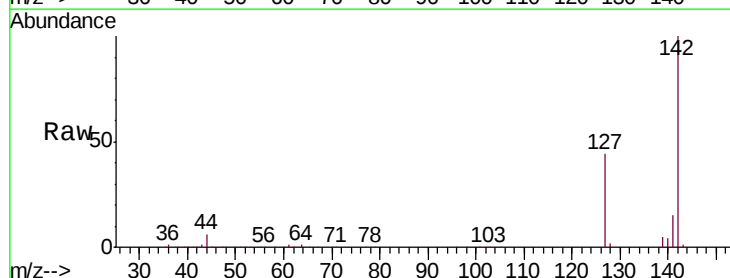
Acq: 02 Apr 2019 20:46

Tgt Ion: 142 Resp: 153167

Ion Ratio Lower Upper

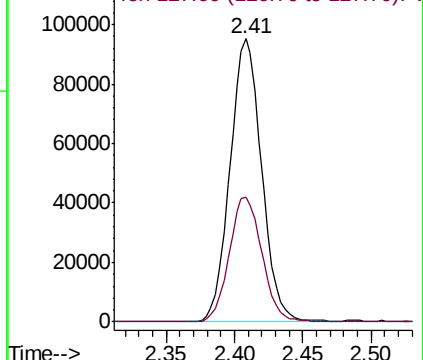
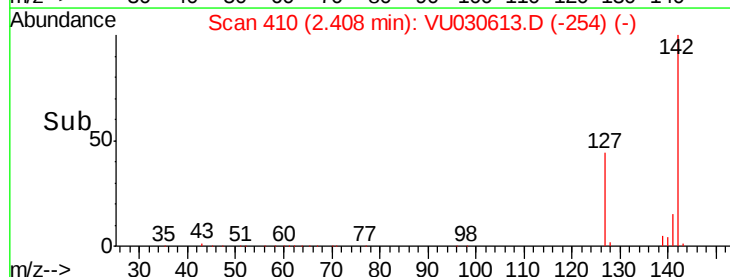
142 100

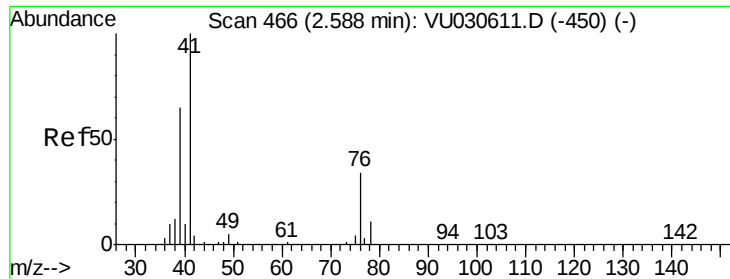
127 45.6 36.9 55.3



Abundance Ion 142.00 (141.70 to 142.70): VU030613.D (-254) (-)

Ion 127.00 (126.70 to 127.70): VU030613.D (-254) (-)

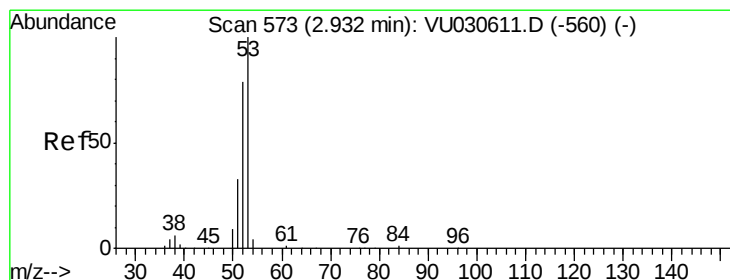
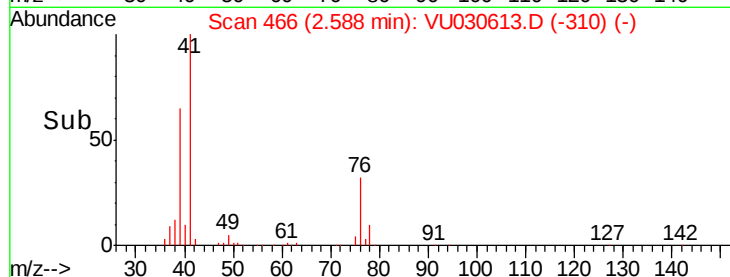
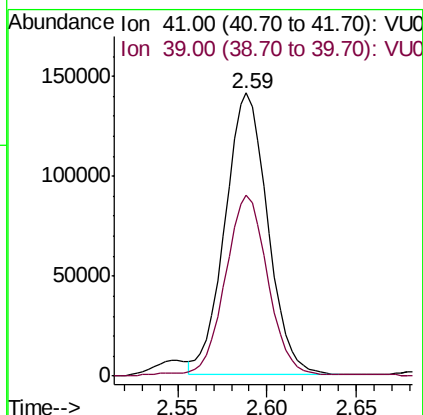
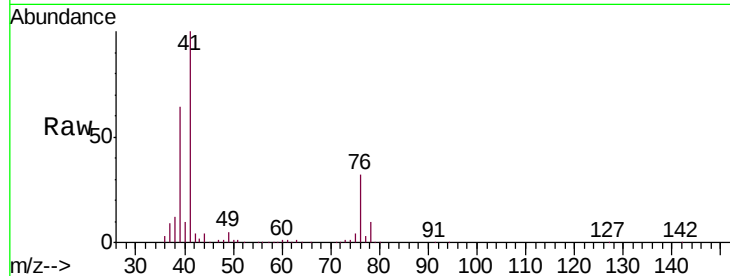




#11
 Allyl Chloride
 Concen: 11.298 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

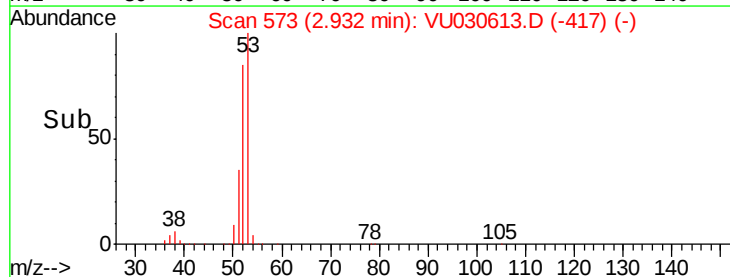
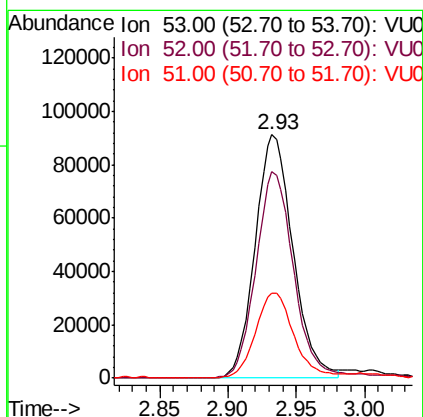
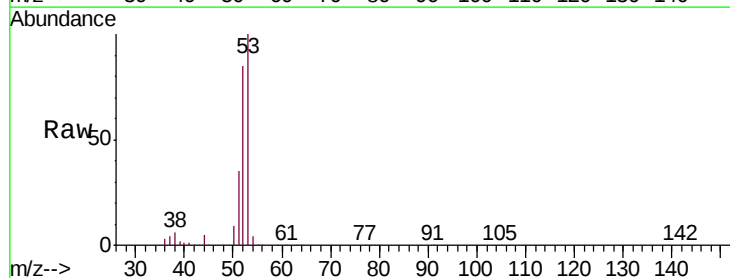
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

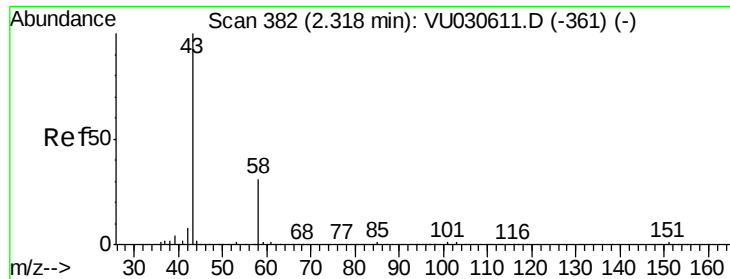
Tgt Ion: 41 Resp: 234274
 Ion Ratio Lower Upper
 41 100
 39 64.6 52.2 78.4



#12
 Acrylonitrile
 Concen: 56.099 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 53 Resp: 175881
 Ion Ratio Lower Upper
 53 100
 52 85.1 66.2 99.2
 51 35.1 27.3 40.9





#13

Acetone

Concen: 56.668 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampled :

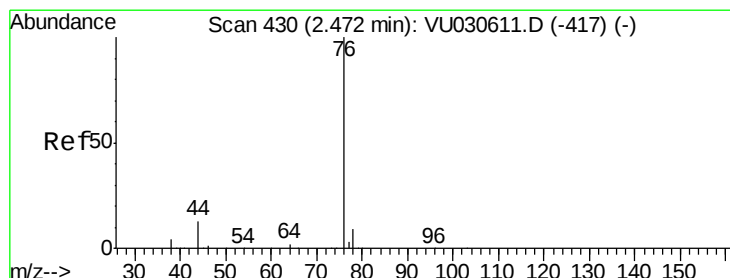
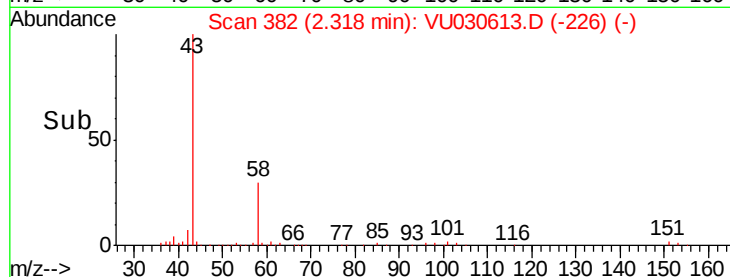
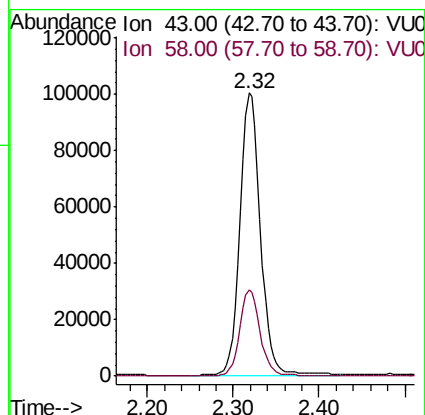
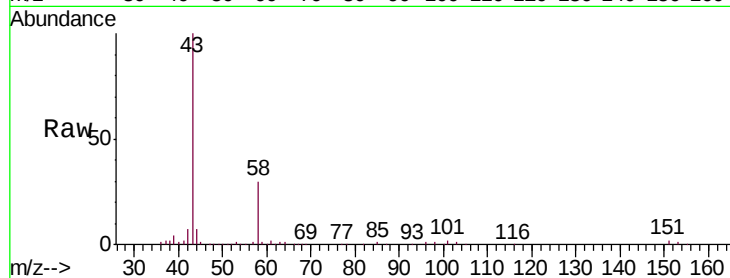
VBLK46

Tgt Ion: 43 Resp: 166826

Ion Ratio Lower Upper

43 100

58 30.2 24.7 37.1



#14

Carbon Disulfide

Concen: 11.672 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU030613.D

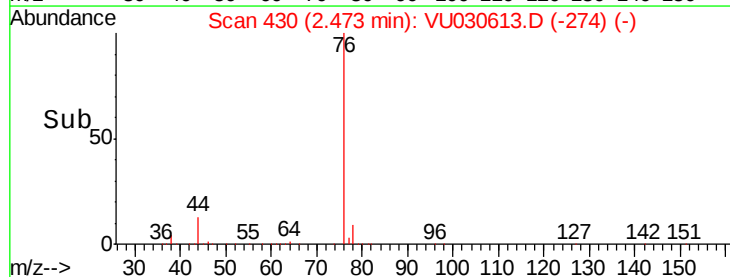
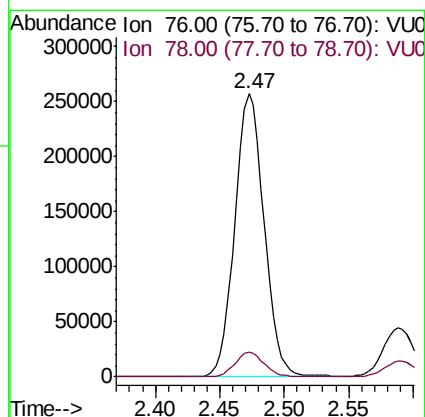
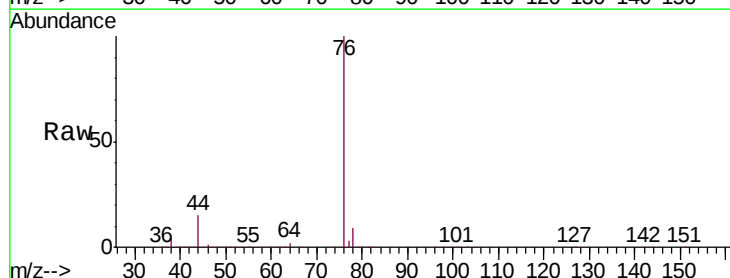
Acq: 02 Apr 2019 20:46

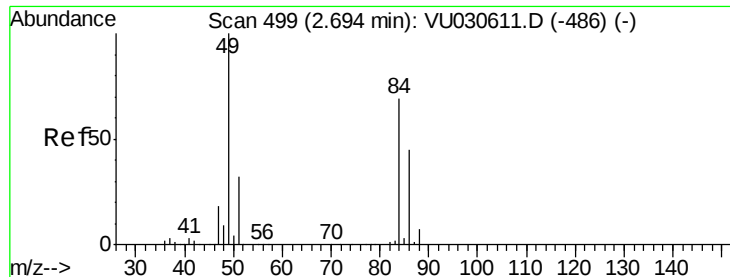
Tgt Ion: 76 Resp: 406463

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0

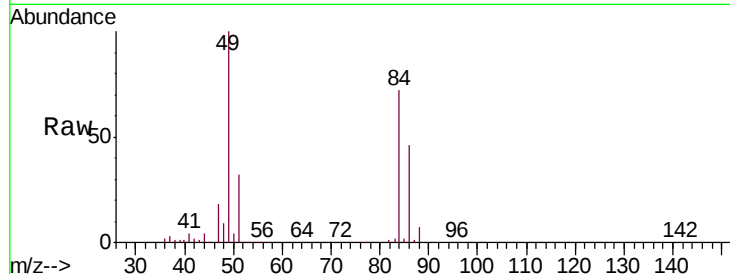




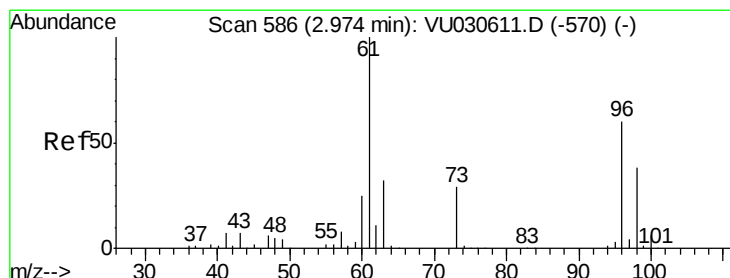
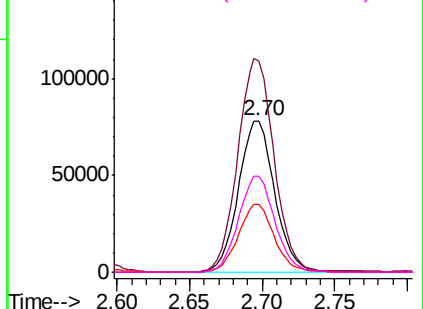
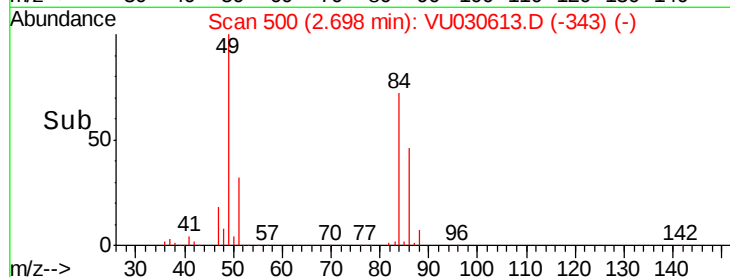
#15
Methylene Chloride
Concen: 10.417 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion: 84 Resp: 135641
Ion Ratio Lower Upper
84 100
49 139.5 115.4 173.2
51 44.4 0.0 93.4
86 63.9 52.2 78.4

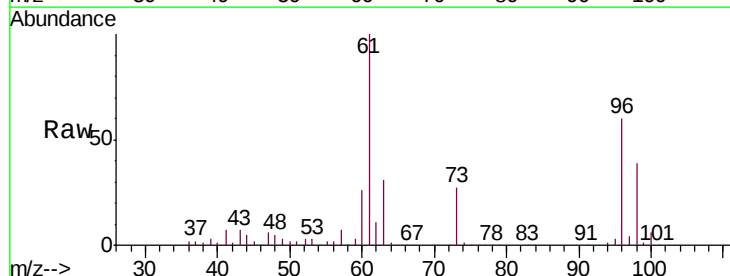


Abundance Ion 84.00 (83.70 to 84.70): VU0
Ion 49.00 (48.70 to 49.70): VU0
Ion 51.00 (50.70 to 51.70): VU0
Ion 86.00 (85.70 to 86.70): VU0

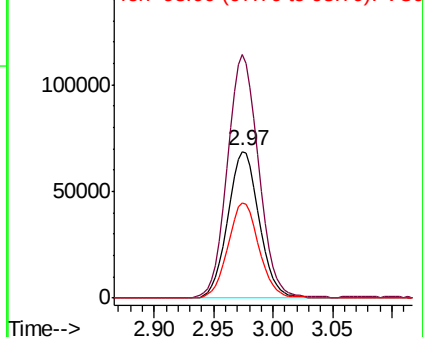
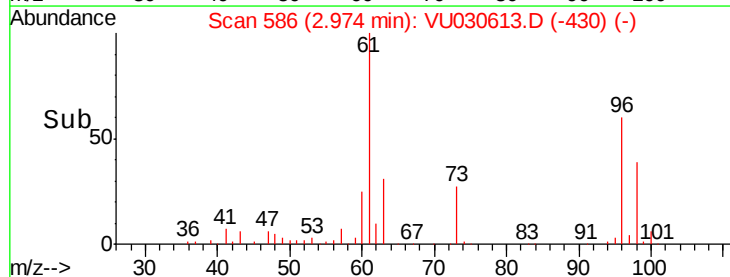


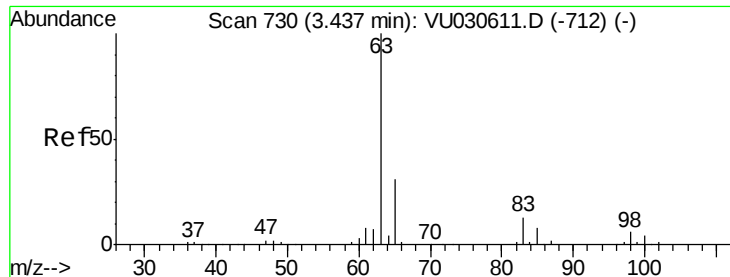
#16
trans-1,2-Dichloroethene
Concen: 11.661 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 96 Resp: 125841
Ion Ratio Lower Upper
96 100
61 165.7 132.2 198.4
98 65.0 50.2 75.4



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

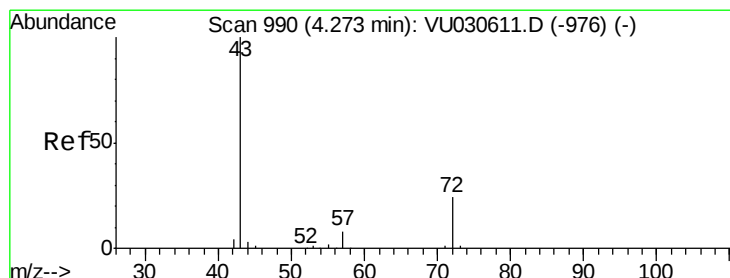
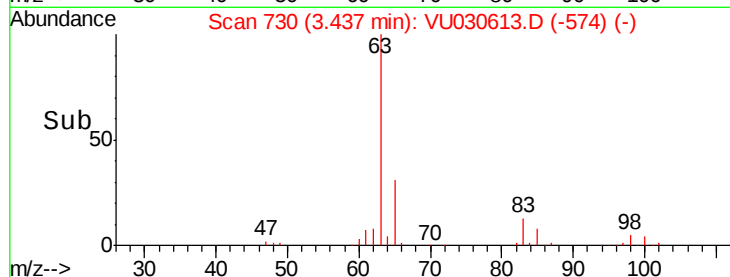
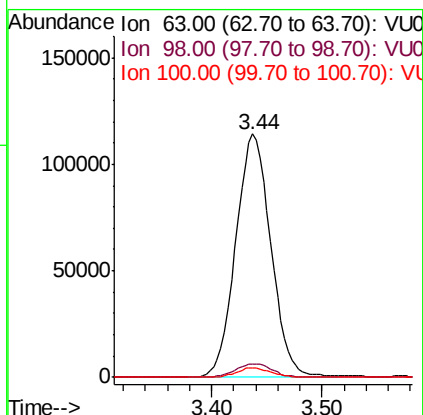
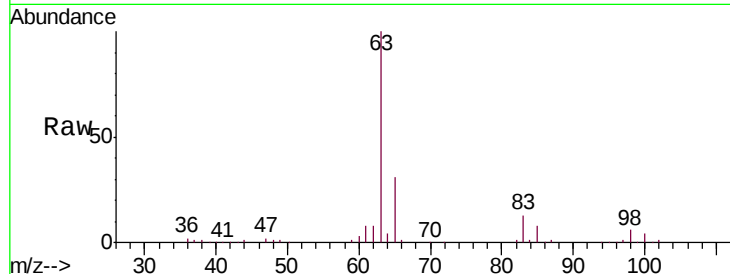




#17
 1,1-Dichloroethane
 Concen: 11.289 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

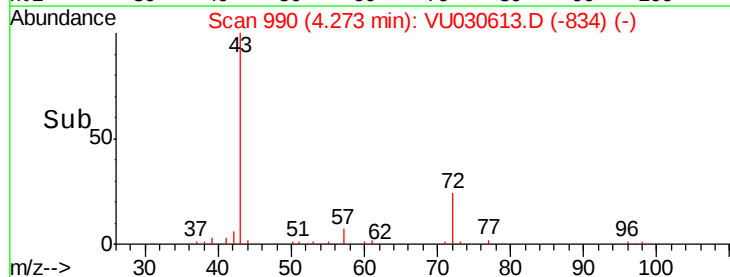
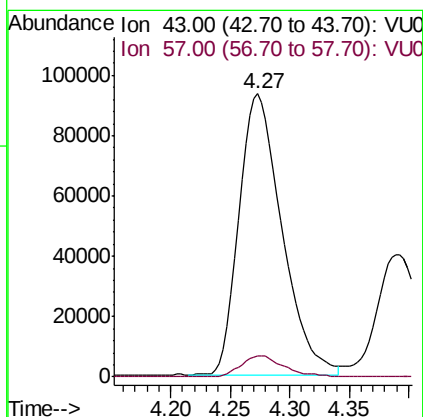
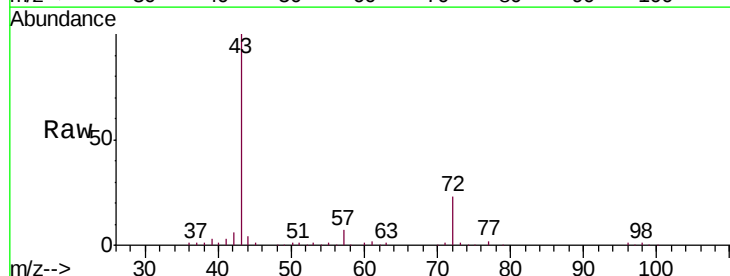
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

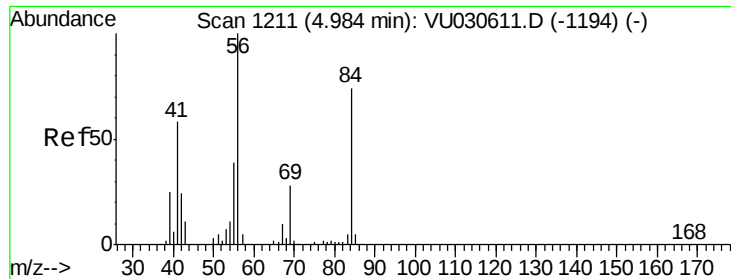
Tgt Ion: 63 Resp: 252192
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.0 9.0
 100 4.0 2.0 5.8



#18
 2-Butanone
 Concen: 60.036 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 43 Resp: 232733
 Ion Ratio Lower Upper
 43 100
 57 7.3 0.0 16.4

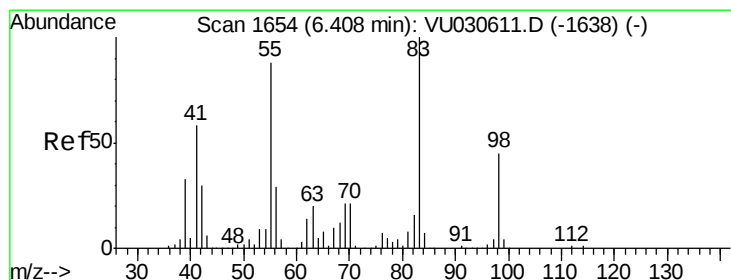
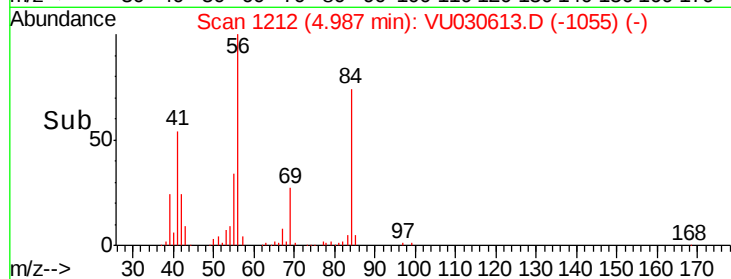
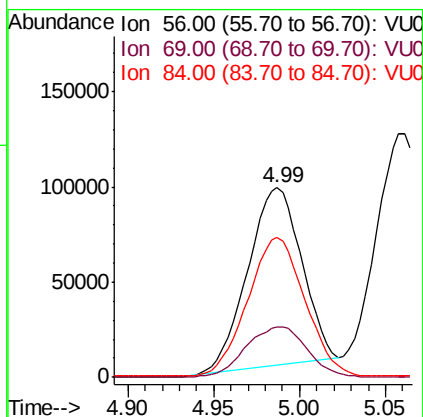
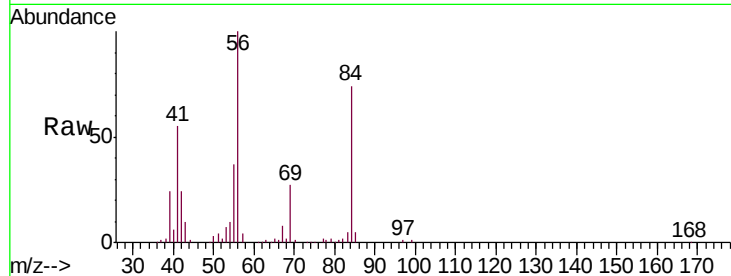




#19
Cyclohexane
Concen: 11.027 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

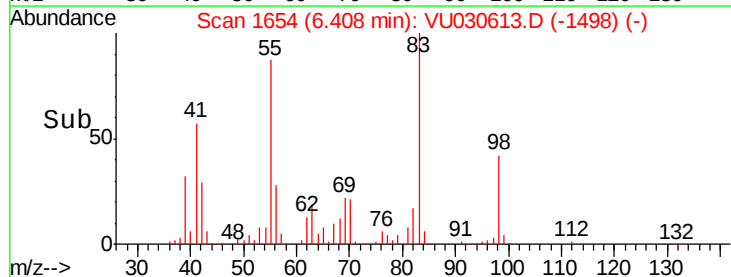
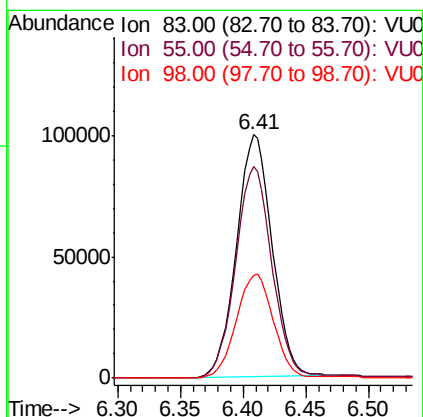
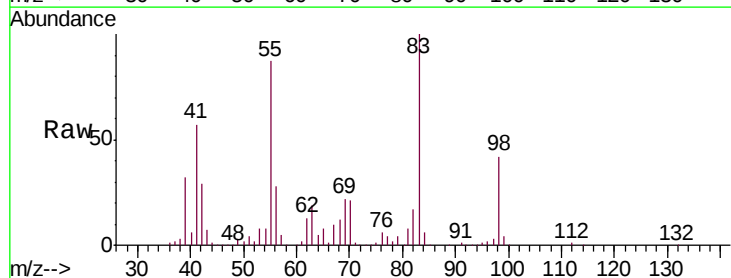
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

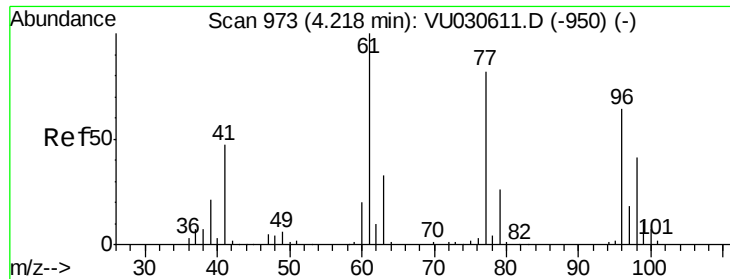
Tgt Ion: 56 Resp: 202914
Ion Ratio Lower Upper
56 100
69 32.7 22.1 33.1
84 82.9 58.1 87.1



#20
Methylcyclohexane
Concen: 12.888 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 83 Resp: 198092
Ion Ratio Lower Upper
83 100
55 87.7 71.8 107.8
98 44.0 35.5 53.3

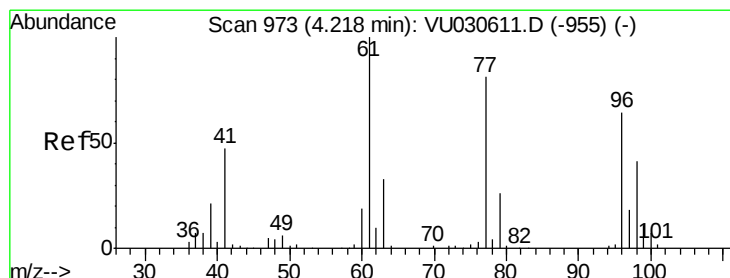
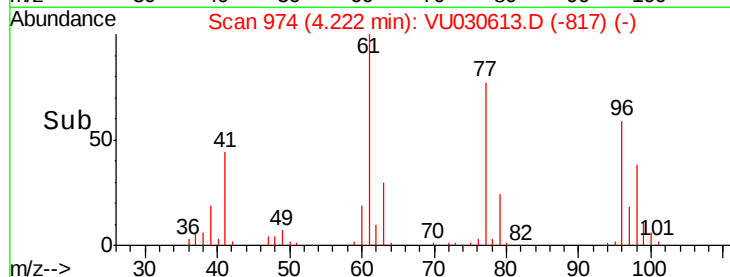
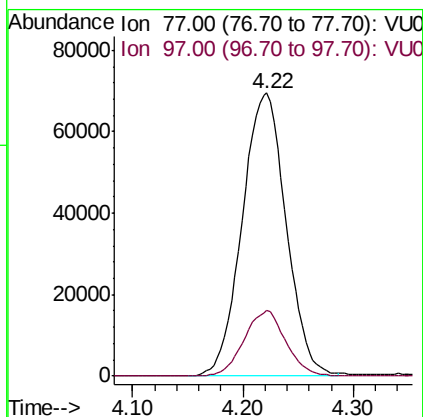
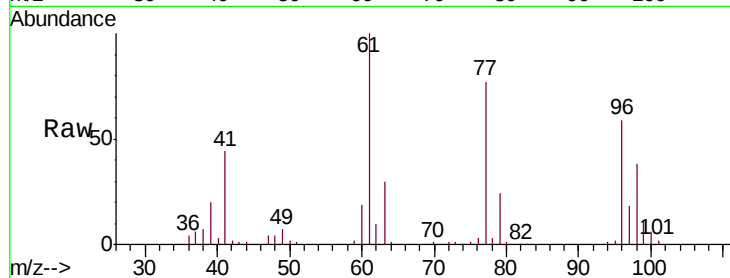




#21
 2,2-Dichloropropane
 Concen: 11.132 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

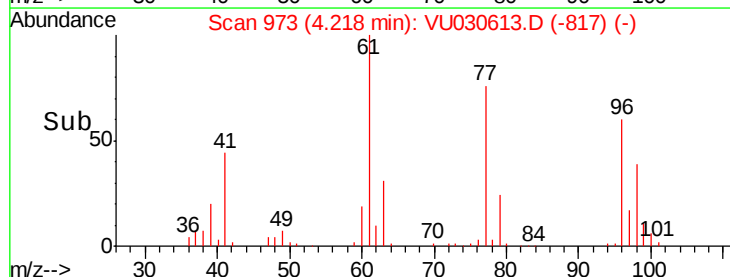
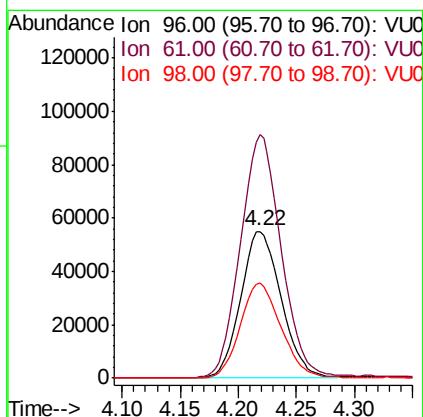
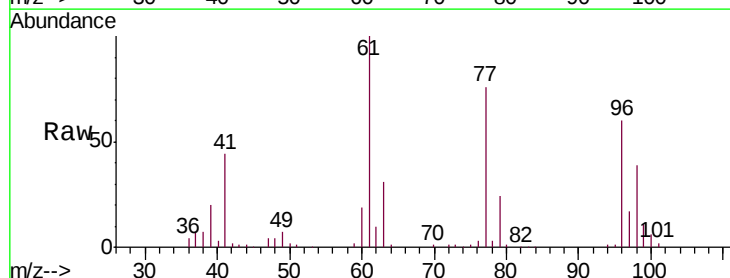
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

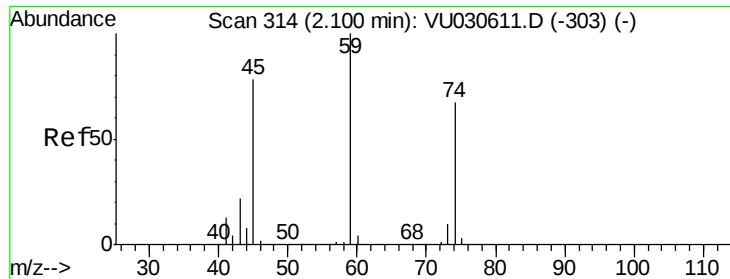
Tgt Ion: 77 Resp: 191731
 Ion Ratio Lower Upper
 77 100
 97 22.2 17.4 26.0



#22
 cis-1,2-Dichloroethene
 Concen: 11.716 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 96 Resp: 133439
 Ion Ratio Lower Upper
 96 100
 61 166.9 0.0 406.0
 98 65.3 31.7 95.1

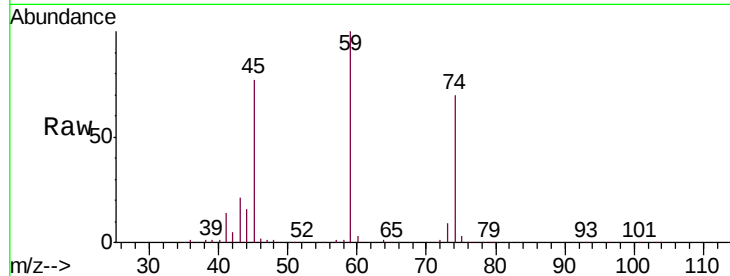




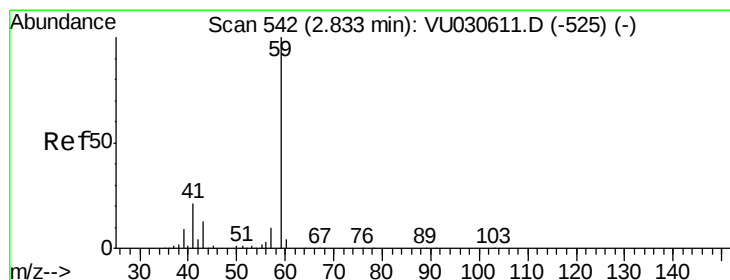
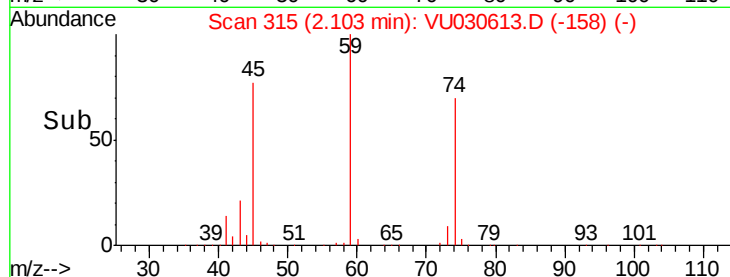
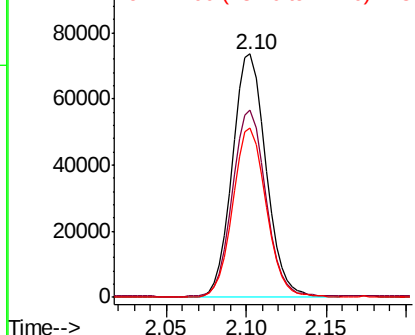
#23
Diethyl Ether
Concen: 10.894 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion: 59 Resp: 105438
Ion Ratio Lower Upper
59 100
45 76.5 62.7 94.1
74 69.3 54.3 81.5

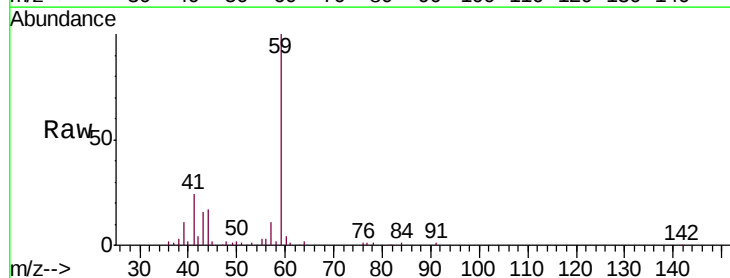


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

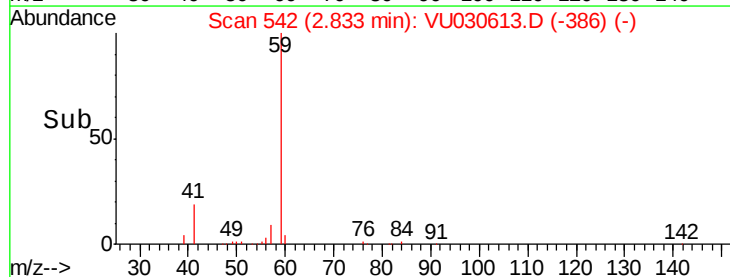
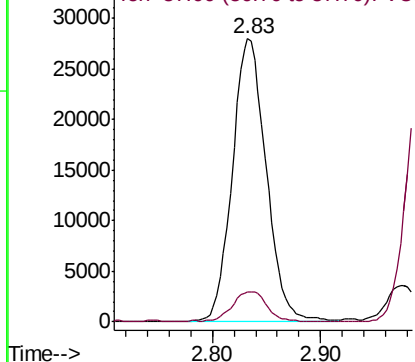


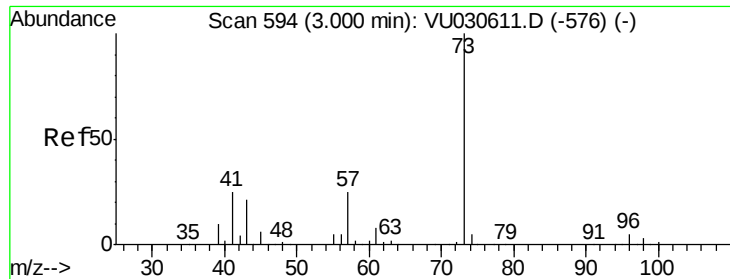
#24
tert-Butyl Alcohol
Concen: 53.357 ug/l
RT: 2.83 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 59 Resp: 61453
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 57.00 (56.70 to 57.70): VU0



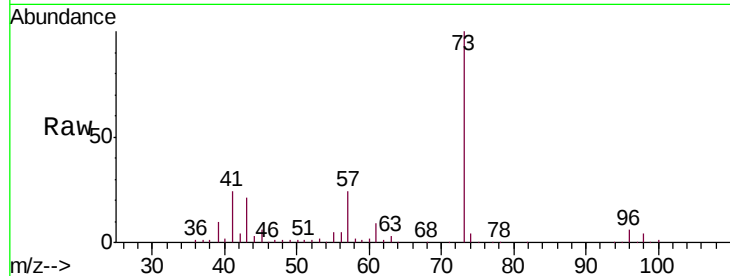


#25

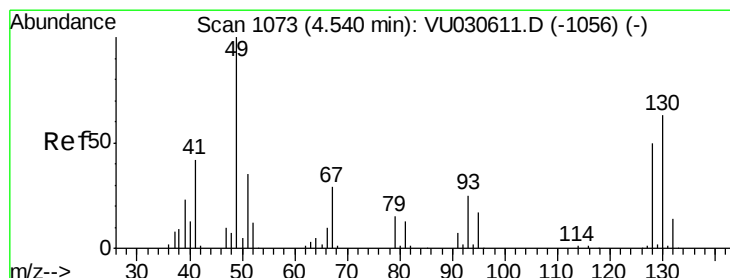
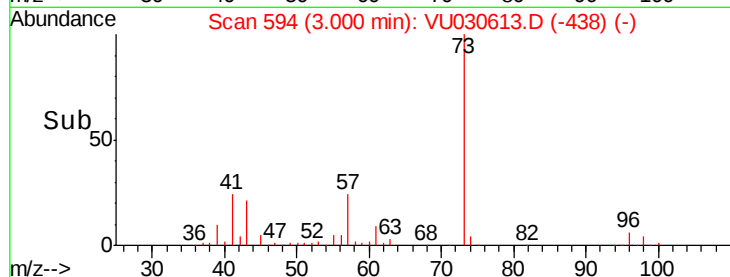
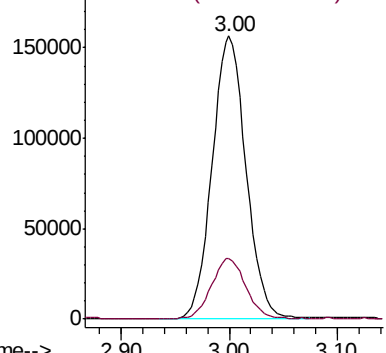
Methyl tert-Butyl Ether
 Concen: 11.410 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tgt Ion: 73 Resp: 341718
 Ion Ratio Lower Upper
 73 100
 43 21.3 17.0 25.6



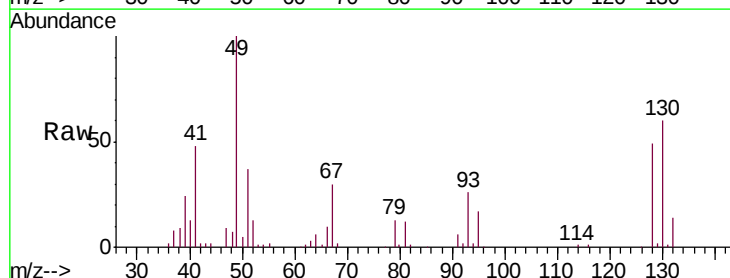
Abundance Ion 73.00 (72.70 to 73.70): VU030611.D (-576) (-)
 Ion 43.00 (42.70 to 43.70): VU030611.D (-576) (-)



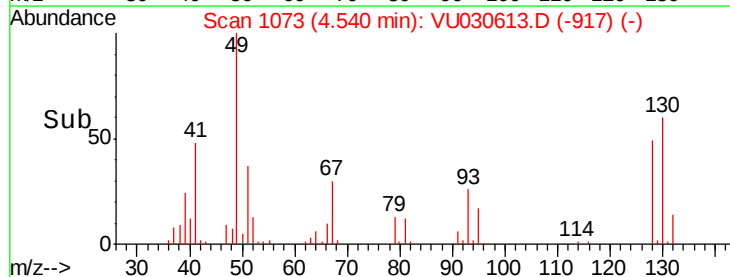
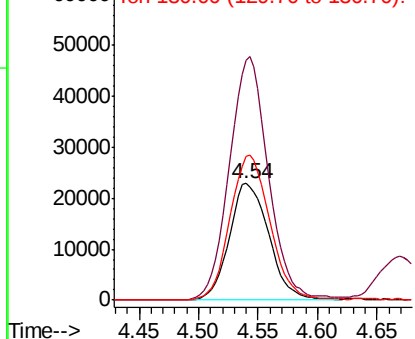
#26

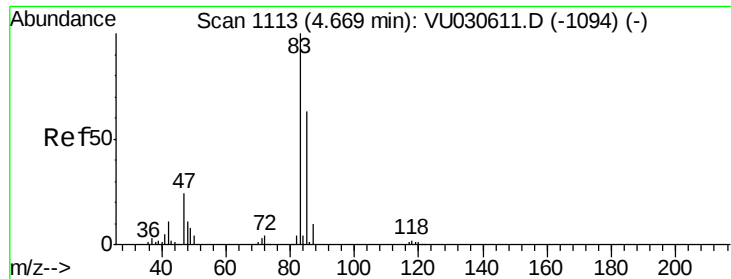
Bromochloromethane
 Concen: 10.825 ug/l
 RT: 4.54 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 128 Resp: 52823
 Ion Ratio Lower Upper
 128 100
 49 204.1 0.0 404.8
 130 125.6 100.2 150.2



Abundance Ion 128.00 (127.70 to 128.70): VU030613.D (-917) (-)
 Ion 49.00 (48.70 to 49.70): VU030613.D (-917) (-)
 Ion 130.00 (129.70 to 130.70): VU030613.D (-917) (-)

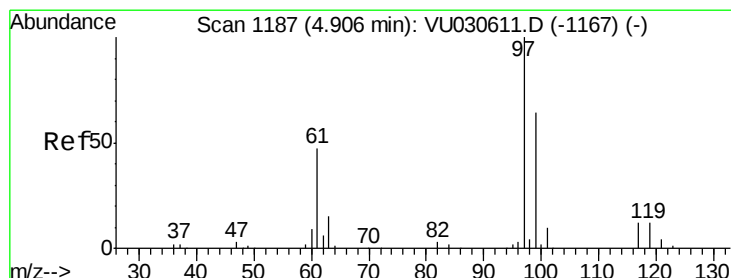
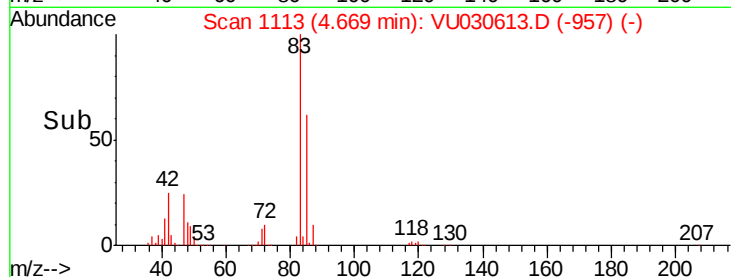
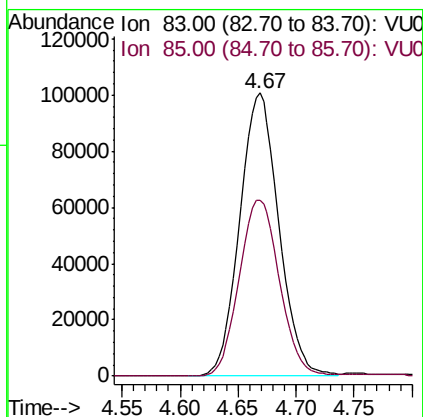
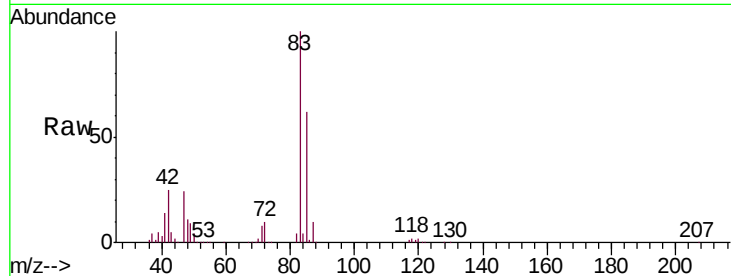




#27
Chloroform
Concen: 11.294 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

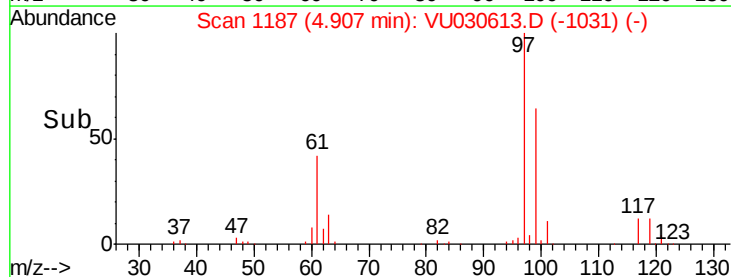
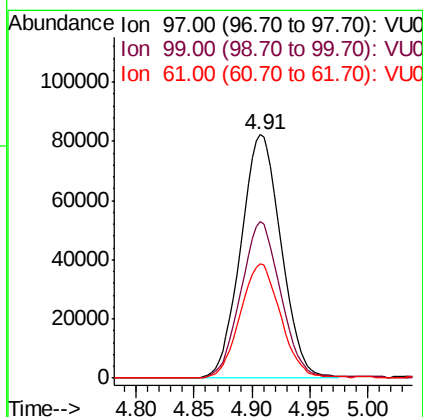
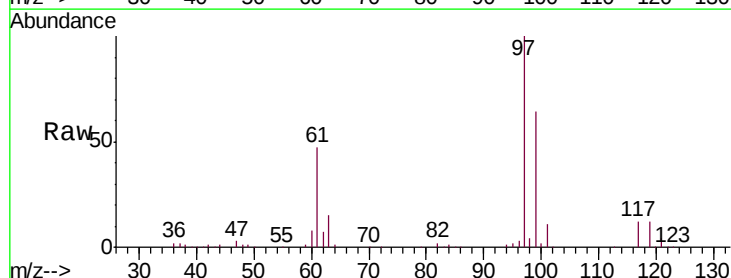
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

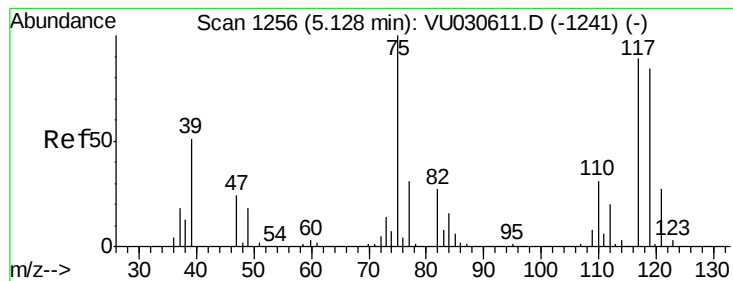
Tgt Ion: 83 Resp: 236554
Ion Ratio Lower Upper
83 100
85 62.3 0.0 126.0



#28
1,1,1-Trichloroethane
Concen: 11.604 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 97 Resp: 199298
Ion Ratio Lower Upper
97 100
99 63.4 31.9 95.9
61 47.2 23.4 70.0





#29

1,1-Dichloropropene

Concen: 11.807 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampled :

VBLK46

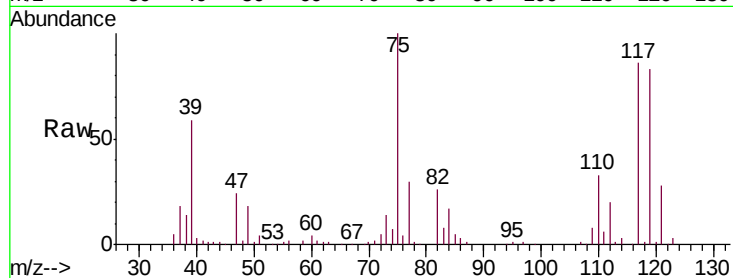
Tgt Ion: 75 Resp: 177972

Ion Ratio Lower Upper

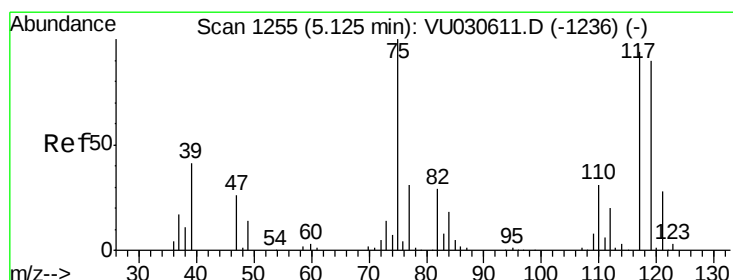
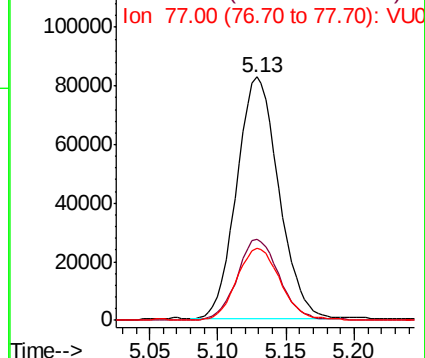
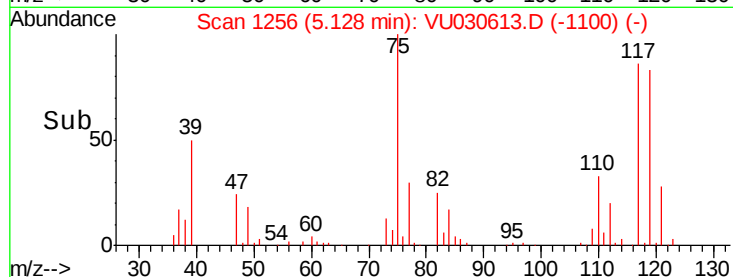
75 100

110 33.3 16.2 48.5

77 30.3 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VU030613.D (-1100) (-)



#30

Carbon Tetrachloride

Concen: 11.447 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

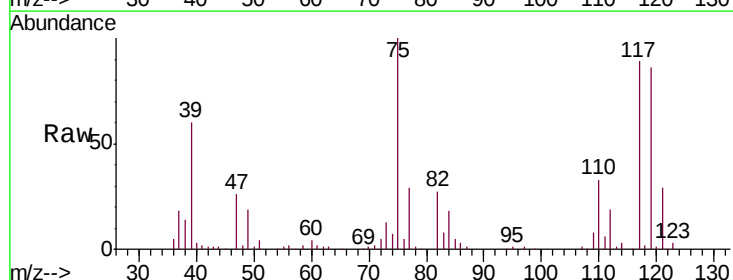
Tgt Ion: 117 Resp: 171021

Ion Ratio Lower Upper

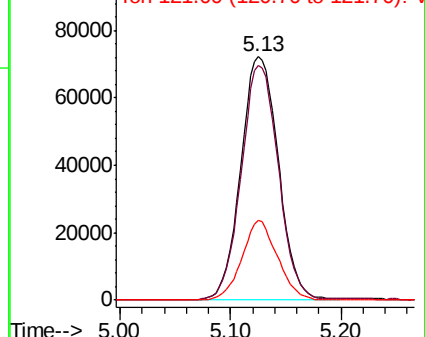
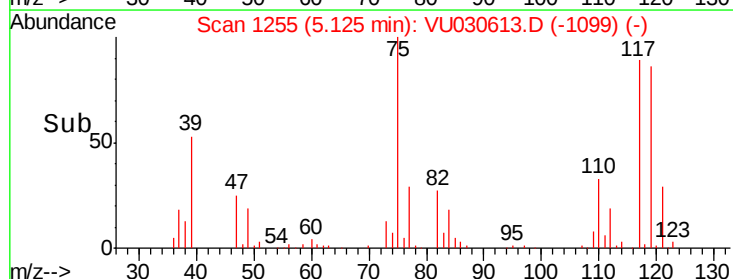
117 100

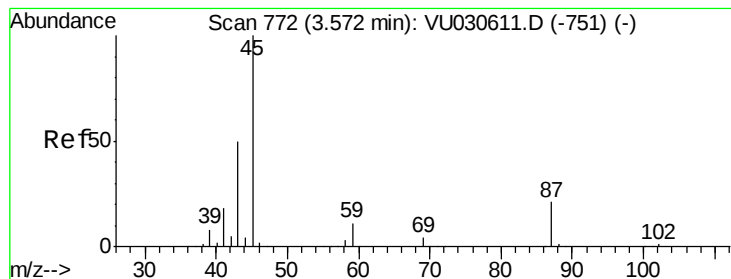
119 96.2 75.9 113.9

121 32.8 24.2 36.2



Abundance Ion 117.00 (116.70 to 117.70): VU030613.D (-1099) (-)





#31

Isopropyl Ether

Concen: 12.285 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

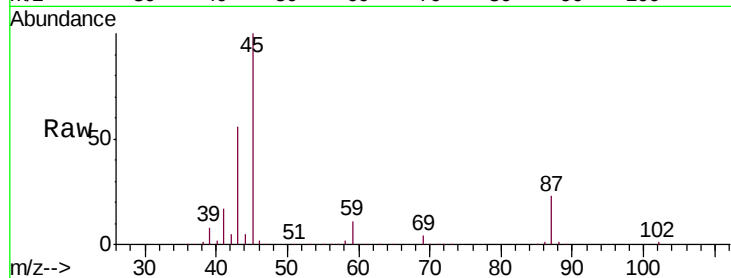
VBLK46

Tgt Ion: 45 Resp: 453218

Ion Ratio Lower Upper

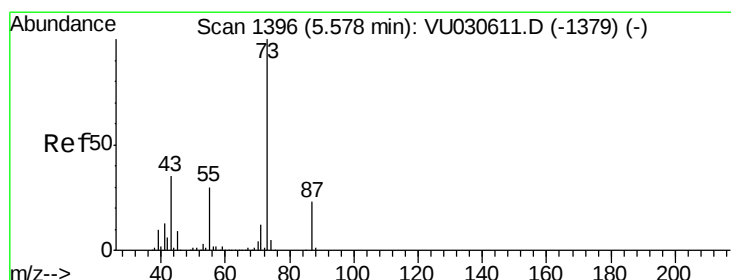
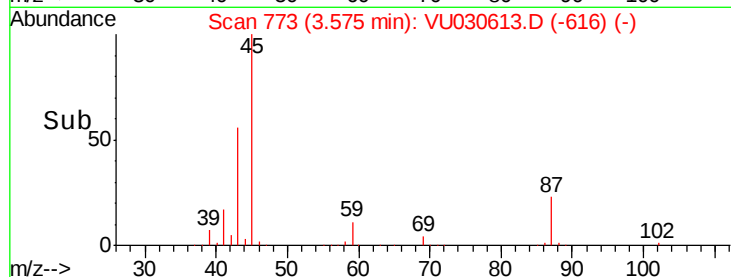
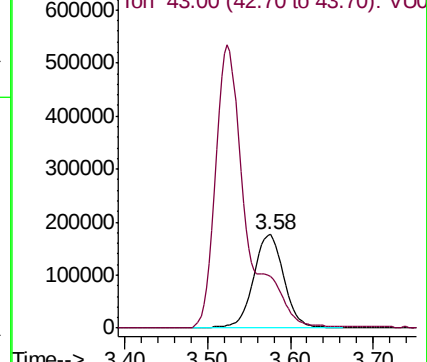
45 100

43 303.9 25.0 75.0#



Abundance Ion 45.00 (44.70 to 45.70): VU030613.D (-616) (-)

Ion 43.00 (42.70 to 43.70): VU030613.D (-616) (-)



#33

Tert-Amyl methyl ether

Concen: 0.362 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. -0.19 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

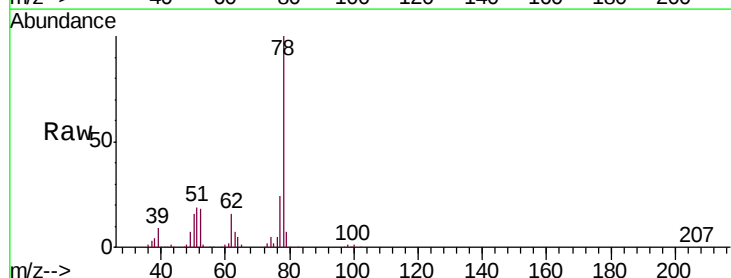
Tgt Ion: 73 Resp: 8799

Ion Ratio Lower Upper

73 100

87 244.2 18.7 28.1#

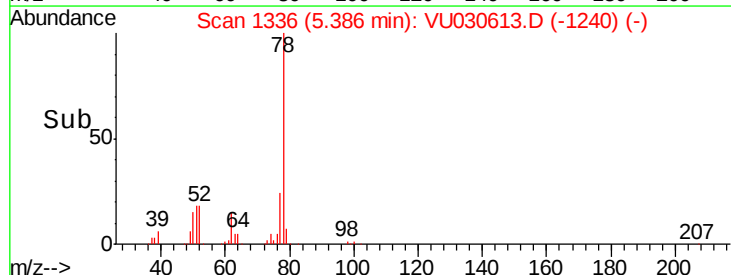
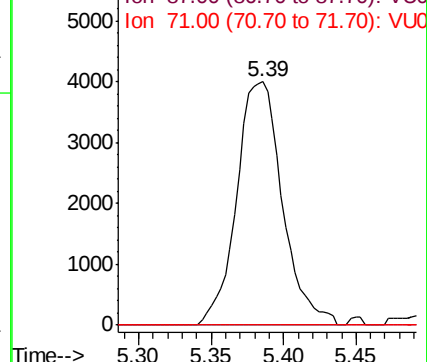
71 0.0 9.4 14.0#

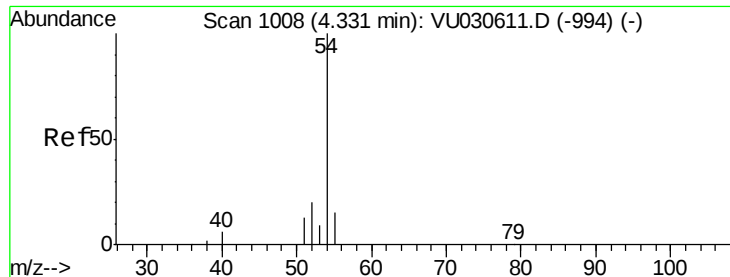


Abundance Ion 73.00 (72.70 to 73.70): VU030613.D (-1240) (-)

Ion 87.00 (86.70 to 87.70): VU030613.D (-1240) (-)

Ion 71.00 (70.70 to 71.70): VU030613.D (-1240) (-)

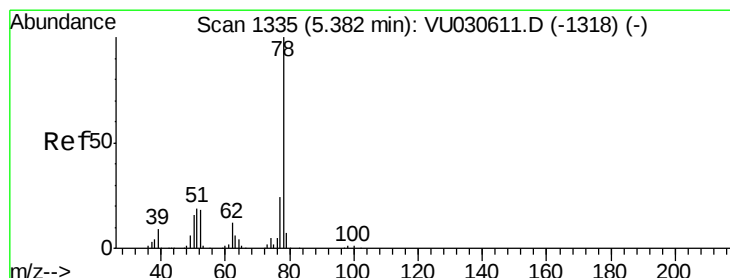
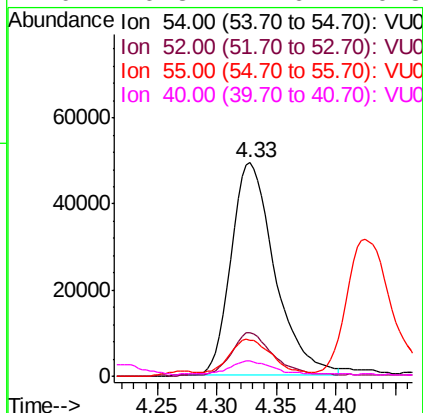
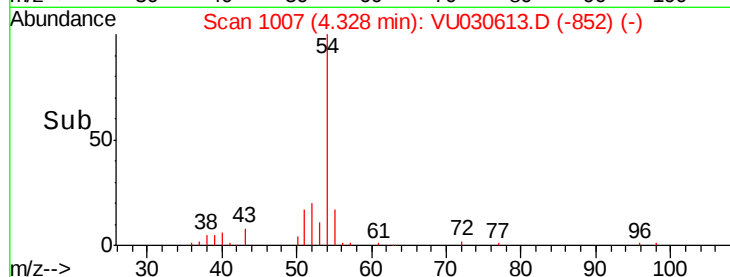
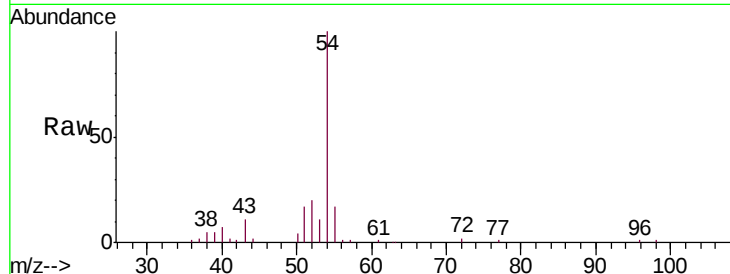




#34
 Propionitrile
 Concen: 131.622 ug/l
 RT: 4.33 min Scan# 1007
 Delta R.T. -0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

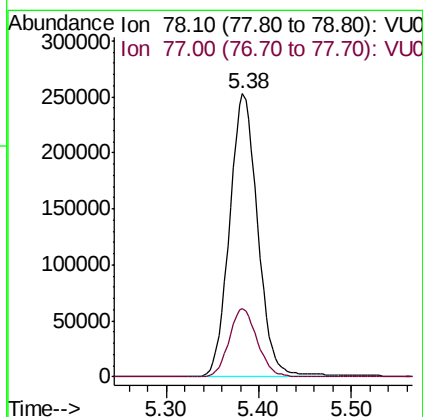
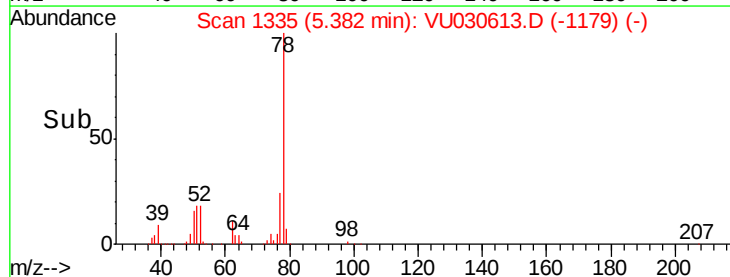
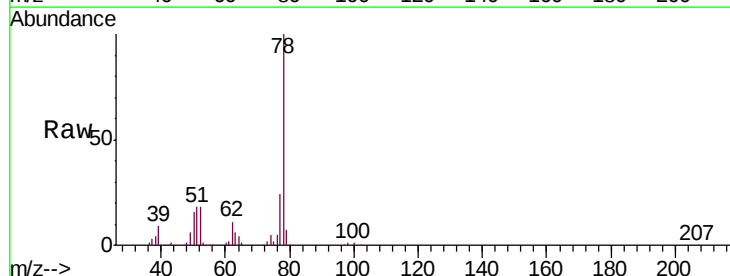
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

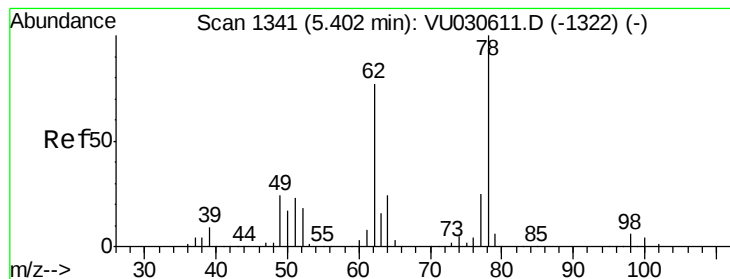
Tgt Ion:	54	Resp:	125781
Ion	Ratio	Lower	Upper
54	100		
52	20.3	15.3	22.9
55	16.7	11.4	17.0
40	6.3	4.6	6.8



#35
 Benzene
 Concen: 12.085 ug/l
 RT: 5.38 min Scan# 1335
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion:	78	Resp:	535604
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2





#36

1,2-Dichloroethane

Concen: 11.479 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

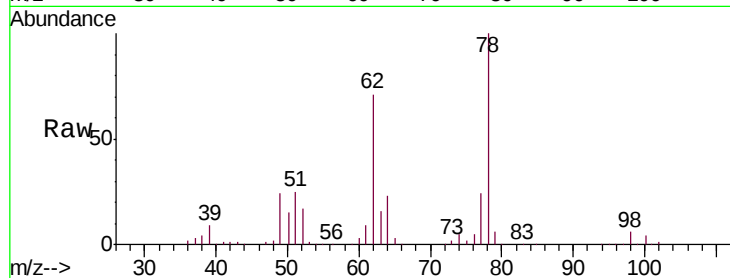
VBLK46

Tgt Ion: 62 Resp: 162338

Ion Ratio Lower Upper

62 100

98 8.5 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU030613.D (-1185) (-)

Ion 98.00 (97.70 to 98.70): VU030613.D (-1185) (-)

80000

60000

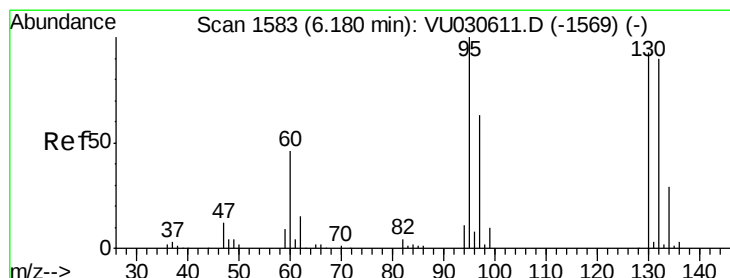
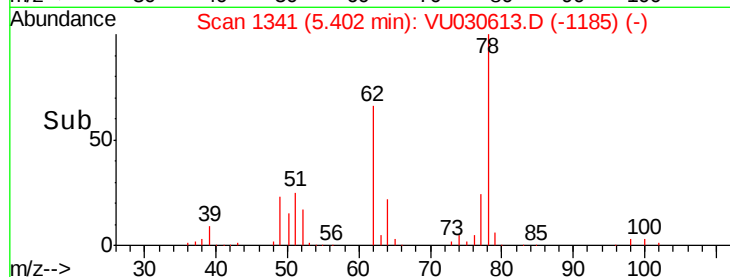
40000

20000

0

5.30 5.35 5.40 5.45 5.50

Time-->



#37

Trichloroethene

Concen: 11.726 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU030613.D

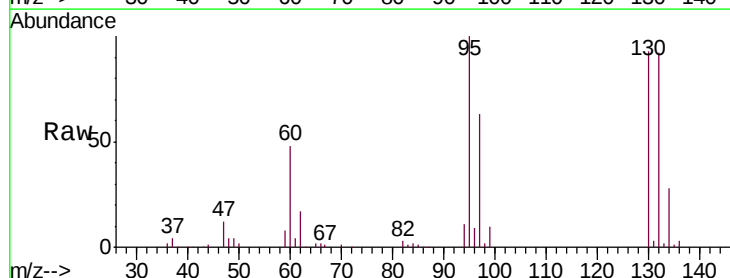
Acq: 02 Apr 2019 20:46

Tgt Ion: 130 Resp: 124744

Ion Ratio Lower Upper

130 100

95 107.7 85.7 128.5



Abundance Ion 129.90 (129.60 to 130.60): VU030613.D (-1427) (-)

Ion 94.90 (94.60 to 95.60): VU030613.D (-1427) (-)

80000

60000

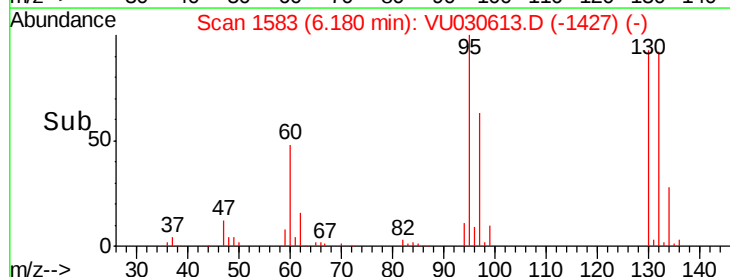
40000

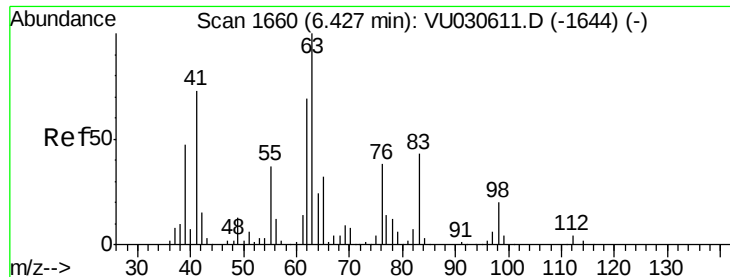
20000

0

6.10 6.15 6.20 6.25 6.30

Time-->

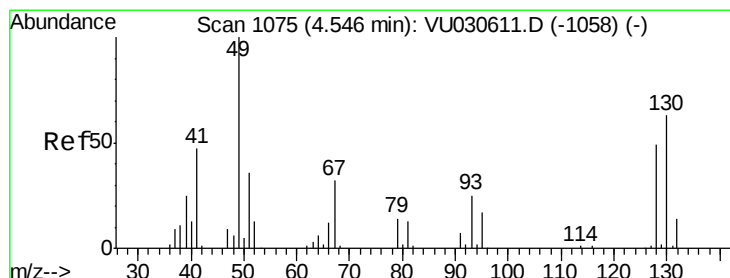
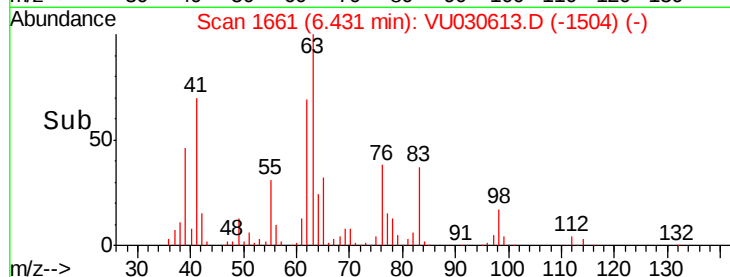
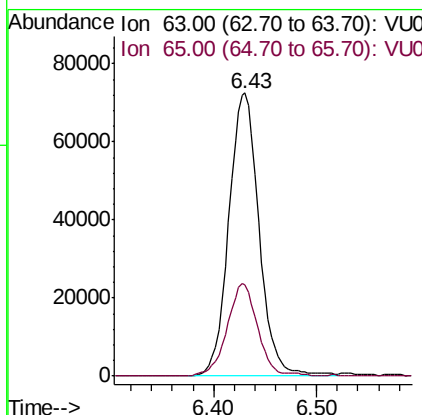
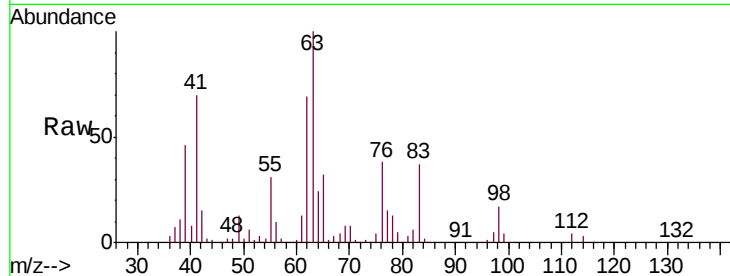




#38
 1,2-Dichloropropane
 Concen: 11.624 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

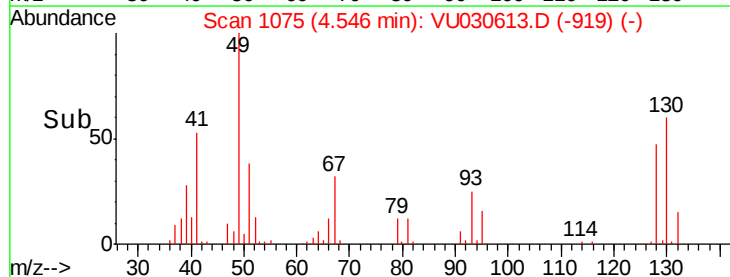
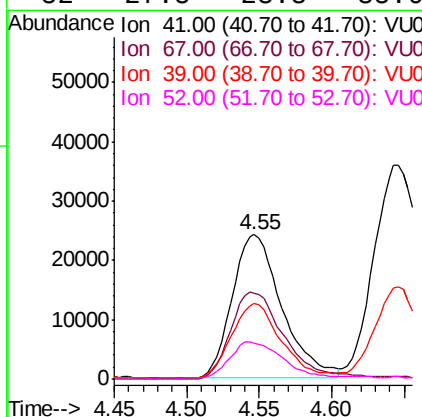
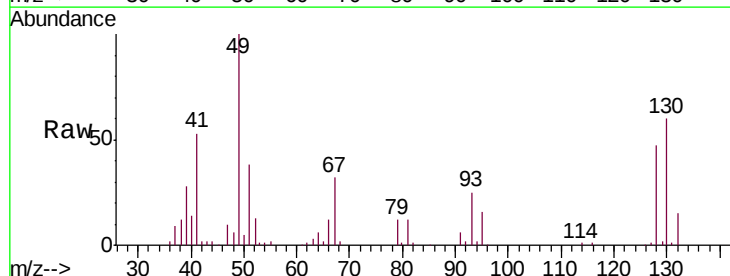
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

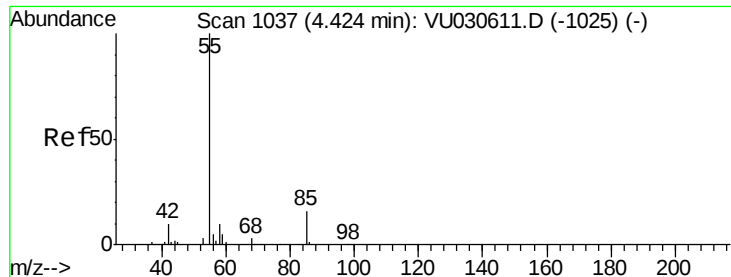
Tgt Ion: 63 Resp: 148401
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.5 38.3



#39
 Methacrylonitrile
 Concen: 12.131 ug/l
 RT: 4.55 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 41 Resp: 57696
 Ion Ratio Lower Upper
 41 100
 67 65.1 54.1 81.1
 39 51.9 41.7 62.5
 52 27.5 23.8 35.6

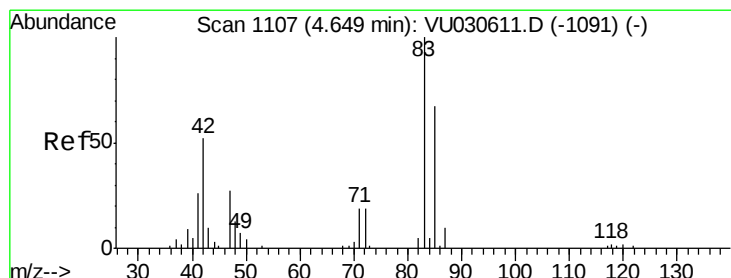
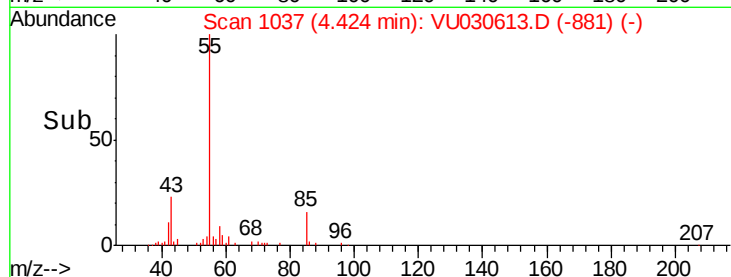
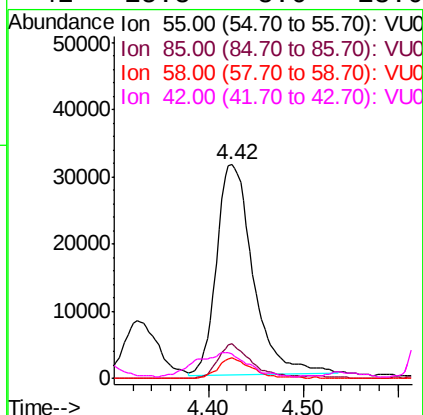
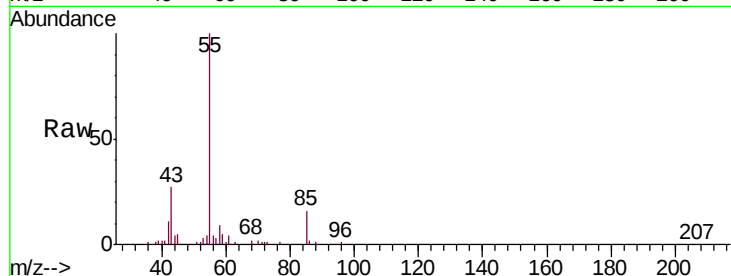




#40
Methyl acrylate
Concen: 14.432 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

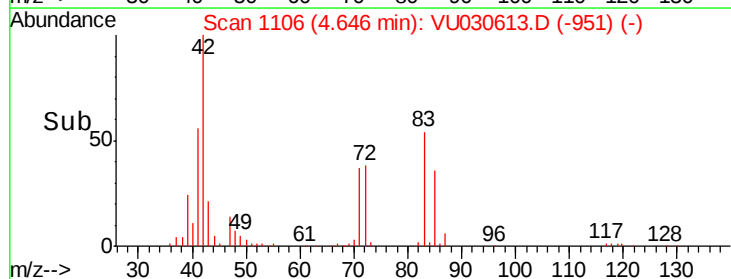
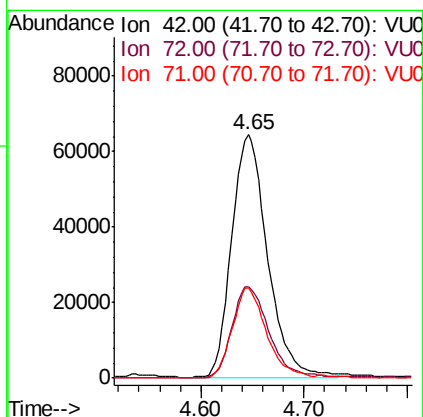
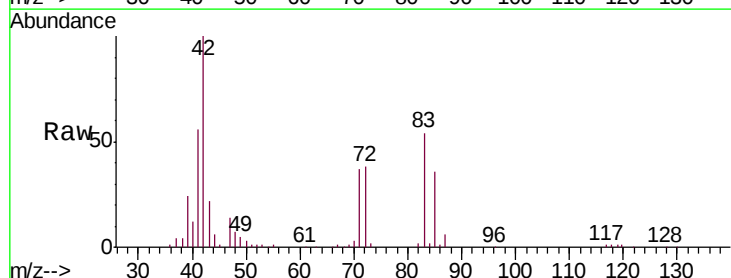
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

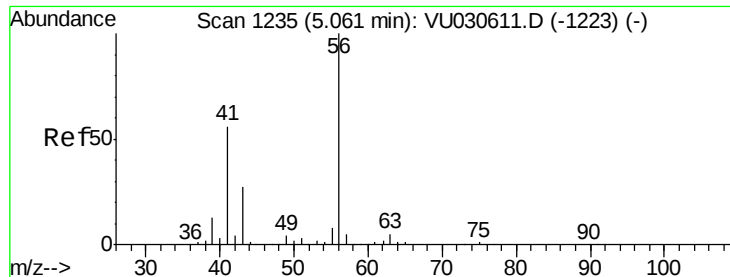
Tgt Ion:	55	Resp:	83708
Ion	Ratio	Lower	Upper
55	100		
85	15.1	12.5	18.7
58	8.6	7.5	11.3
42	15.8	8.6	13.0#



#41
Tetrahydrofuran
Concen: 60.456 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion:	42	Resp:	155330
Ion	Ratio	Lower	Upper
42	100		
72	38.9	29.8	44.8
71	35.6	27.7	41.5

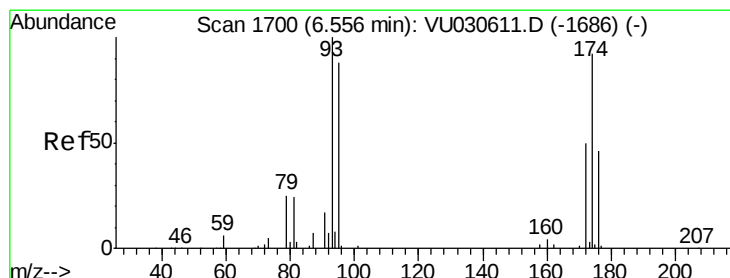
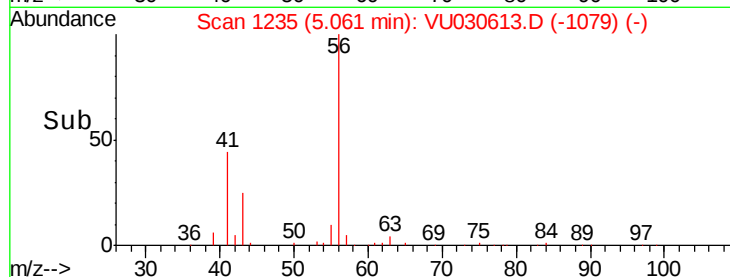
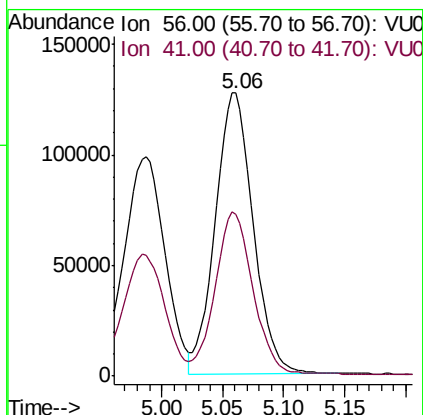
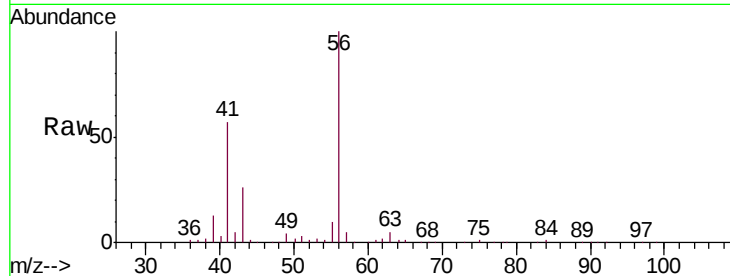




#42
 1-Chlorobutane
 Concen: 12.014 ug/l
 RT: 5.06 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

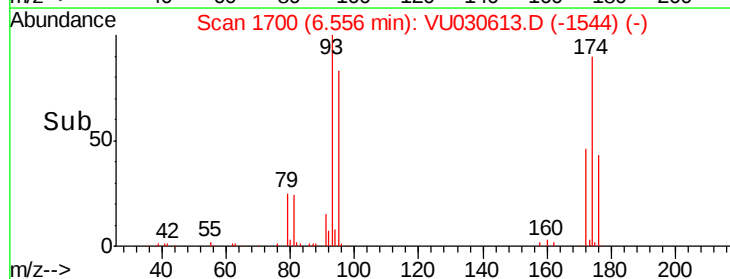
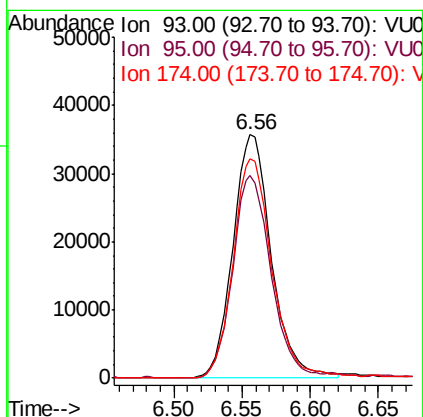
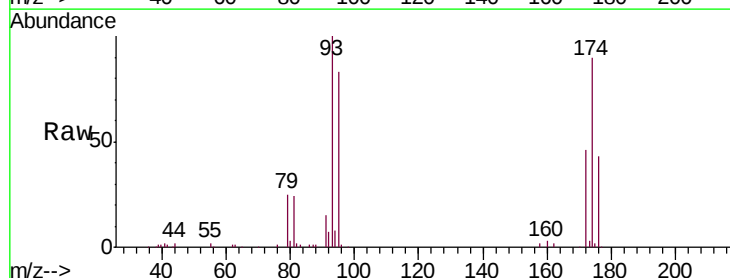
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK46

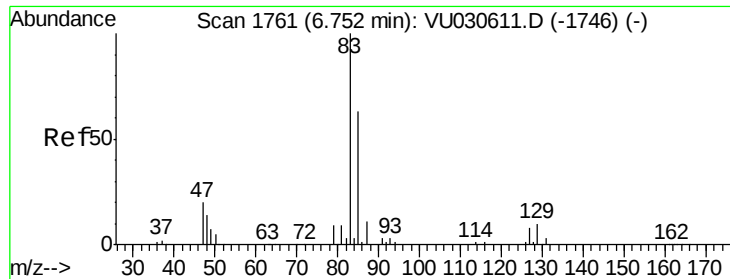
Tgt Ion: 56 Resp: 277352
 Ion Ratio Lower Upper
 56 100
 41 58.1 27.6 82.8



#43
 Dibromomethane
 Concen: 11.843 ug/l
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 93 Resp: 69805
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 91.2 70.3 105.5





#44

Bromodichloromethane

Concen: 11.712 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

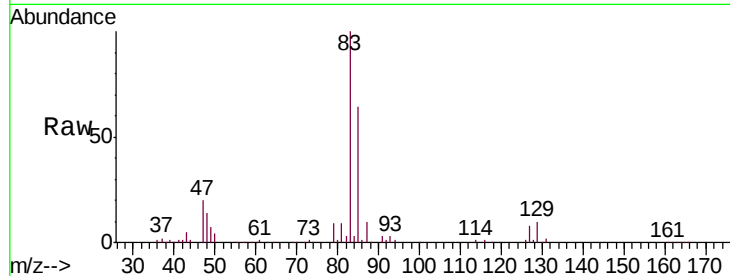
Tgt Ion: 83 Resp: 181606

Ion Ratio Lower Upper

83 100

85 64.3 50.6 76.0

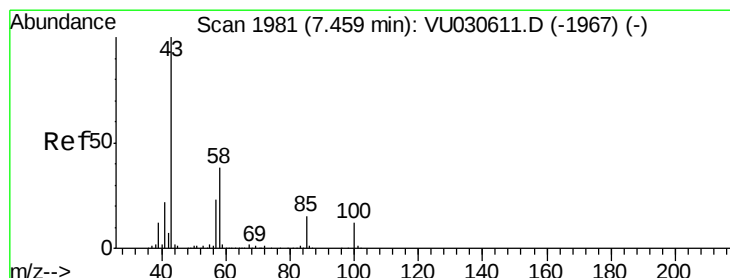
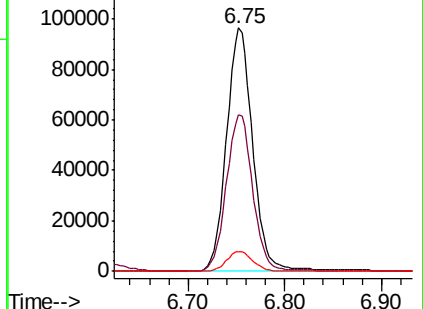
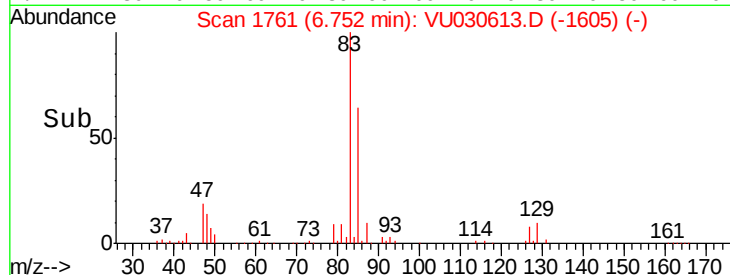
127 8.1 6.6 10.0



Abundance Ion 83.00 (82.70 to 83.70): VU030613.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VU030613.D (-1605) (-)

Ion 127.00 (126.70 to 127.70): VU030613.D (-1605) (-)



#45

4-Methyl-2-Pentanone

Concen: 61.223 ug/l

RT: 7.46 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

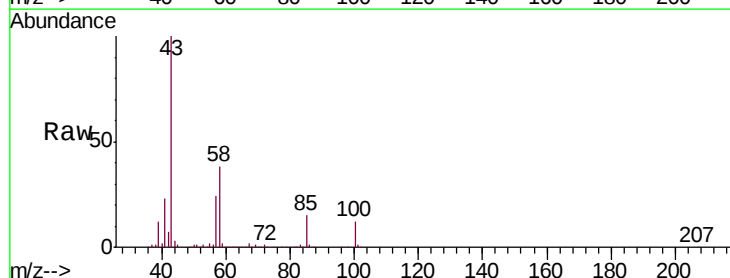
Tgt Ion: 43 Resp: 525625

Ion Ratio Lower Upper

43 100

58 37.0 18.6 55.8

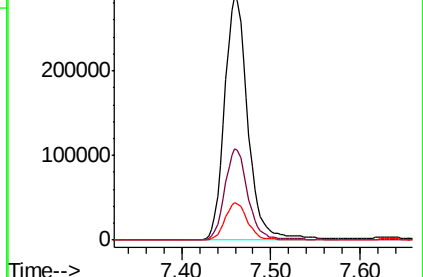
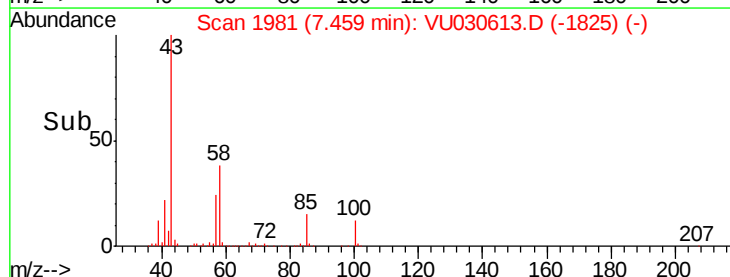
85 14.8 11.6 17.4

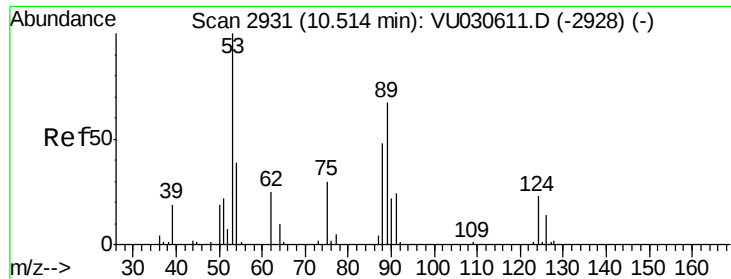


Abundance Ion 43.00 (42.70 to 43.70): VU030613.D (-1825) (-)

Ion 58.00 (57.70 to 58.70): VU030613.D (-1825) (-)

Ion 85.00 (84.70 to 85.70): VU030613.D (-1825) (-)

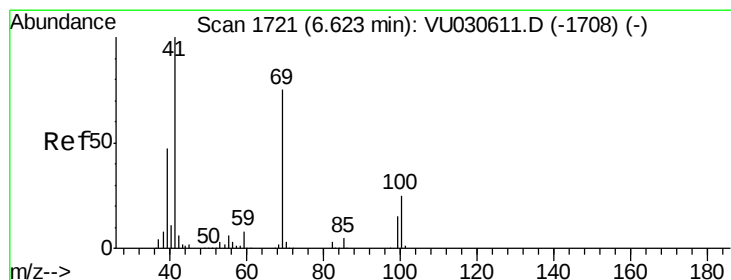
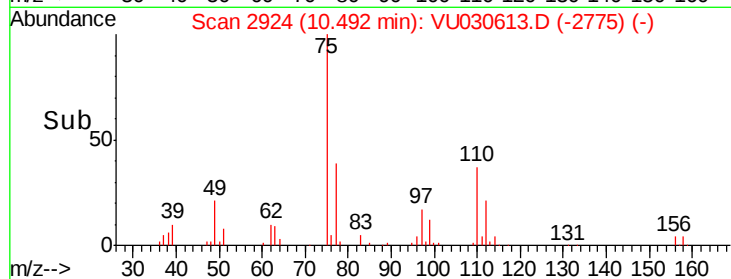
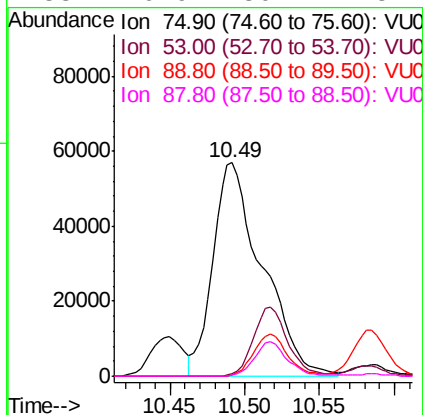
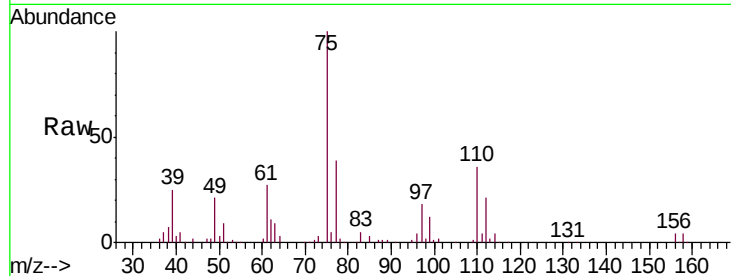




#46
t-1,4-Dichloro-2-butene
Concen: 44.437 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

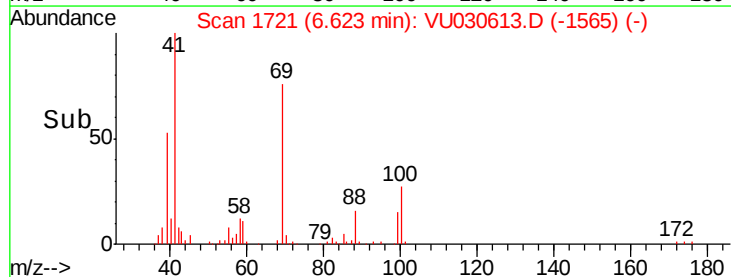
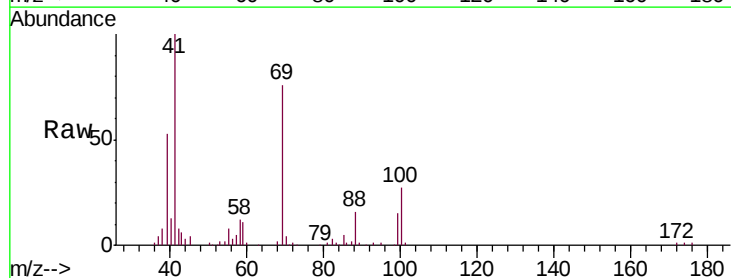
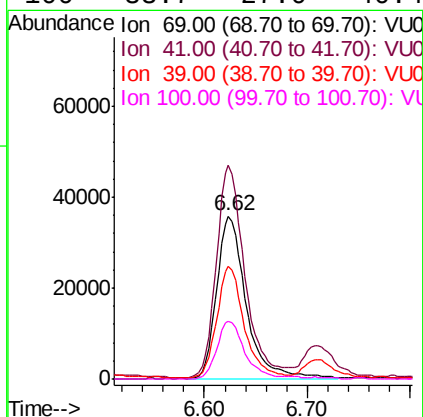
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

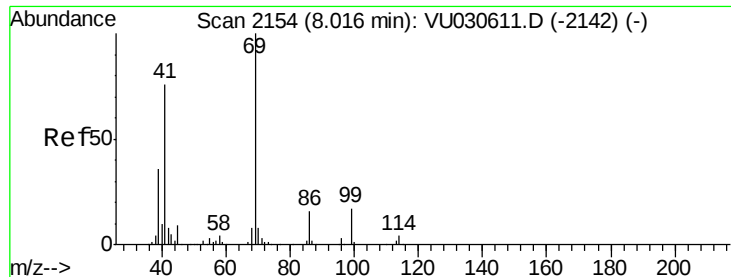
Tgt Ion: 75 Resp: 130162
Ion Ratio Lower Upper
75 100
53 22.8 64.3 96.5#
89 13.8 40.8 61.2#
88 10.9 30.2 45.2#



#47
Methyl methacrylate
Concen: 13.093 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 69 Resp: 70852
Ion Ratio Lower Upper
69 100
41 126.7 0.0 263.2
39 63.6 50.7 76.1
100 33.7 27.0 40.4

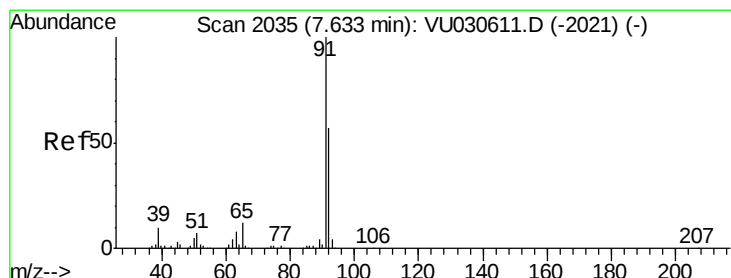
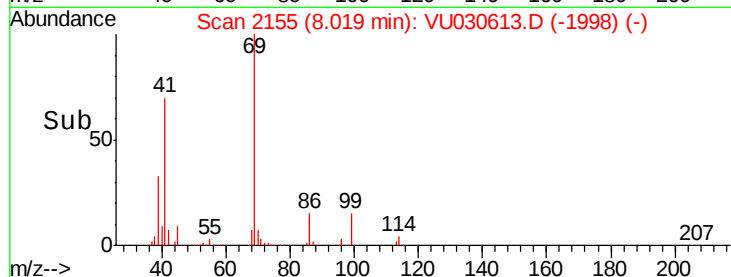
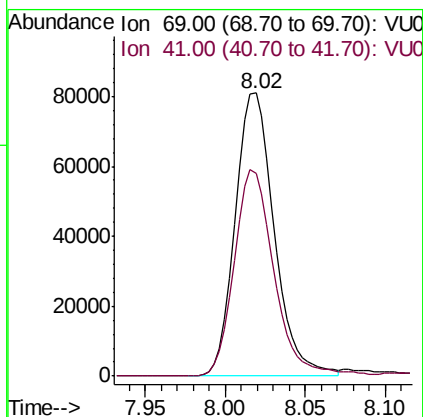
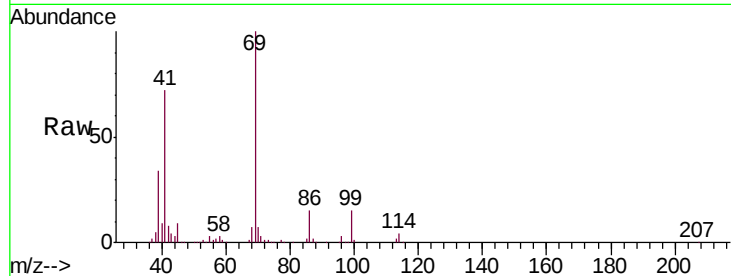




#48
Ethyl methacrylate
Concen: 13.364 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

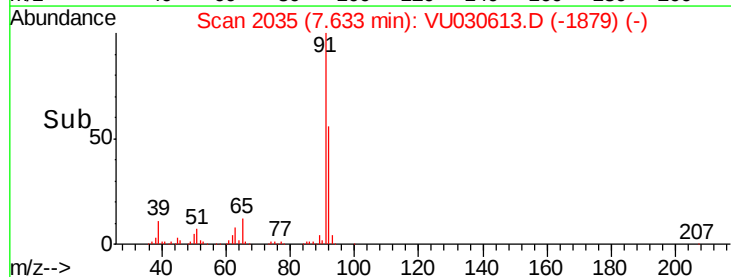
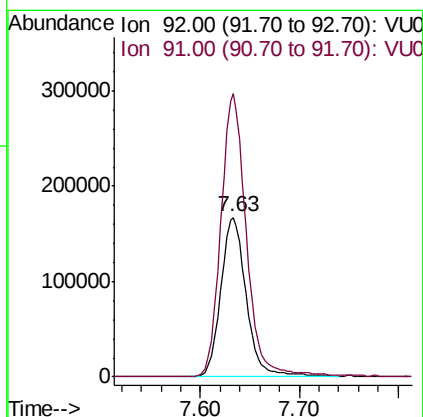
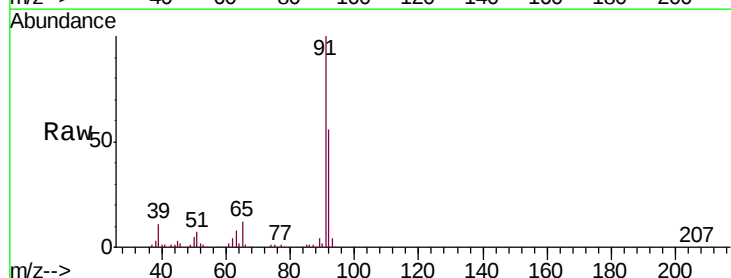
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

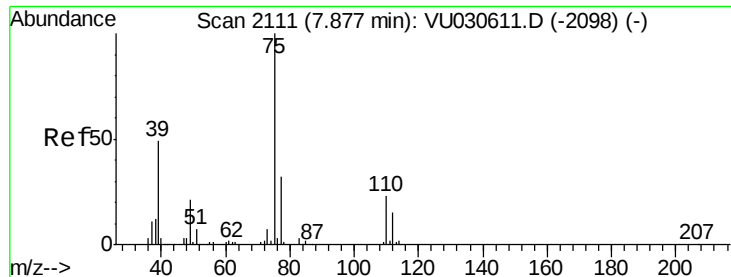
Tgt Ion: 69 Resp: 134663
Ion Ratio Lower Upper
69 100
41 74.3 37.3 111.9



#49
Toluene
Concen: 12.661 ug/l
RT: 7.63 min Scan# 2035
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 92 Resp: 305161
Ion Ratio Lower Upper
92 100
91 177.9 142.1 213.1

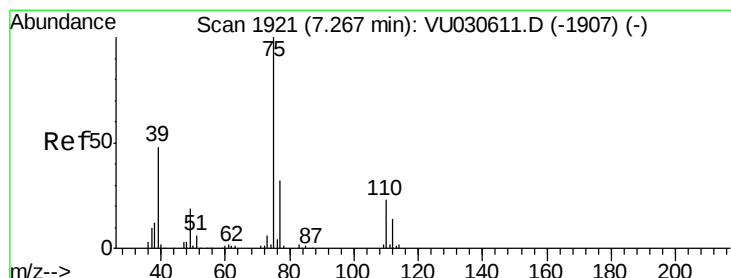
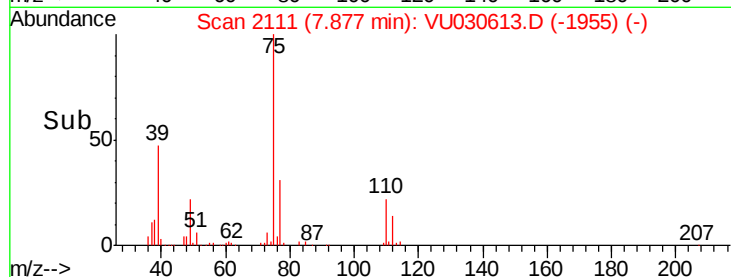
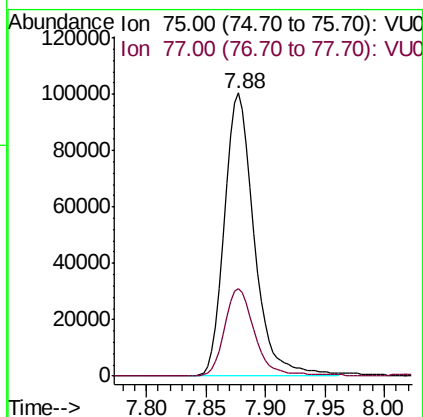
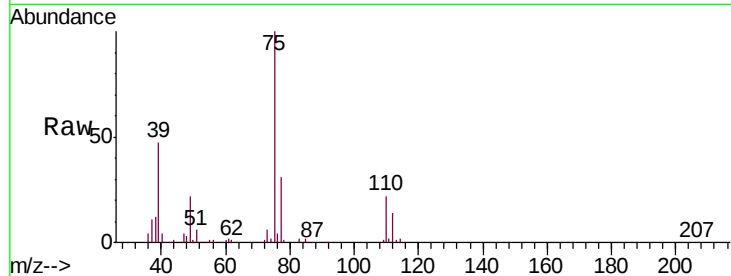




#50
 t-1,3-Dichloropropene
 Concen: 13.137 ug/l
 RT: 7.88 min Scan# 2111
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

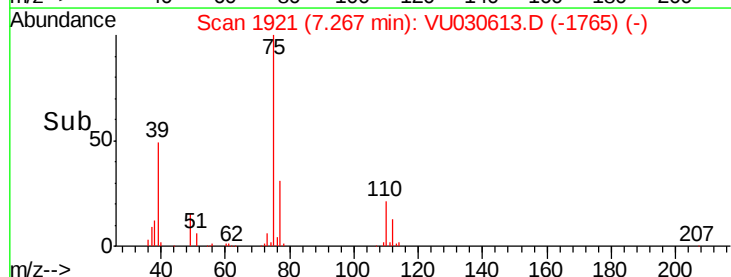
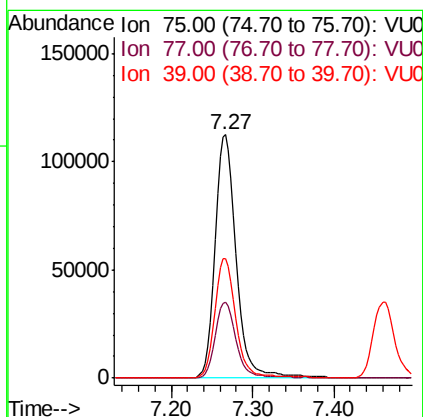
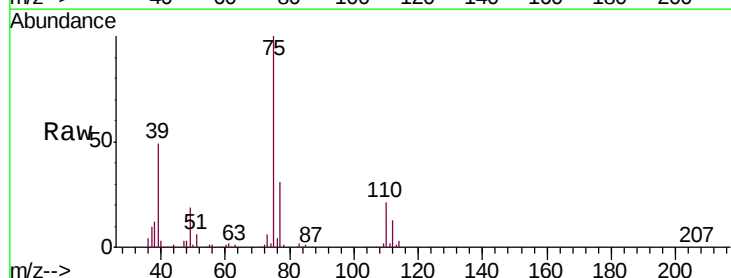
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

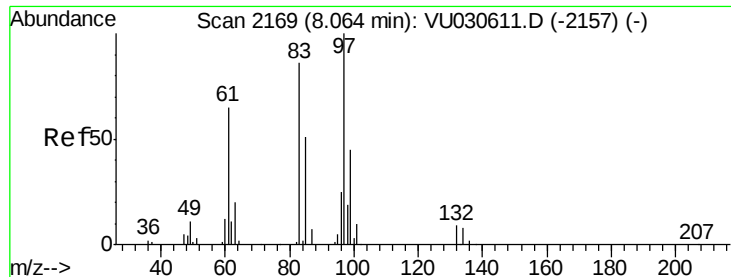
Tgt Ion: 75 Resp: 174917
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0



#51
 cis-1,3-Dichloropropene
 Concen: 12.922 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 75 Resp: 207704
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0
 39 49.3 38.5 57.7

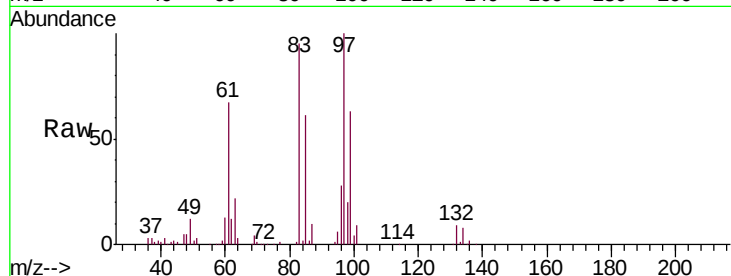




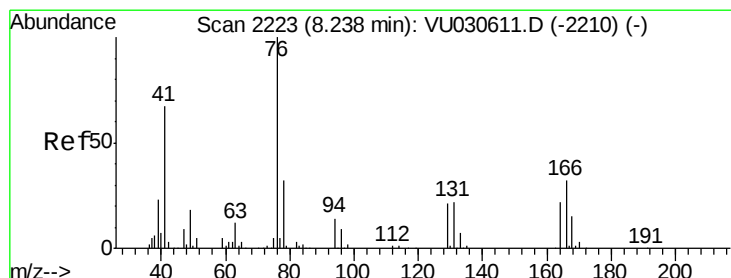
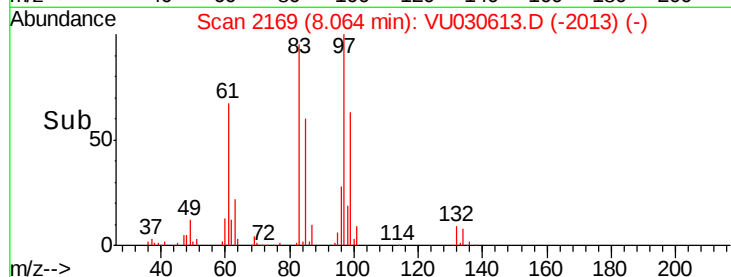
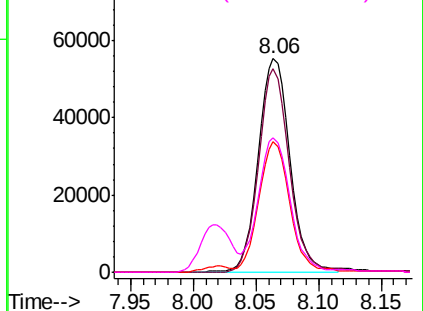
#52
 1,1,2-Trichloroethane
 Concen: 11.561 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tgt Ion: 97 Resp: 97554
 Ion Ratio Lower Upper
 97 100
 83 95.4 68.6 103.0
 85 60.7 41.8 62.8
 99 61.5 48.3 72.5

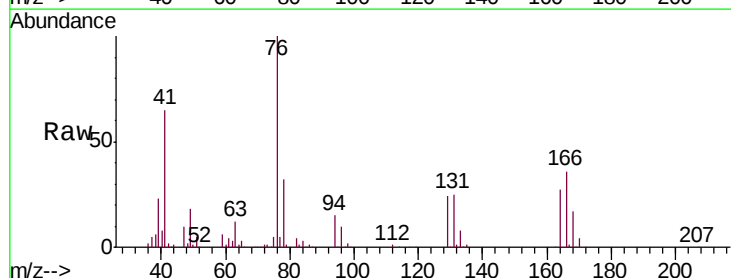


Abundance Ion 97.00 (96.70 to 97.70): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 84.95 (84.65 to 85.65): VU0
 Ion 98.95 (98.65 to 99.65): VU0

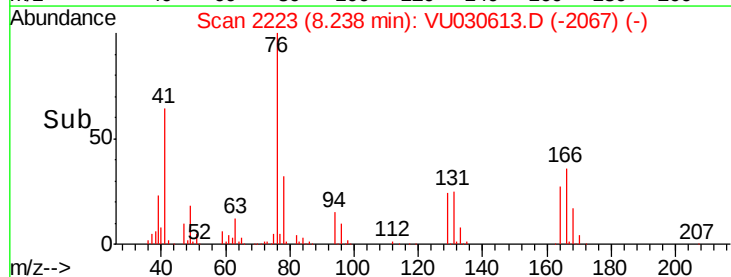
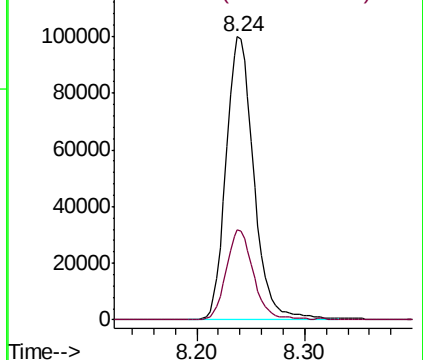


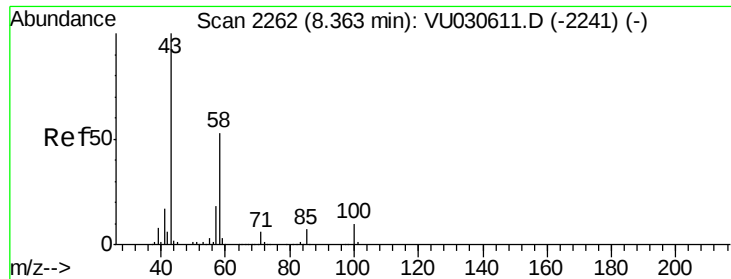
#53
 1,3-Dichloropropane
 Concen: 12.073 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 76 Resp: 179300
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.2 37.8



Abundance Ion 76.00 (75.70 to 76.70): VU0
 Ion 78.00 (77.70 to 78.70): VU0

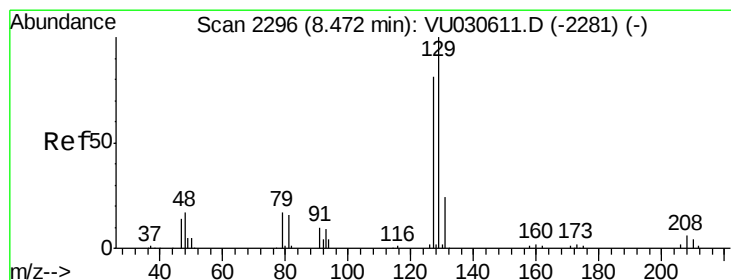
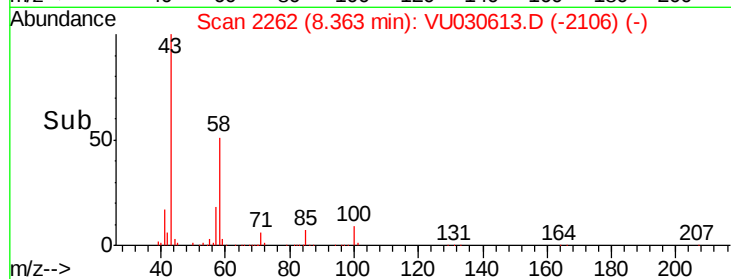
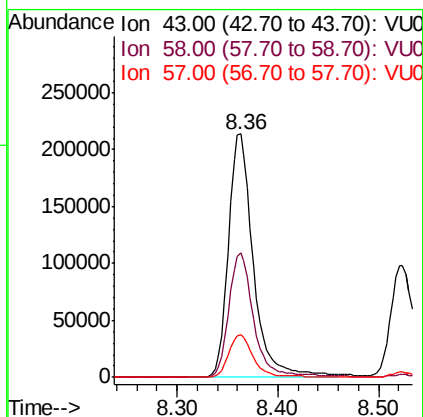
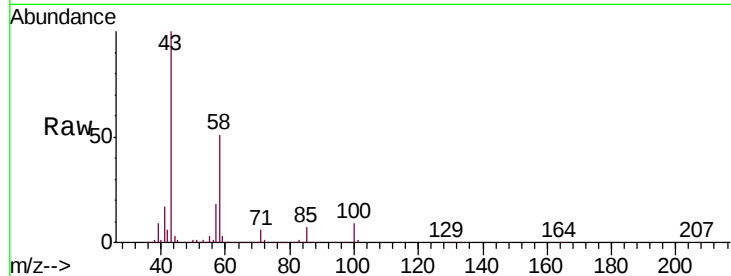




#54
2-Hexanone
Concen: 64.811 ug/l
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

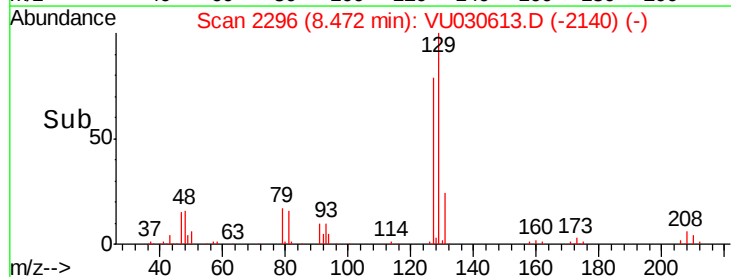
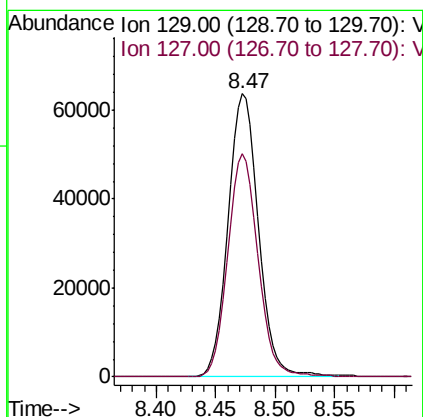
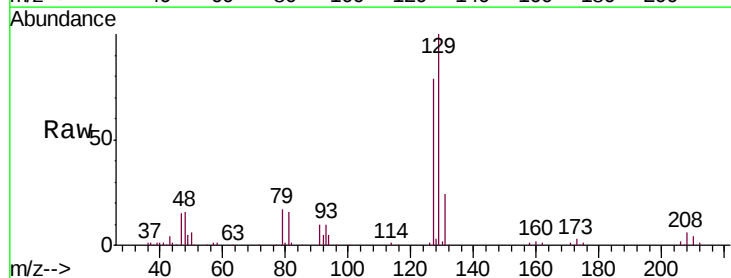
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

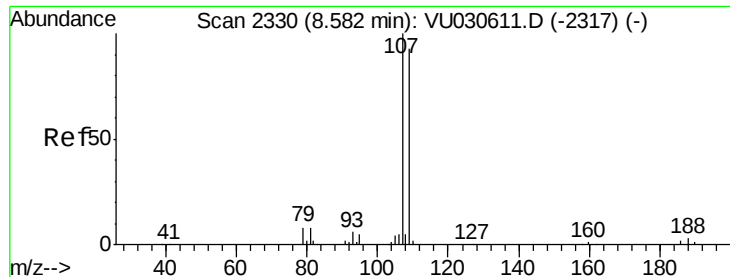
Tgt Ion: 43 Resp: 368839
Ion Ratio Lower Upper
43 100
58 51.7 33.1 73.1
57 17.1 0.0 38.1



#55
Dibromochloromethane
Concen: 11.883 ug/l
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 129 Resp: 113185
Ion Ratio Lower Upper
129 100
127 78.4 62.8 94.2

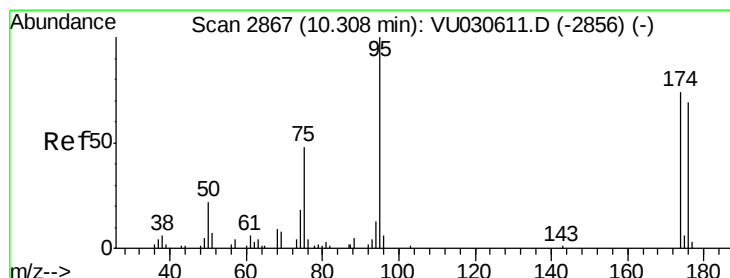
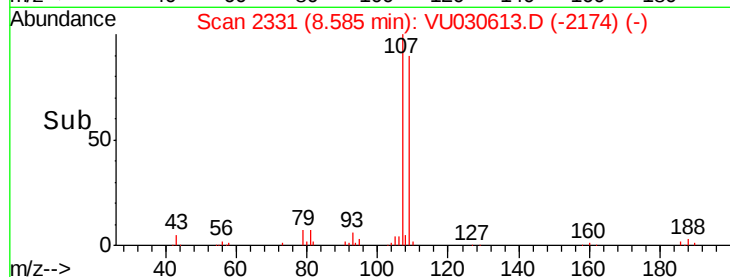
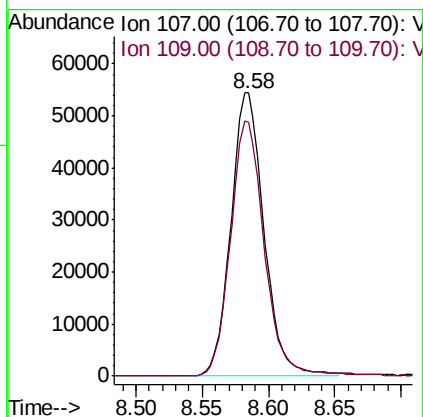
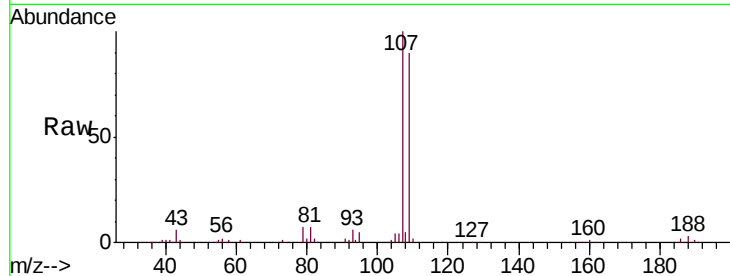




#56
 1,2-Dibromoethane
 Concen: 12.414 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

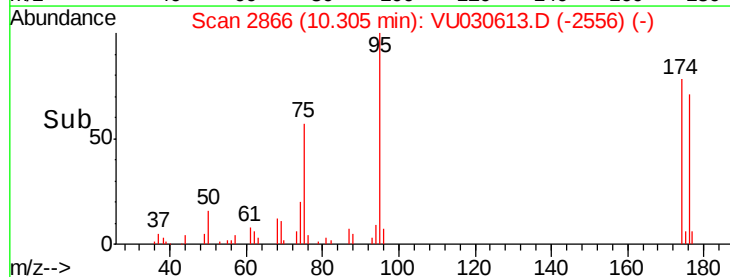
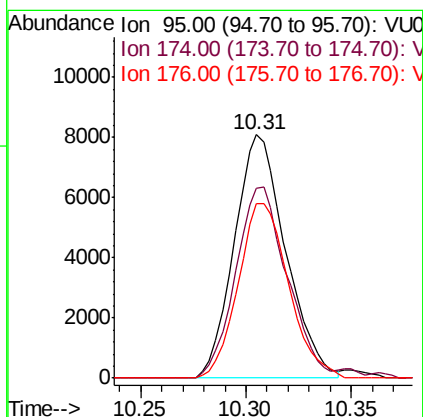
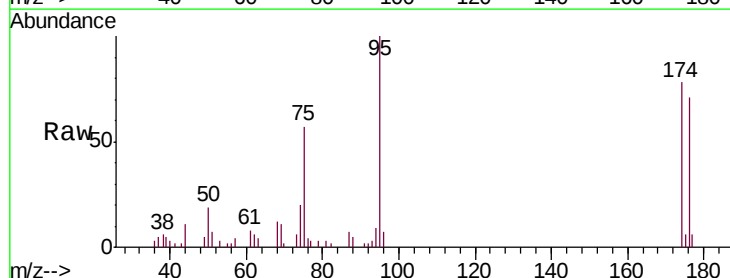
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

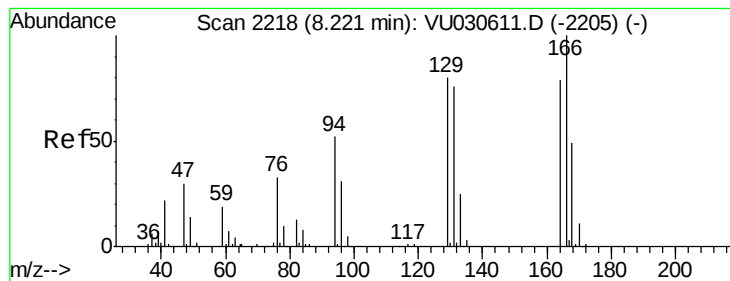
Tgt Ion: 107 Resp: 94319
 Ion Ratio Lower Upper
 107 100
 109 92.3 0.0 187.2



#57
 4-Bromofluorobenzene
 Concen: 12.414 ug/l
 RT: 10.31 min Scan# 2866
 Delta R.T. -0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion: 95 Resp: 13665
 Ion Ratio Lower Upper
 95 100
 174 78.5 59.1 88.7
 176 70.5 55.7 83.5





#58

Tetrachloroethene

Concen: 11.799 ug/l

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

Tgt Ion:164 Resp: 110508

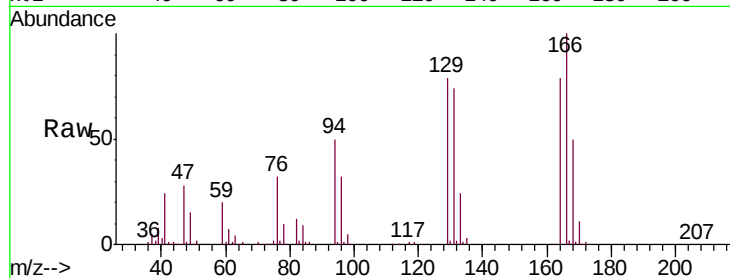
Ion Ratio Lower Upper

164 100

166 126.5 101.0 151.4

129 100.5 80.6 120.8

131 93.9 76.9 115.3



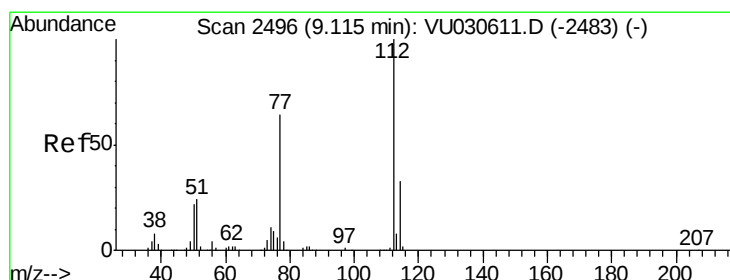
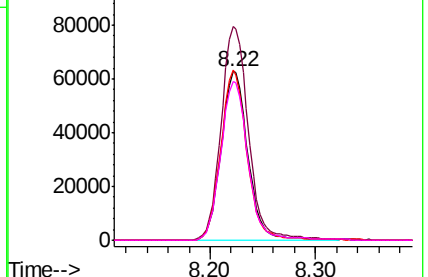
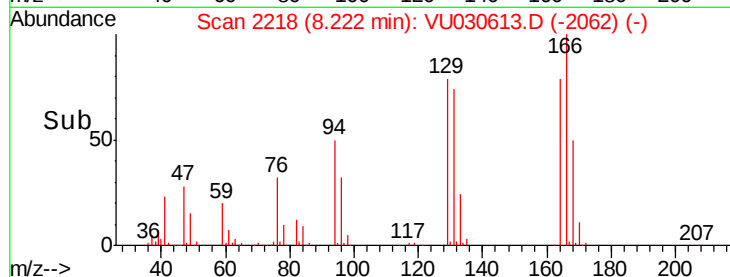
Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V

Time-->



#59

Chlorobenzene

Concen: 11.755 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU030613.D

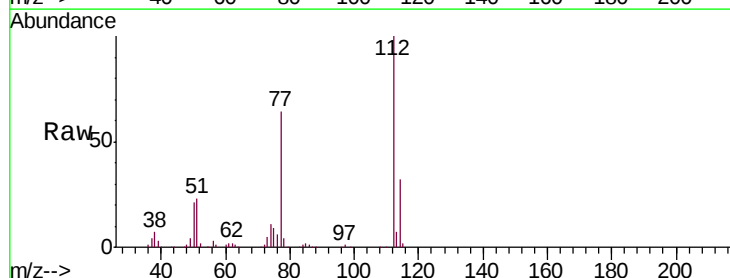
Acq: 02 Apr 2019 20:46

Tgt Ion:112 Resp: 308654

Ion Ratio Lower Upper

112 100

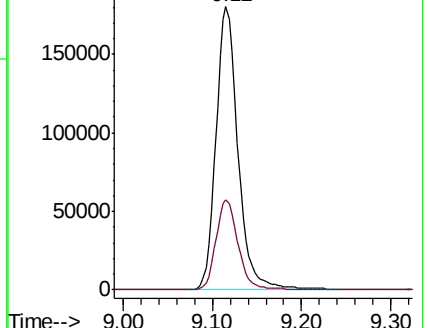
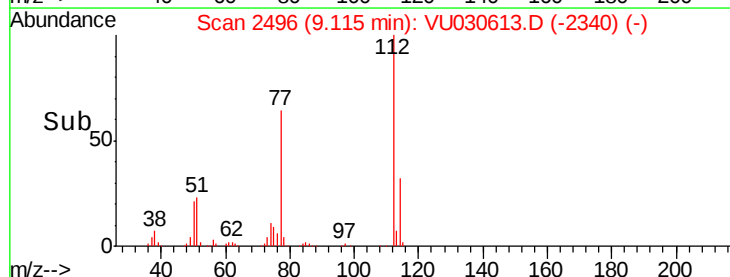
114 31.9 26.2 39.4

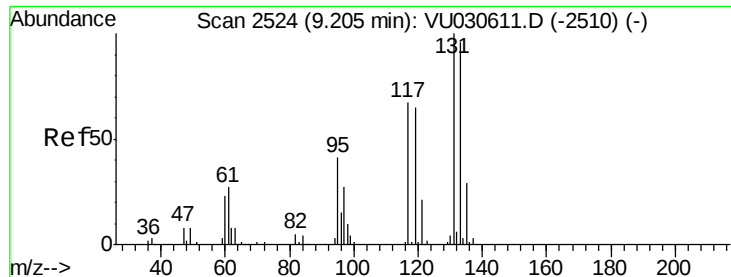


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Time-->

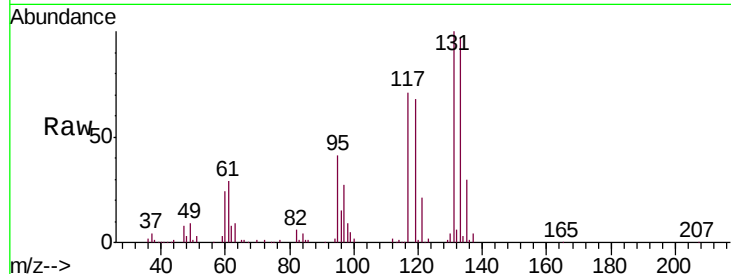




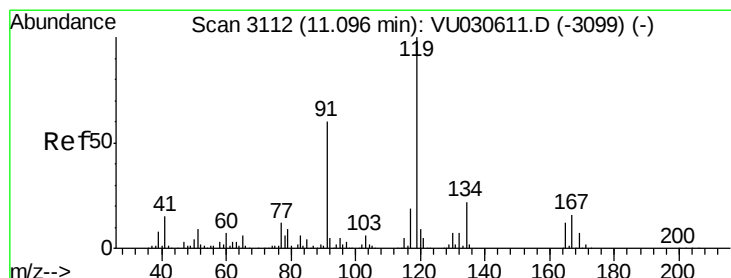
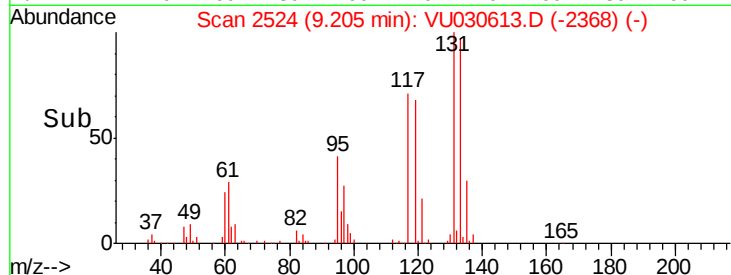
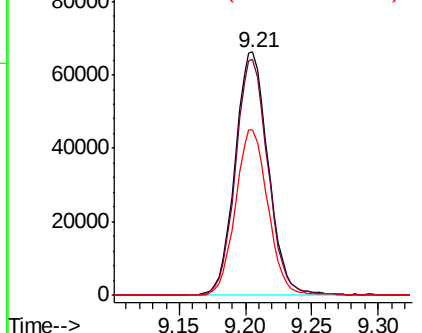
#60
 1,1,1,2-Tetrachloroethane
 Concen: 11.540 ug/l
 RT: 9.21 min Scan# 2524
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tgt Ion:131 Resp: 114843
 Ion Ratio Lower Upper
 131 100
 133 95.6 75.0 112.6
 119 66.8 52.2 78.2

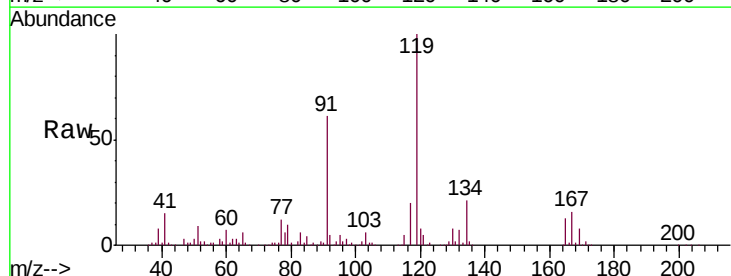


Abundance Ion 131.00 (130.70 to 131.70): V
 Ion 133.00 (132.70 to 133.70): V
 Ion 119.00 (118.70 to 119.70): V

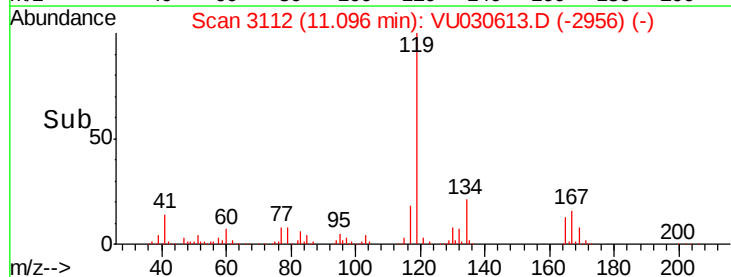
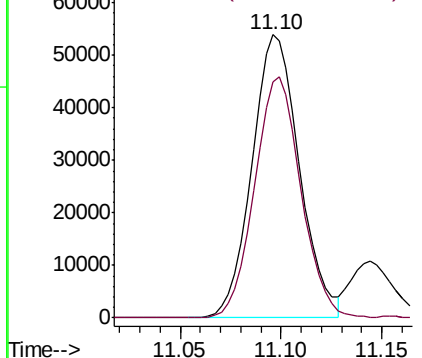


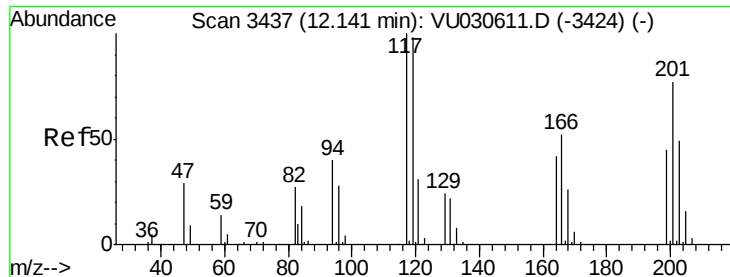
#61
 Pentachloroethane
 Concen: 11.615 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion:117 Resp: 88662
 Ion Ratio Lower Upper
 117 100
 167 82.9 65.6 98.4



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 166.70 (166.40 to 167.40): V





#62

Hexachloroethane

Concen: 11.728 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

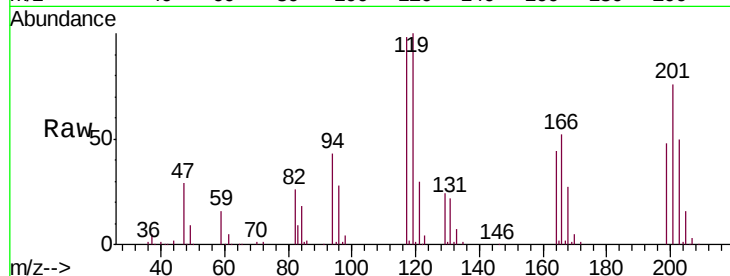
VBLK46

Tgt Ion:117 Resp: 84699

Ion Ratio Lower Upper

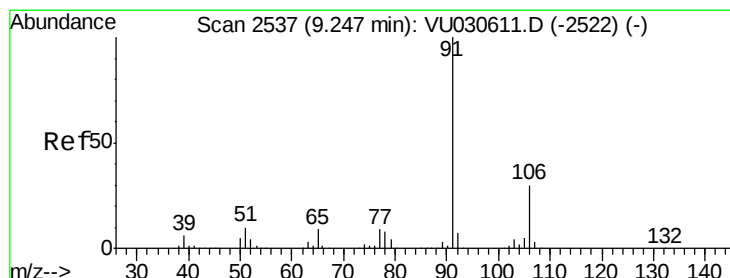
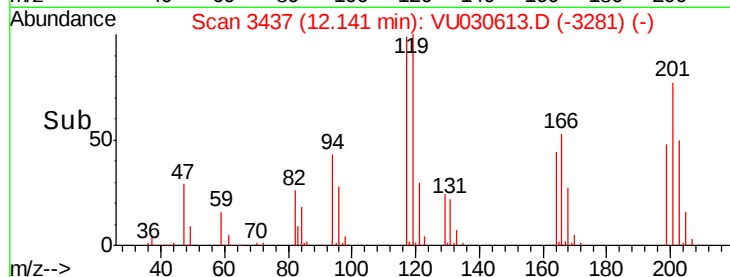
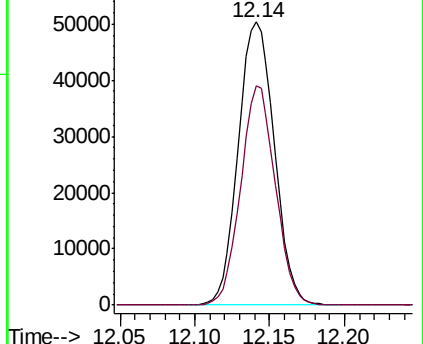
117 100

201 74.1 60.5 90.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V



#63

Ethyl Benzene

Concen: 13.292 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU030613.D

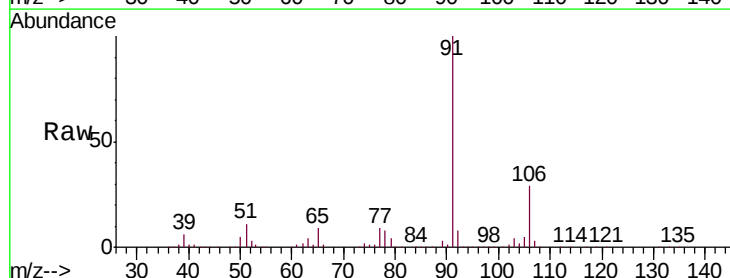
Acq: 02 Apr 2019 20:46

Tgt Ion: 91 Resp: 583260

Ion Ratio Lower Upper

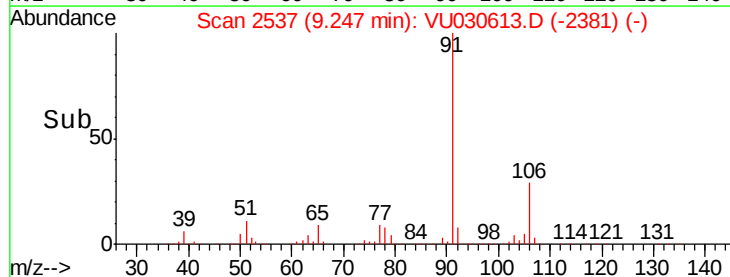
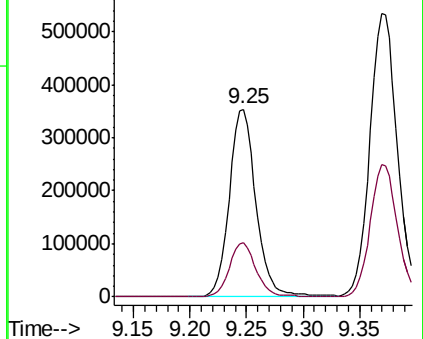
91 100

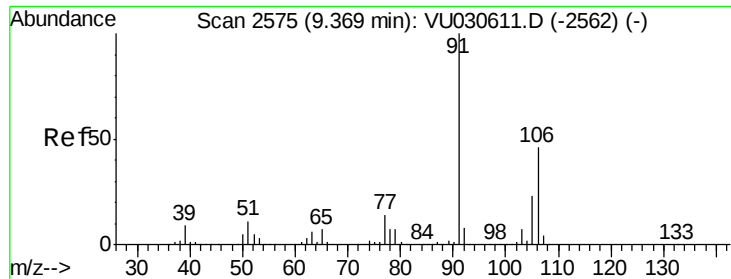
106 28.8 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





#64

m/p-Xylenes

Concen: 26.588 ug/l

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

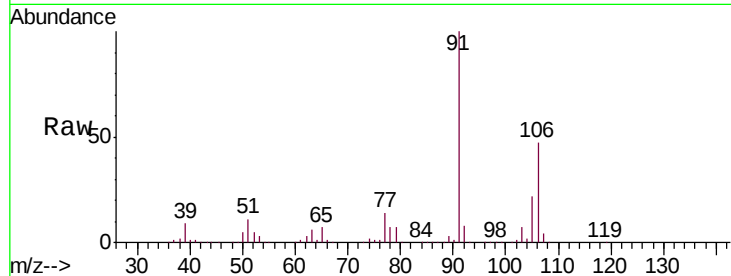
VBLK46

Tgt Ion:106 Resp: 420880

Ion Ratio Lower Upper

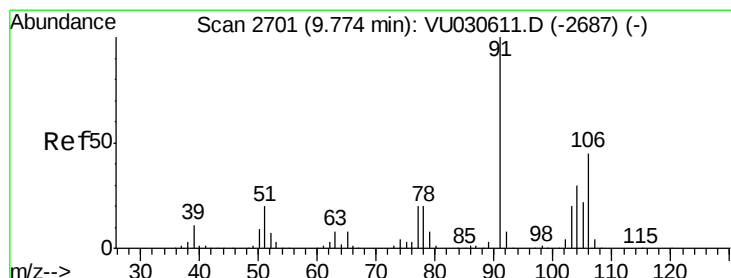
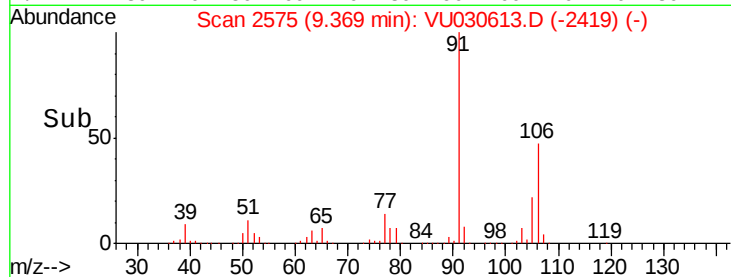
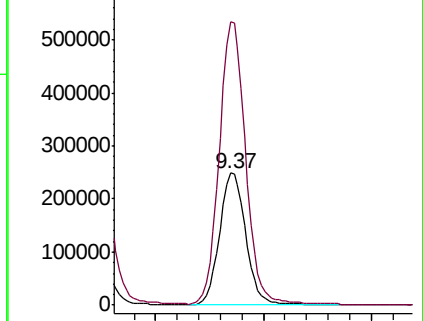
106 100

91 214.9 173.8 260.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#65

o-Xylene

Concen: 12.839 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU030613.D

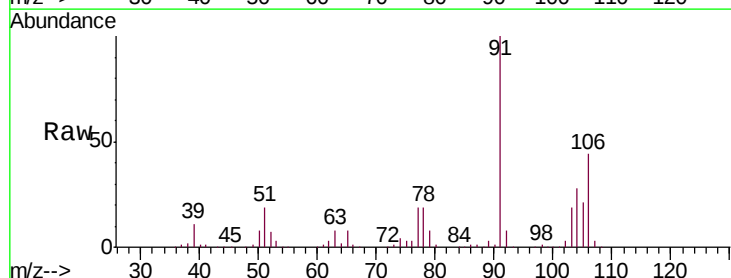
Acq: 02 Apr 2019 20:46

Tgt Ion:106 Resp: 199133

Ion Ratio Lower Upper

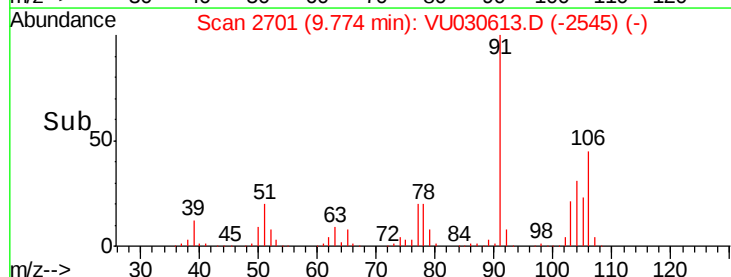
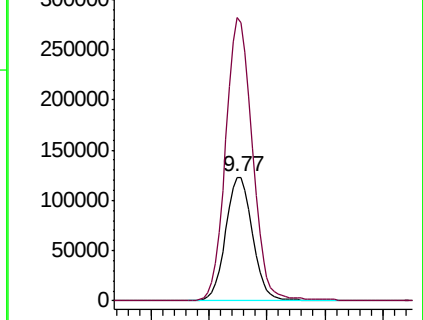
106 100

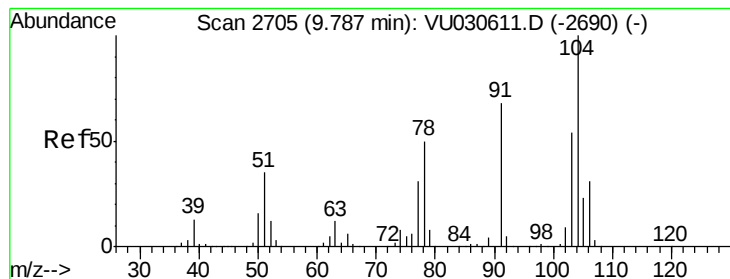
91 227.5 111.8 335.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0





#66

Styrene

Concen: 13.472 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampled :

VBLK46

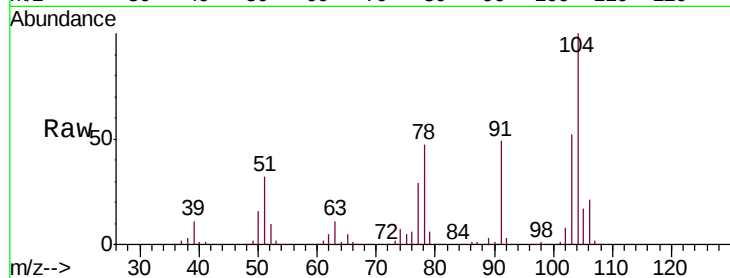
Tgt Ion:104 Resp: 360057

Ion Ratio Lower Upper

104 100

78 52.1 43.0 64.6

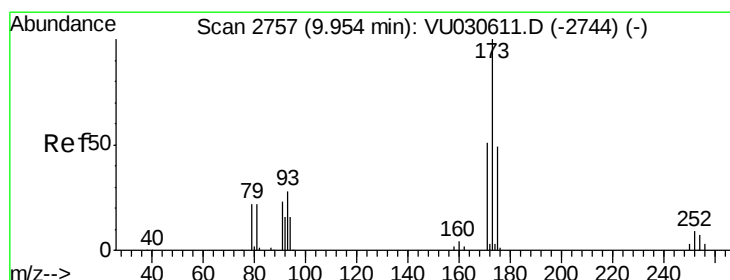
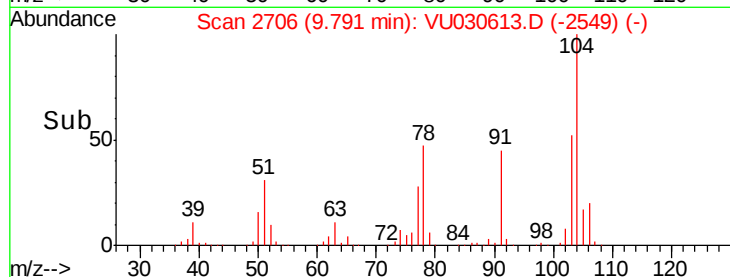
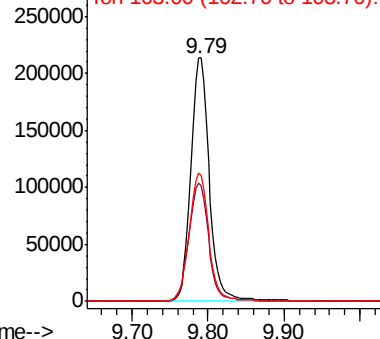
103 55.4 45.6 68.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): V



#67

Bromoform

Concen: 11.901 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

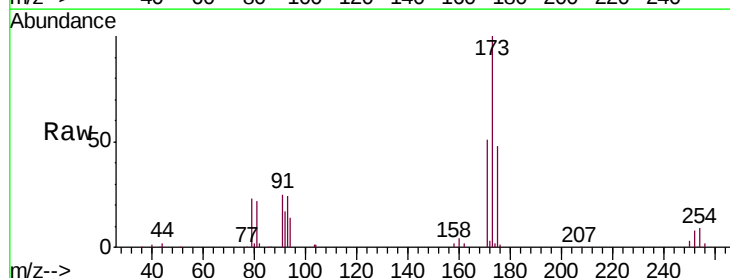
Tgt Ion:173 Resp: 64571

Ion Ratio Lower Upper

173 100

175 48.0 39.2 58.8

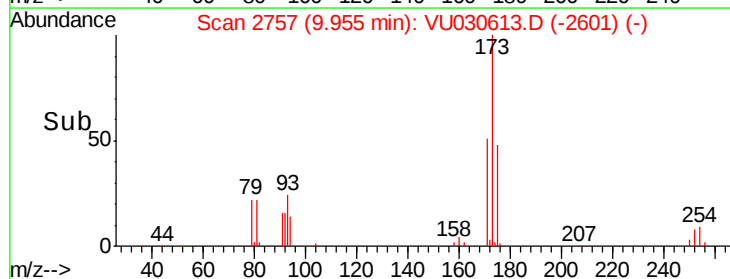
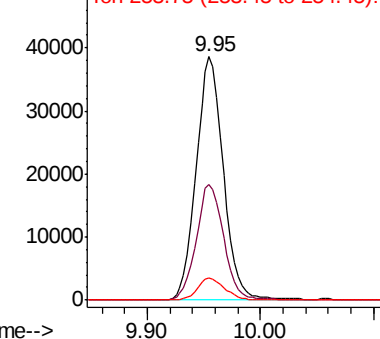
254 8.9 6.4 9.6

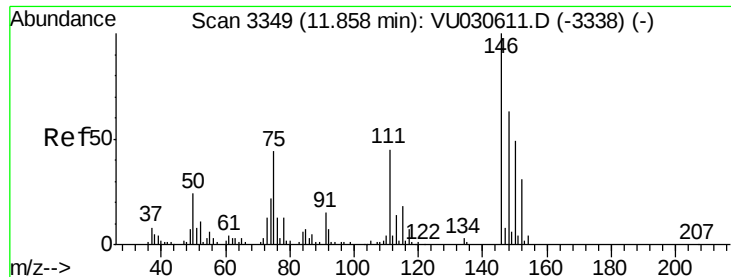


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

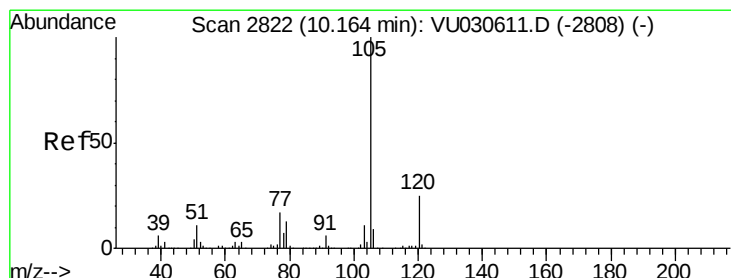
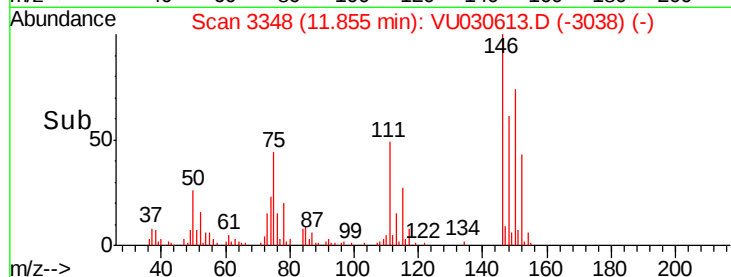
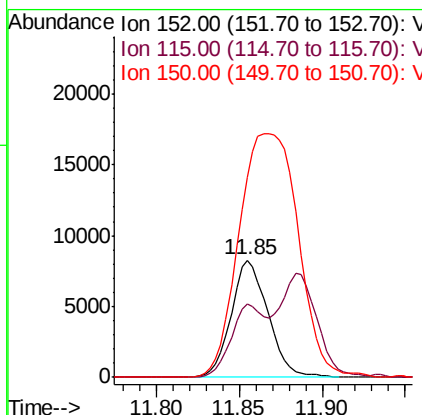
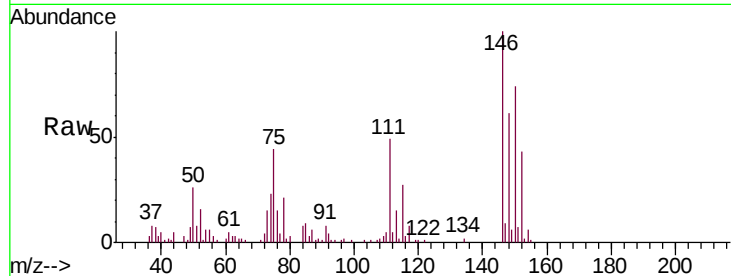




#68
 1,2-Dichlorobenzene-d4
 Concen: 11.901 ug/l
 RT: 11.85 min Scan# 3348
 Delta R.T. -0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

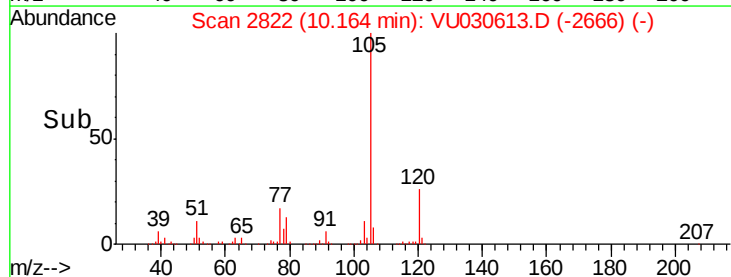
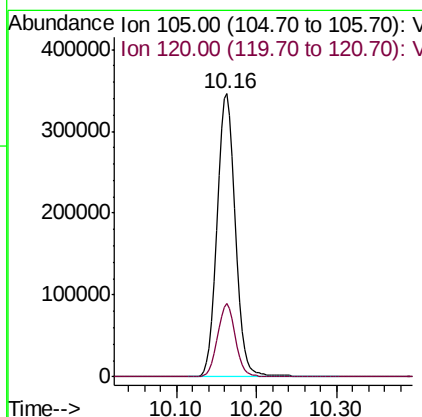
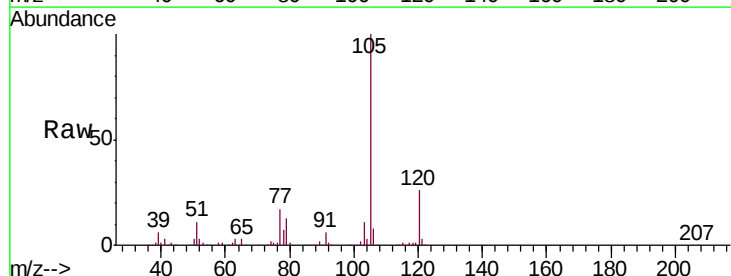
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK46

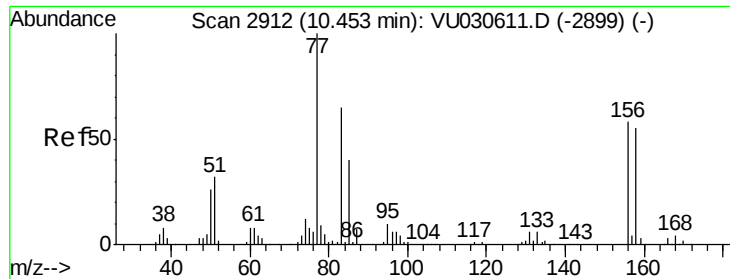
Tgt Ion:152 Resp: 12785
 Ion Ratio Lower Upper
 152 100
 115 58.8 0.0 122.4
 150 334.1 0.0 595.2



#69
 Isopropylbenzene
 Concen: 13.360 ug/l
 RT: 10.16 min Scan# 2822
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion:105 Resp: 553333
 Ion Ratio Lower Upper
 105 100
 120 25.4 12.5 37.5





#70

1,1,2,2-Tetrachloroethane

Concen: 11.539 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

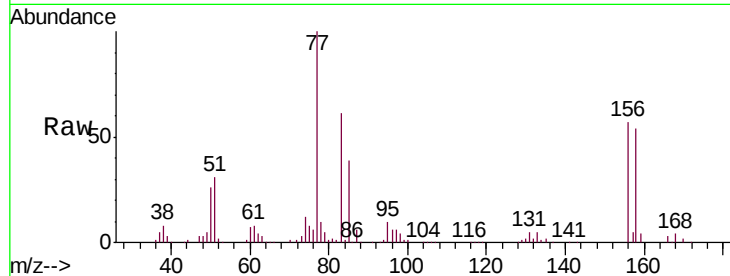
Tgt Ion: 83 Resp: 128830

Ion Ratio Lower Upper

83 100

131 9.1 7.5 11.3

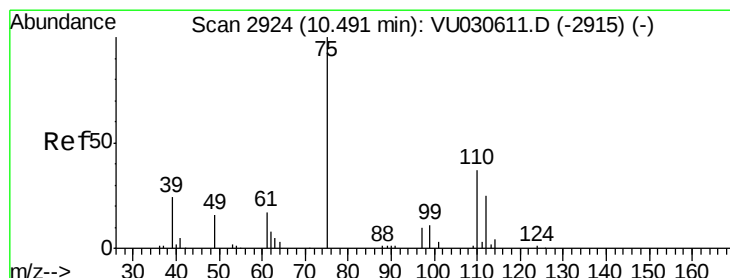
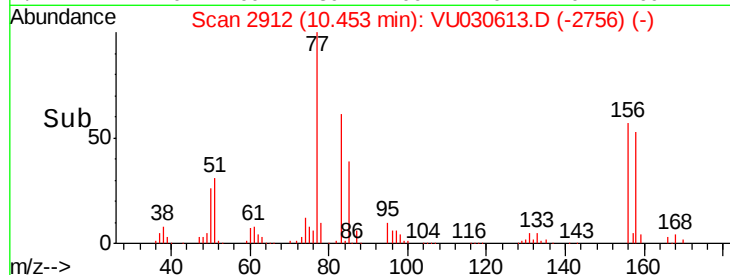
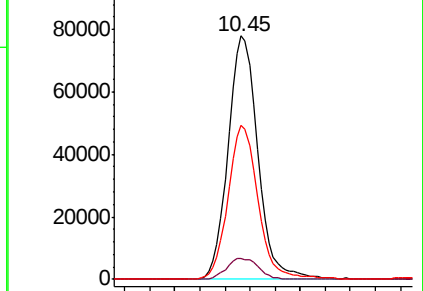
85 63.8 50.0 75.0



Abundance Ion 83.00 (82.70 to 83.70): VU030611.D (-2899) (-)

Ion 131.00 (130.70 to 131.70): VU030611.D (-2899) (-)

Ion 85.00 (84.70 to 85.70): VU030611.D (-2899) (-)



#71

1,2,3-Trichloropropane

Concen: 15.430 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Tgt Ion: 75 Resp: 130162

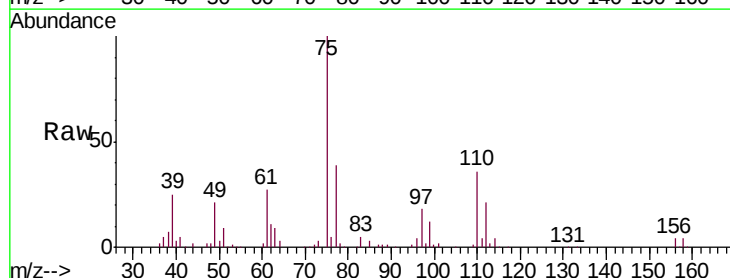
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 26.1 0.0 67.8

97 13.1 0.0 35.2

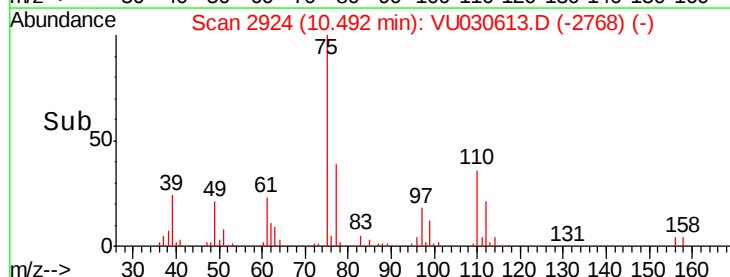
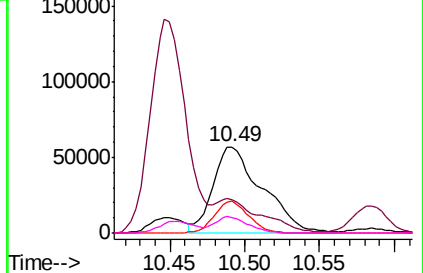


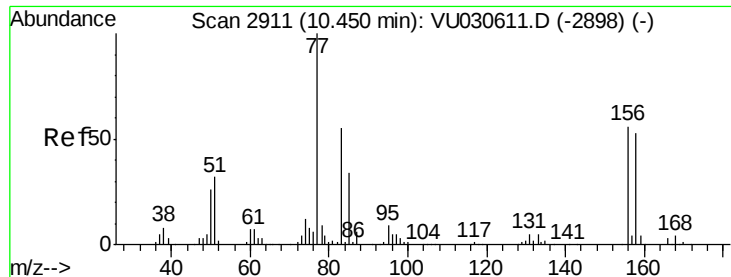
Abundance Ion 75.00 (74.70 to 75.70): VU030611.D (-2915) (-)

Ion 77.00 (76.70 to 77.70): VU030611.D (-2915) (-)

Ion 110.00 (109.70 to 110.70): VU030611.D (-2915) (-)

Ion 97.00 (96.70 to 97.70): VU030611.D (-2915) (-)





#72

Bromobenzene

Concen: 12.178 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

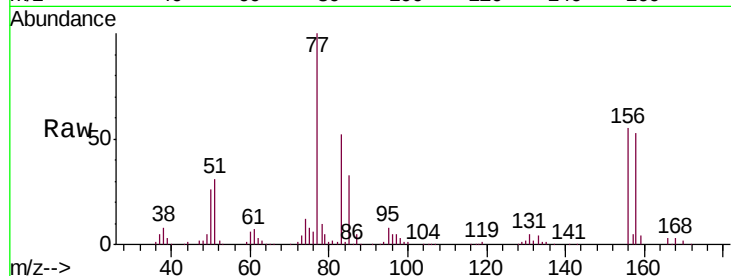
Tgt Ion:156 Resp: 125835

Ion Ratio Lower Upper

156 100

77 187.0 0.0 362.2

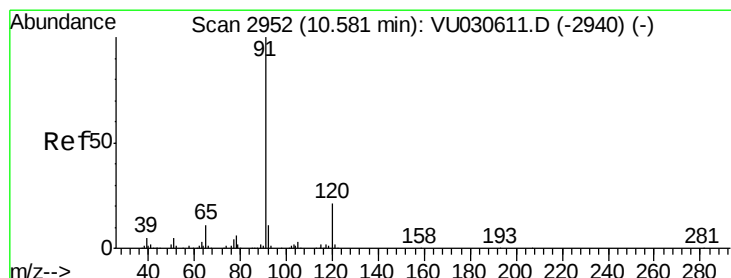
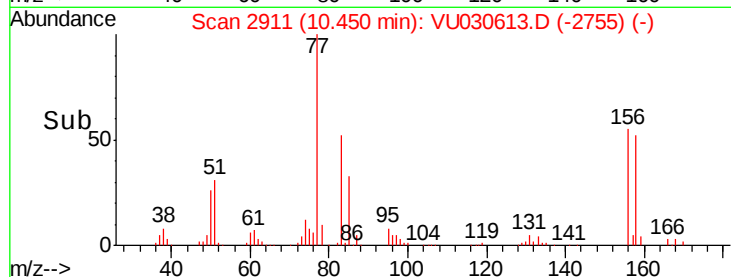
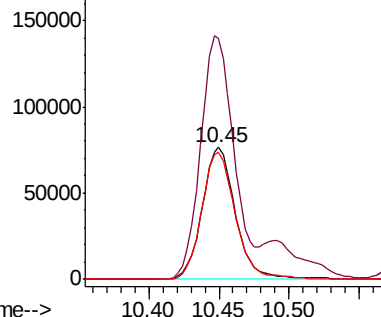
158 97.7 0.0 192.4



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: 13.022 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU030613.D

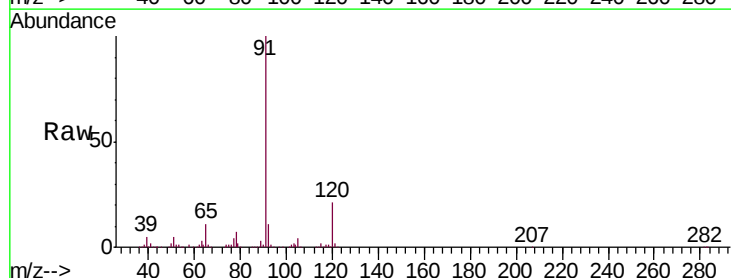
Acq: 02 Apr 2019 20:46

Tgt Ion:120 Resp: 143520

Ion Ratio Lower Upper

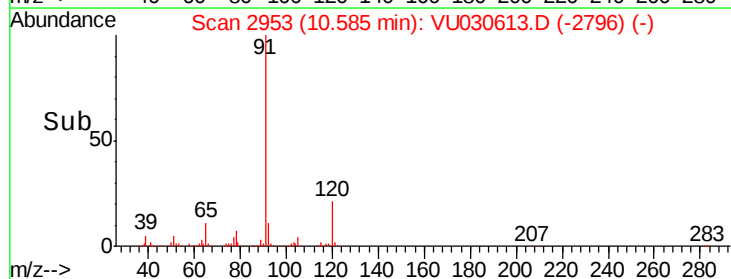
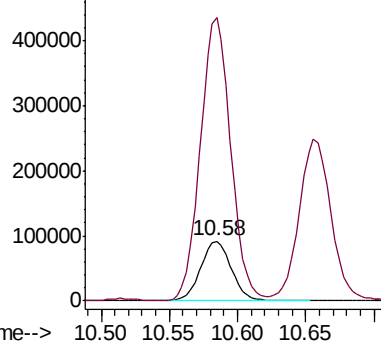
120 100

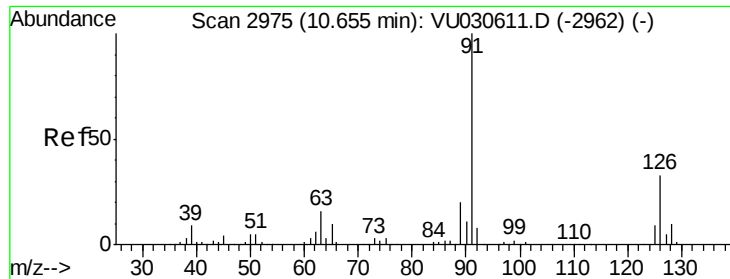
91 468.0 373.0 559.4



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0





#74

2-Chlorotoluene

Concen: 12.556 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

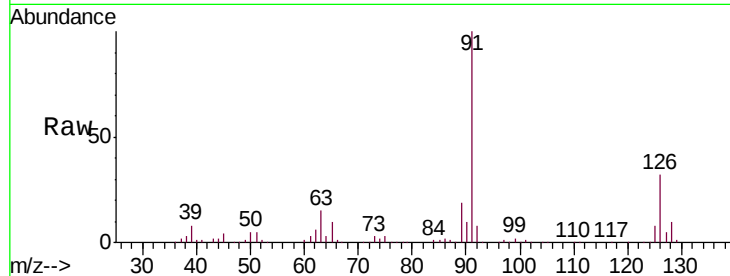
VBLK46

Tgt Ion:126 Resp: 125216

Ion Ratio Lower Upper

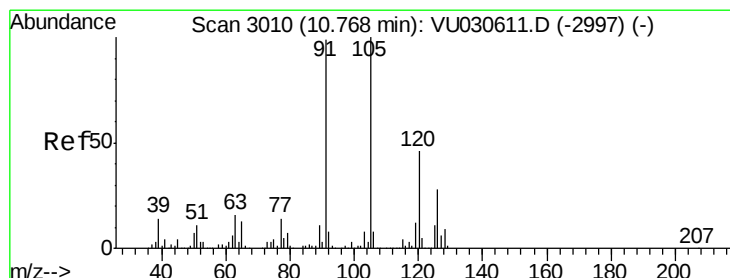
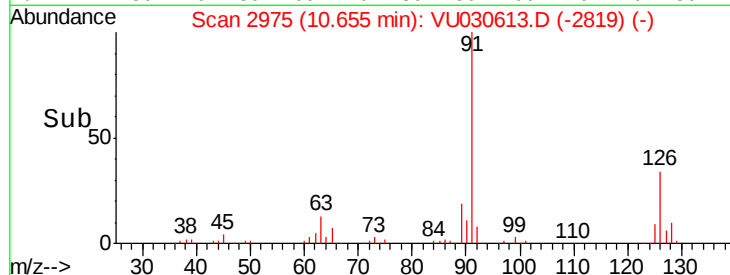
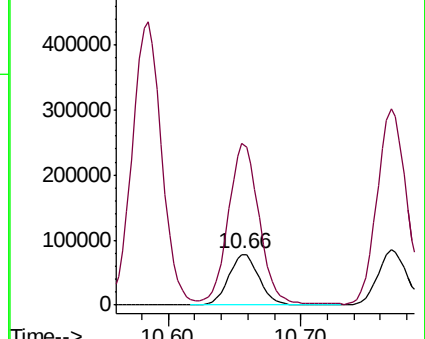
126 100

91 323.5 0.0 643.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0



#75

1,3,5-Trimethylbenzene

Concen: 13.582 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU030613.D

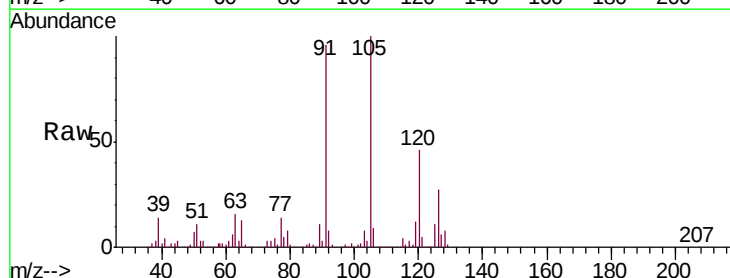
Acq: 02 Apr 2019 20:46

Tgt Ion:105 Resp: 475790

Ion Ratio Lower Upper

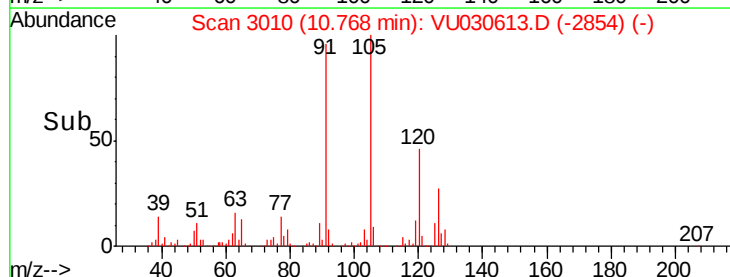
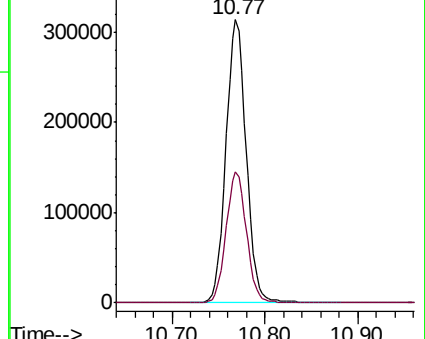
105 100

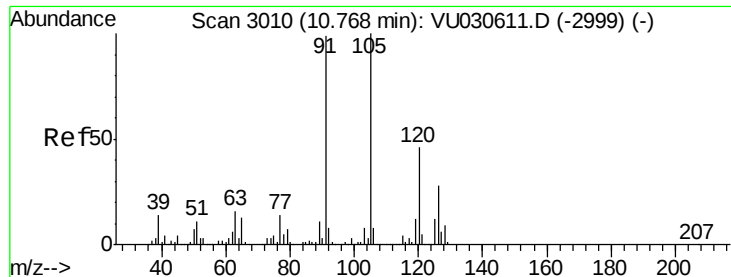
120 46.7 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

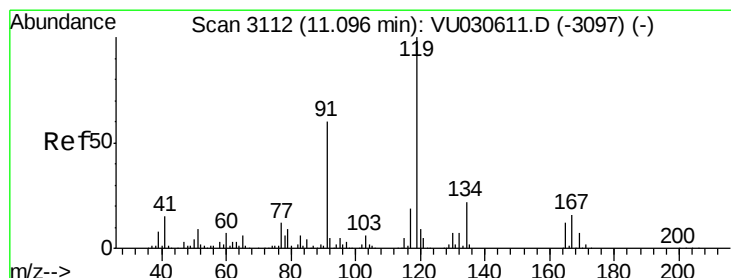
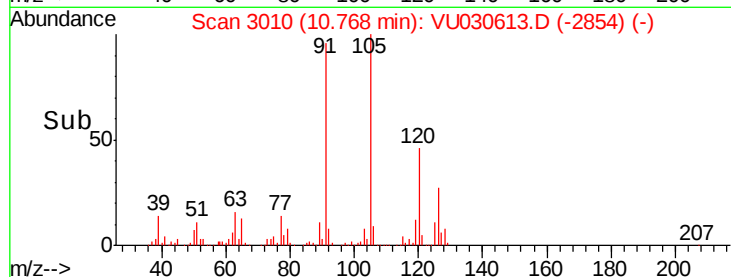
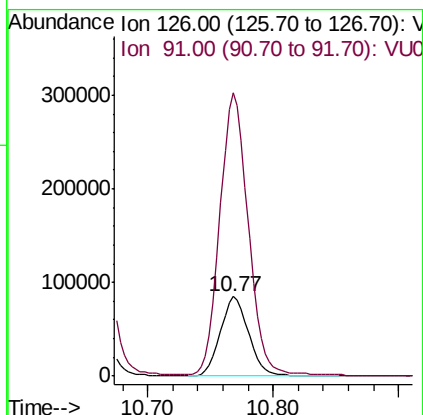
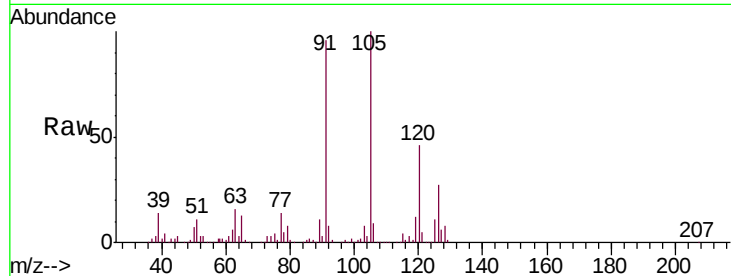




#76
4-Chlorotoluene
Concen: 12.926 ug/l
RT: 10.77 min Scan# 3010
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

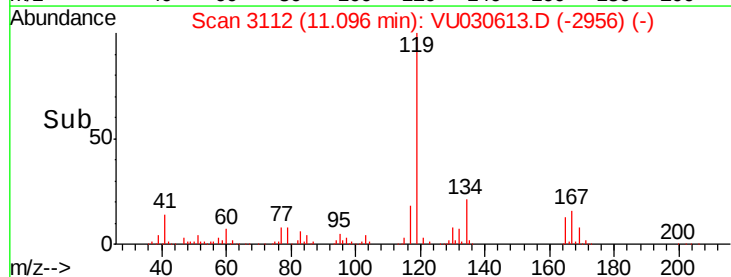
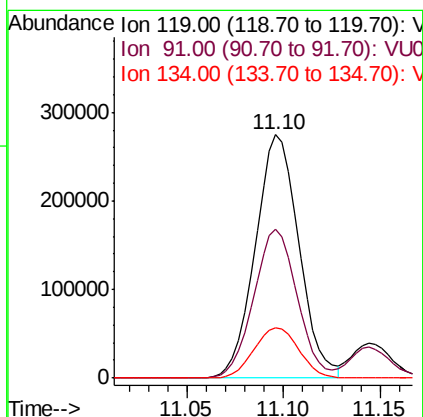
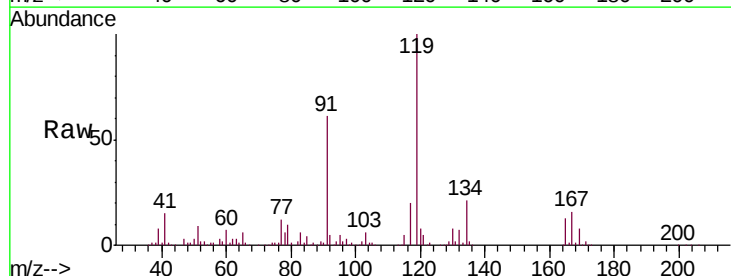
Instrument :
MSVOA_U
ClientSampleId :
VBLK46

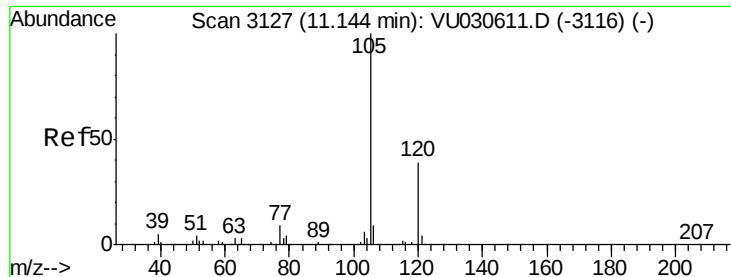
Tgt Ion:126 Resp: 132131
Ion Ratio Lower Upper
126 100
91 362.3 0.0 724.8



#77
tert-Butylbenzene
Concen: 12.666 ug/l
RT: 11.10 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion:119 Resp: 430817
Ion Ratio Lower Upper
119 100
91 60.8 30.7 92.1
134 21.6 17.5 26.3





#78

1,2,4-Trimethylbenzene

Concen: 13.290 ug/l

RT: 11.14 min Scan# 3127

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

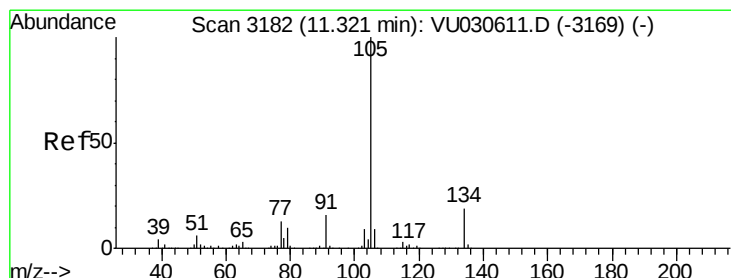
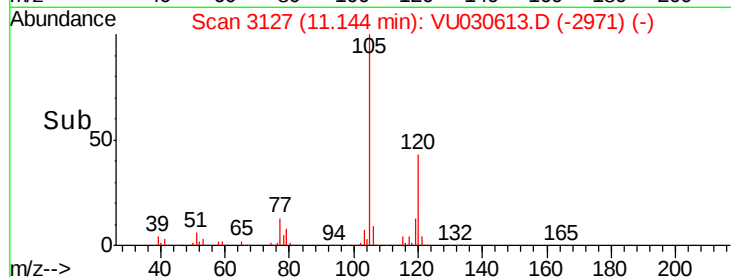
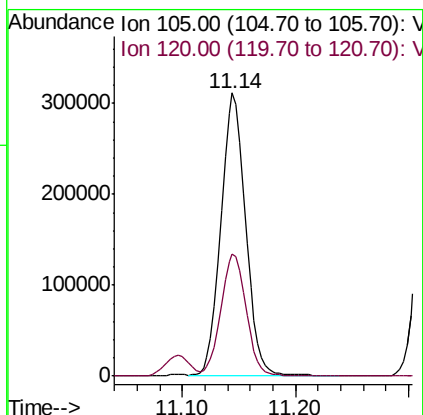
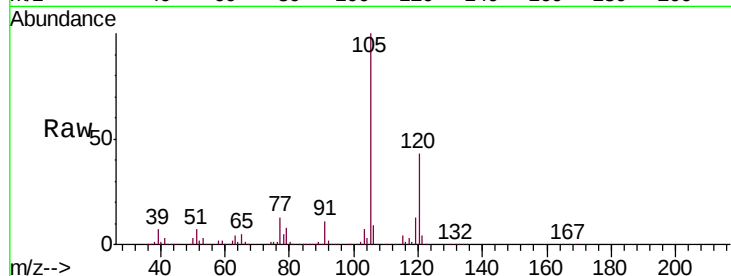
VBLK46

Tgt Ion:105 Resp: 474047

Ion Ratio Lower Upper

105 100

120 44.5 21.9 65.5



#79

sec-Butylbenzene

Concen: 11.807 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU030613.D

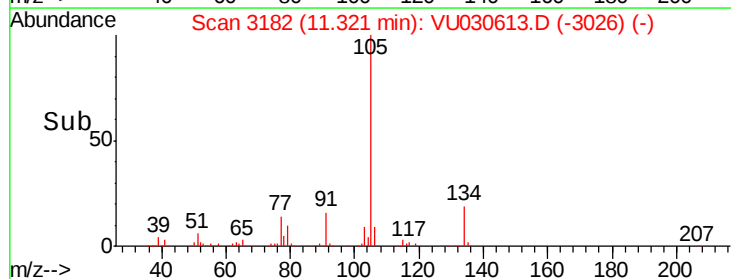
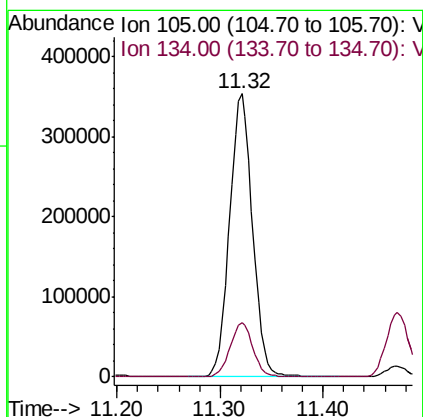
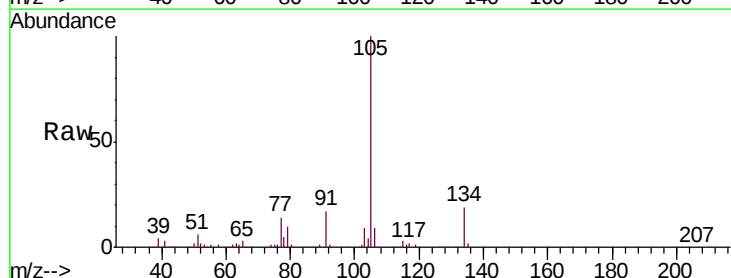
Acq: 02 Apr 2019 20:46

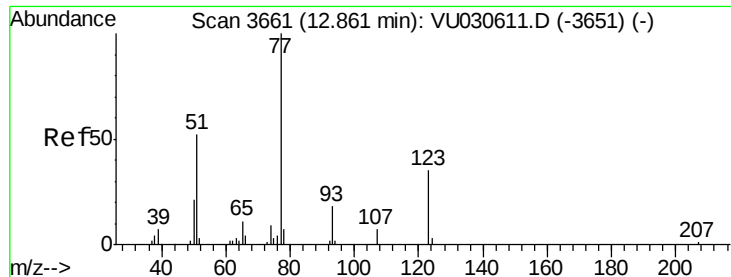
Tgt Ion:105 Resp: 547624

Ion Ratio Lower Upper

105 100

134 19.0 15.0 22.6

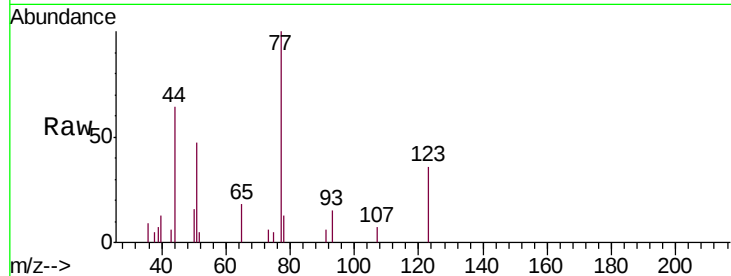




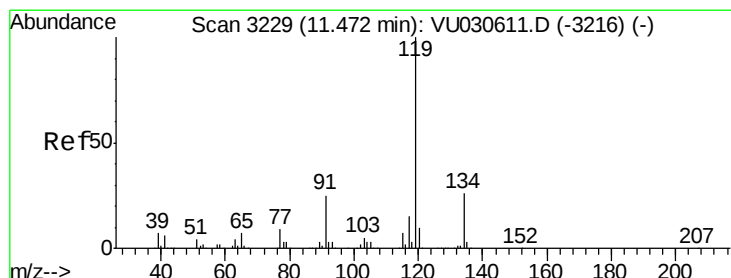
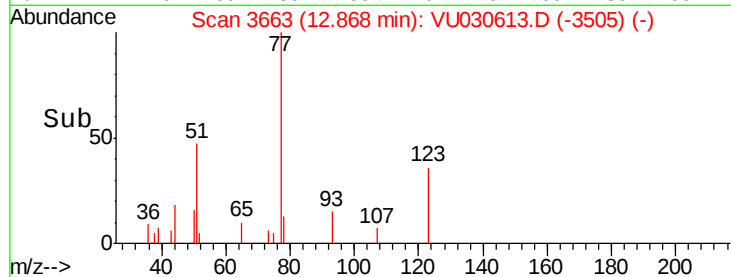
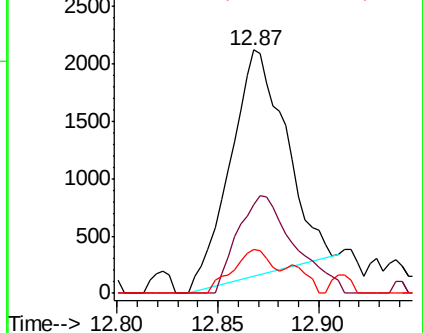
#80
Nitrobenzene
Concen: 12.572 ug/l
RT: 12.87 min Scan# 3663
Delta R.T. 0.01 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Instrument :
MSVOA_U
ClientSampled :
VBLK46

Tgt Ion: 77 Resp: 3821
Ion Ratio Lower Upper
77 100
123 44.0 16.5 58.5
65 13.9 11.2 14.2

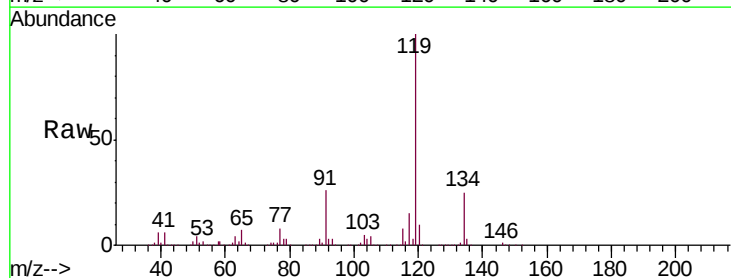


Abundance Ion 77.00 (76.70 to 77.70): VU0
Ion 123.00 (122.70 to 123.70): V
Ion 65.00 (64.70 to 65.70): VU0

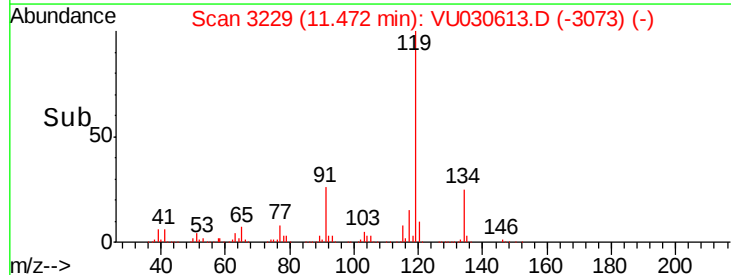
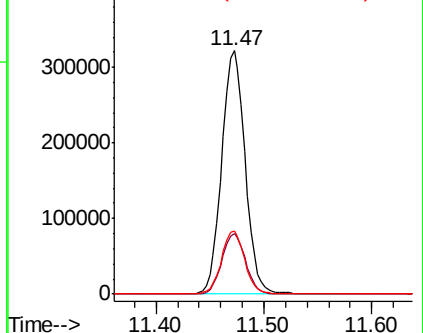


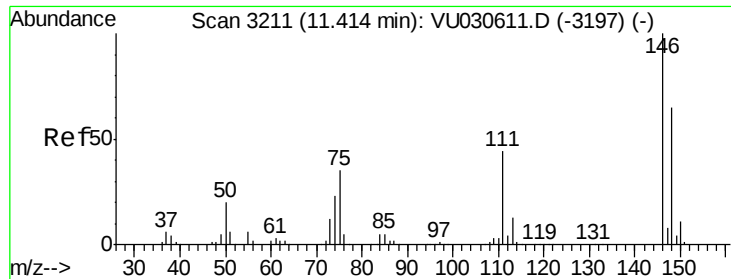
#81
p-Isopropyltoluene
Concen: 13.397 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 119 Resp: 486219
Ion Ratio Lower Upper
119 100
134 25.2 20.3 30.5
91 25.6 20.2 30.4



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VU0

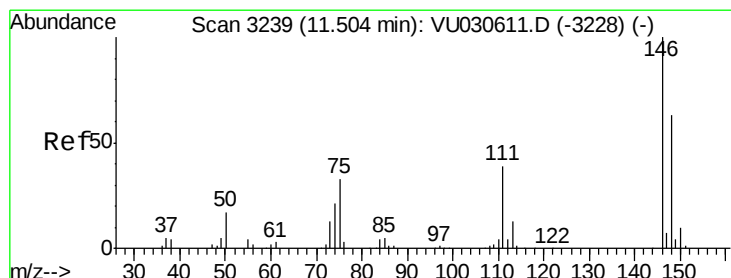
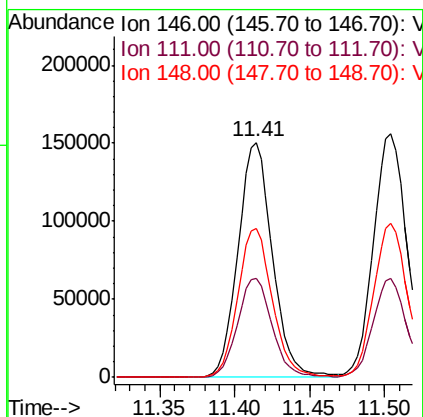
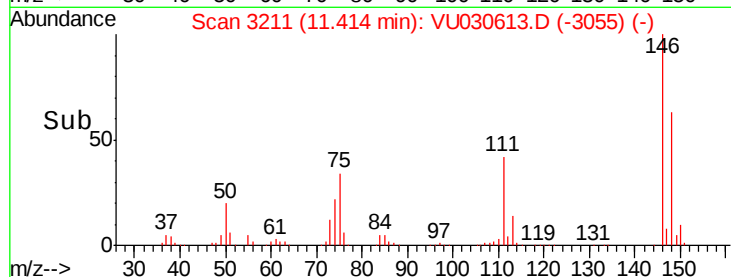
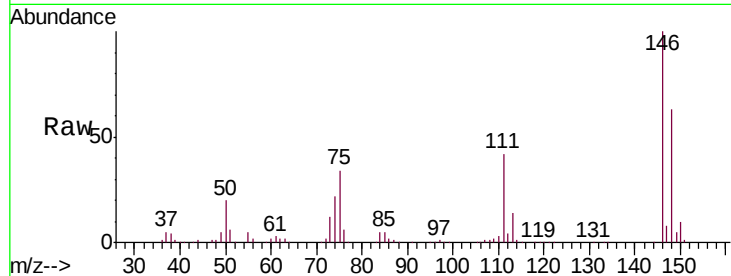




#82
 1,3-Dichlorobenzene
 Concen: 11.764 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

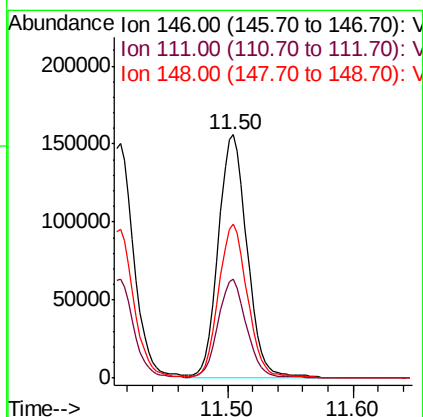
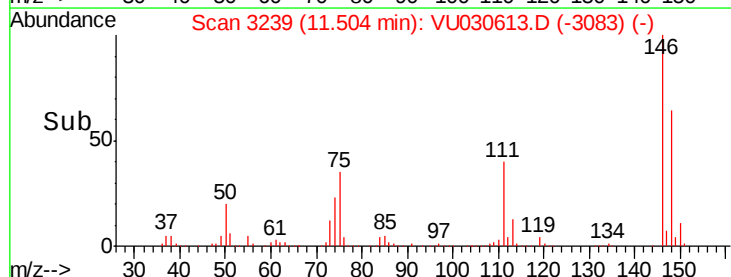
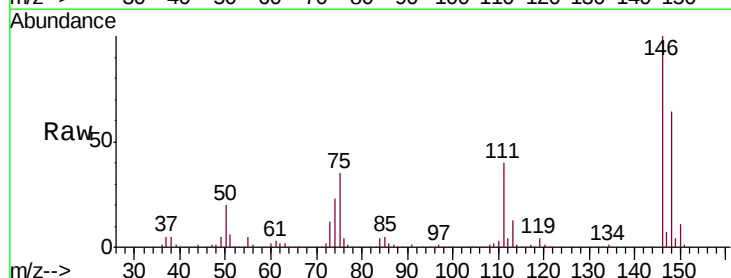
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK46

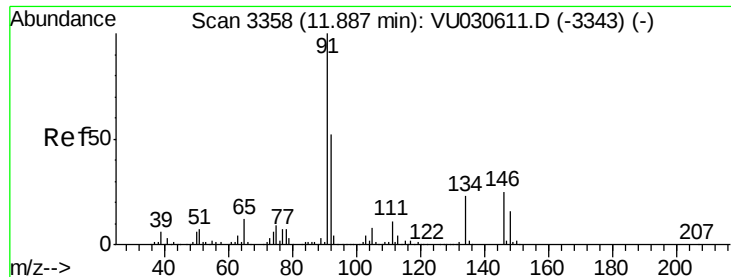
Tgt Ion:146 Resp: 240654
 Ion Ratio Lower Upper
 146 100
 111 42.3 34.6 51.8
 148 63.6 51.3 76.9



#83
 1,4-Dichlorobenzene
 Concen: 12.252 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Tgt Ion:146 Resp: 247381
 Ion Ratio Lower Upper
 146 100
 111 40.3 32.2 48.2
 148 64.0 51.0 76.6





#84

n-Butylbenzene

Concen: 13.525 ug/l

RT: 11.89 min Scan# 3358

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampled :

VBLK46

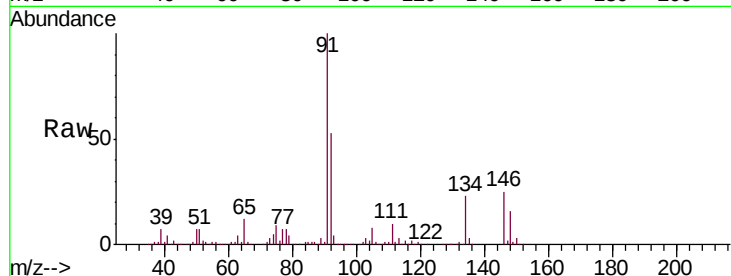
Tgt Ion: 91 Resp: 497905

Ion Ratio Lower Upper

91 100

92 52.1 41.3 61.9

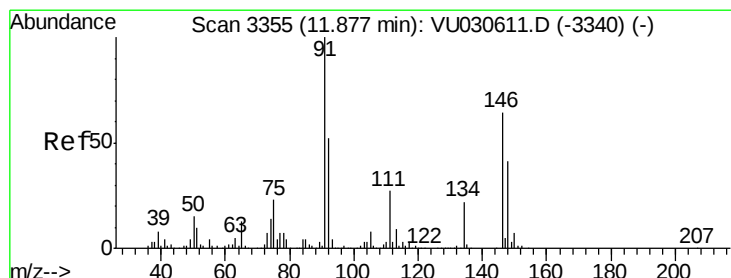
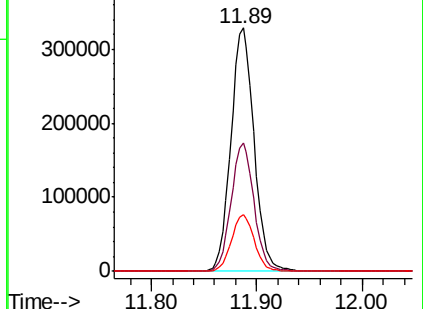
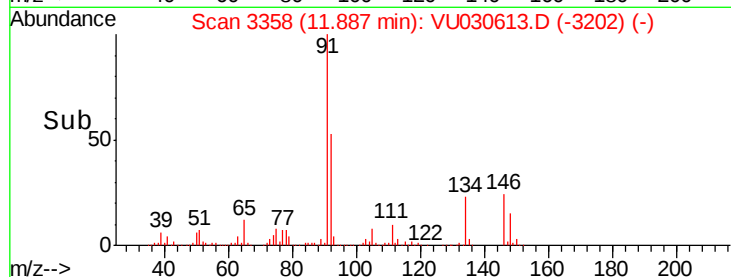
134 23.0 18.2 27.4



Abundance Ion 91.00 (90.70 to 91.70): VU030611.D (-3343) (-)

Ion 92.00 (91.70 to 92.70): VU030611.D (-3343) (-)

Ion 134.00 (133.70 to 134.70): VU030611.D (-3343) (-)



#85

1,2-Dichlorobenzene

Concen: 11.648 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

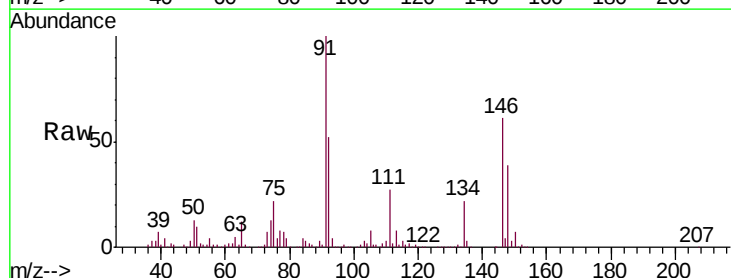
Tgt Ion: 146 Resp: 226369

Ion Ratio Lower Upper

146 100

111 43.7 21.8 65.3

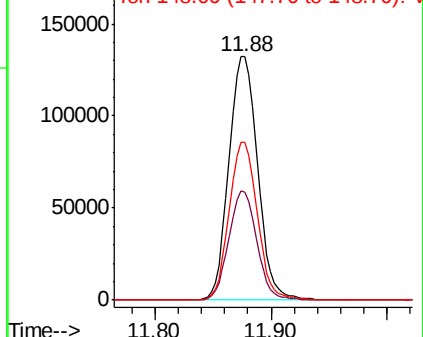
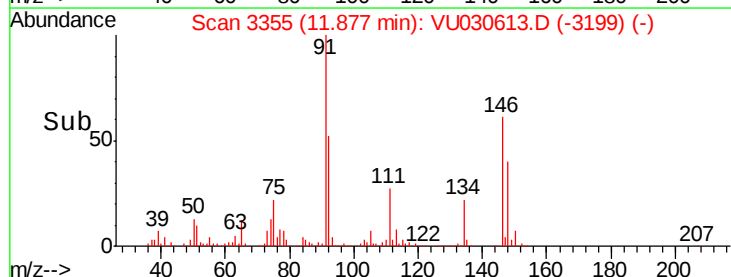
148 63.7 31.7 95.1

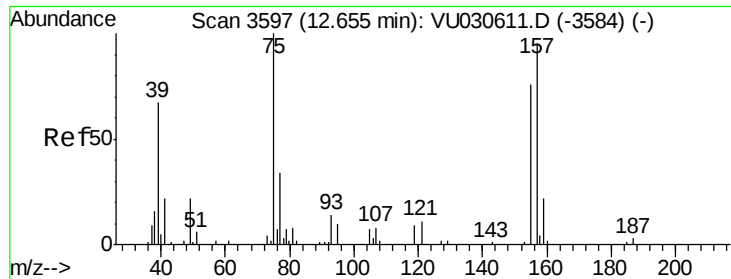


Abundance Ion 146.00 (145.70 to 146.70): VU030611.D (-3340) (-)

Ion 111.00 (110.70 to 111.70): VU030611.D (-3340) (-)

Ion 148.00 (147.70 to 148.70): VU030611.D (-3340) (-)





#86

1,2-Dibromo-3-Chloropropane

Concen: 12.818 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

Instrument :

MSVOA_U

ClientSampleId :

VBLK46

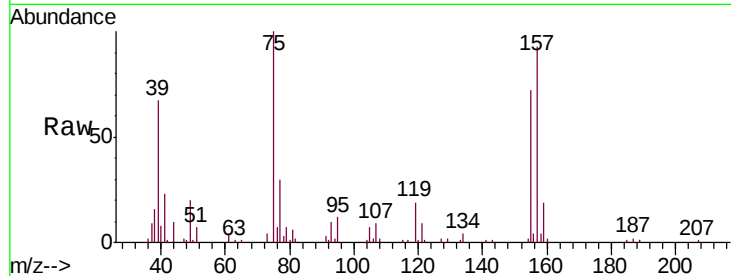
Tgt Ion: 75 Resp: 22215

Ion Ratio Lower Upper

75 100

155 72.3 61.3 91.9

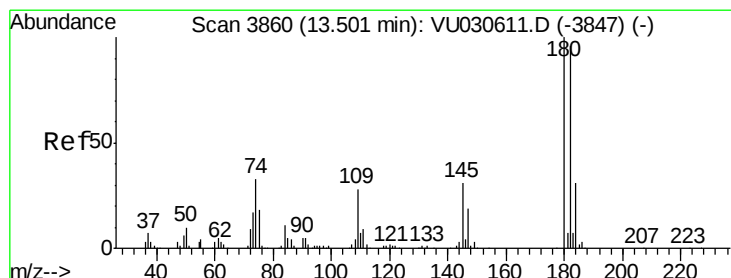
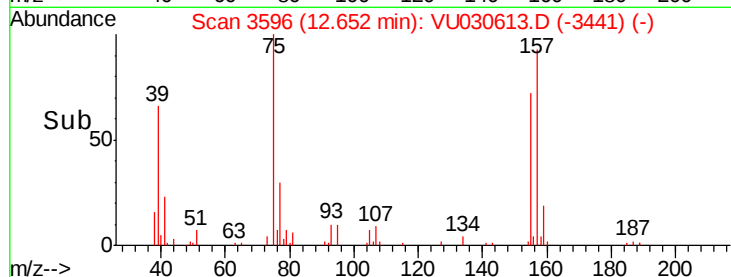
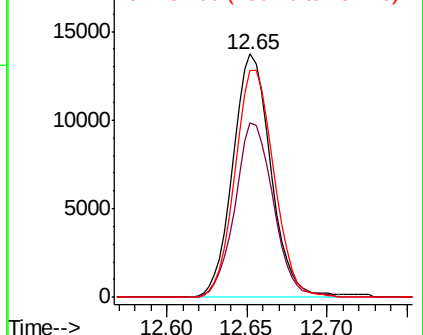
157 95.5 77.4 116.0



Abundance Ion 75.00 (74.70 to 75.70): VU030611.D (-3584) (-)

Ion 155.00 (154.70 to 155.70): VU030611.D (-3584) (-)

Ion 157.00 (156.70 to 157.70): VU030611.D (-3584) (-)



#87

1,2,4-Trichlorobenzene

Concen: 14.182 ug/l

RT: 13.50 min Scan# 3860

Delta R.T. 0.00 min

Lab File: VU030613.D

Acq: 02 Apr 2019 20:46

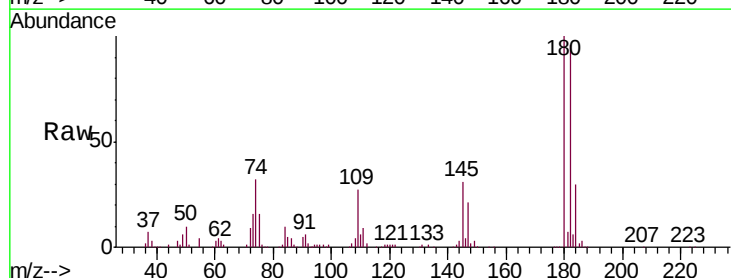
Tgt Ion: 180 Resp: 163551

Ion Ratio Lower Upper

180 100

182 94.8 78.2 117.4

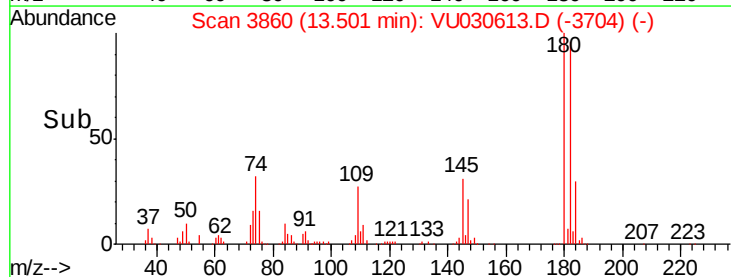
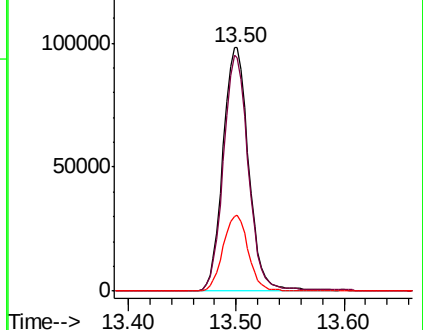
145 30.6 24.4 36.6

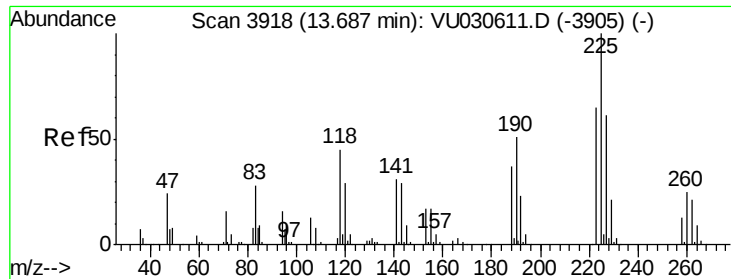


Abundance Ion 179.70 (179.40 to 180.40): VU030611.D (-3847) (-)

Ion 181.80 (181.50 to 182.50): VU030611.D (-3847) (-)

Ion 144.80 (144.50 to 145.50): VU030611.D (-3847) (-)

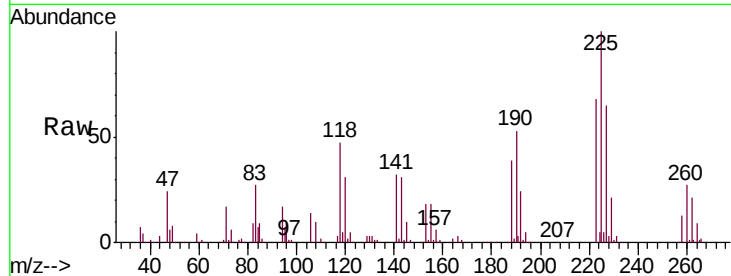




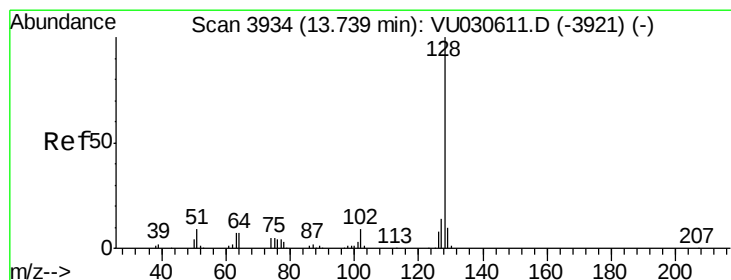
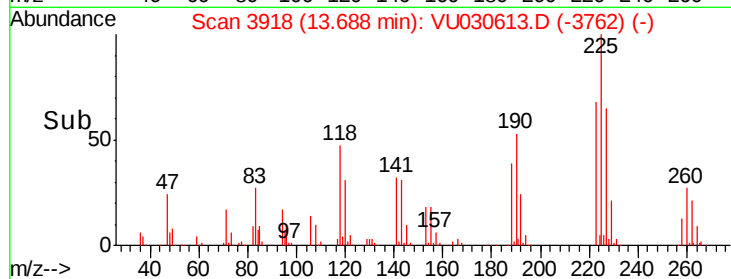
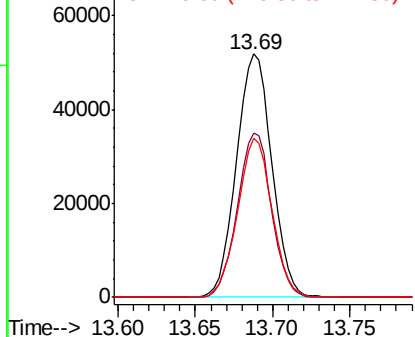
#88
Hexachlorobutadiene
Concen: 12.010 ug/l
RT: 13.69 min Scan# 3918
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Instrument :
MSVOA_U
ClientSampleId :
VBLK46

Tgt Ion: 225 Resp: 82566
Ion Ratio Lower Upper
225 100
223 65.1 52.6 78.8
227 63.4 50.5 75.7

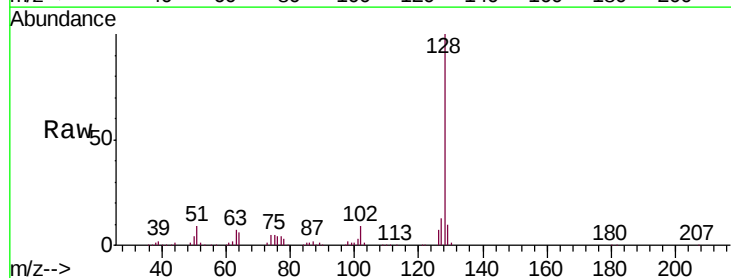


Abundance Ion 224.60 (224.30 to 225.30): V
Ion 222.60 (222.30 to 223.30): V
Ion 226.60 (226.30 to 227.30): V

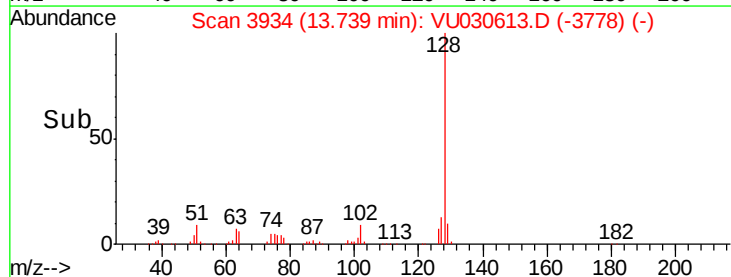
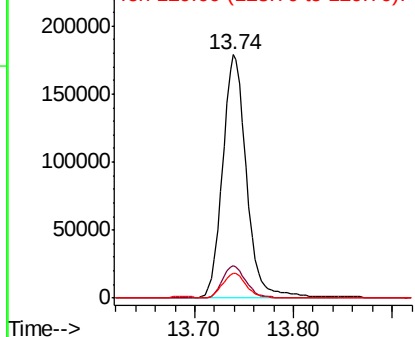


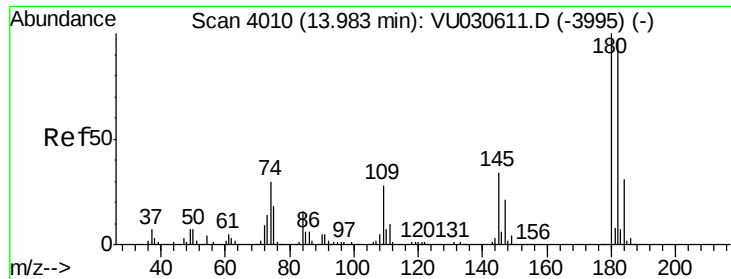
#89
Naphthalene
Concen: 15.137 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU030613.D
Acq: 02 Apr 2019 20:46

Tgt Ion: 128 Resp: 306076
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 9.9 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

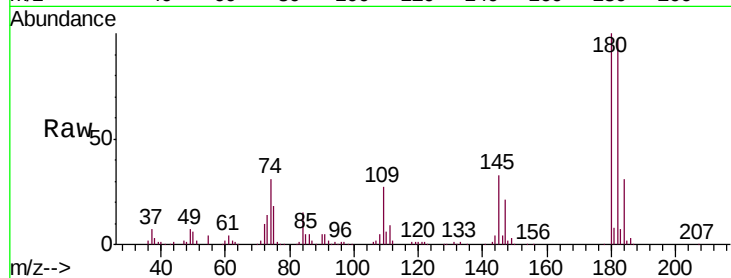




#90
 1,2,3-Trichlorobenzene
 Concen: 13.003 ug/l
 RT: 13.98 min Scan# 4010
 Delta R.T. 0.00 min
 Lab File: VU030613.D
 Acq: 02 Apr 2019 20:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK46

Tgt Ion	Resp	Lower	Upper
180	148959		
182	97.4	77.4	116.0
145	32.6	26.2	39.2



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

