

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031200.D
 Acq On : 15 Apr 2019 21:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 04:14:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	35513	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	13258	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	12797	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	75848	5.266	ug/l	99
3) Chloromethane	1.32	50	79914	4.695	ug/l	98
4) Vinyl Chloride	1.40	62	76548	4.713	ug/l	100
5) Bromomethane	1.63	94	46633	5.811	ug/l	99
6) Chloroethane	1.70	64	51512	5.452	ug/l	97
7) Trichlorofluoromethane	1.89	101	114040	5.888	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	58815	6.031	ug/l	97
9) 1,1-Dichloroethene	2.29	96	56113	5.807	ug/l	97
10) Iodomethane	2.41	142	81006	6.440	ug/l	99
11) Allyl Chloride	2.59	41	108499	5.248	ug/l	97
12) Acrylonitrile	2.94	53	32868	10.460	ug/l	98
13) Acetone	2.33	43	70267	24.378	ug/l	97
14) Carbon Disulfide	2.48	76	204933	5.772	ug/l	100
15) Methylene Chloride	2.70	84	65971	5.005	ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	62019	5.673	ug/l	97
17) 1,1-Dichloroethane	3.44	63	101405	4.739	ug/l	99
18) 2-Butanone	4.28	43	82203	22.377	ug/l	100
19) Cyclohexane	4.99	56	75214	4.358	ug/l	96
20) Methylcyclohexane	6.41	83	74029	4.943	ug/l	99
21) 2,2-Dichloropropane	4.22	77	79358	4.801	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	58645	5.313	ug/l	99
23) Diethyl Ether	2.10	59	52648	5.414	ug/l	100
24) tert-Butyl Alcohol	2.86	59	20669	18.194	ug/l #	93
25) Methyl tert-Butyl Ether	3.00	73	162762	5.387	ug/l	99
26) Bromochloromethane	4.54	128	26312	5.504	ug/l	98
27) Chloroform	4.67	83	99820	4.926	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	84538	5.067	ug/l	99
29) 1,1-Dichloropropene	5.13	75	72888	4.988	ug/l	99
30) Carbon Tetrachloride	5.13	117	75048	5.151	ug/l	96
31) Isopropyl Ether	3.57	45	146297	4.209	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	124070	4.392	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	111561	4.696	ug/l	99
34) Propionitrile	4.34	54	24003	26.287	ug/l #	96
35) Benzene	5.39	78	216686	4.995	ug/l	99
36) 1,2-Dichloroethane	5.40	62	67853	4.917	ug/l	98
37) Trichloroethene	6.18	130	56540	5.355	ug/l	99
38) 1,2-Dichloropropane	6.43	63	57658	4.660	ug/l	99
39) Methacrylonitrile	4.55	41	19864	4.399	ug/l	98
40) Methyl acrylate	4.43	55	26781	4.827	ug/l #	94
41) Tetrahydrofuran	4.65	42	21219	8.732	ug/l	97
42) 1-Chlorobutane	5.06	56	108420	4.884	ug/l	100

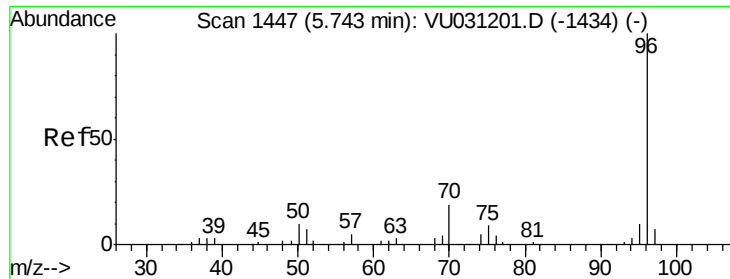
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031200.D
 Acq On : 15 Apr 2019 21:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Apr 16 04:14:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	30602	5.273	ug/l	99
44) Bromodichloromethane	6.75	83	74147	4.891	ug/l	97
45) 4-Methyl-2-Pentanone	7.46	43	192879	23.366	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	33536	11.802	ug/l	86
47) Methyl methacrylate	6.62	69	56005	10.587	ug/l	99
48) Ethyl methacrylate	8.02	69	48710	4.916	ug/l	91
49) Toluene	7.63	92	125150	5.287	ug/l	98
50) t-1,3-Dichloropropene	7.88	75	64964	4.998	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	77531	4.964	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	41912	5.062	ug/l	97
53) 1,3-Dichloropropane	8.24	76	73118	5.045	ug/l	99
54) 2-Hexanone	8.36	43	132638	24.222	ug/l	95
55) Dibromochloromethane	8.47	129	49378	5.249	ug/l	99
56) 1,2-Dibromoethane	8.58	107	38712	5.181	ug/l	97
58) Tetrachloroethene	8.22	164	50748	5.408	ug/l	97
59) Chlorobenzene	9.12	112	134863	5.210	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.20	131	50695	5.190	ug/l	96
61) Pentachloroethane	11.10	117	37939	5.069	ug/l	95
62) Hexachloroethane	12.14	117	36656	5.154	ug/l	98
63) Ethyl Benzene	9.25	91	220886	5.153	ug/l	98
64) m/p-Xylenes	9.37	106	176018	11.231	ug/l	98
65) o-Xylene	9.77	106	83254	5.466	ug/l	98
66) Styrene	9.79	104	145454	5.531	ug/l	99
67) Bromoform	9.95	173	28441	5.260	ug/l	98
69) Isopropylbenzene	10.16	105	219580	5.403	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	53961	4.956	ug/l	99
71) 1,2,3-Trichloropropane	10.49	75	33536	4.051	ug/l #	92
72) Bromobenzene	10.45	156	56281	5.478	ug/l	98
73) n-propylbenzene	10.59	120	59574	5.495	ug/l	99
74) 2-Chlorotoluene	10.66	126	55879	5.648	ug/l	97
75) 1,3,5-Trimethylbenzene	10.77	105	193884	5.632	ug/l	99
76) 4-Chlorotoluene	10.77	126	54968	5.444	ug/l	95
77) tert-Butylbenzene	11.10	119	179796	5.360	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	196174	5.594	ug/l	100
79) sec-Butylbenzene	11.32	105	248675	5.455	ug/l	99
80) Nitrobenzene	12.86	77	8586	26.496	ug/l #	95
81) p-Isopropyltoluene	11.47	119	201089	5.626	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	111619	5.486	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	110292	5.484	ug/l	98
84) n-Butylbenzene	11.89	91	192243	5.351	ug/l	98
85) 1,2-Dichlorobenzene	11.87	146	103319	5.343	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	8377	4.928	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	65181	5.644	ug/l	98
88) Hexachlorobutadiene	13.69	225	40864	5.895	ug/l	98
89) Naphthalene	13.74	128	112940	5.551	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	63783	5.553	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 35513

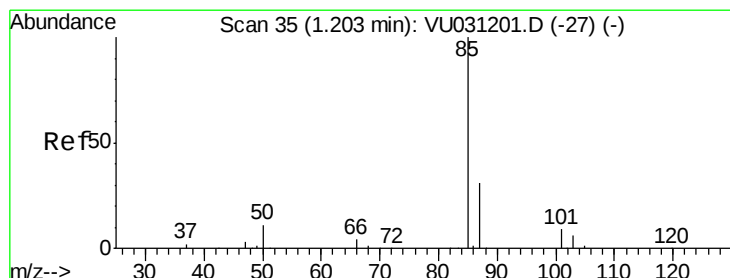
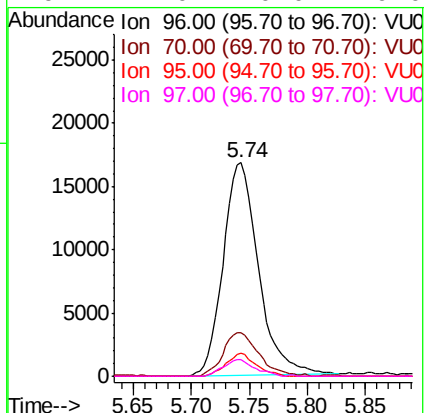
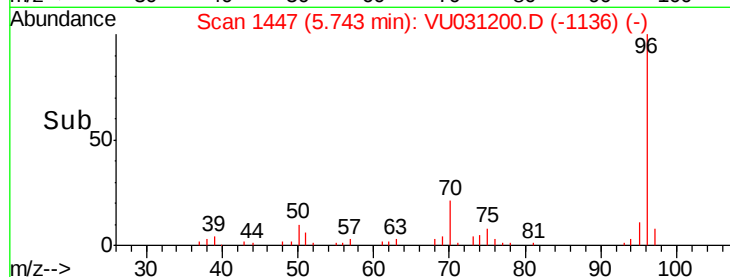
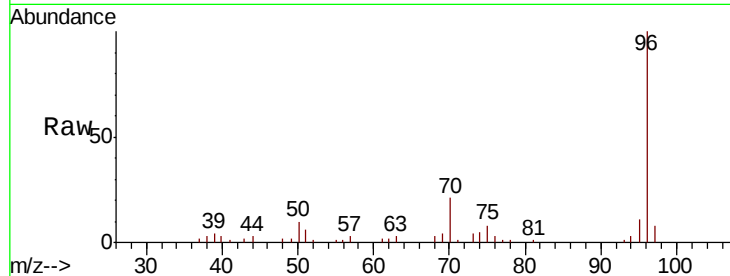
Ion Ratio Lower Upper

96 100

70 20.9 18.4 27.6

95 9.2 7.6 11.4

97 7.0 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 5.266 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031200.D

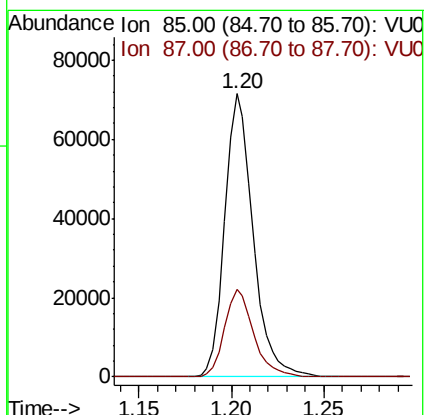
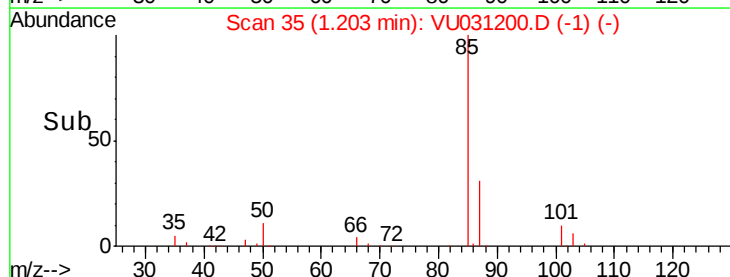
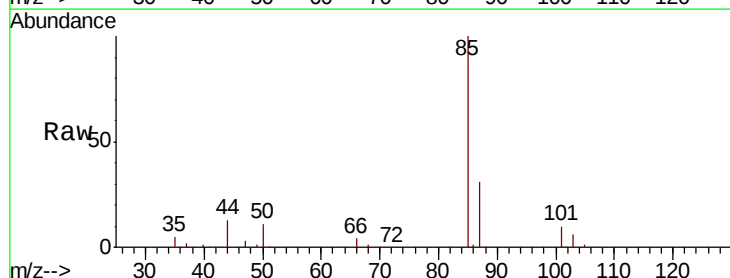
Acq: 15 Apr 2019 21:54

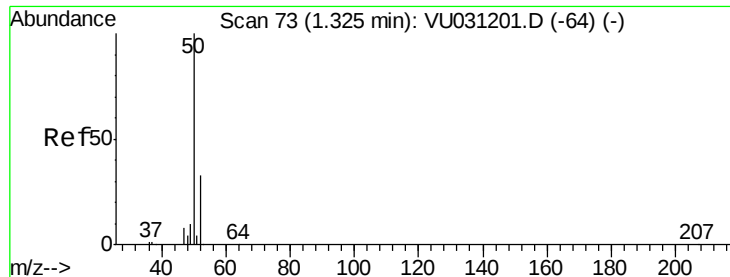
Tgt Ion: 85 Resp: 75848

Ion Ratio Lower Upper

85 100

87 30.7 15.8 47.3





#3

Chloromethane

Concen: 4.695 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

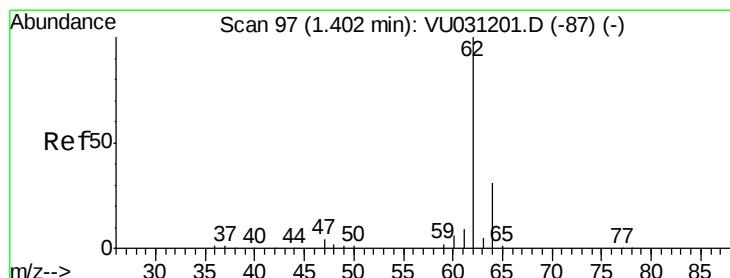
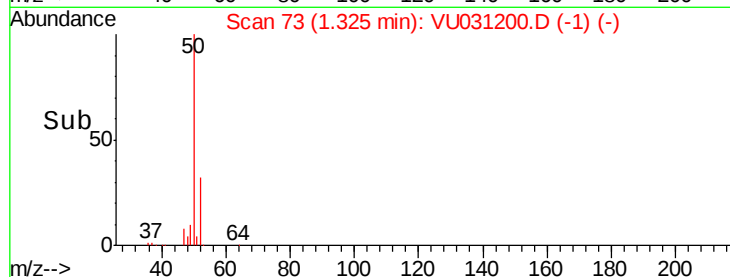
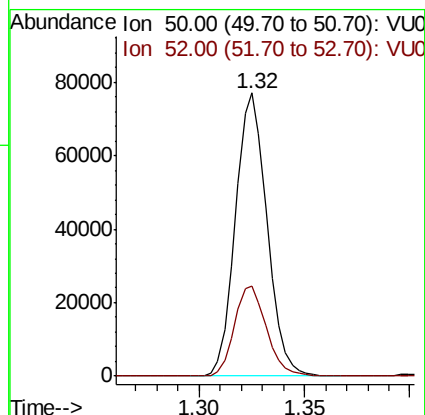
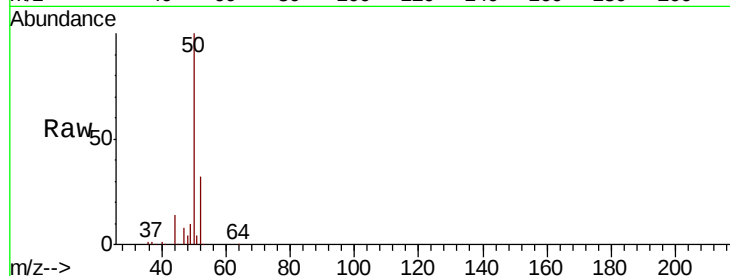
VSTDIC005

Tgt Ion: 50 Resp: 79914

Ion Ratio Lower Upper

50 100

52 31.6 26.2 39.2



#4

Vinyl Chloride

Concen: 4.713 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031200.D

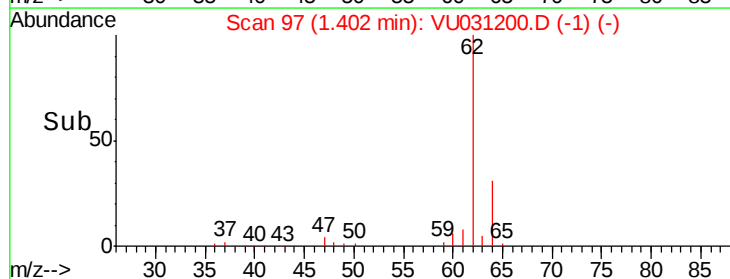
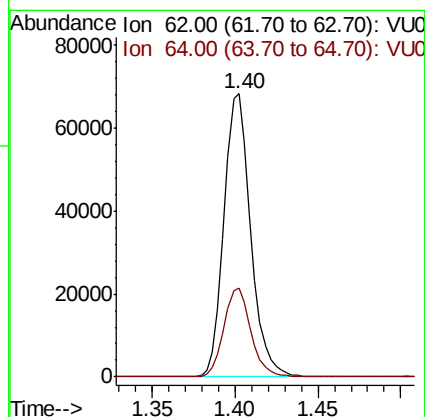
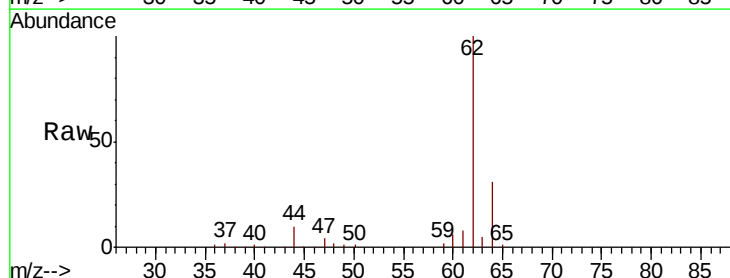
Acq: 15 Apr 2019 21:54

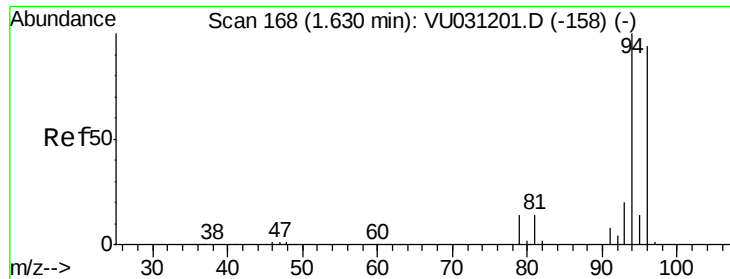
Tgt Ion: 62 Resp: 76548

Ion Ratio Lower Upper

62 100

64 31.5 25.0 37.6





#5

Bromomethane

Concen: 5.811 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

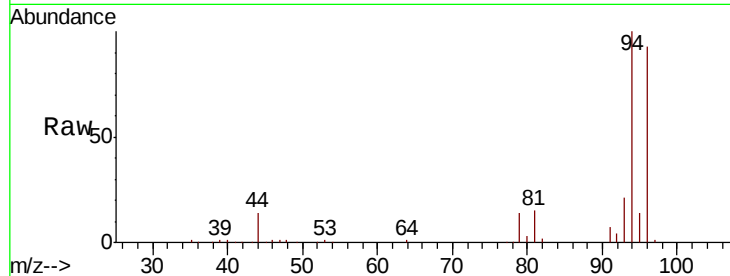
VSTDIC005

Tgt Ion: 94 Resp: 46633

Ion Ratio Lower Upper

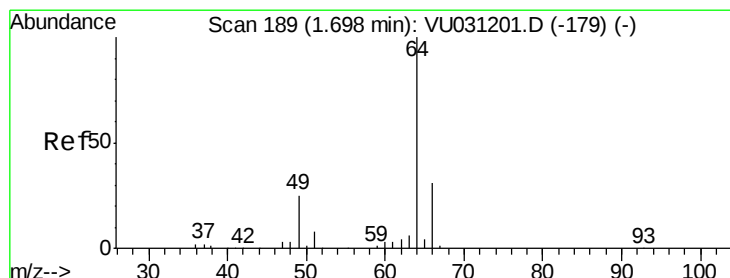
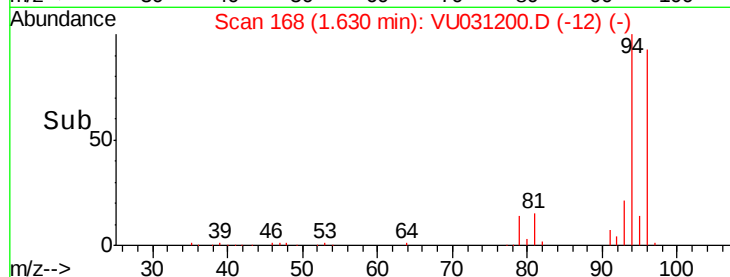
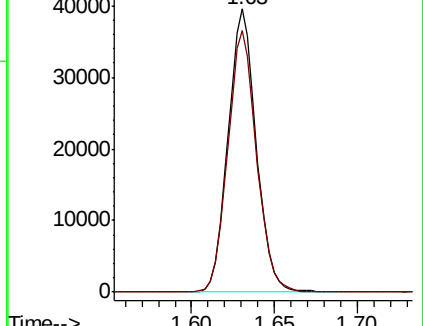
94 100

96 92.6 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU031200.D (-12) (-)

Ion 96.00 (95.70 to 96.70): VU031200.D (-12) (-)



#6

Chloroethane

Concen: 5.452 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031200.D

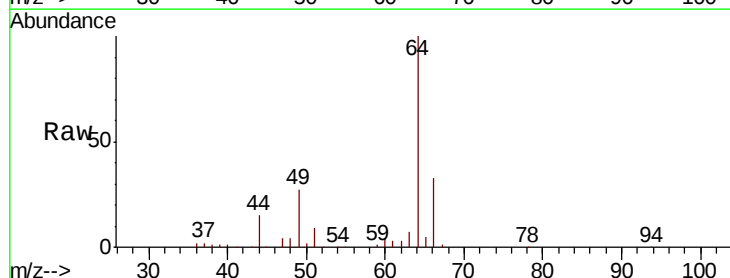
Acq: 15 Apr 2019 21:54

Tgt Ion: 64 Resp: 51512

Ion Ratio Lower Upper

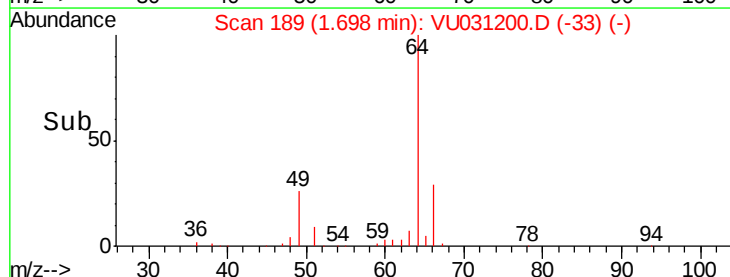
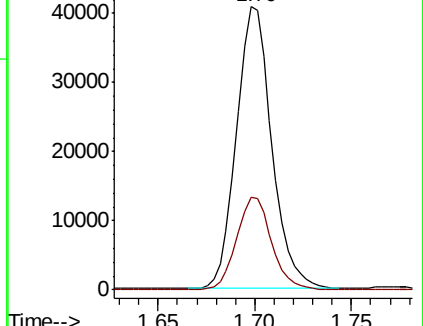
64 100

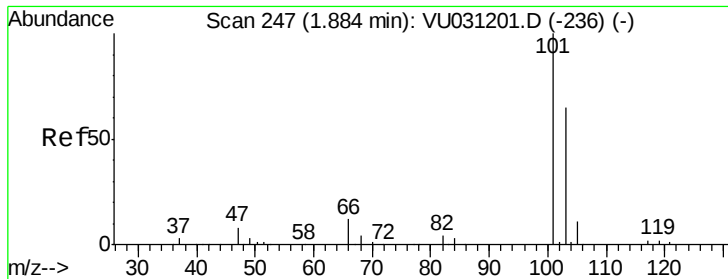
66 32.9 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU031200.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU031200.D (-33) (-)





#7

Trichlorofluoromethane

Concen: 5.888 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

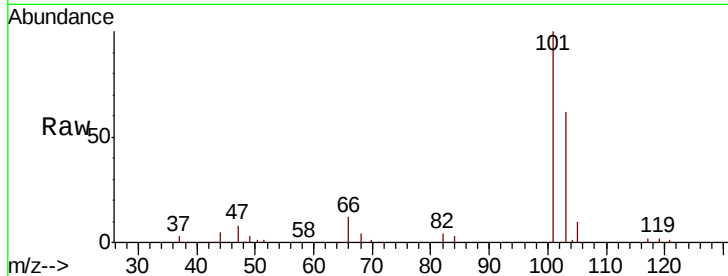
VSTDIC005

Tgt Ion:101 Resp: 114040

Ion Ratio Lower Upper

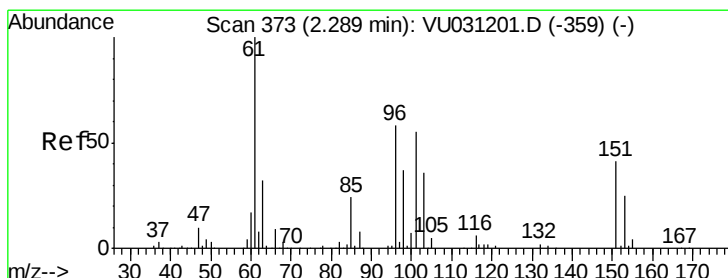
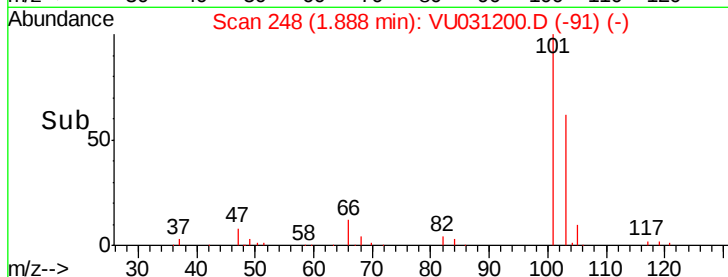
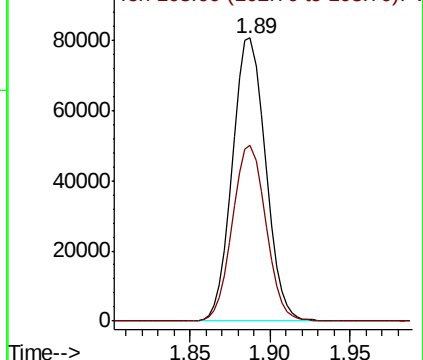
101 100

103 62.3 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.031 ug/l

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

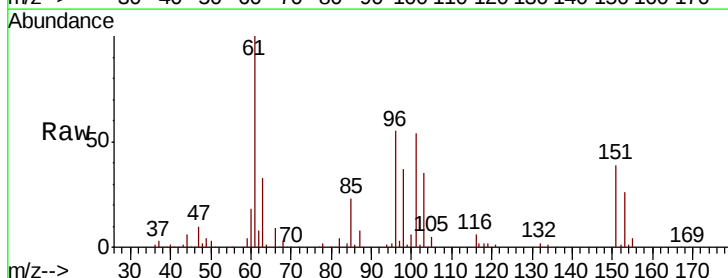
Tgt Ion:101 Resp: 58815

Ion Ratio Lower Upper

101 100

85 42.5 36.1 54.1

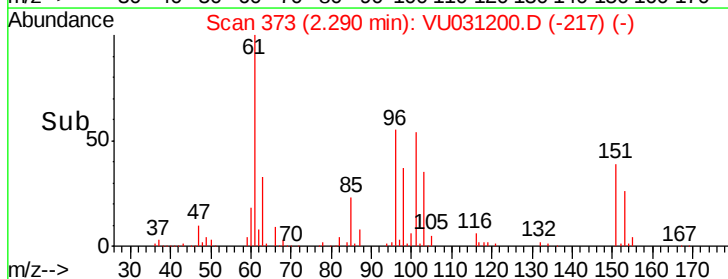
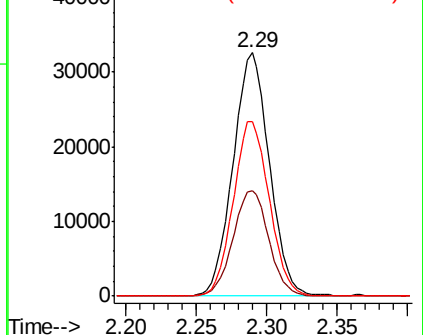
151 71.0 58.2 87.2

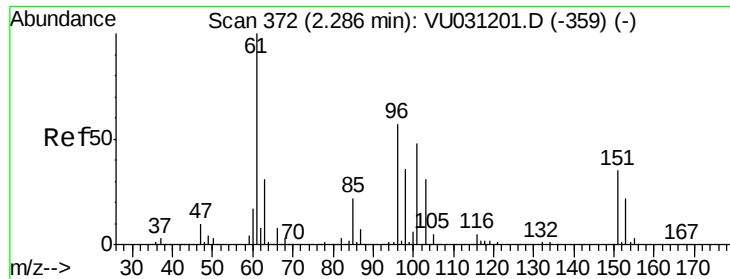


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 5.807 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

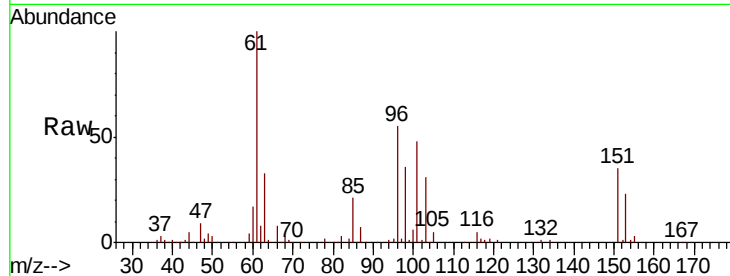
Tgt Ion: 96 Resp: 56113

Ion Ratio Lower Upper

96 100

61 181.3 0.0 527.7

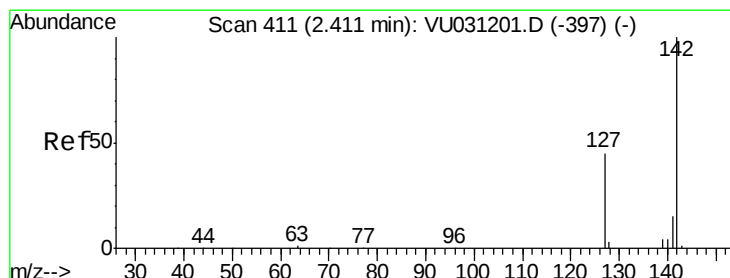
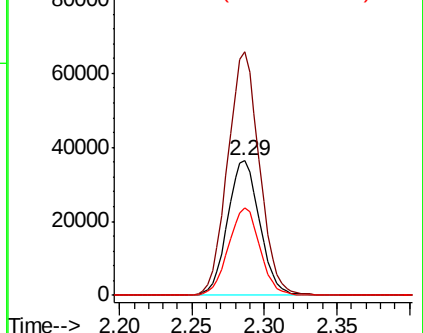
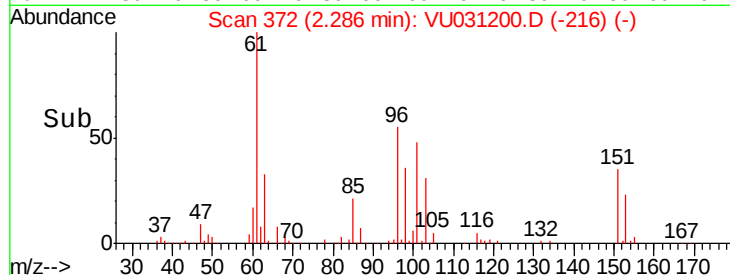
98 65.1 0.0 127.6



Abundance Ion 96.00 (95.70 to 96.70): VU031200.D (-216) (-)

Ion 61.00 (60.70 to 61.70): VU031200.D (-216) (-)

Ion 98.00 (97.70 to 98.70): VU031200.D (-216) (-)



#10

Iodomethane

Concen: 6.440 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031200.D

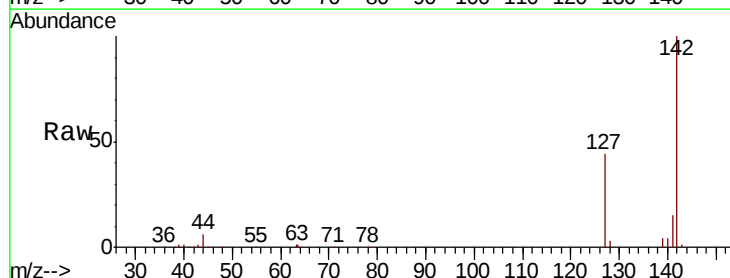
Acq: 15 Apr 2019 21:54

Tgt Ion: 142 Resp: 81006

Ion Ratio Lower Upper

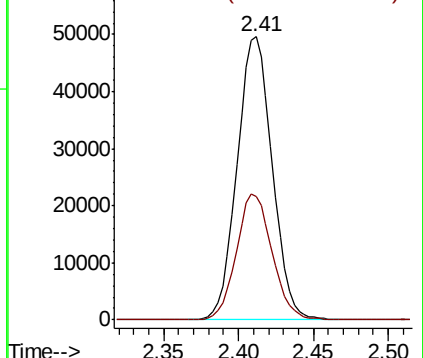
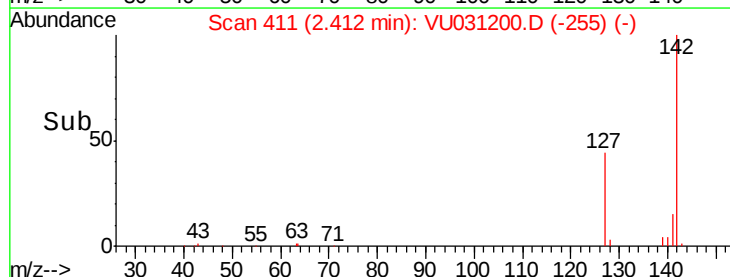
142 100

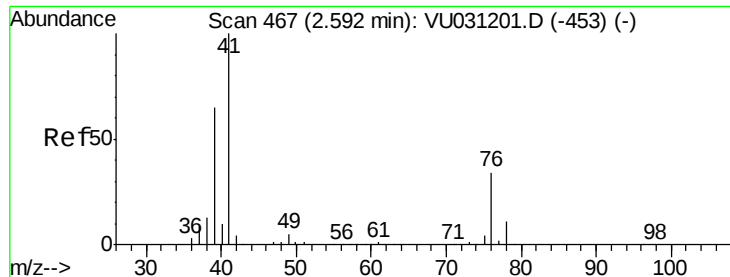
127 45.3 35.9 53.9



Abundance Ion 142.00 (141.70 to 142.70): VU031200.D (-255) (-)

Ion 127.00 (126.70 to 127.70): VU031200.D (-255) (-)





#11

Allyl Chloride

Concen: 5.248 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

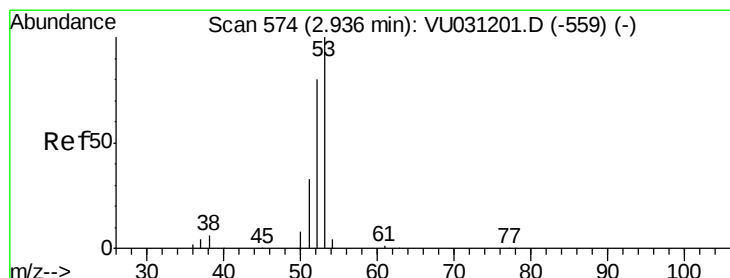
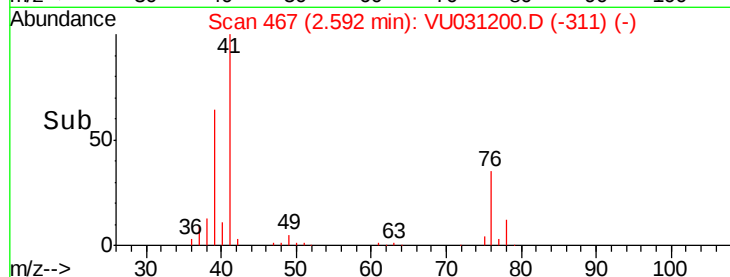
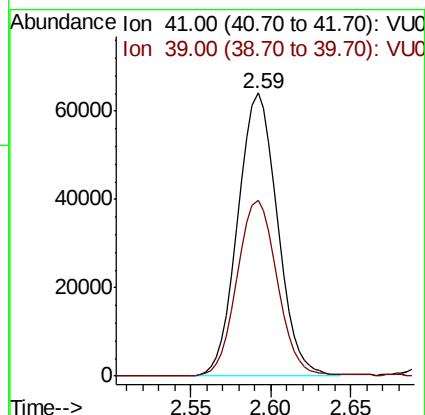
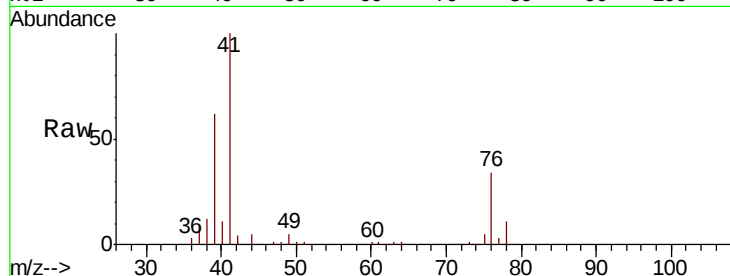
VSTDIC005

Tgt Ion: 41 Resp: 108499

Ion Ratio Lower Upper

41 100

39 62.4 51.9 77.9



#12

Acrylonitrile

Concen: 10.460 ug/l

RT: 2.94 min Scan# 575

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

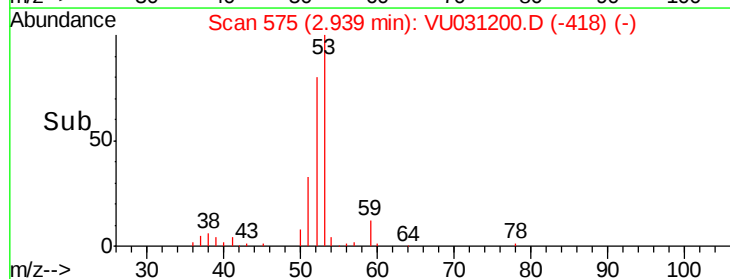
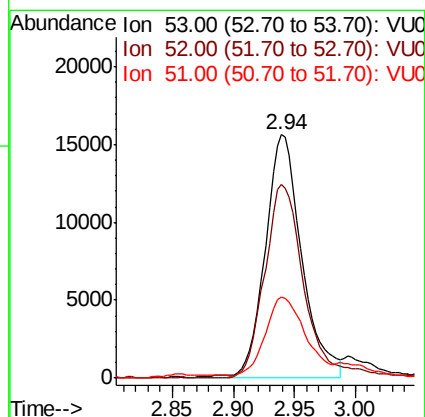
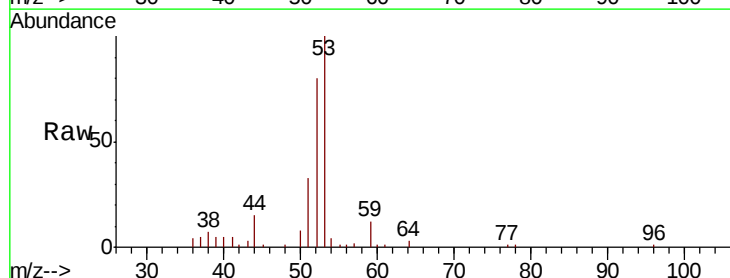
Tgt Ion: 53 Resp: 32868

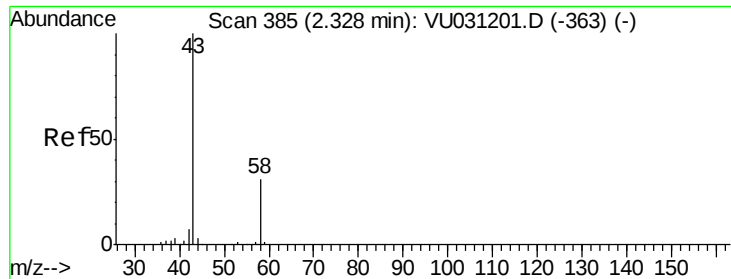
Ion Ratio Lower Upper

53 100

52 86.0 67.8 101.8

51 34.8 26.9 40.3





#13

Acetone

Concen: 24.378 ug/l

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

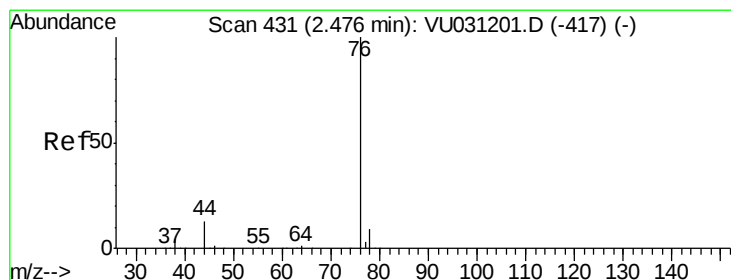
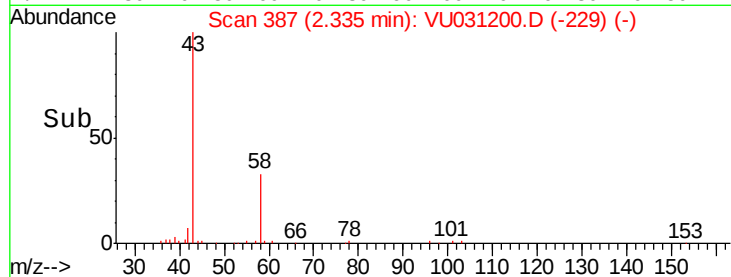
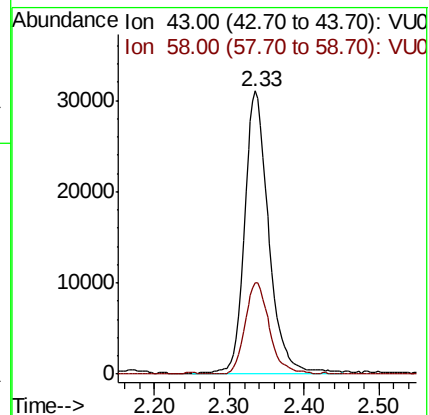
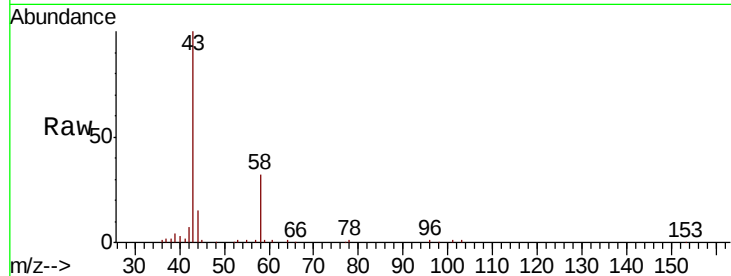
VSTDIC005

Tgt Ion: 43 Resp: 70267

Ion Ratio Lower Upper

43 100

58 32.4 24.7 37.1



#14

Carbon Disulfide

Concen: 5.772 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031200.D

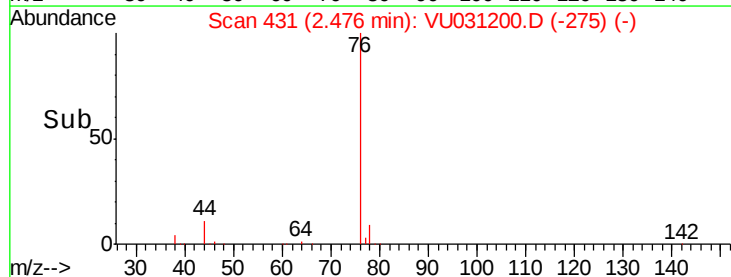
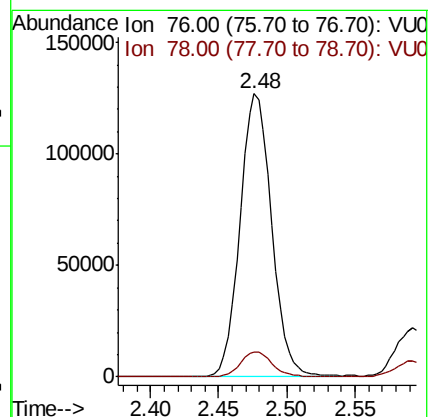
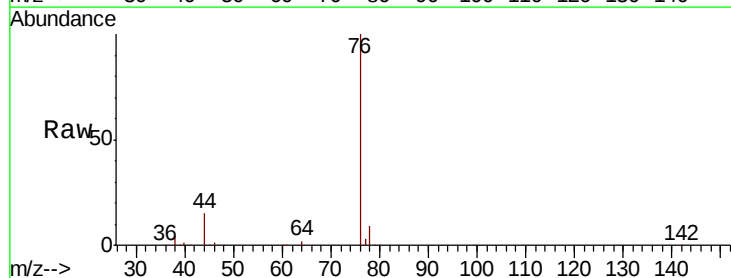
Acq: 15 Apr 2019 21:54

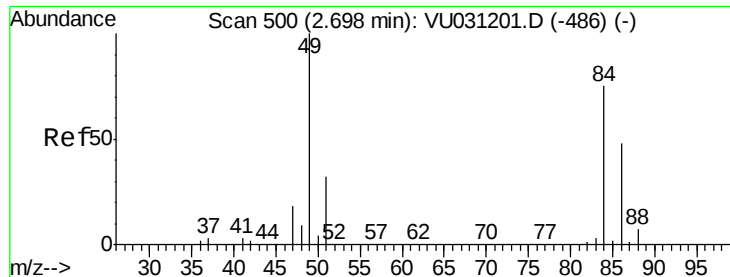
Tgt Ion: 76 Resp: 204933

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

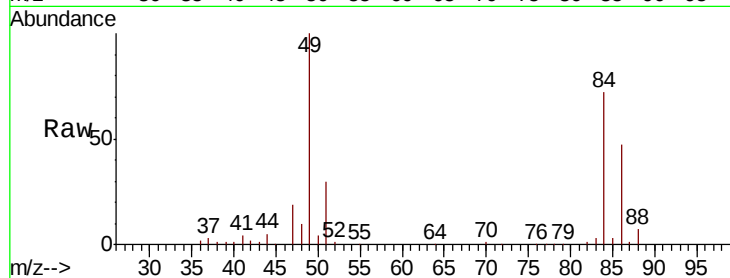




#15
Methylene Chloride
Concen: 5.005 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:	84	Resp:	65971
Ion	Ratio	Lower	Upper
84	100		
49	138.6	106.1	159.1
51	41.0	0.0	84.2
86	65.3	50.5	75.7



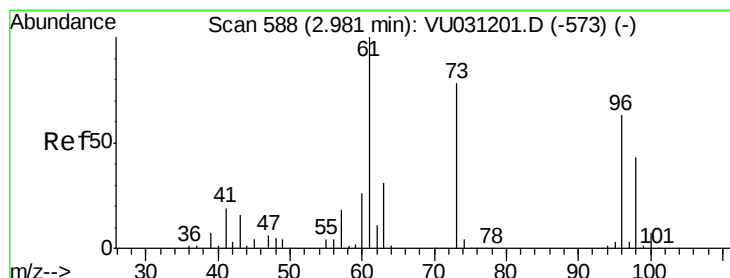
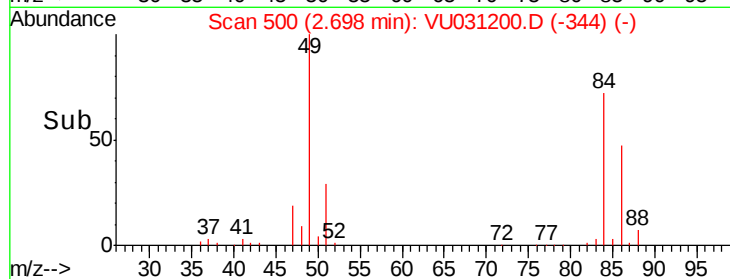
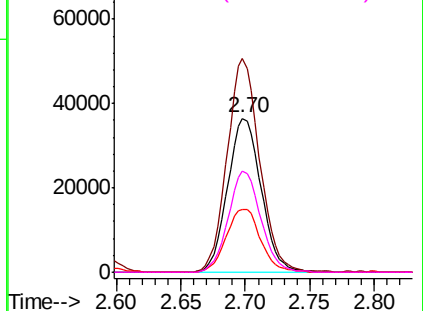
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

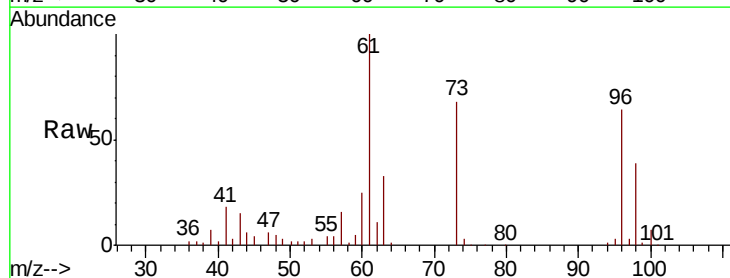
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 5.673 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion:	96	Resp:	62019
Ion	Ratio	Lower	Upper
96	100		
61	156.8	126.6	189.8
98	60.7	53.9	80.9

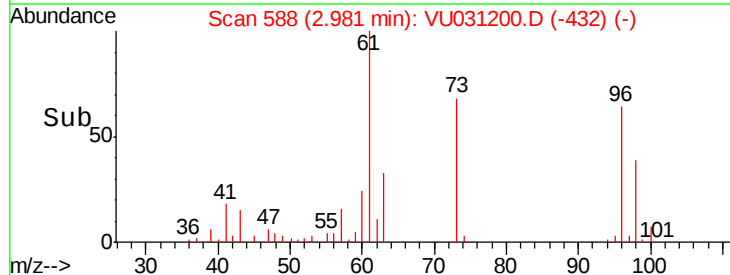
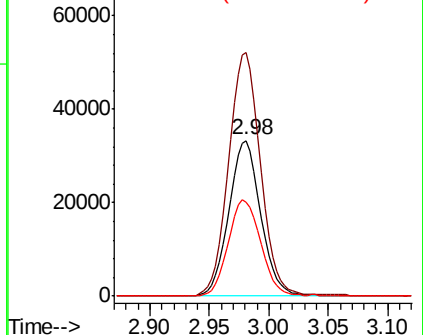


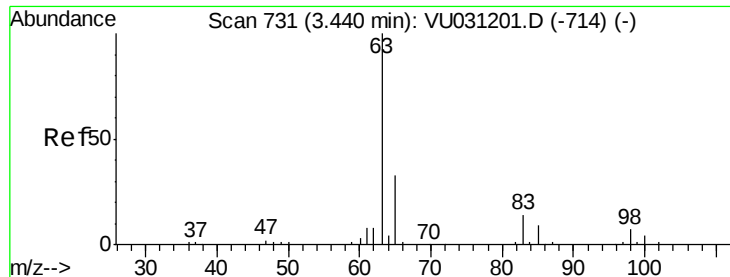
Abundance

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

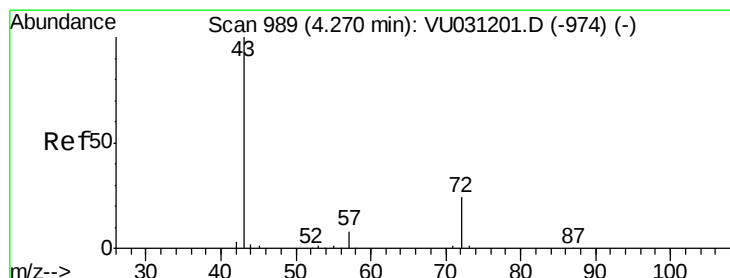
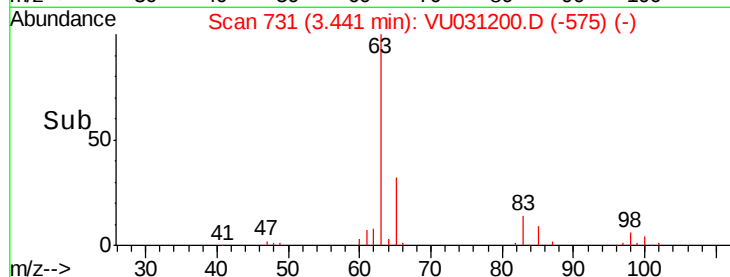
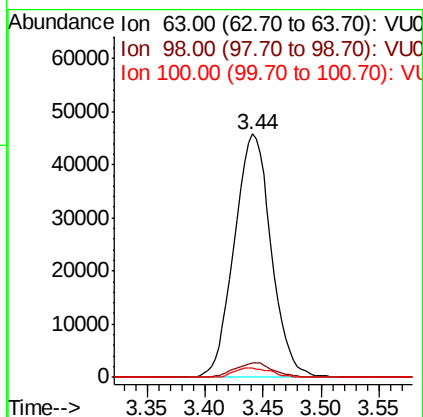
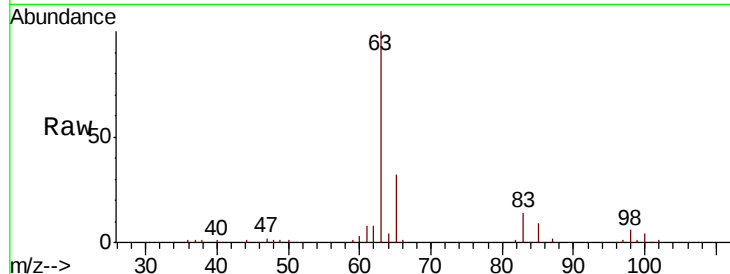




#17
 1,1-Dichloroethane
 Concen: 4.739 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

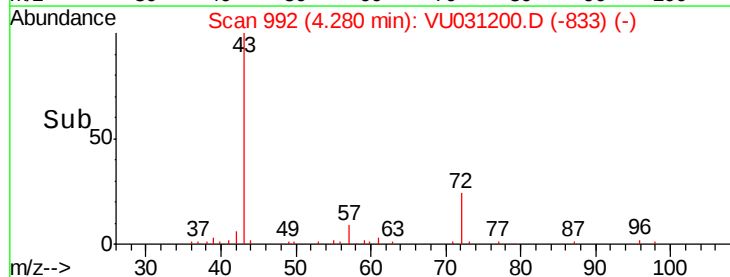
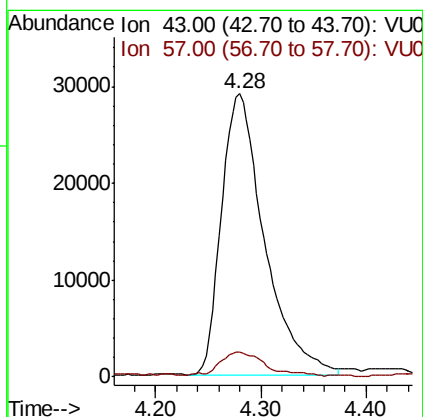
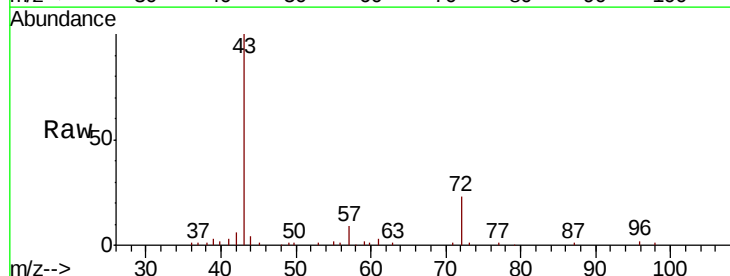
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

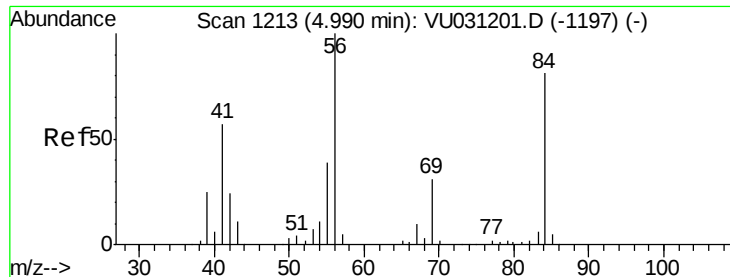
Tgt Ion: 63 Resp: 101405
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.7 2.0 5.8



#18
 2-Butanone
 Concen: 22.377 ug/l
 RT: 4.28 min Scan# 992
 Delta R.T. 0.01 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 43 Resp: 82203
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 16.2

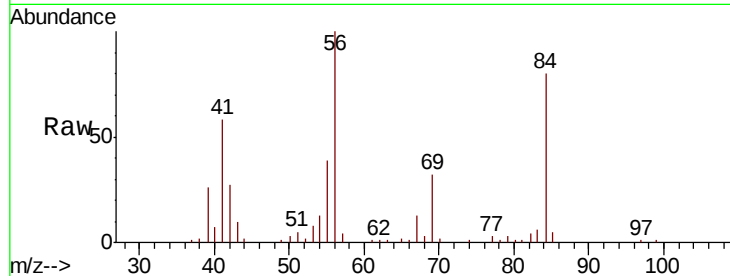




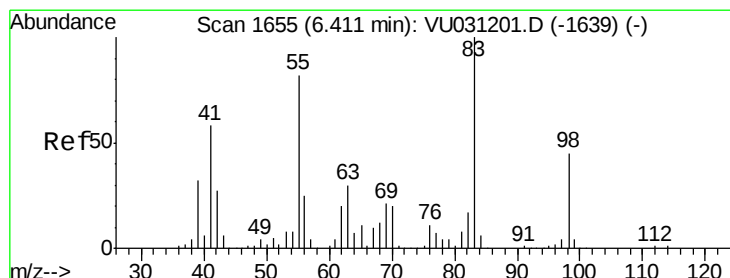
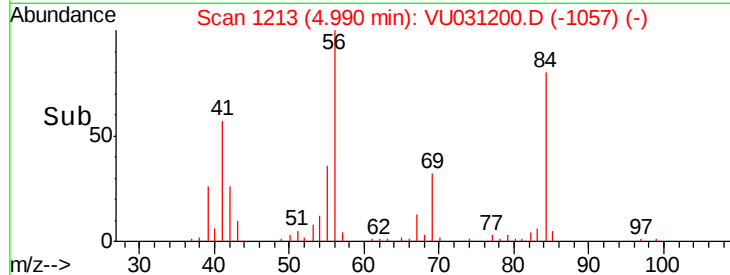
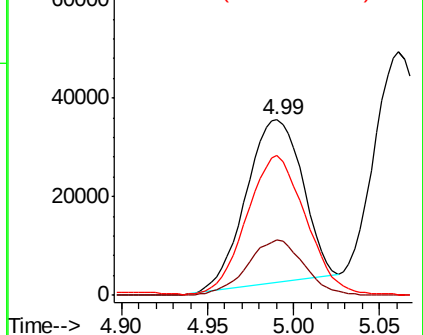
#19
Cyclohexane
Concen: 4.358 ug/l
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 75214
Ion Ratio Lower Upper
56 100
69 33.8 28.3 42.5
84 89.0 75.2 112.8

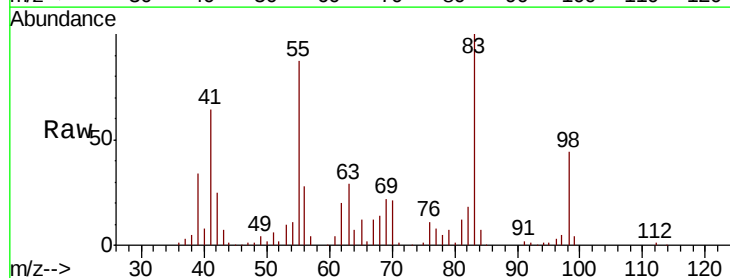


Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

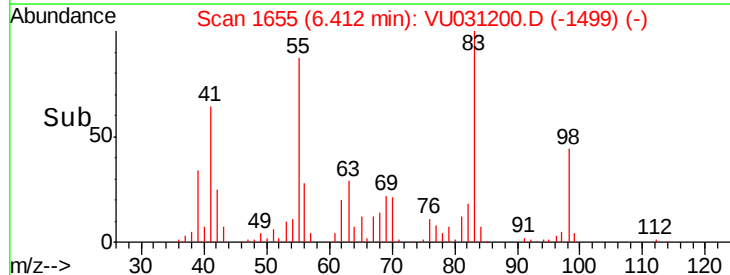
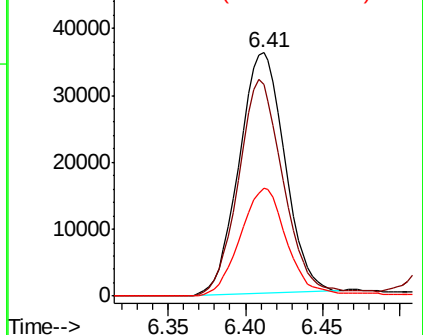


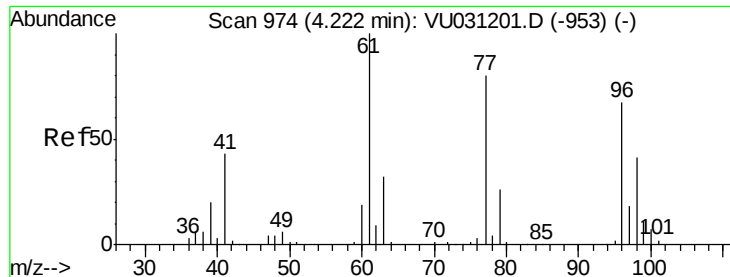
#20
Methylcyclohexane
Concen: 4.943 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 83 Resp: 74029
Ion Ratio Lower Upper
83 100
55 85.9 68.2 102.2
98 43.6 35.8 53.8



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

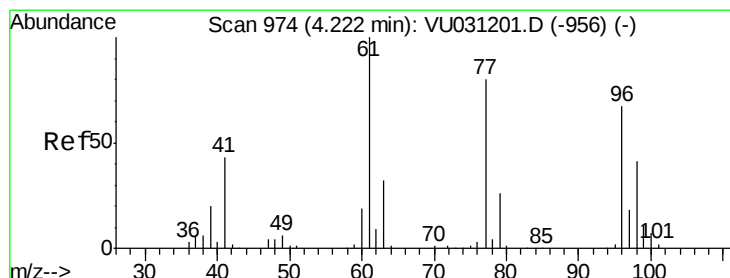
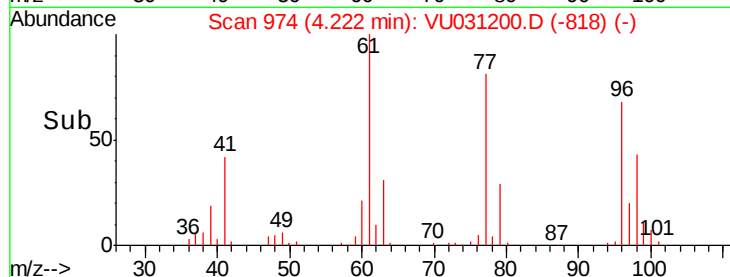
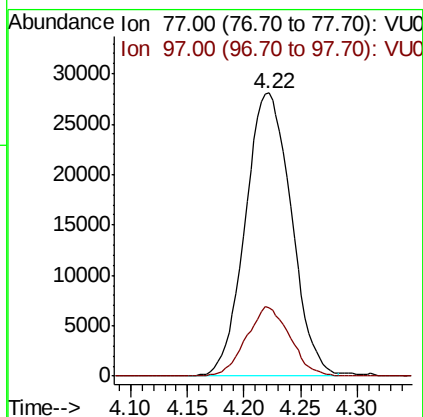
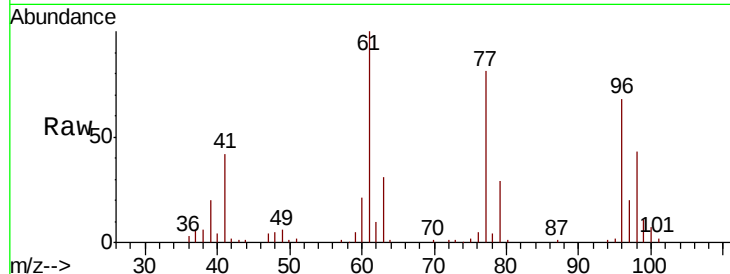




#21
 2,2-Dichloropropane
 Concen: 4.801 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

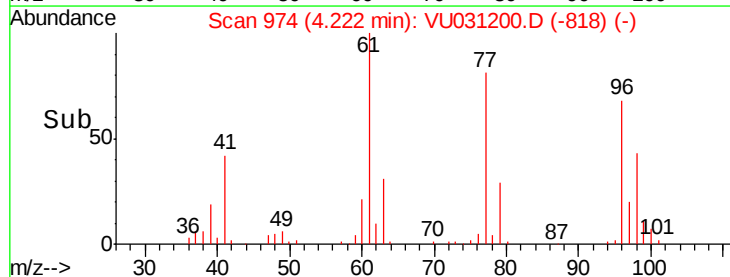
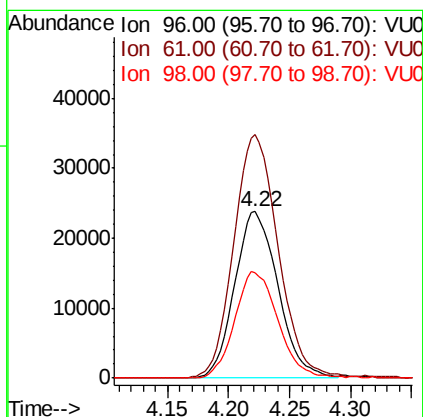
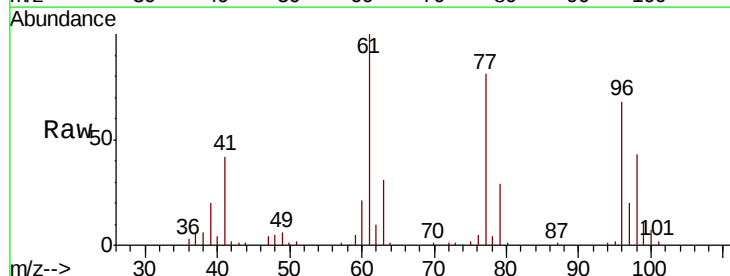
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

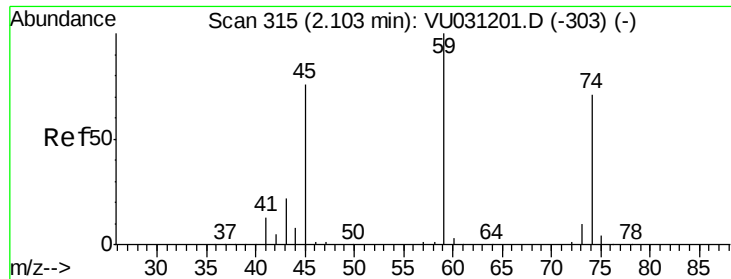
Tgt Ion: 77 Resp: 79358
 Ion Ratio Lower Upper
 77 100
 97 23.2 18.2 27.2



#22
 cis-1,2-Dichloroethene
 Concen: 5.313 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 96 Resp: 58645
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 380.0
 98 63.8 32.3 96.9

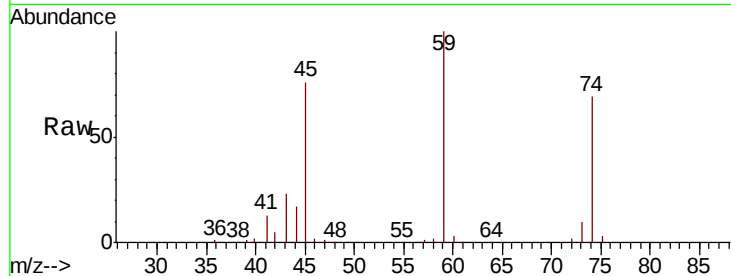




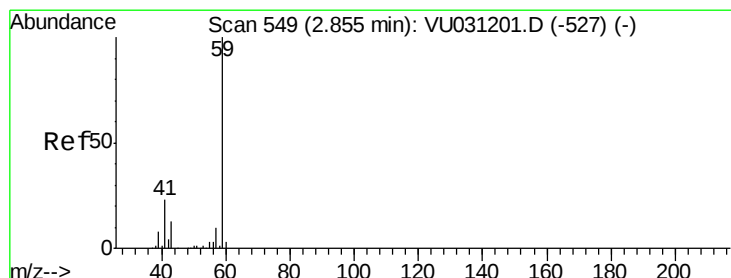
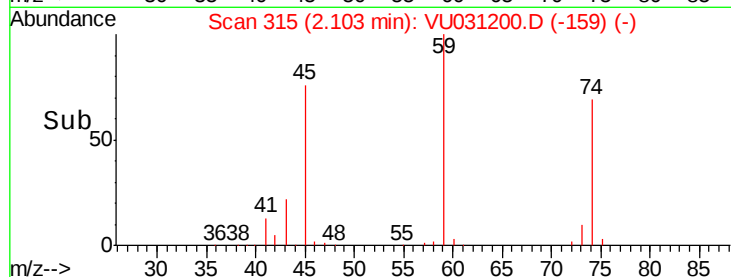
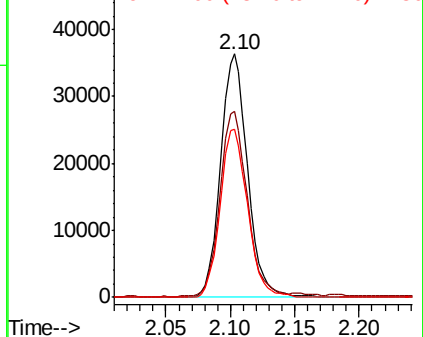
#23
Diethyl Ether
Concen: 5.414 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 52648
Ion Ratio Lower Upper
59 100
45 76.8 61.8 92.6
74 70.1 55.8 83.8

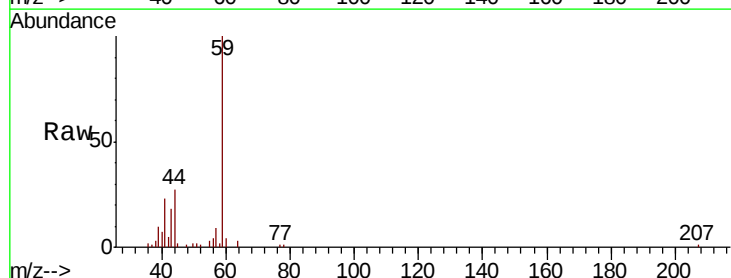


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

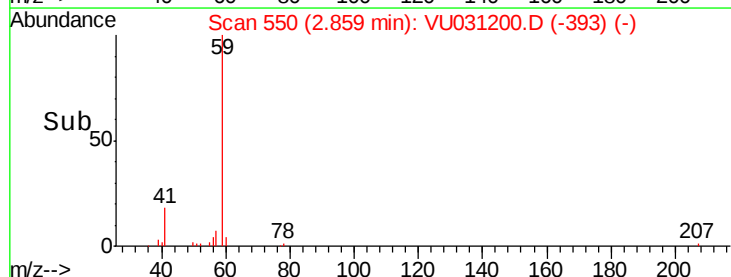
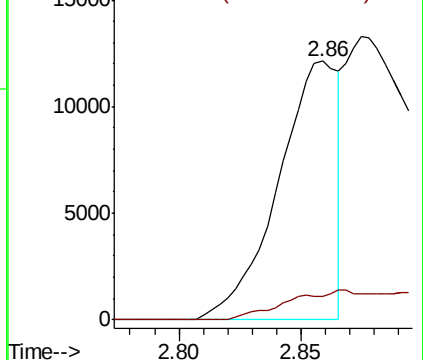


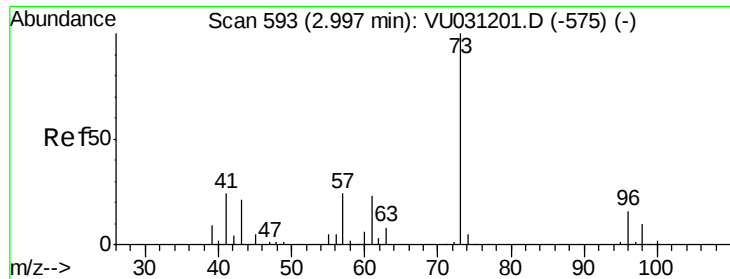
#24
tert-Butyl Alcohol
Concen: 18.194 ug/l
RT: 2.86 min Scan# 550
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 59 Resp: 20669
Ion Ratio Lower Upper
59 100
57 7.9 8.4 12.6#



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



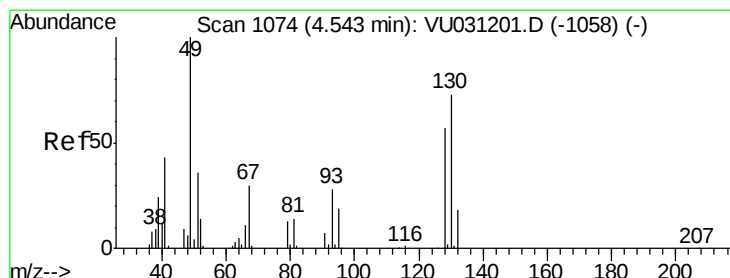
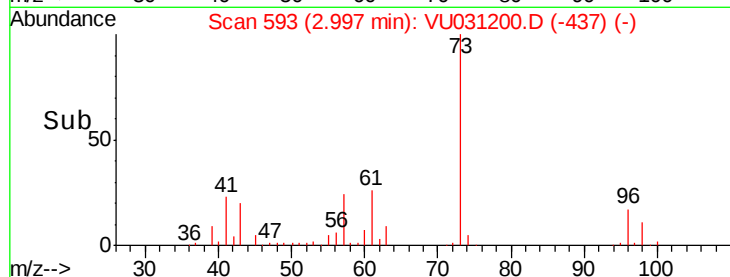
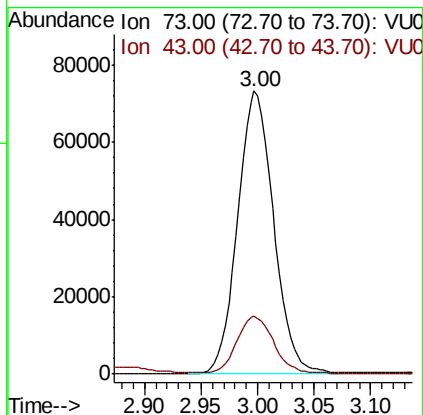
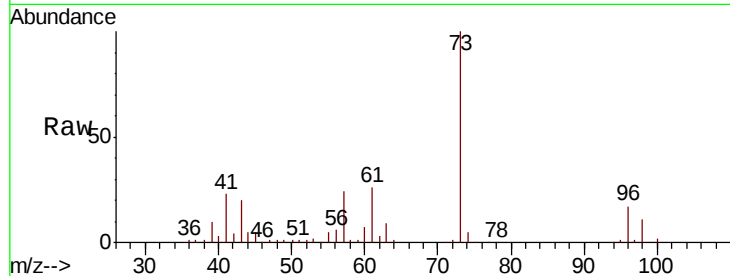


#25

Methyl tert-Butyl Ether
 Concen: 5.387 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

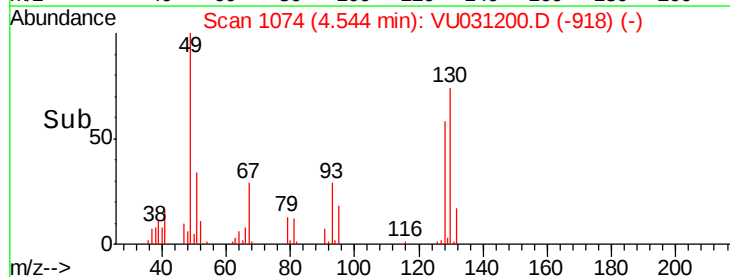
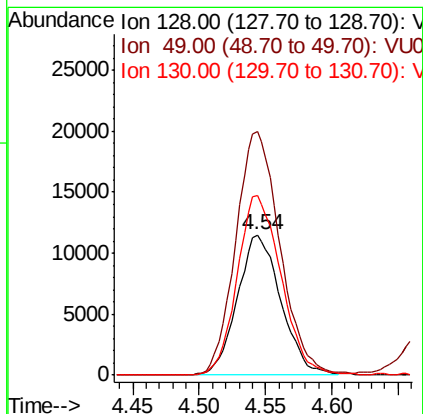
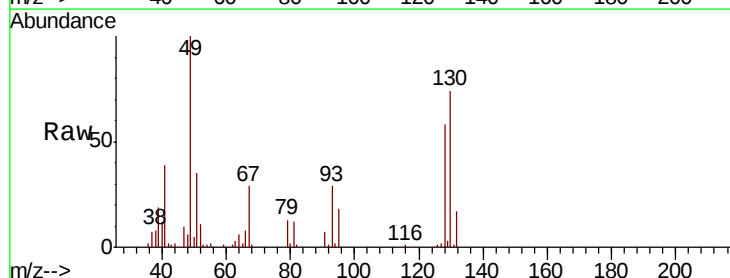
Tgt Ion: 73 Resp: 162762
 Ion Ratio Lower Upper
 73 100
 43 19.7 16.2 24.4

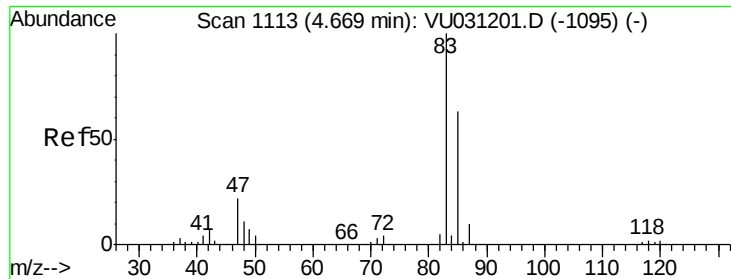


#26

Bromochloromethane
 Concen: 5.504 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 128 Resp: 26312
 Ion Ratio Lower Upper
 128 100
 49 176.7 0.0 345.8
 130 128.8 103.4 155.2

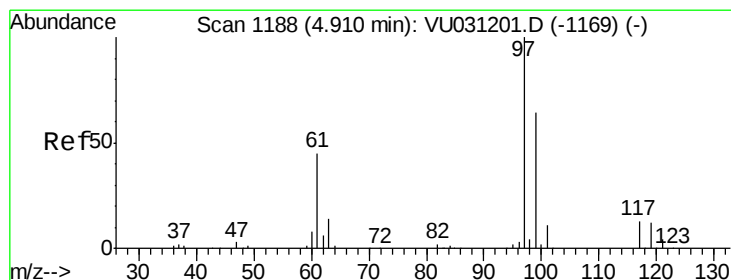
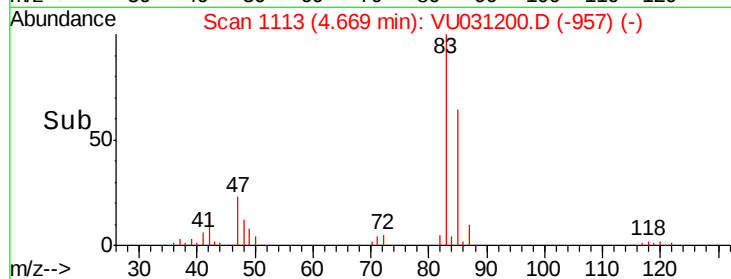
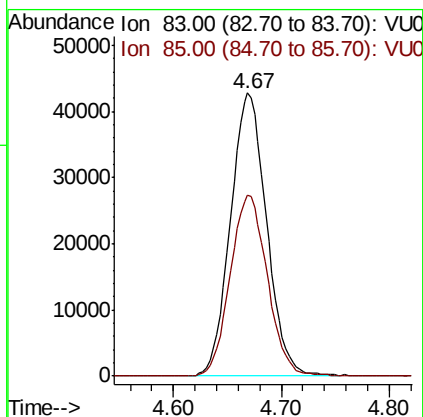
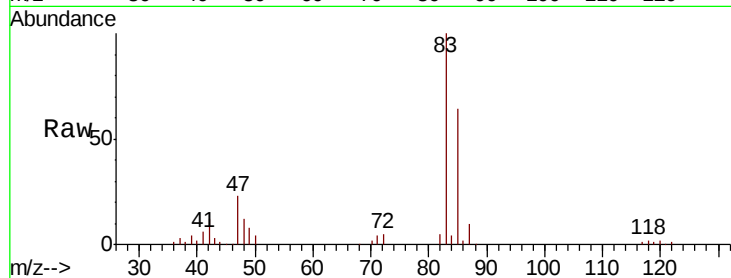




#27
Chloroform
Concen: 4.926 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

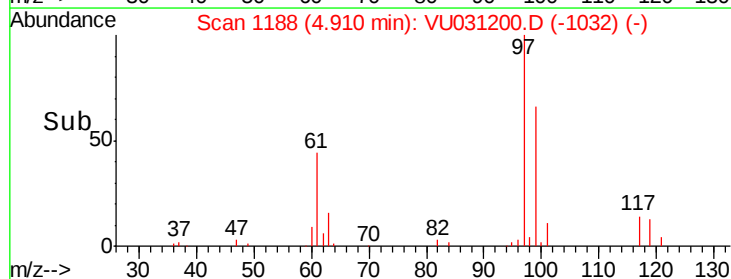
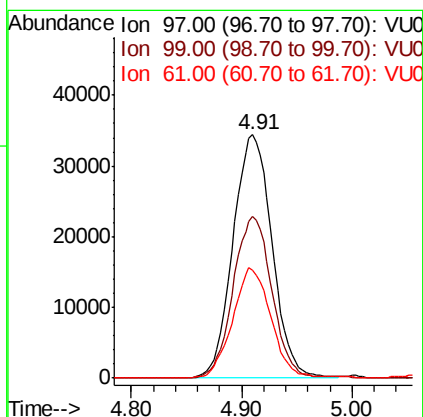
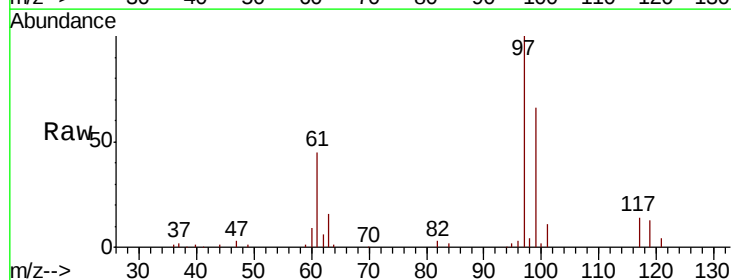
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

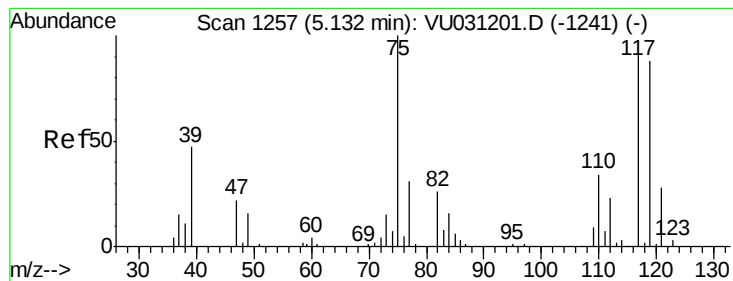
Tgt Ion: 83 Resp: 99820
Ion Ratio Lower Upper
83 100
85 64.0 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 5.067 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 97 Resp: 84538
Ion Ratio Lower Upper
97 100
99 65.6 32.0 96.0
61 44.2 22.2 66.6





#29

1,1-Dichloropropene

Concen: 4.988 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

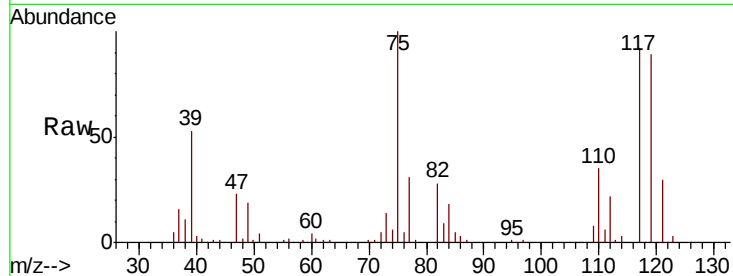
Tgt Ion: 75 Resp: 72888

Ion Ratio Lower Upper

75 100

110 35.2 17.2 51.5

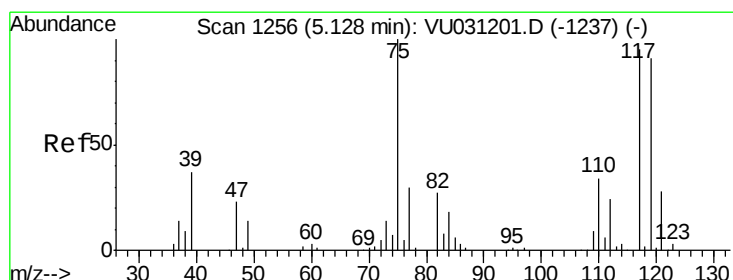
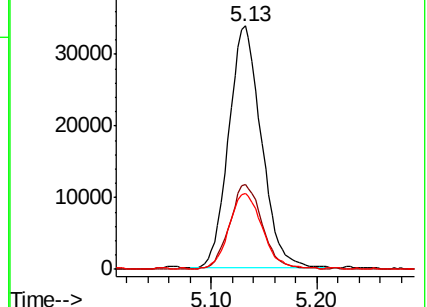
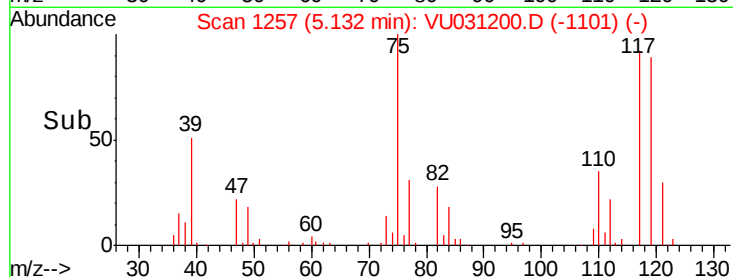
77 31.0 24.9 37.3



Abundance Ion 75.00 (74.70 to 75.70): VU031200.D (-1101) (-)

Ion 110.00 (109.70 to 110.70): VU031200.D (-1101) (-)

Ion 77.00 (76.70 to 77.70): VU031200.D (-1101) (-)



#30

Carbon Tetrachloride

Concen: 5.151 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

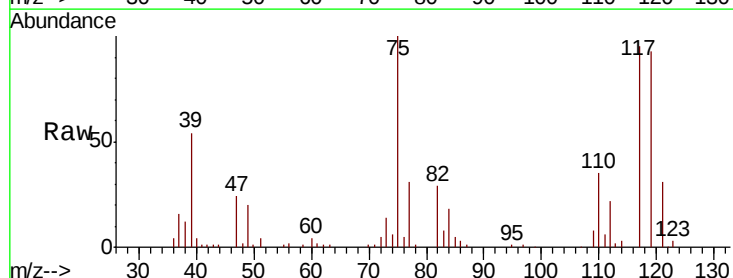
Tgt Ion: 117 Resp: 75048

Ion Ratio Lower Upper

117 100

119 98.3 76.2 114.4

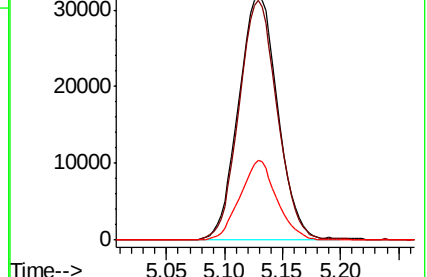
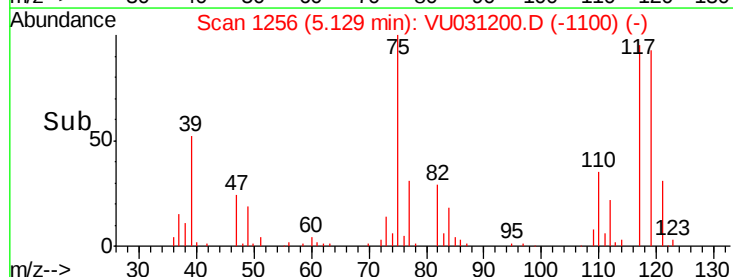
121 32.6 23.8 35.8

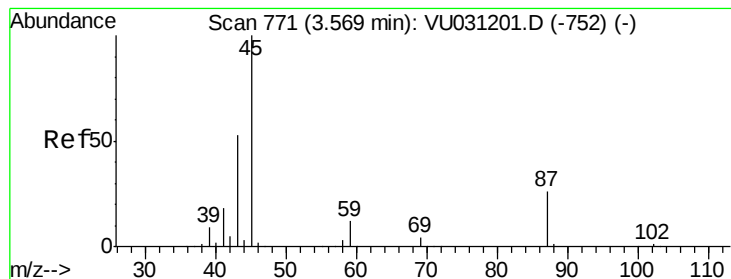


Abundance Ion 117.00 (116.70 to 117.70): VU031200.D (-1100) (-)

Ion 119.00 (118.70 to 119.70): VU031200.D (-1100) (-)

Ion 121.00 (120.70 to 121.70): VU031200.D (-1100) (-)





#31

Isopropyl Ether

Concen: 4.209 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

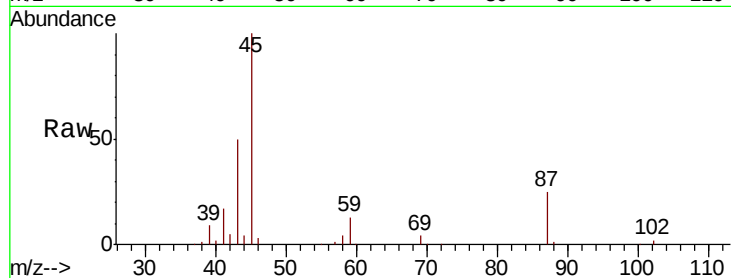
VSTDIC005

Tgt Ion: 45 Resp: 146297

Ion Ratio Lower Upper

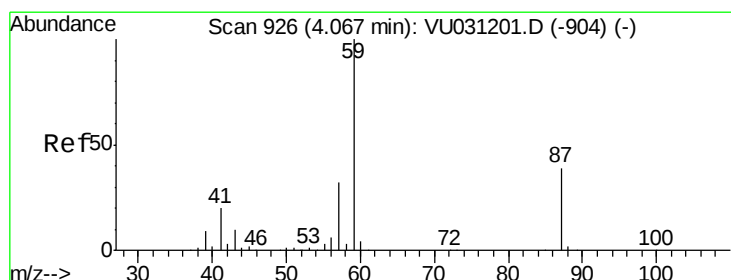
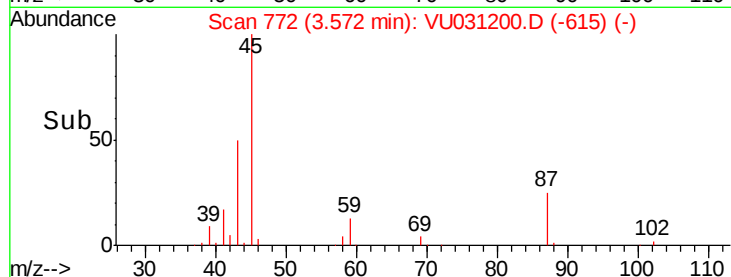
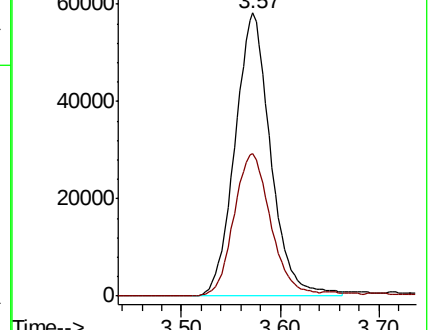
45 100

43 52.1 26.4 79.2



Abundance Ion 45.00 (44.70 to 45.70): VU031201.D (-752) (-)

Ion 43.00 (42.70 to 43.70): VU031201.D (-752) (-)



#32

Ethyl-t-butyl ether

Concen: 4.392 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031200.D

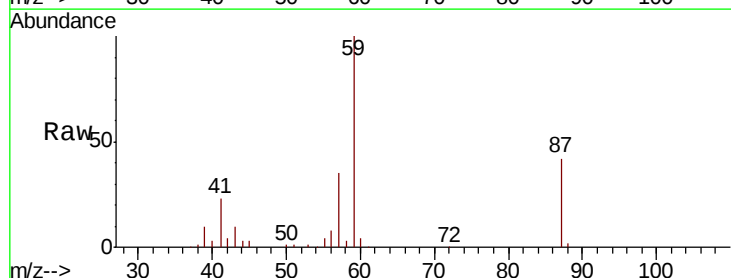
Acq: 15 Apr 2019 21:54

Tgt Ion: 59 Resp: 124070

Ion Ratio Lower Upper

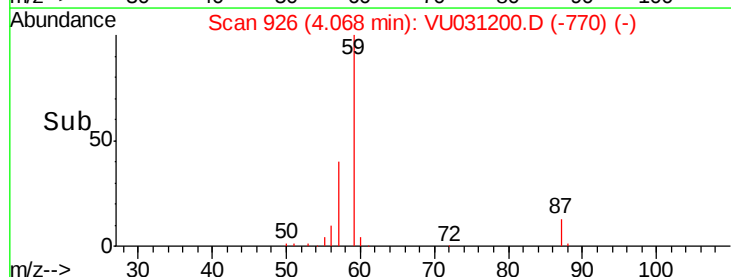
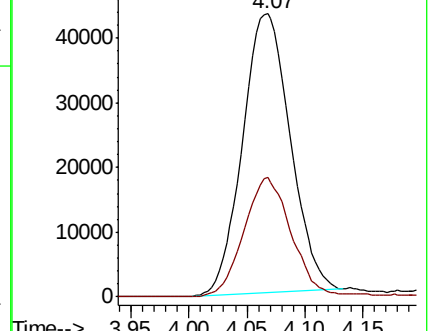
59 100

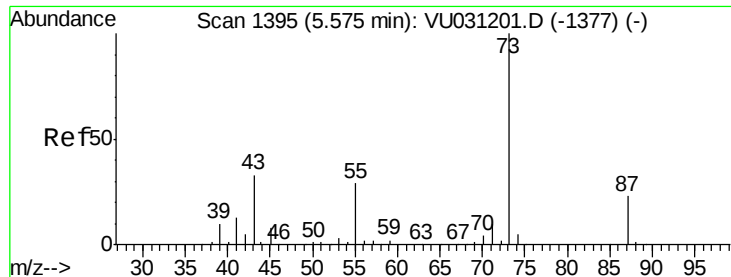
87 40.8 32.2 48.2



Abundance Ion 59.00 (58.70 to 59.70): VU031201.D (-904) (-)

Ion 87.00 (86.70 to 87.70): VU031201.D (-904) (-)

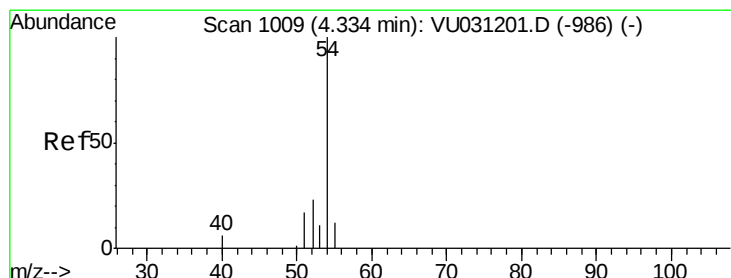
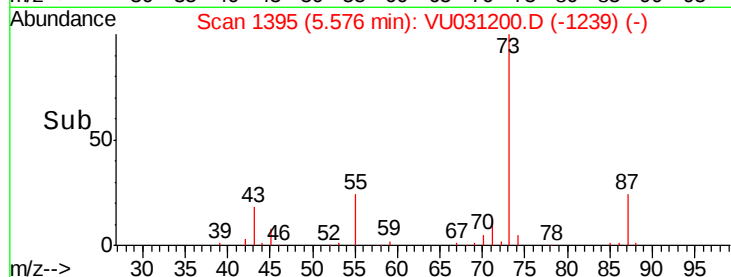
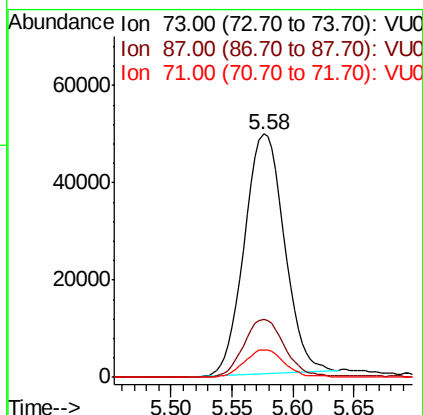
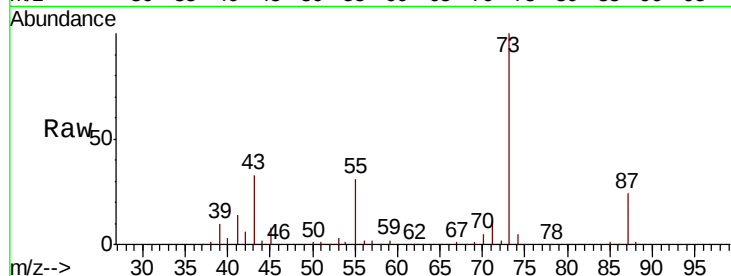




#33
Tert-Amyl methyl ether
Concen: 4.696 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

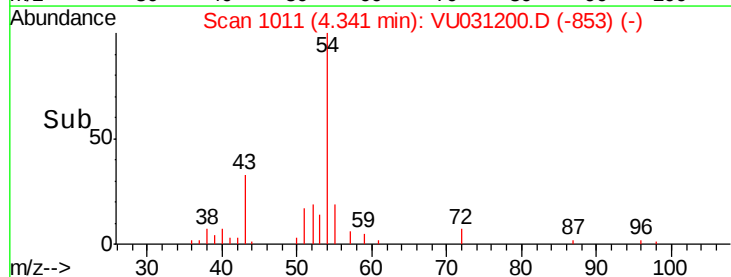
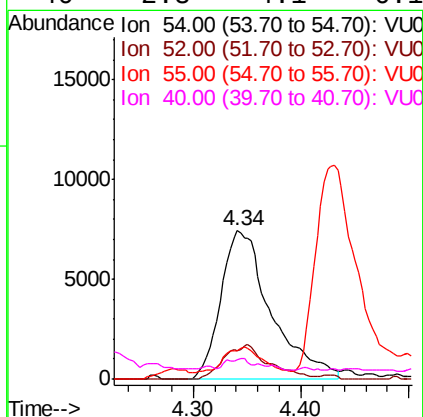
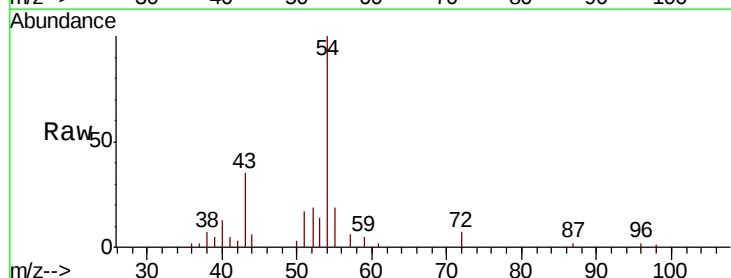
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

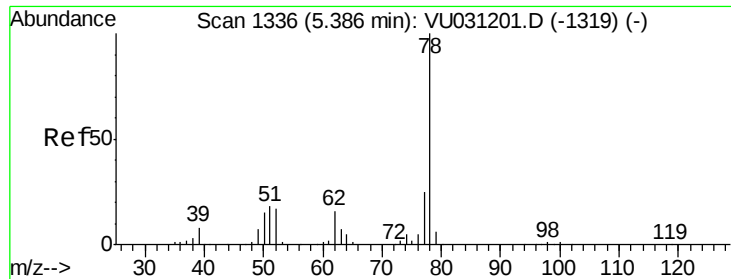
Tgt Ion: 73 Resp: 111561
Ion Ratio Lower Upper
73 100
87 23.9 18.4 27.6
71 11.2 8.8 13.2



#34
Propionitrile
Concen: 26.287 ug/l
RT: 4.34 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 54 Resp: 24003
Ion Ratio Lower Upper
54 100
52 20.5 15.9 23.9
55 13.5 8.9 13.3#
40 2.8 4.1 6.1#





#35

Benzene

Concen: 4.995 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

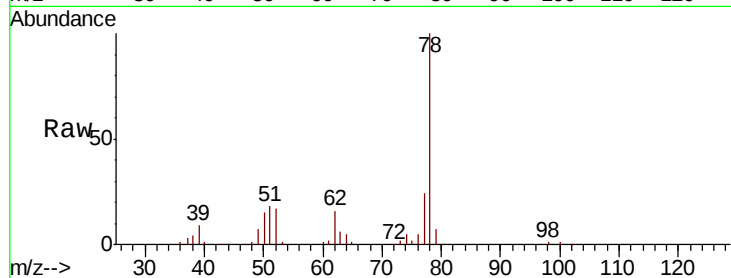
VSTDIC005

Tgt Ion: 78 Resp: 216686

Ion Ratio Lower Upper

78 100

77 24.1 19.6 29.4



Abundance Ion 78.10 (77.80 to 78.80): VU031201.D (-1319) (-)

Ion 77.00 (76.70 to 77.70): VU031201.D (-1319) (-)

5.39

100000

80000

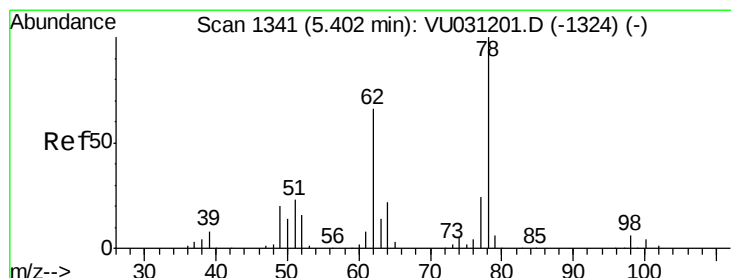
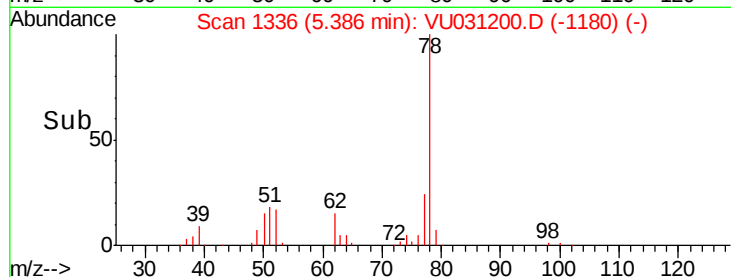
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 4.917 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU031200.D

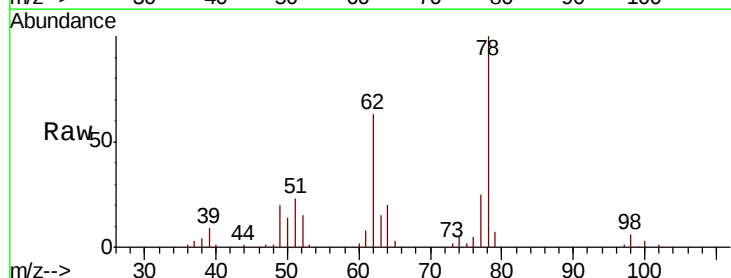
Acq: 15 Apr 2019 21:54

Tgt Ion: 62 Resp: 67853

Ion Ratio Lower Upper

62 100

98 8.1 7.0 10.6



Abundance Ion 62.00 (61.70 to 62.70): VU031201.D (-1324) (-)

Ion 98.00 (97.70 to 98.70): VU031201.D (-1324) (-)

5.40

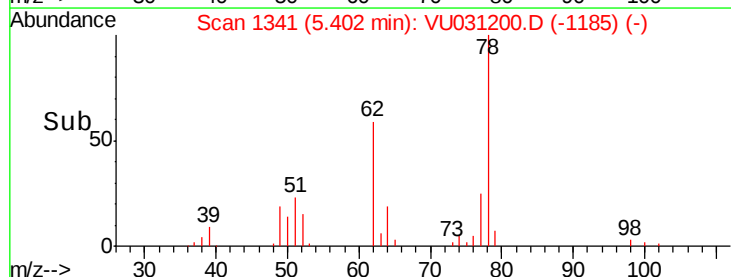
30000

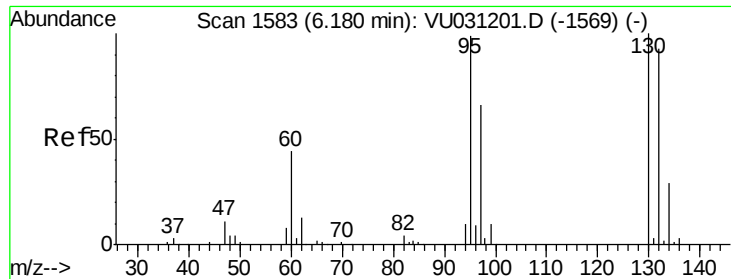
20000

10000

0

Time-->

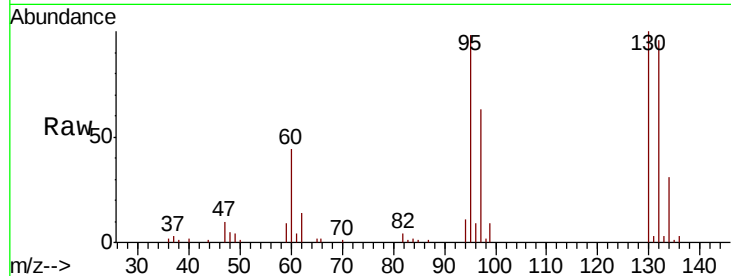




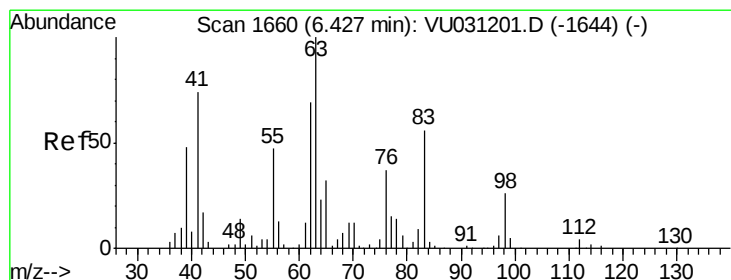
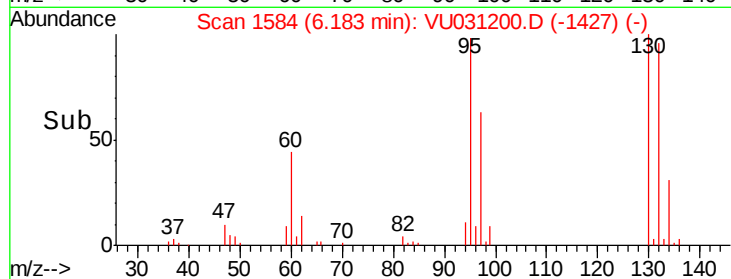
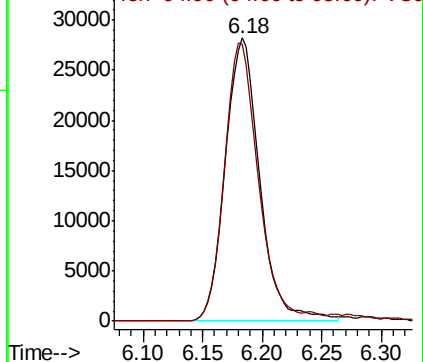
#37
 Trichloroethene
 Concen: 5.355 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:130 Resp: 56540
 Ion Ratio Lower Upper
 130 100
 95 97.7 79.3 118.9

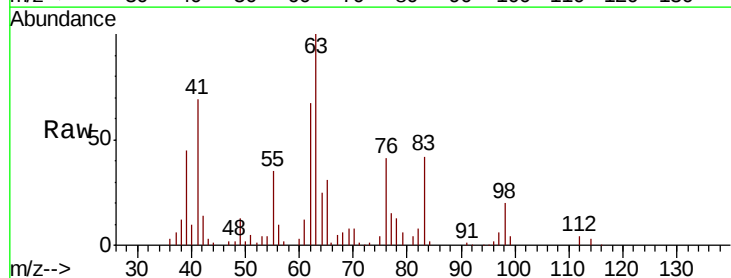


Abundance Ion 129.90 (129.60 to 130.60): VU031201.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU031200.D (-1427) (-)

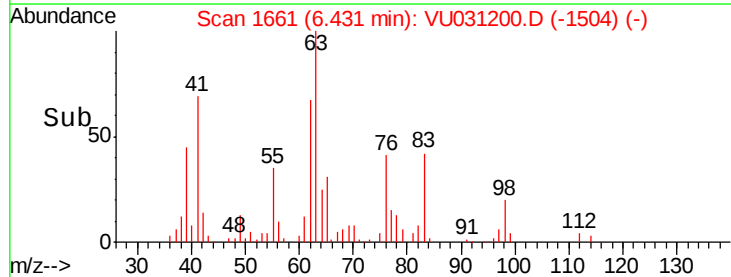
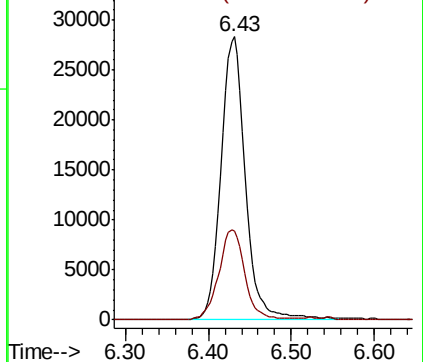


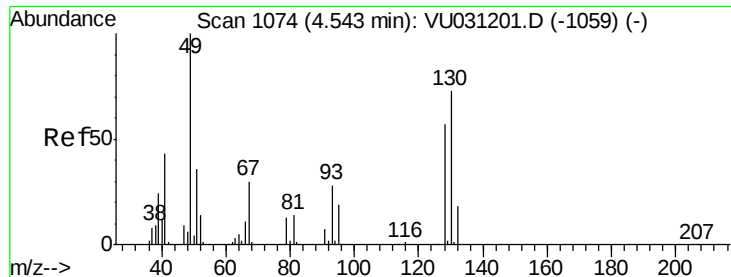
#38
 1,2-Dichloropropane
 Concen: 4.660 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 63 Resp: 57658
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU031201.D (-1644) (-)
 Ion 65.00 (64.70 to 65.70): VU031200.D (-1504) (-)

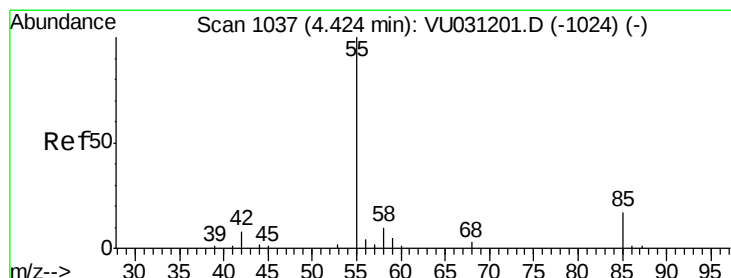
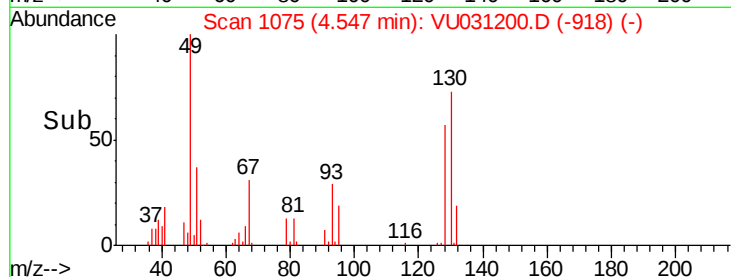
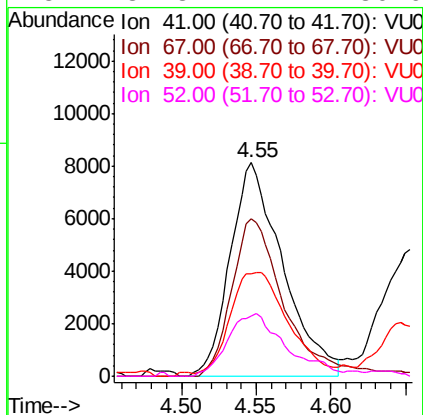
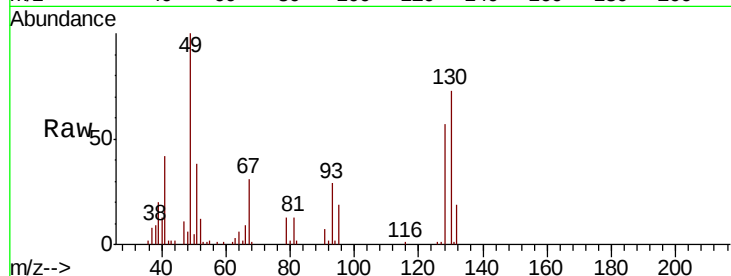




#39
Methacrylonitrile
Concen: 4.399 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

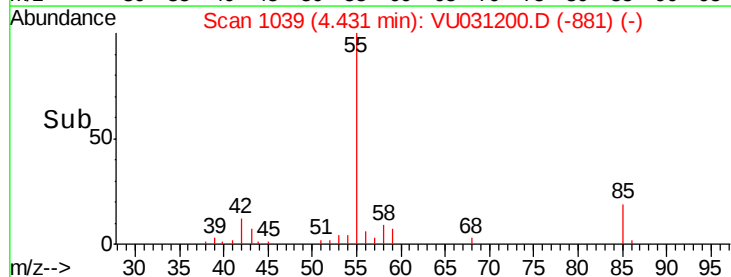
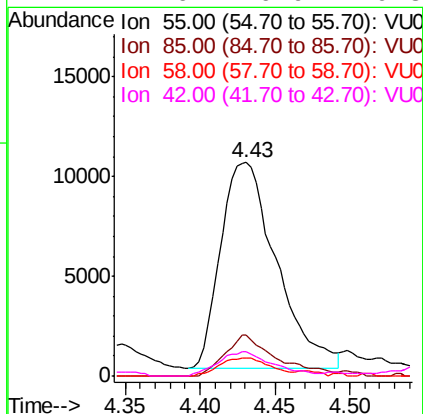
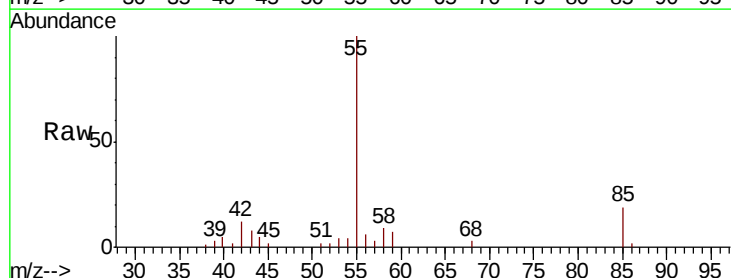
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

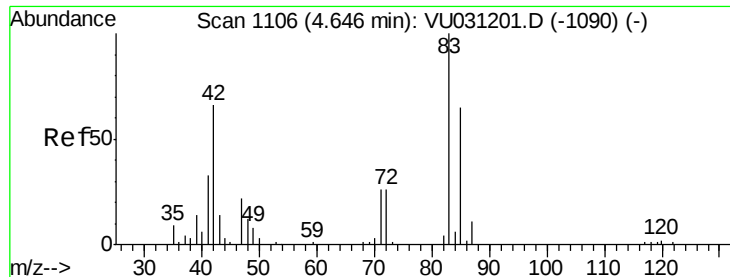
Tgt Ion:	41	Resp:	19864
Ion	Ratio	Lower	Upper
41	100		
67	73.5	59.7	89.5
39	50.7	42.2	63.2
52	32.3	24.4	36.6



#40
Methyl acrylate
Concen: 4.827 ug/l
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion:	55	Resp:	26781
Ion	Ratio	Lower	Upper
55	100		
85	18.1	12.2	18.2
58	7.8	7.0	10.6
42	11.6	6.9	10.3#





#41

Tetrahydrofuran

Concen: 8.732 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

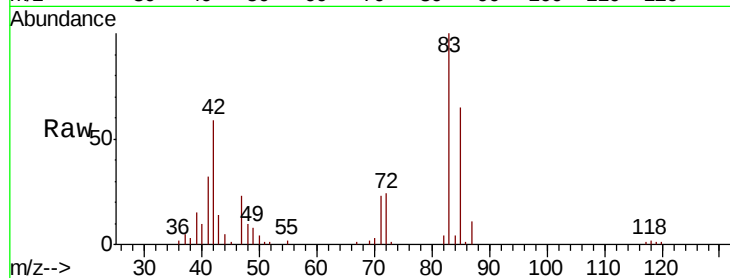
Tgt Ion: 42 Resp: 21219

Ion Ratio Lower Upper

42 100

72 43.4 34.4 51.6

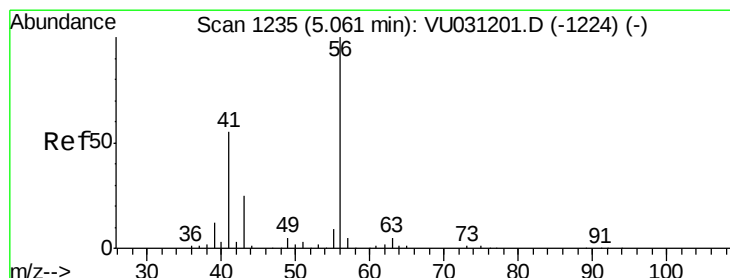
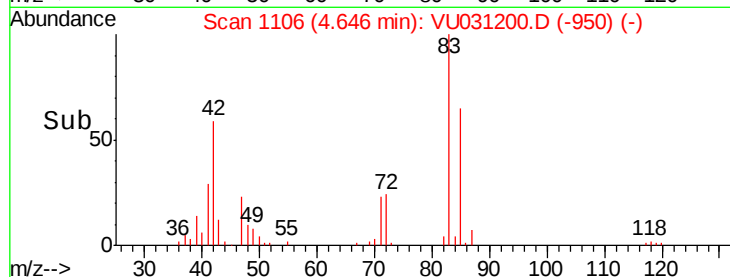
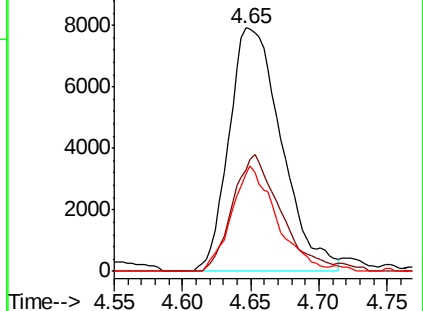
71 36.9 32.0 48.0



Abundance Ion 42.00 (41.70 to 42.70): VU031200.D (-950) (-)

Ion 72.00 (71.70 to 72.70): VU031200.D (-950) (-)

Ion 71.00 (70.70 to 71.70): VU031200.D (-950) (-)



#42

1-Chlorobutane

Concen: 4.884 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU031200.D

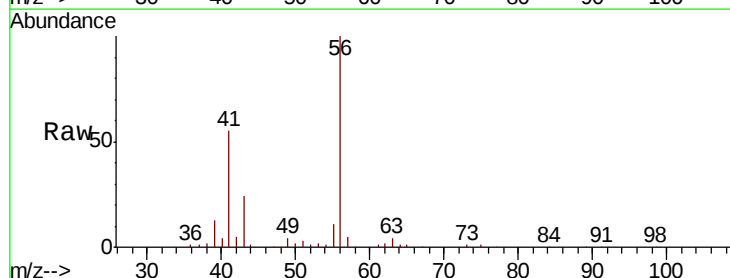
Acq: 15 Apr 2019 21:54

Tgt Ion: 56 Resp: 108420

Ion Ratio Lower Upper

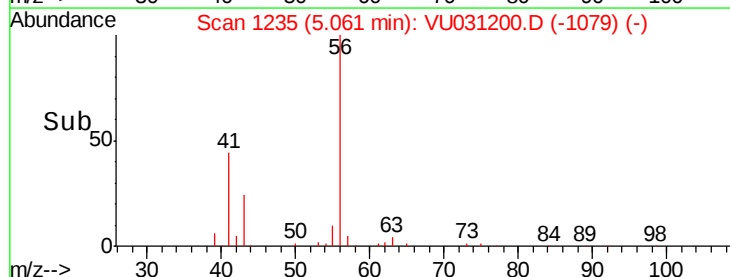
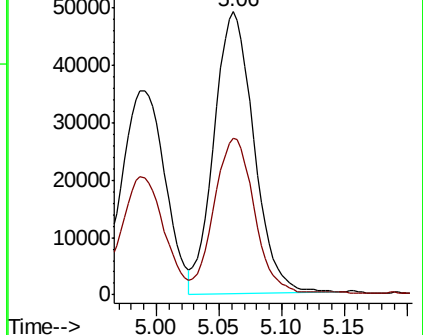
56 100

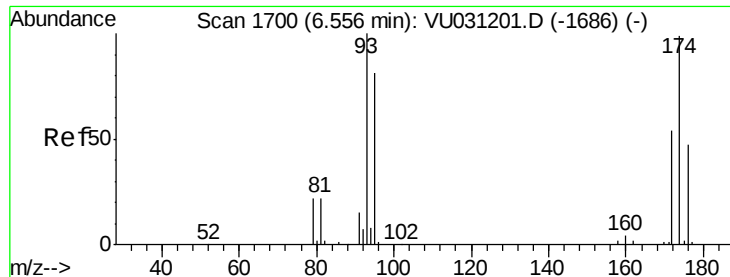
41 54.9 27.3 81.9



Abundance Ion 56.00 (55.70 to 56.70): VU031200.D (-1079) (-)

Ion 41.00 (40.70 to 41.70): VU031200.D (-1079) (-)





#43

Dibromomethane

Concen: 5.273 ug/l

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

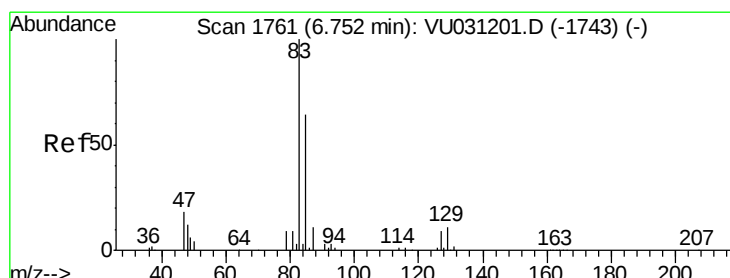
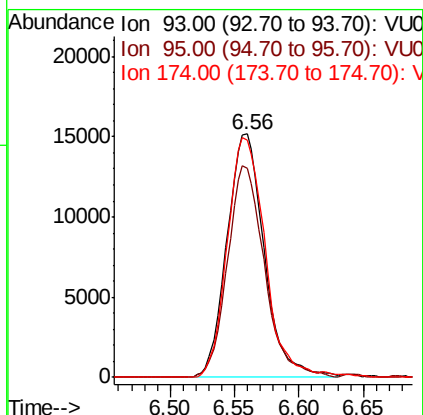
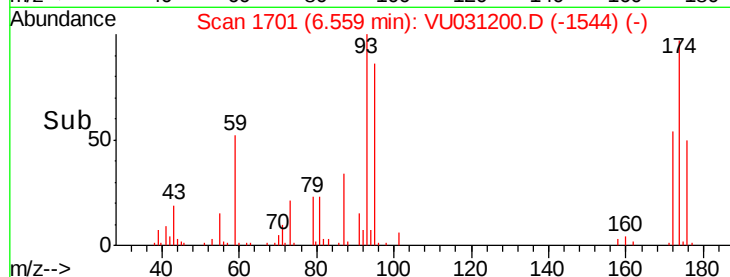
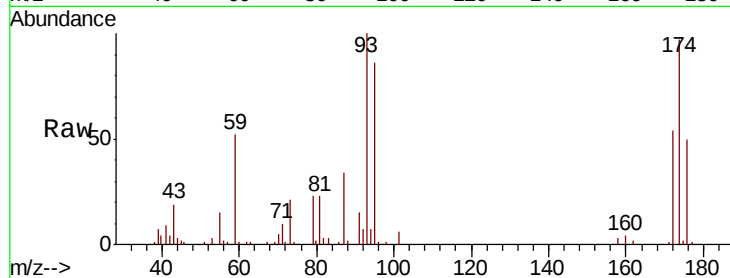
Tgt Ion: 93 Resp: 30602

Ion Ratio Lower Upper

93 100

95 86.0 67.4 101.0

174 98.5 79.1 118.7



#44

Bromodichloromethane

Concen: 4.891 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

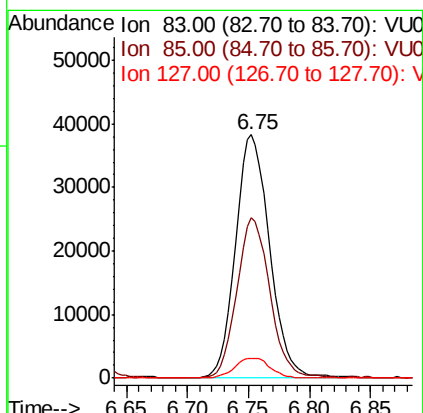
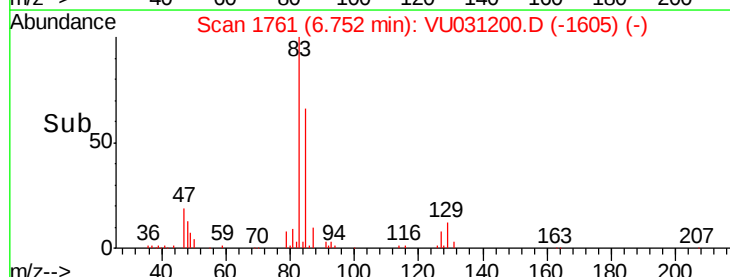
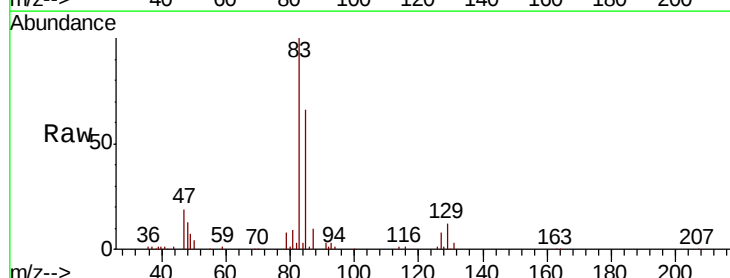
Tgt Ion: 83 Resp: 74147

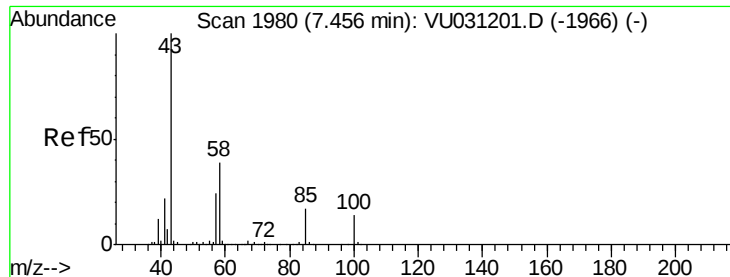
Ion Ratio Lower Upper

83 100

85 65.8 51.0 76.6

127 8.3 7.4 11.0

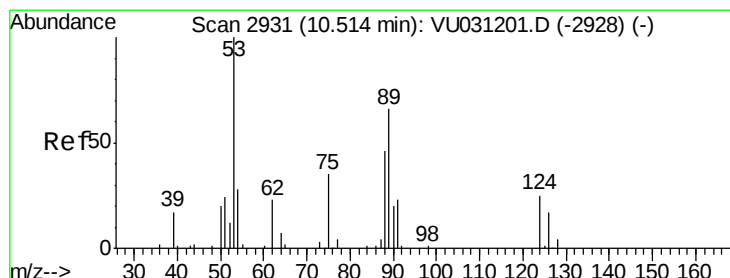
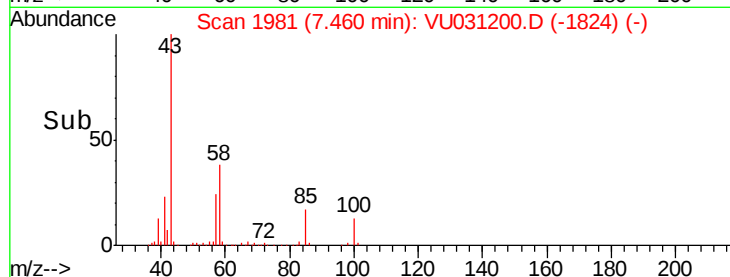
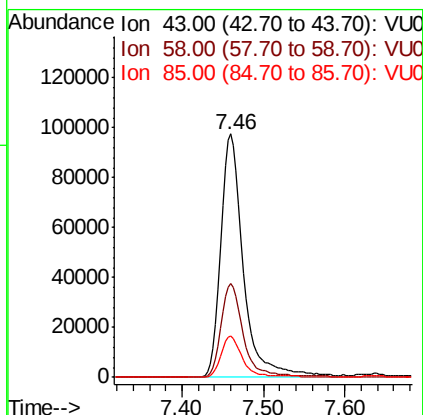
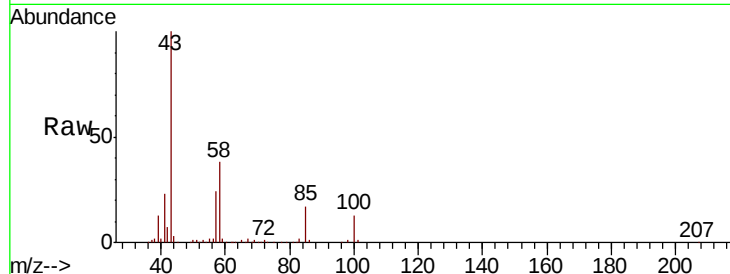




#45
 4-Methyl-2-Pentanone
 Concen: 23.366 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

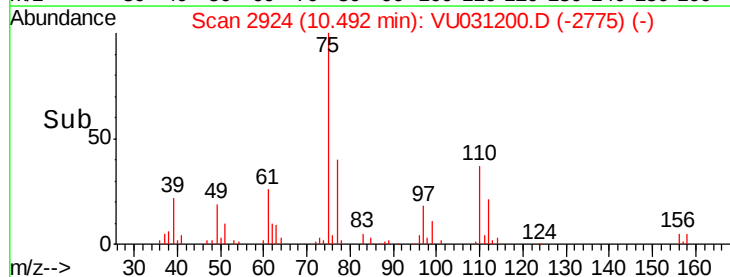
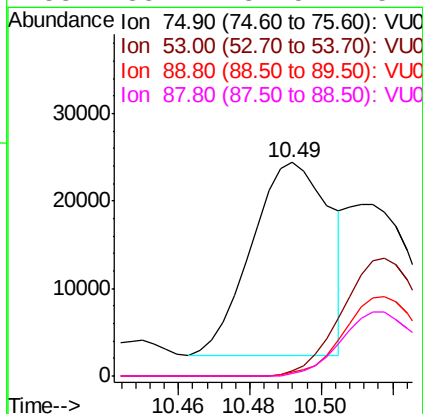
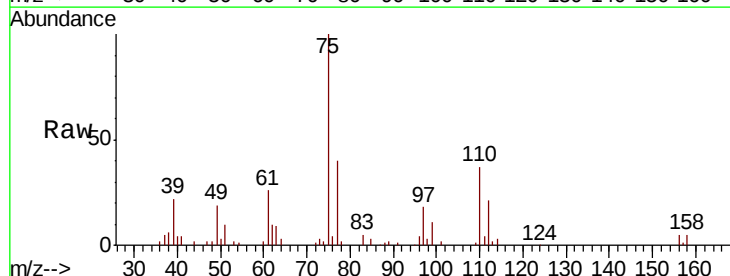
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

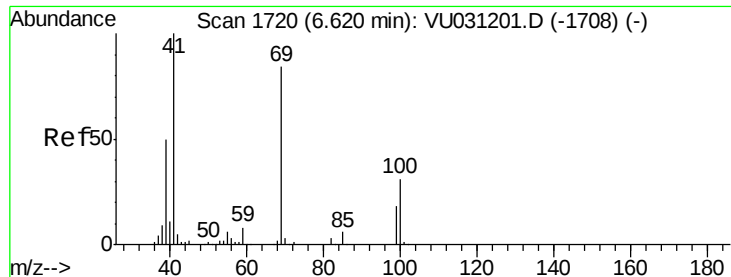
Tgt Ion: 43 Resp: 192879
 Ion Ratio Lower Upper
 43 100
 58 37.4 19.4 58.2
 85 16.3 13.2 19.8



#46
 t-1,4-Dichloro-2-butene
 Concen: 11.802 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 75 Resp: 33536
 Ion Ratio Lower Upper
 75 100
 53 66.8 65.2 97.8
 89 43.3 43.0 64.4
 88 35.4 32.5 48.7

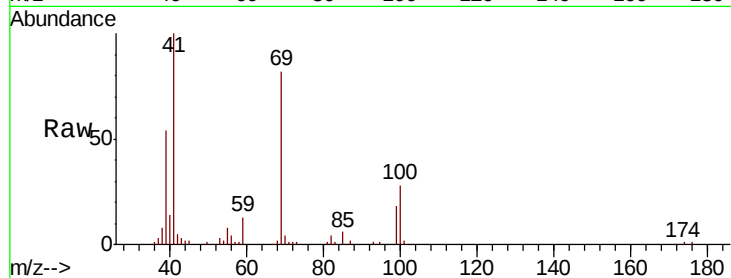




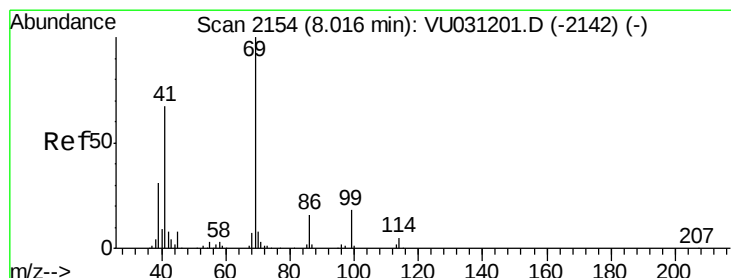
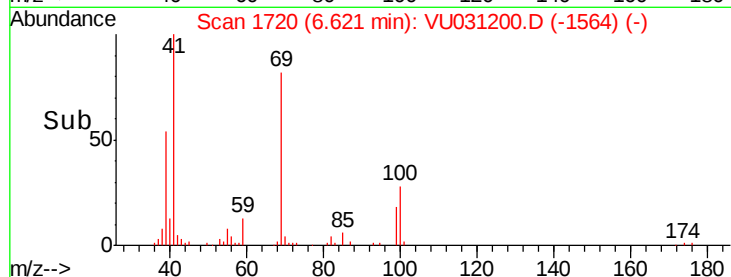
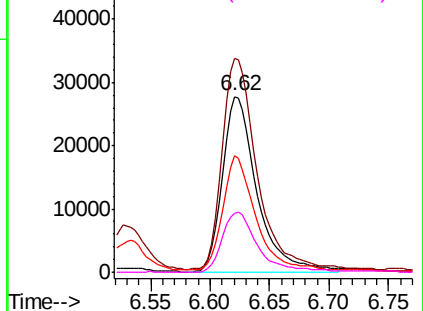
#47
Methyl methacrylate
Concen: 10.587 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 56005
Ion Ratio Lower Upper
69 100
41 118.6 0.0 237.2
39 62.0 47.4 71.2
100 35.4 29.2 43.8

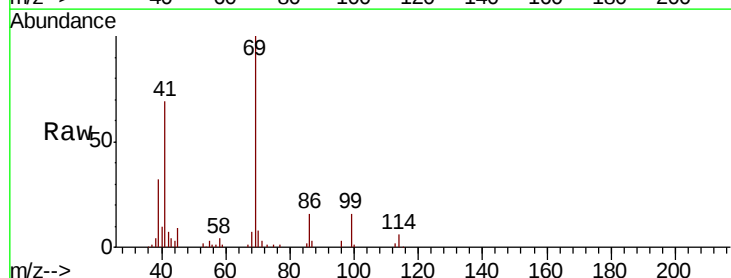


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

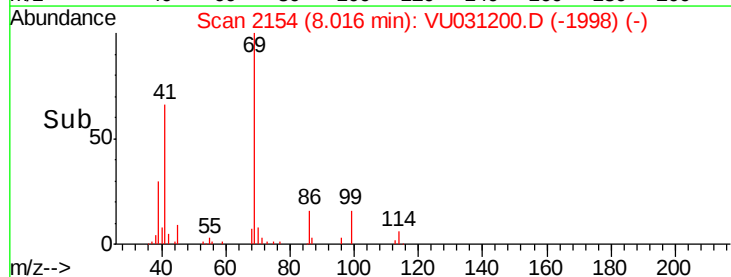
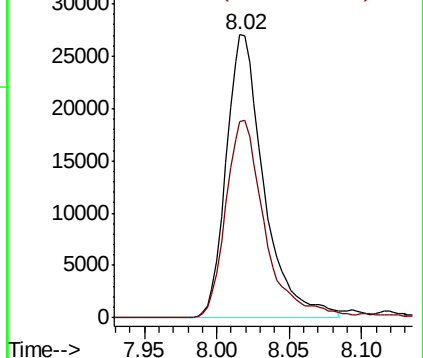


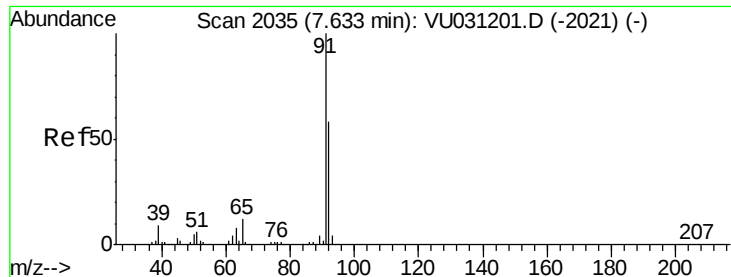
#48
Ethyl methacrylate
Concen: 4.916 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 69 Resp: 48710
Ion Ratio Lower Upper
69 100
41 72.4 32.5 97.5



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





#49

Toluene

Concen: 5.287 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

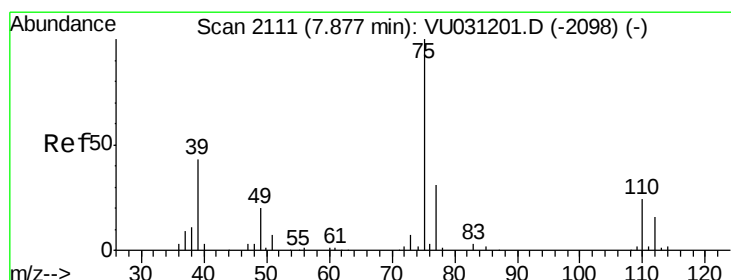
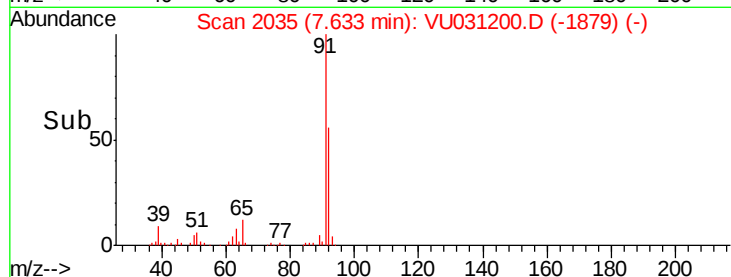
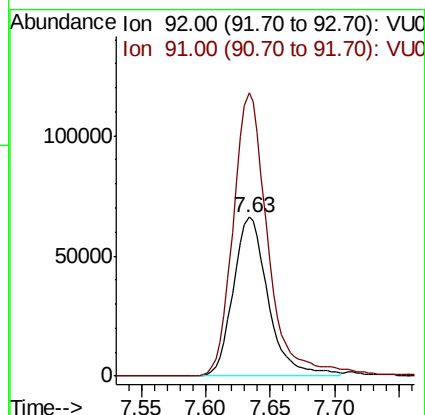
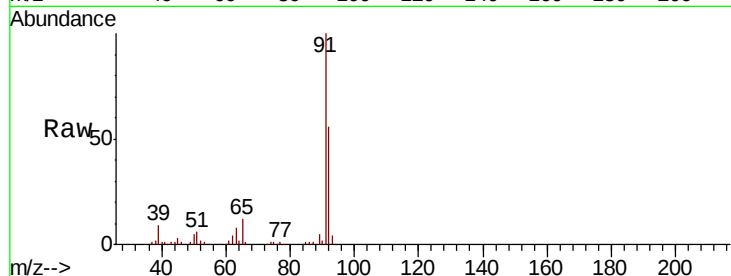
VSTDIC005

Tgt Ion: 92 Resp: 125150

Ion Ratio Lower Upper

92 100

91 178.2 140.2 210.4



#50

t-1,3-Dichloropropene

Concen: 4.998 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031200.D

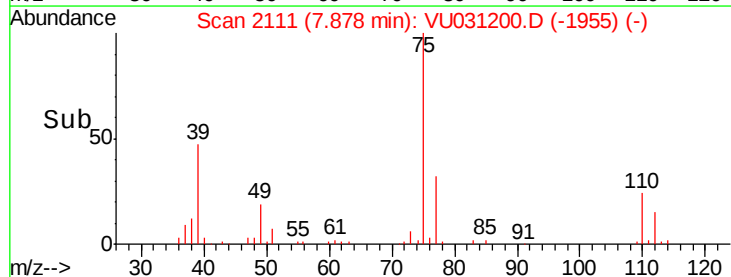
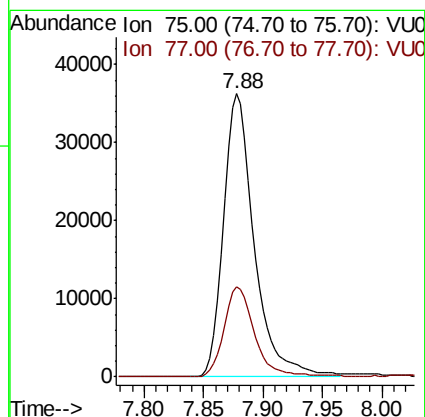
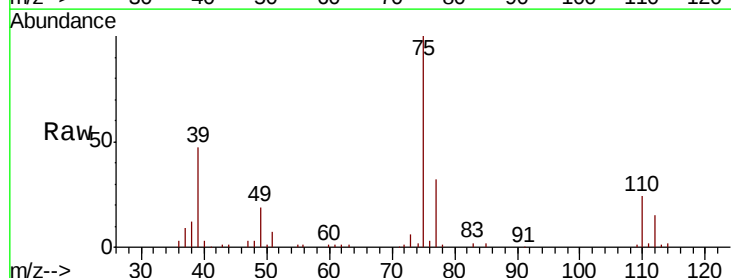
Acq: 15 Apr 2019 21:54

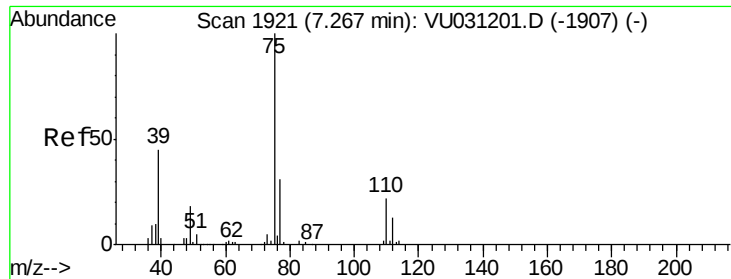
Tgt Ion: 75 Resp: 64964

Ion Ratio Lower Upper

75 100

77 31.9 24.6 37.0

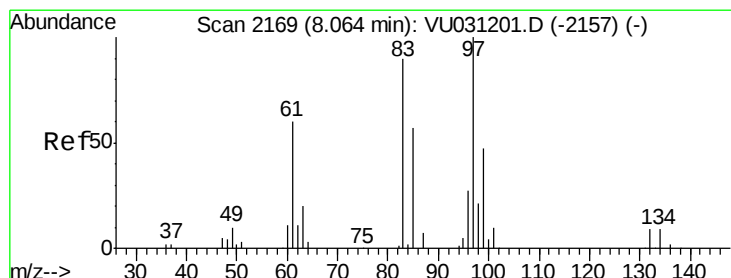
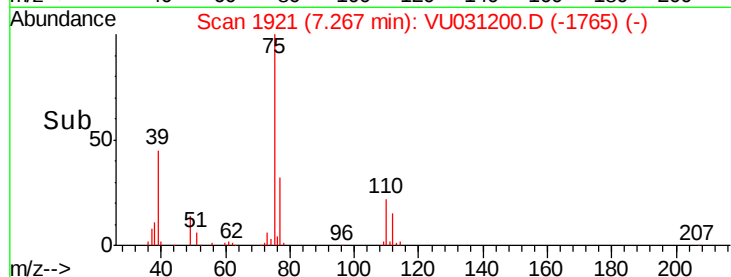
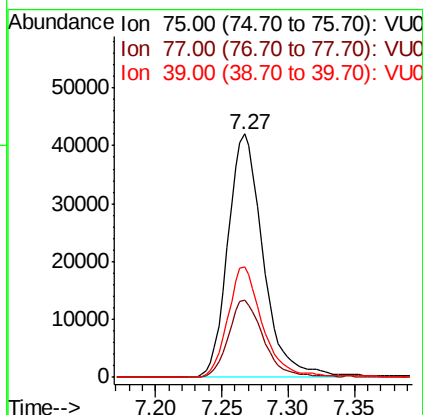
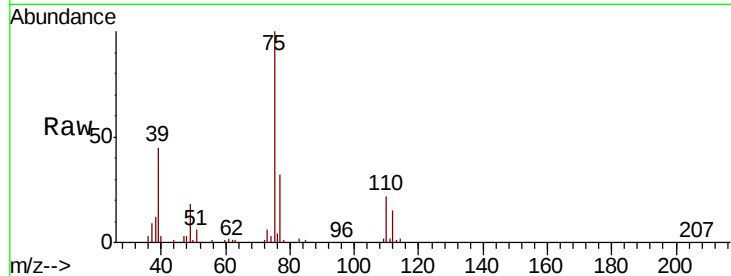




#51
 cis-1,3-Dichloropropene
 Concen: 4.964 ug/l
 RT: 7.27 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

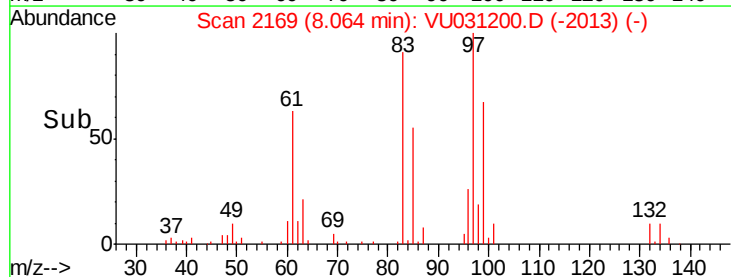
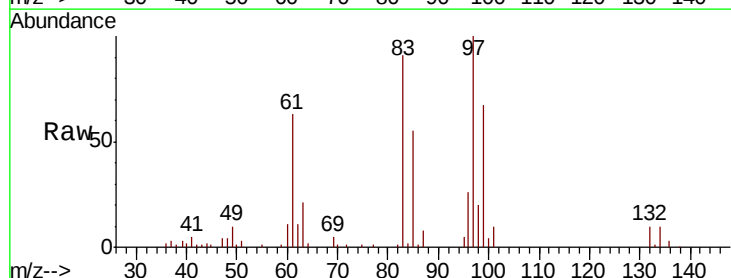
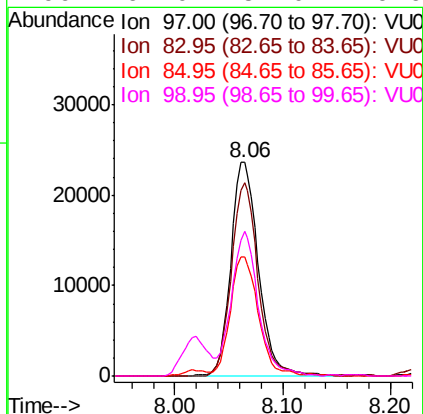
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

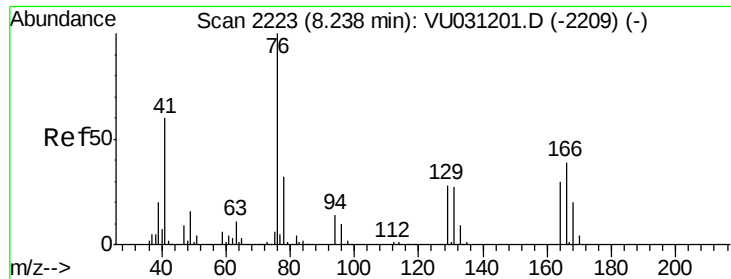
Tgt Ion: 75 Resp: 77531
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.6 37.0
 39 45.5 36.1 54.1



#52
 1,1,2-Trichloroethane
 Concen: 5.062 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 97 Resp: 41912
 Ion Ratio Lower Upper
 97 100
 83 90.6 71.5 107.3
 85 55.5 46.7 70.1
 99 67.0 51.0 76.6

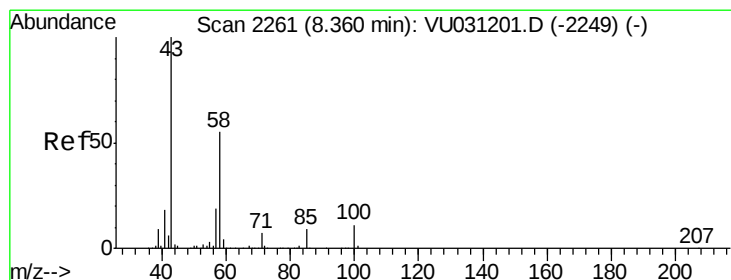
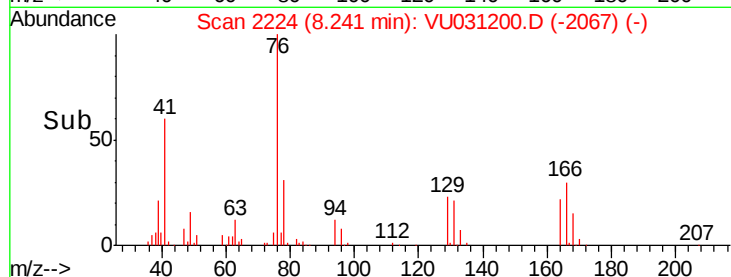
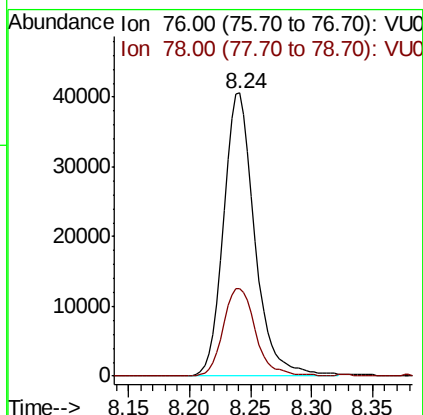
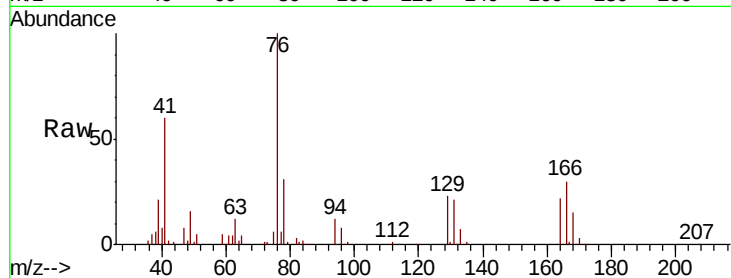




#53
 1,3-Dichloropropane
 Concen: 5.045 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

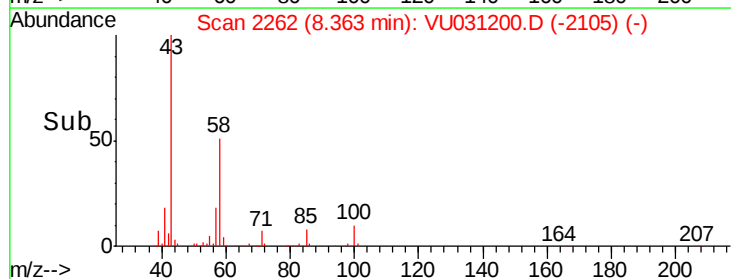
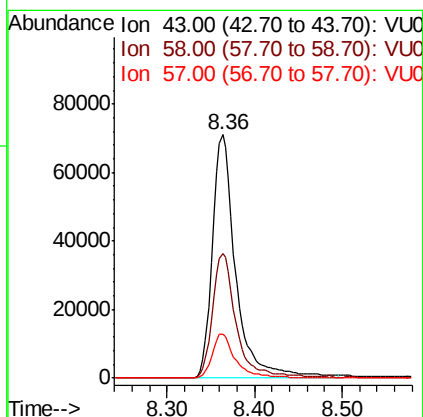
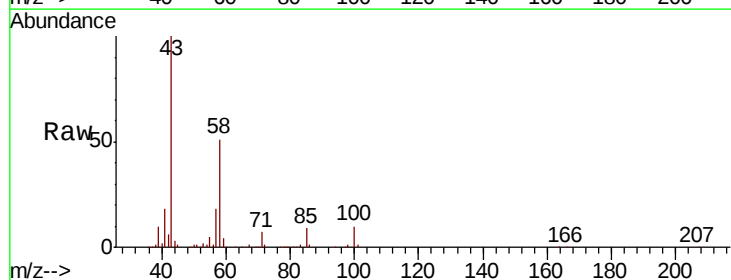
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

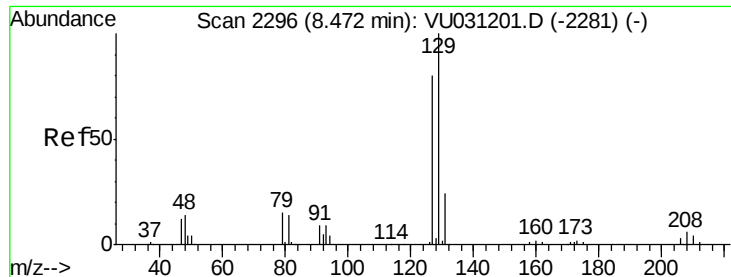
Tgt Ion: 76 Resp: 73118
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.3 37.9



#54
 2-Hexanone
 Concen: 24.222 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 43 Resp: 132638
 Ion Ratio Lower Upper
 43 100
 58 50.8 35.5 75.5
 57 18.2 0.0 38.7

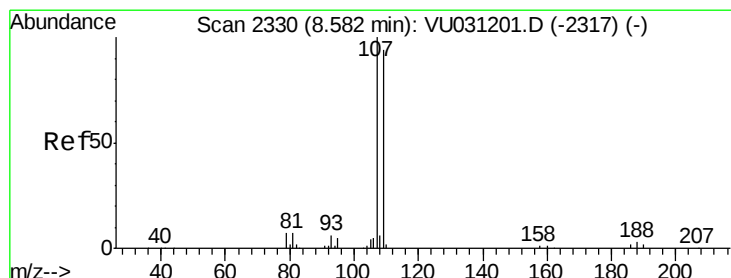
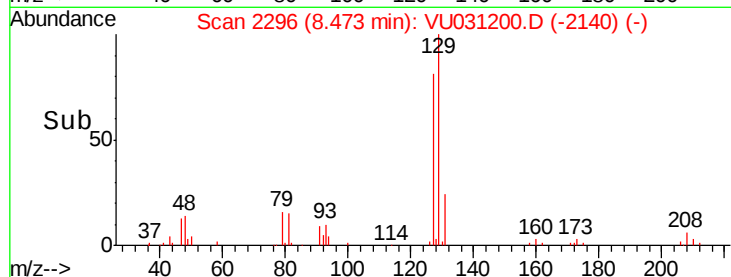
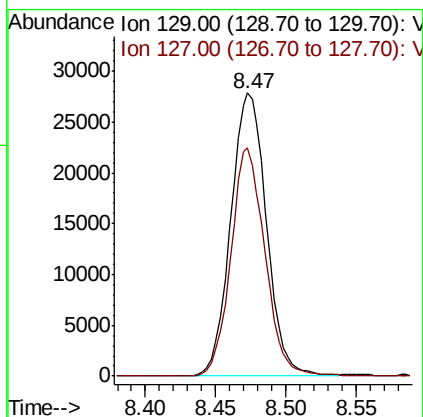
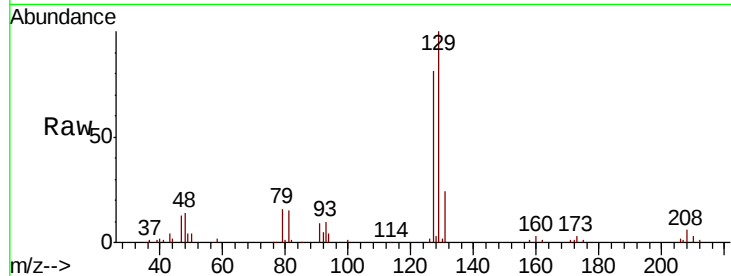




#55
 Dibromochloromethane
 Concen: 5.249 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

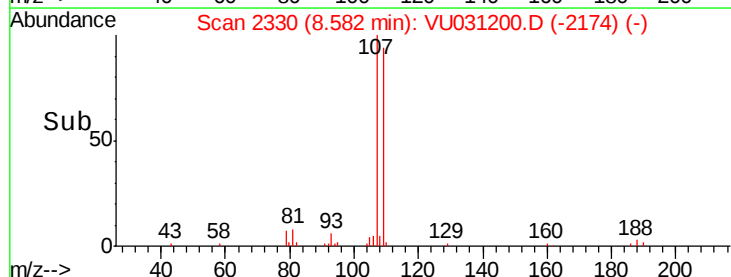
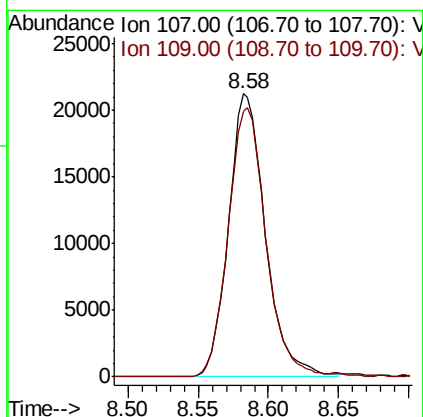
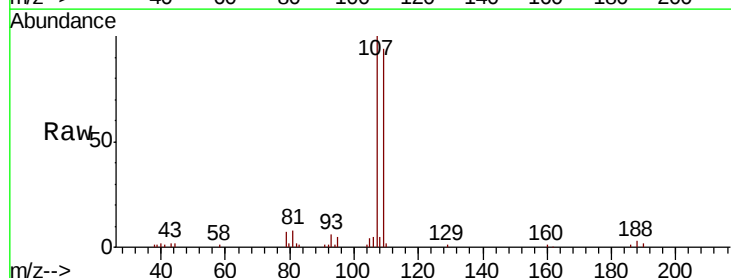
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

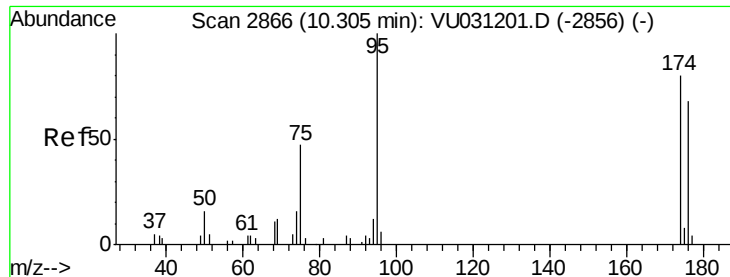
Tgt Ion:129 Resp: 49378
 Ion Ratio Lower Upper
 129 100
 127 76.9 62.2 93.2



#56
 1,2-Dibromoethane
 Concen: 5.181 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion:107 Resp: 38712
 Ion Ratio Lower Upper
 107 100
 109 97.3 0.0 189.0

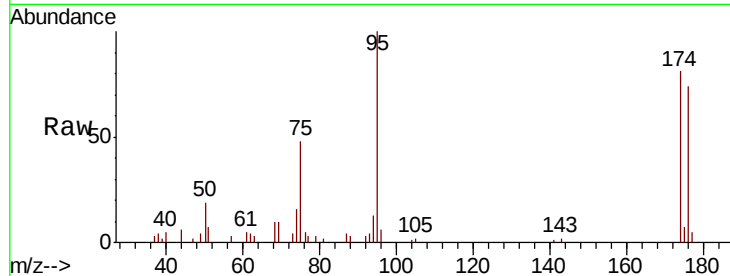




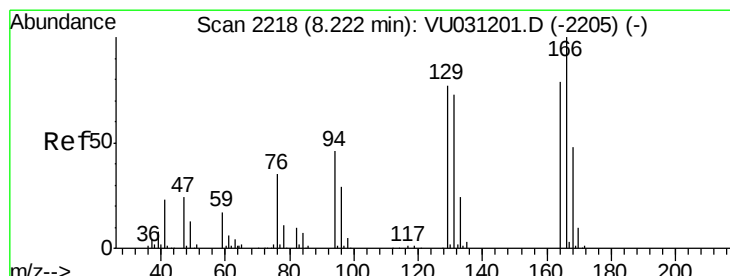
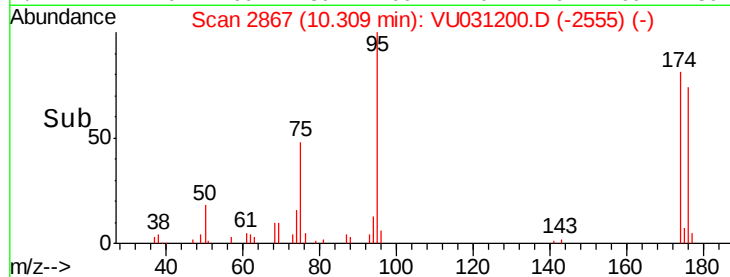
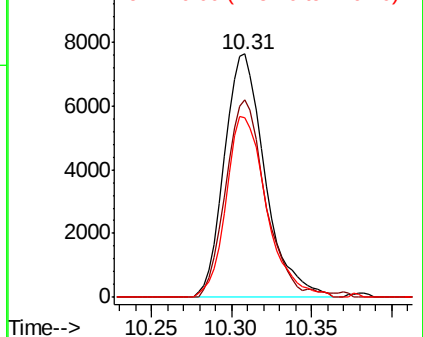
#57
4-Bromofluorobenzene
Concen: 5.181 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 95 Resp: 13258
Ion Ratio Lower Upper
95 100
174 79.6 64.2 96.2
176 73.8 58.0 87.0



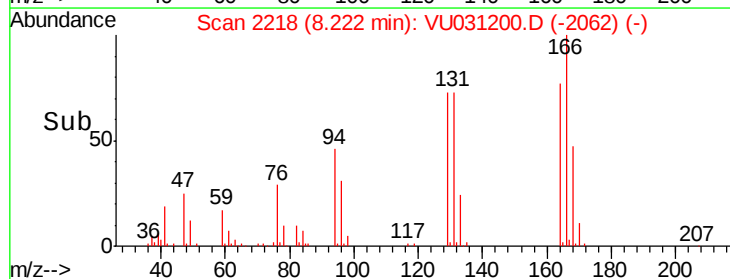
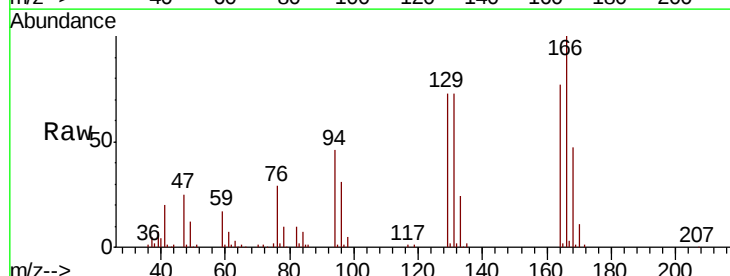
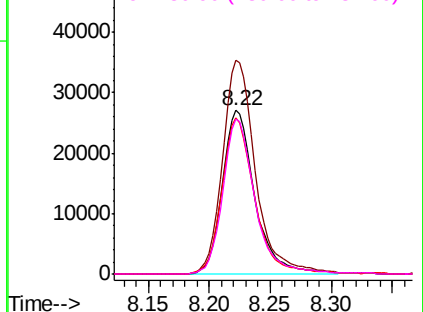
Abundance Ion 95.00 (94.70 to 95.70): VU031201.D (-2856) (-)
Ion 174.00 (173.70 to 174.70): VU031201.D (-2856) (-)
Ion 176.00 (175.70 to 176.70): VU031201.D (-2856) (-)

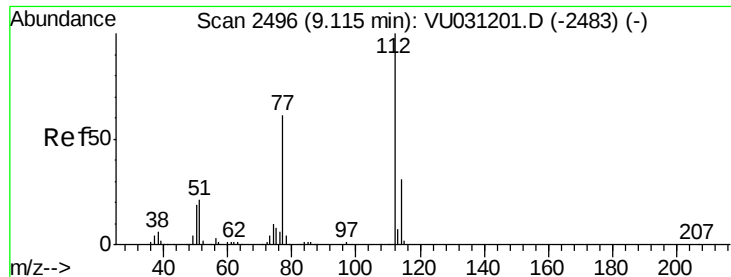


#58
Tetrachloroethene
Concen: 5.408 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 164 Resp: 50748
Ion Ratio Lower Upper
164 100
166 130.5 100.9 151.3
129 95.2 77.6 116.4
131 94.8 73.5 110.3

Abundance Ion 163.85 (163.55 to 164.55): VU031201.D (-2205) (-)
Ion 165.80 (165.50 to 166.50): VU031201.D (-2205) (-)
Ion 128.90 (128.60 to 129.60): VU031201.D (-2205) (-)
Ion 130.90 (130.60 to 131.60): VU031201.D (-2205) (-)

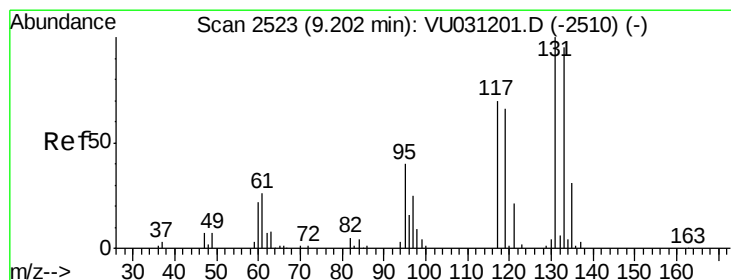
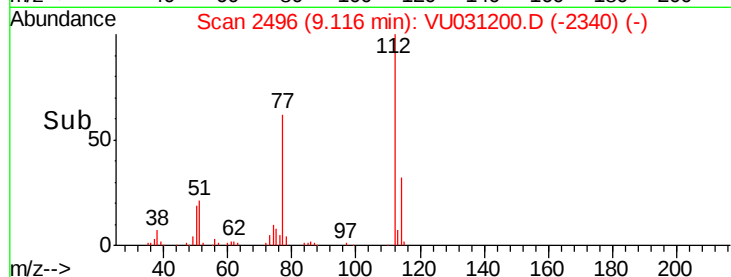
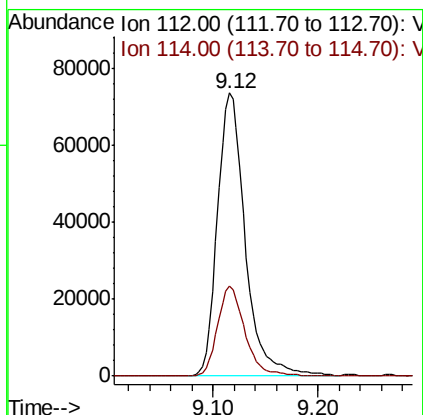
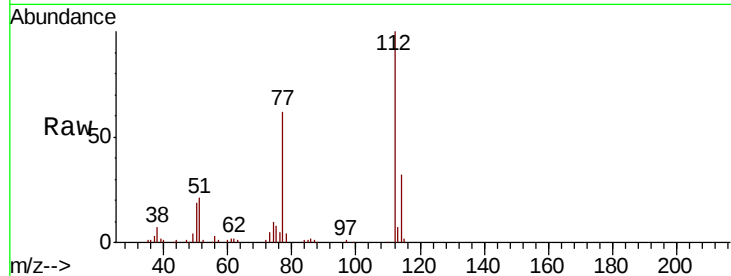




#59
Chlorobenzene
Concen: 5.210 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

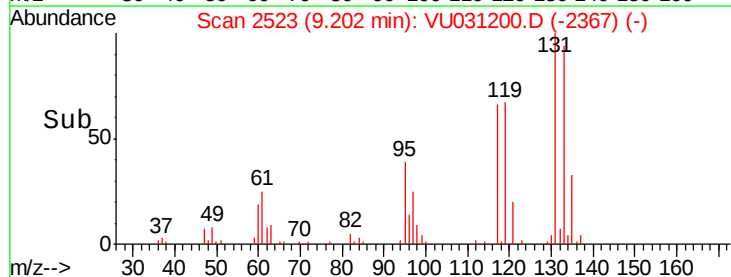
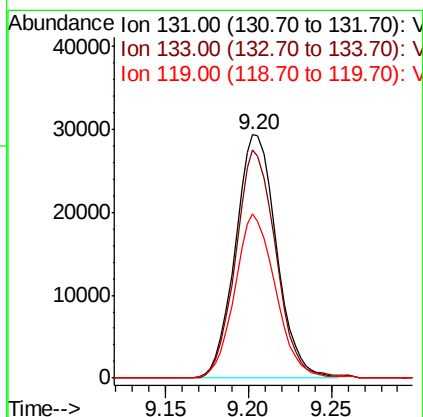
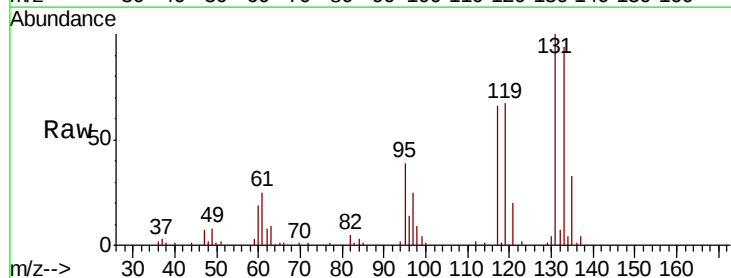
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

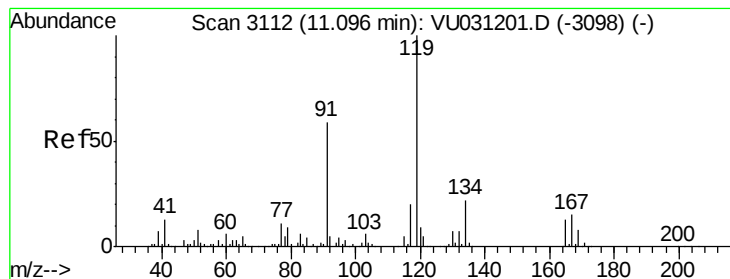
Tgt Ion:112 Resp: 134863
Ion Ratio Lower Upper
112 100
114 31.6 24.4 36.6



#60
1,1,1,2-Tetrachloroethane
Concen: 5.190 ug/l
RT: 9.20 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion:131 Resp: 50695
Ion Ratio Lower Upper
131 100
133 91.8 77.2 115.8
119 66.8 51.4 77.2





#61

Pentachloroethane

Concen: 5.069 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

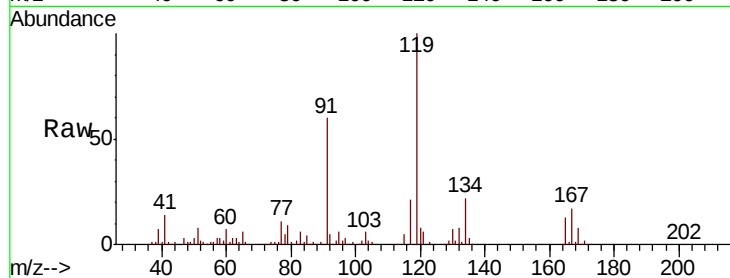
VSTDIC005

Tgt Ion:117 Resp: 37939

Ion Ratio Lower Upper

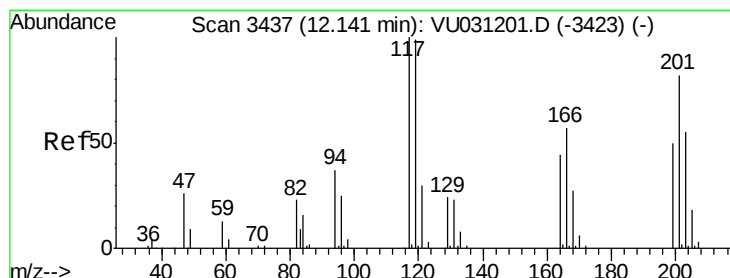
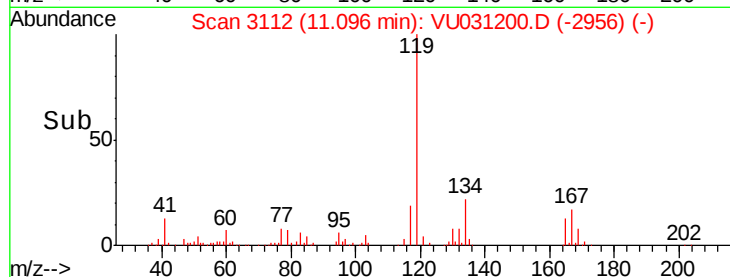
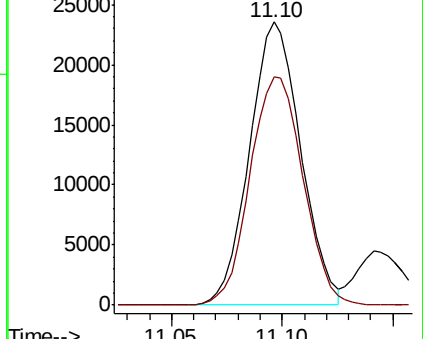
117 100

167 83.4 63.1 94.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 5.154 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031200.D

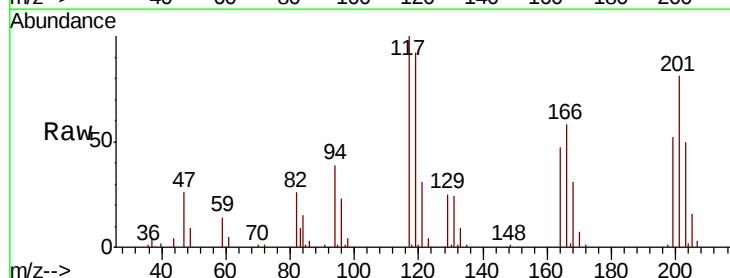
Acq: 15 Apr 2019 21:54

Tgt Ion:117 Resp: 36656

Ion Ratio Lower Upper

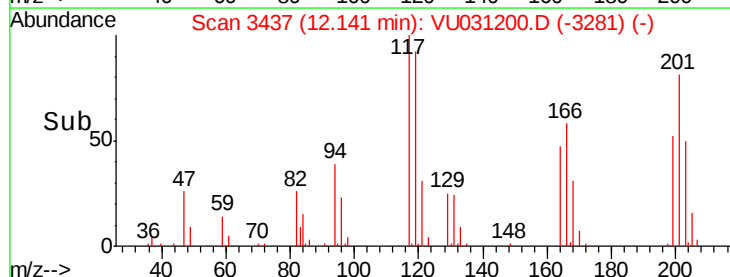
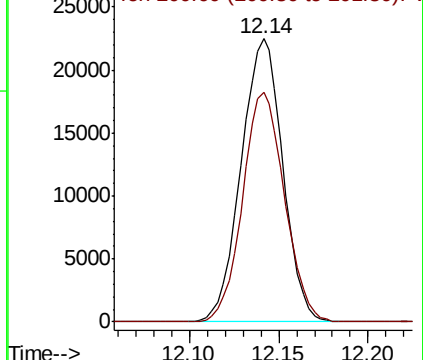
117 100

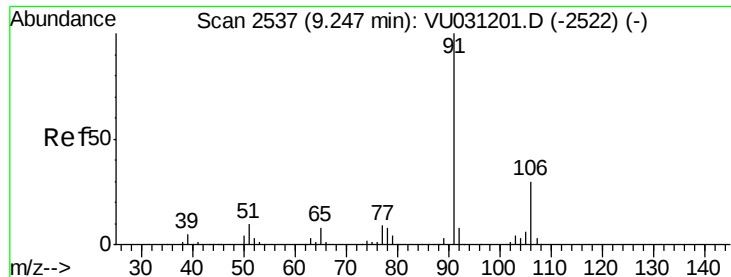
201 81.6 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

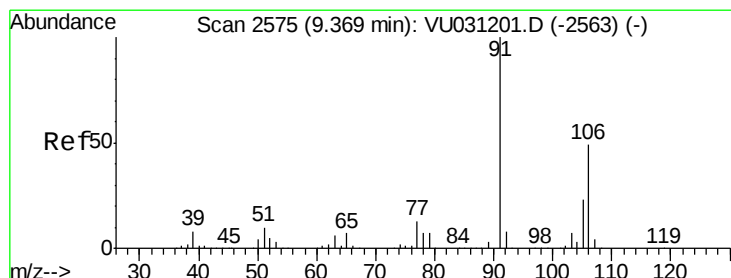
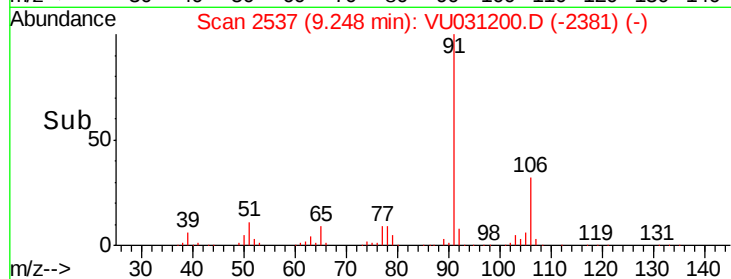
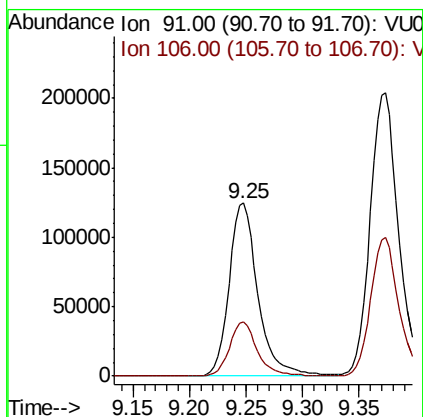
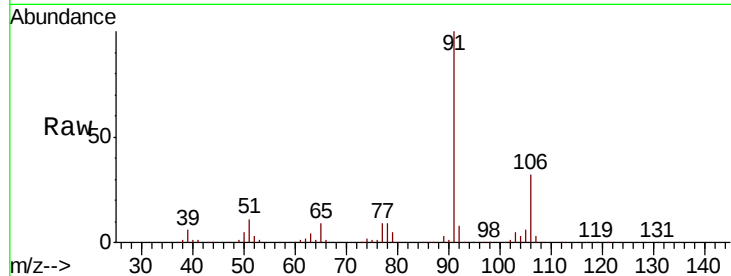




#63
Ethyl Benzene
Concen: 5.153 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

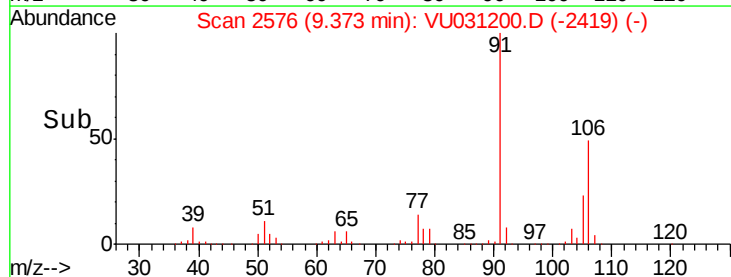
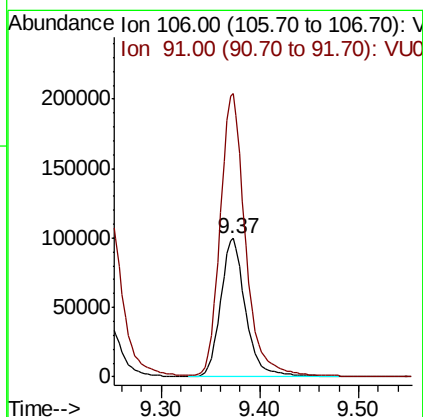
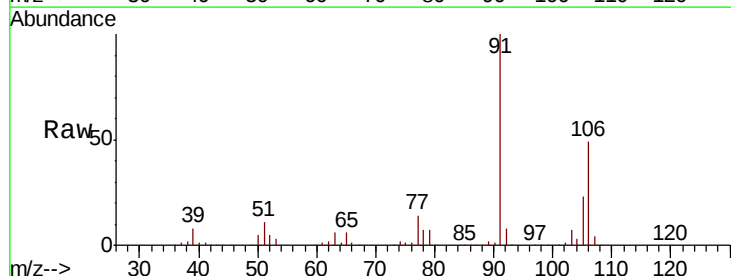
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

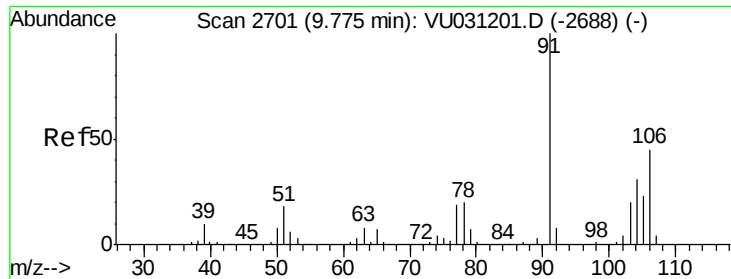
Tgt Ion: 91 Resp: 220886
Ion Ratio Lower Upper
91 100
106 31.7 24.3 36.5



#64
m/p-Xylenes
Concen: 11.231 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031200.D
Acq: 15 Apr 2019 21:54

Tgt Ion: 106 Resp: 176018
Ion Ratio Lower Upper
106 100
91 209.5 165.7 248.5





#65

o-Xylene

Concen: 5.466 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

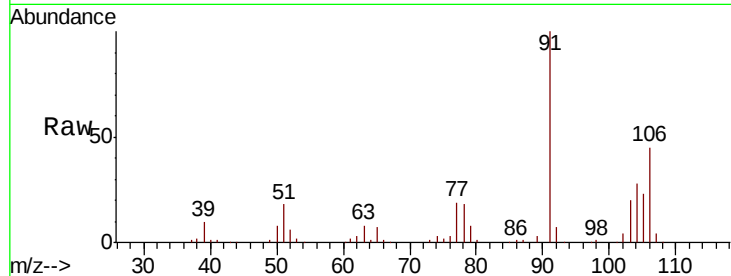
VSTDIC005

Tgt Ion:106 Resp: 83254

Ion Ratio Lower Upper

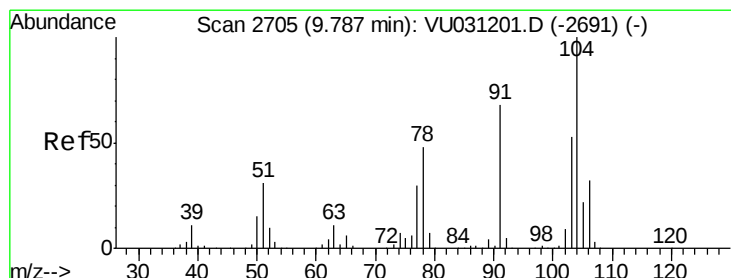
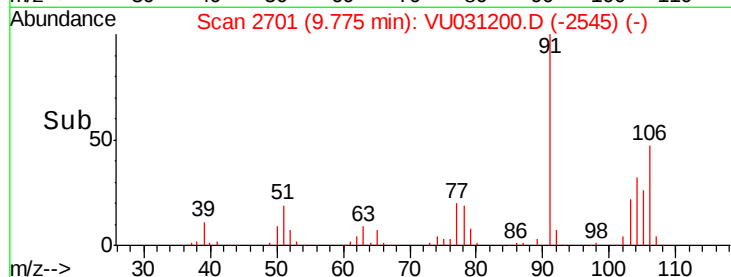
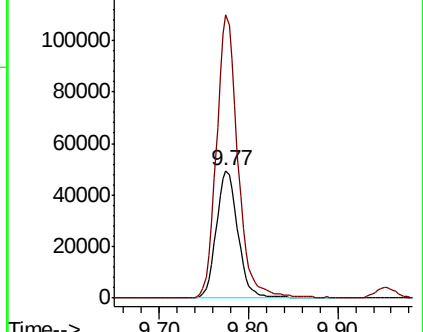
106 100

91 219.2 111.3 333.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 5.531 ug/l

RT: 9.79 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

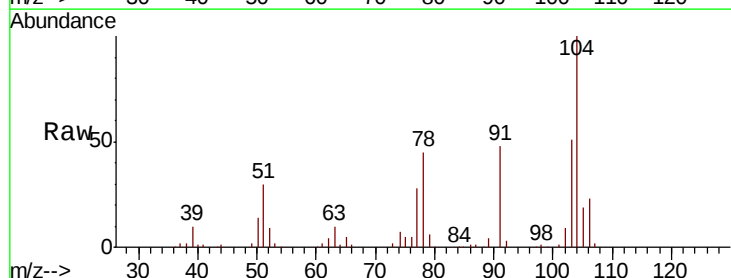
Tgt Ion:104 Resp: 145454

Ion Ratio Lower Upper

104 100

78 50.6 41.4 62.0

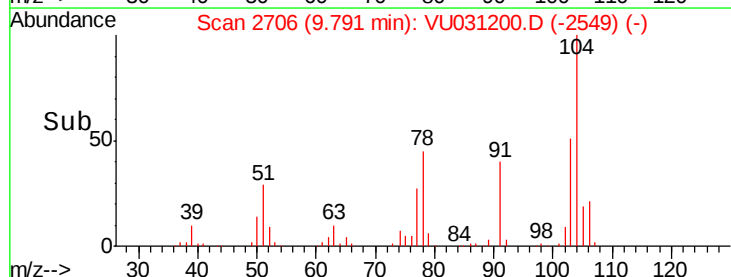
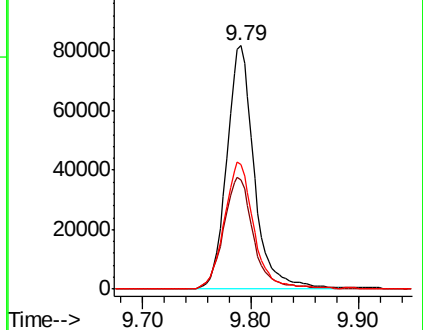
103 56.2 45.0 67.4

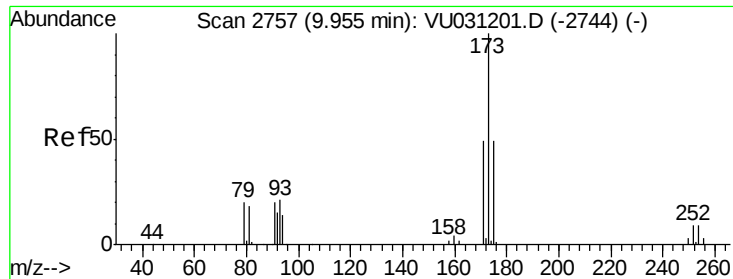


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 5.260 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

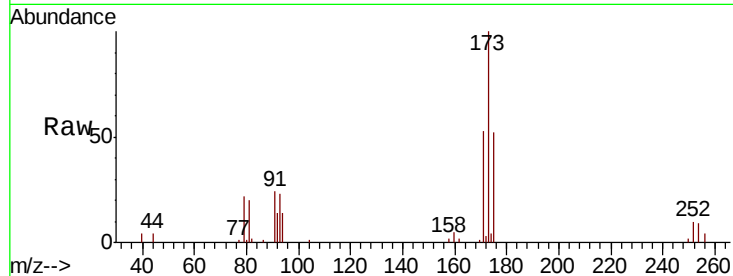
Tgt Ion:173 Resp: 28441

Ion Ratio Lower Upper

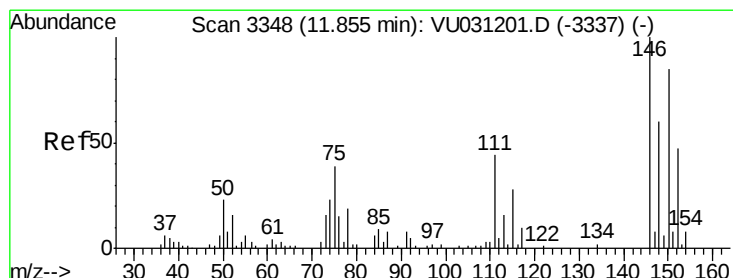
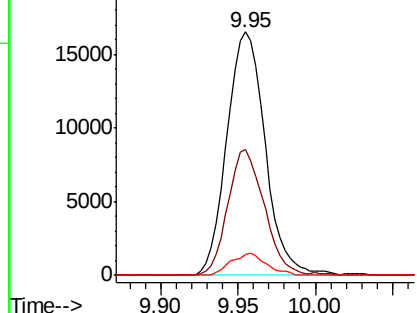
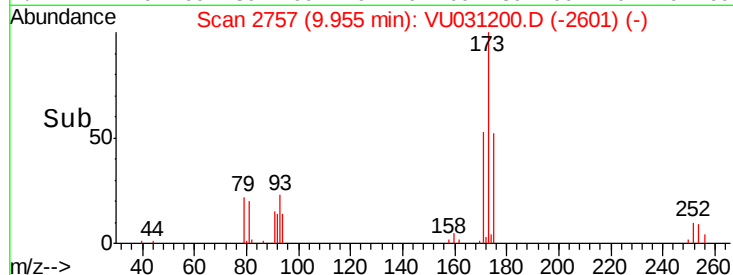
173 100

175 48.9 38.0 57.0

254 8.3 7.1 10.7



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: 5.260 ug/l

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

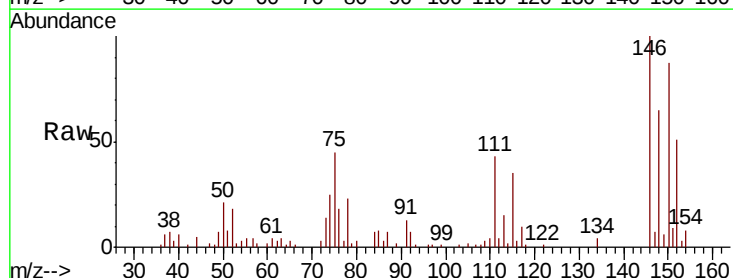
Tgt Ion:152 Resp: 12797

Ion Ratio Lower Upper

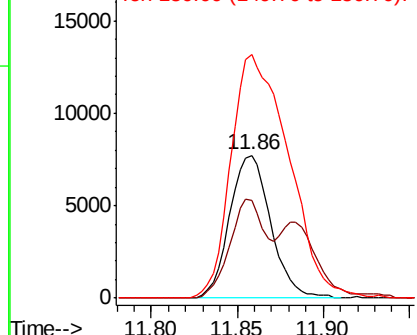
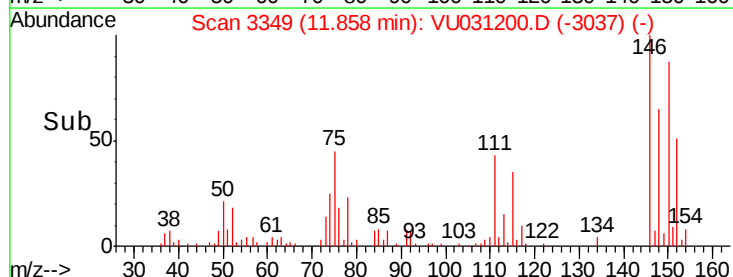
152 100

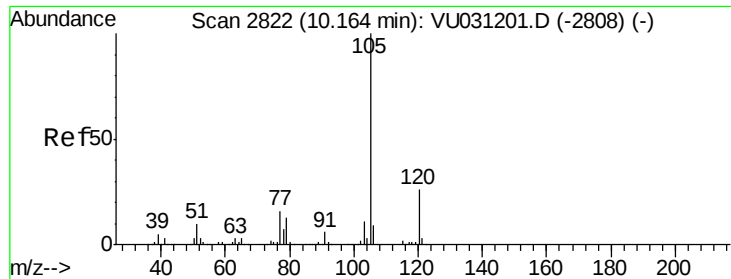
115 61.6 0.0 130.0

150 239.9 0.0 639.0



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





#69

Isopropylbenzene

Concen: 5.403 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

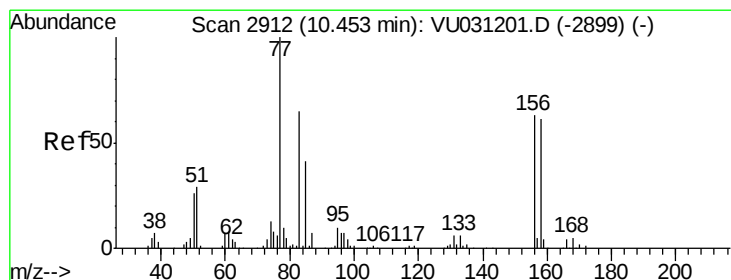
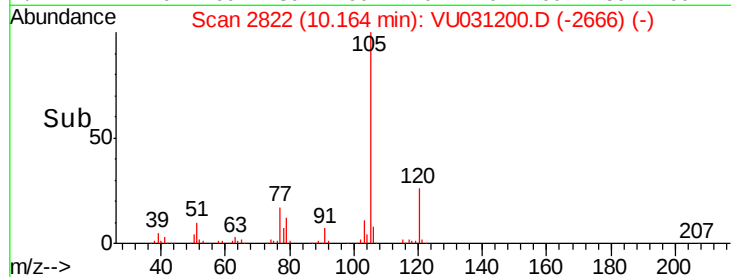
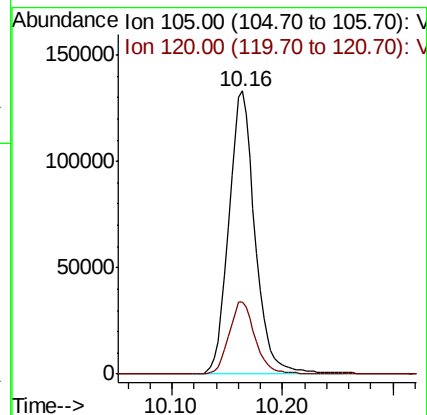
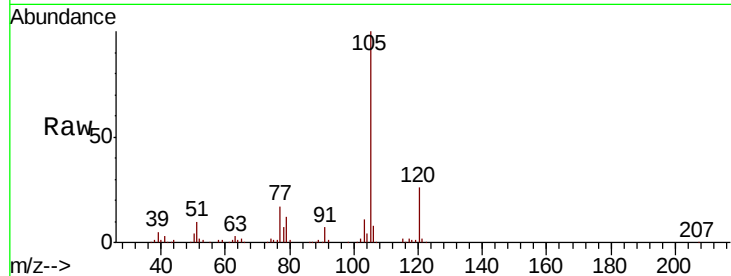
VSTDIC005

Tgt Ion:105 Resp: 219580

Ion Ratio Lower Upper

105 100

120 25.6 12.8 38.3



#70

1,1,2,2-Tetrachloroethane

Concen: 4.956 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

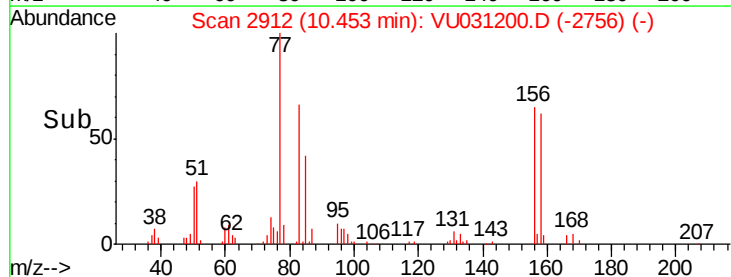
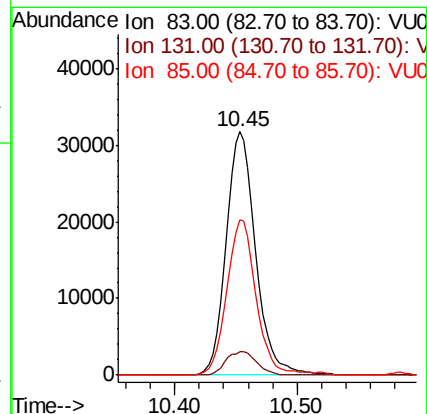
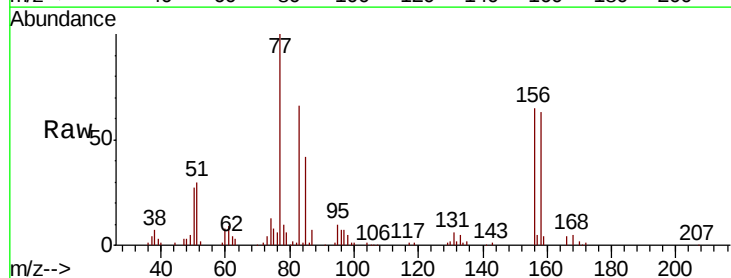
Tgt Ion: 83 Resp: 53961

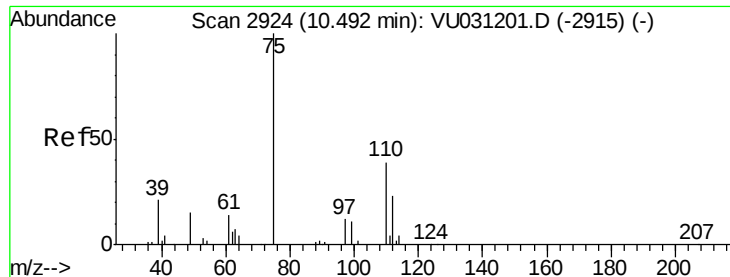
Ion Ratio Lower Upper

83 100

131 9.9 8.0 12.0

85 63.3 51.3 76.9

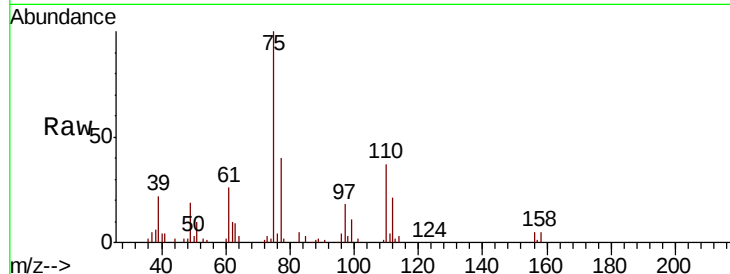




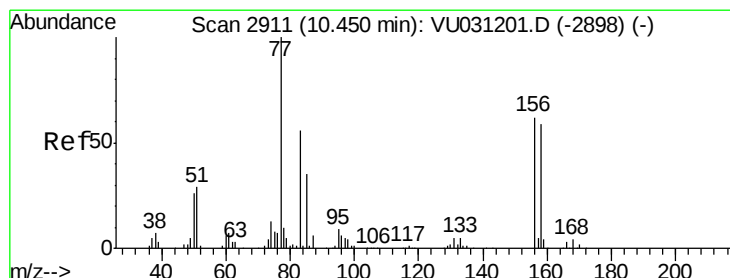
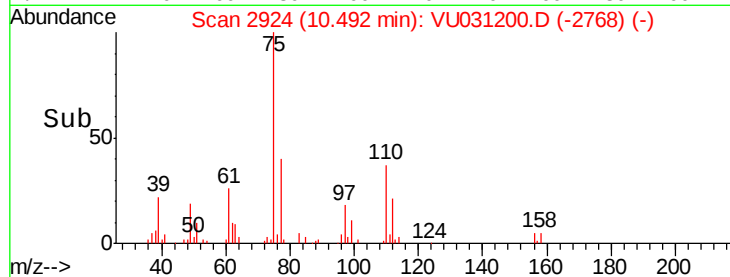
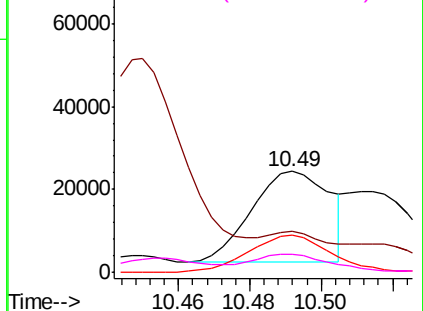
#71
 1,2,3-Trichloropropane
 Concen: 4.051 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	33536
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	42.2	0.0	71.0
97	21.2	0.0	40.4

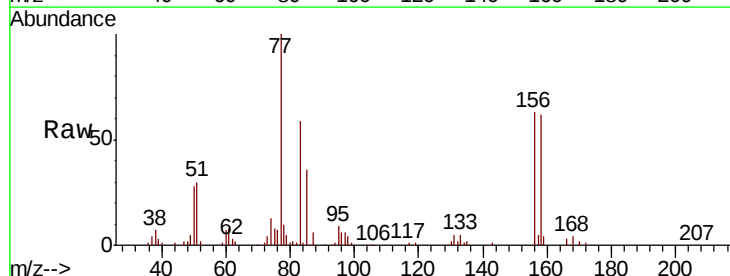


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

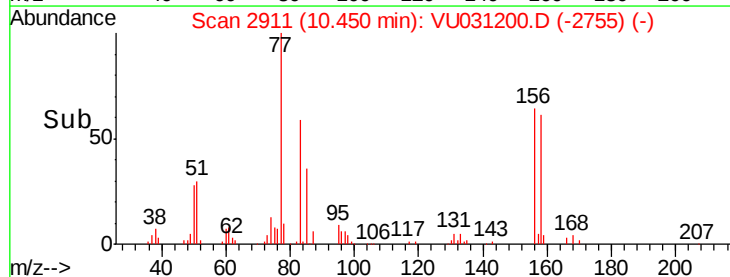
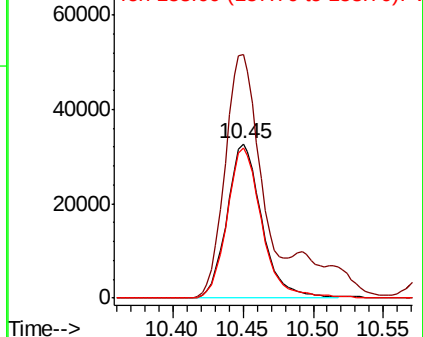


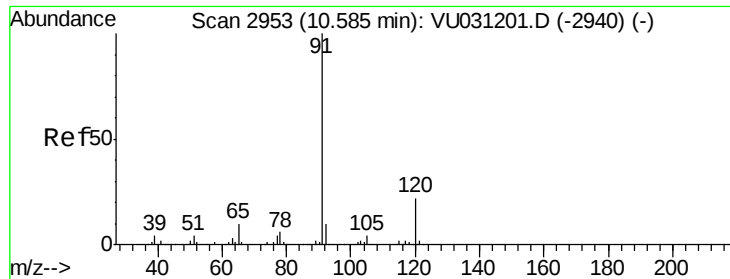
#72
 Bromobenzene
 Concen: 5.478 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion:	156	Resp:	56281
Ion	Ratio	Lower	Upper
156	100		
77	159.7	0.0	322.6
158	97.5	0.0	191.0



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: 5.495 ug/l

RT: 10.59 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

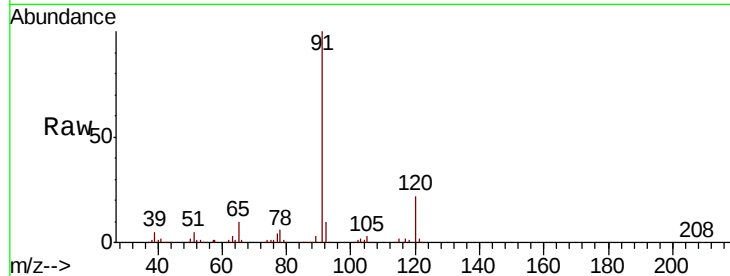
VSTDIC005

Tgt Ion:120 Resp: 59574

Ion Ratio Lower Upper

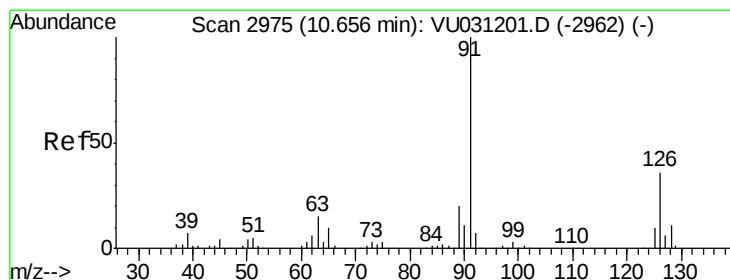
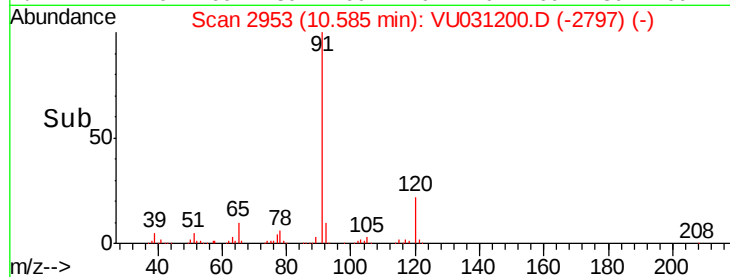
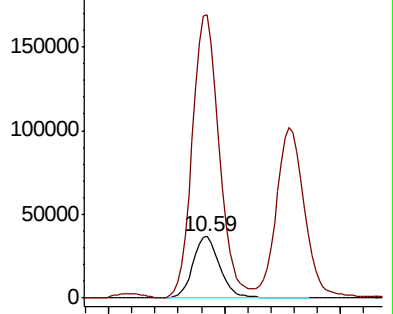
120 100

91 452.5 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 5.648 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031200.D

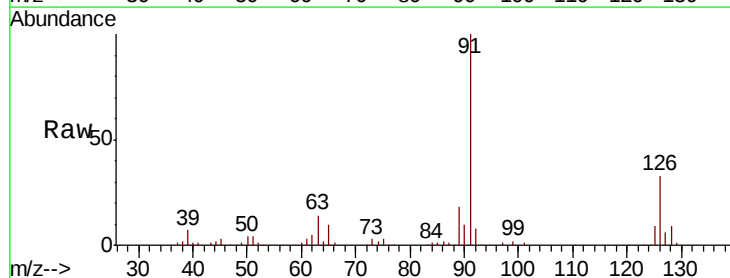
Acq: 15 Apr 2019 21:54

Tgt Ion:126 Resp: 55879

Ion Ratio Lower Upper

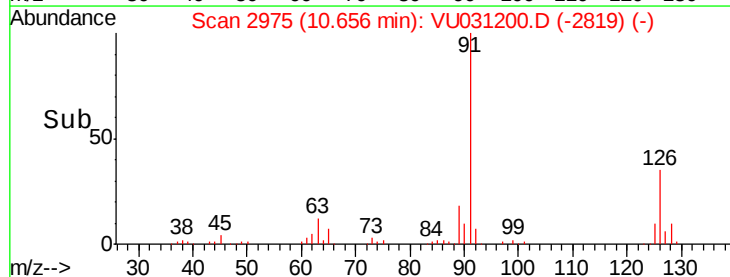
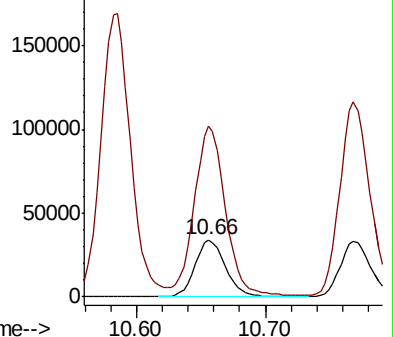
126 100

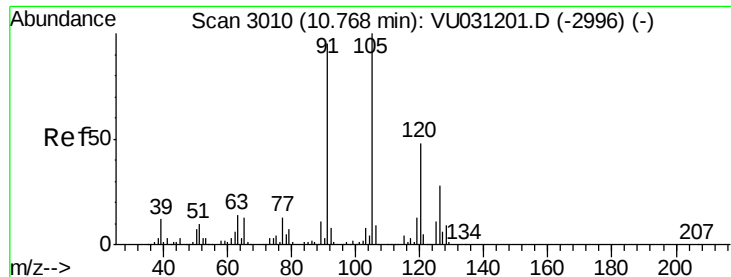
91 300.7 0.0 612.6



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: 5.632 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

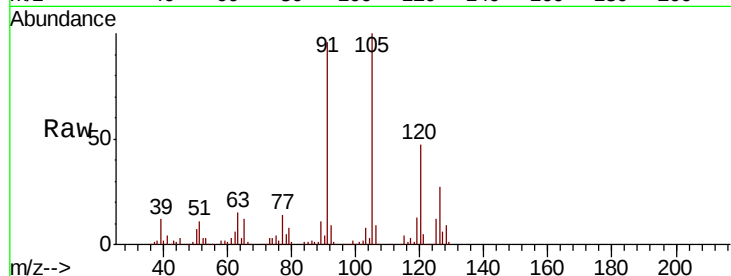
VSTDIC005

Tgt Ion:105 Resp: 193884

Ion Ratio Lower Upper

105 100

120 47.6 38.7 58.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.77

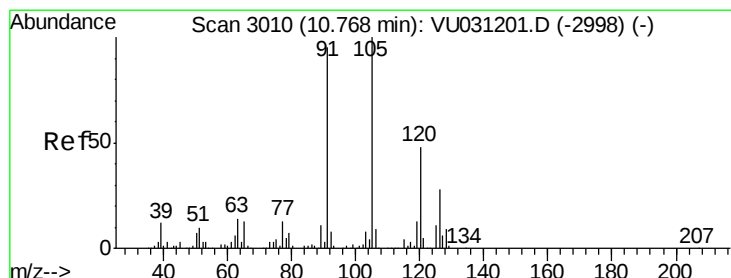
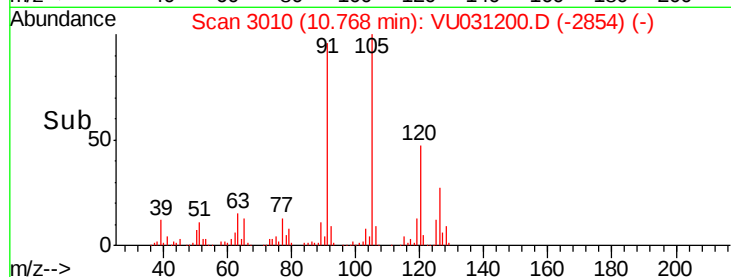
100000

50000

0

Time-->

10.70 10.80 10.90



#76

4-Chlorotoluene

Concen: 5.444 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031200.D

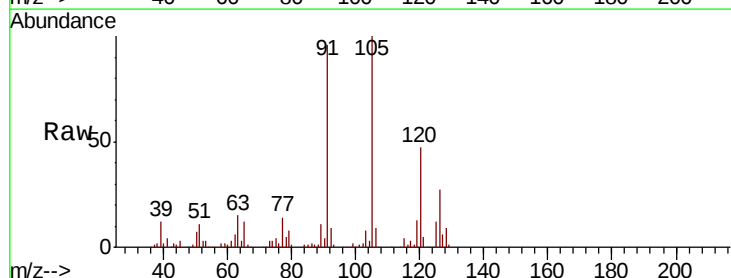
Acq: 15 Apr 2019 21:54

Tgt Ion:126 Resp: 54968

Ion Ratio Lower Upper

126 100

91 351.9 0.0 683.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

10.77

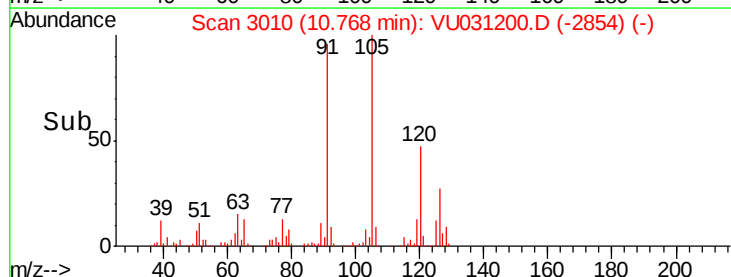
100000

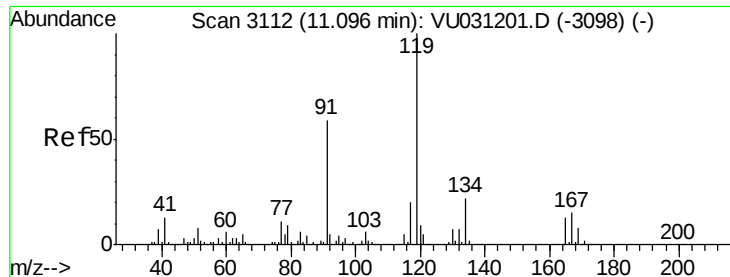
50000

0

Time-->

10.70 10.80 10.90

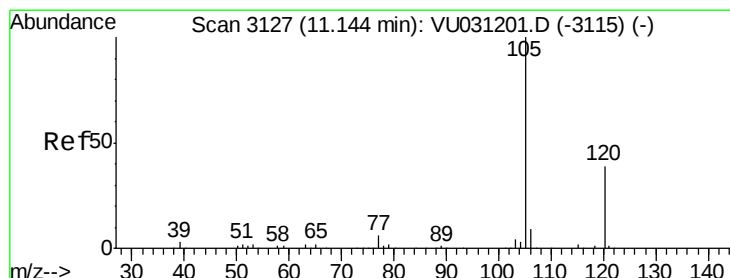
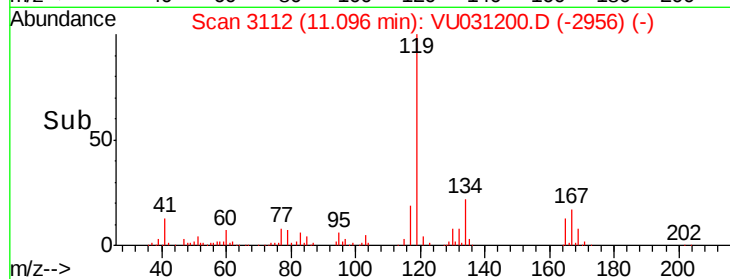
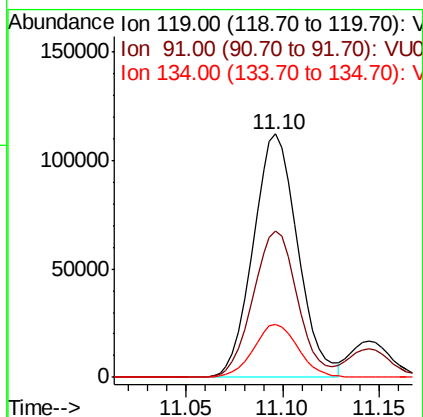
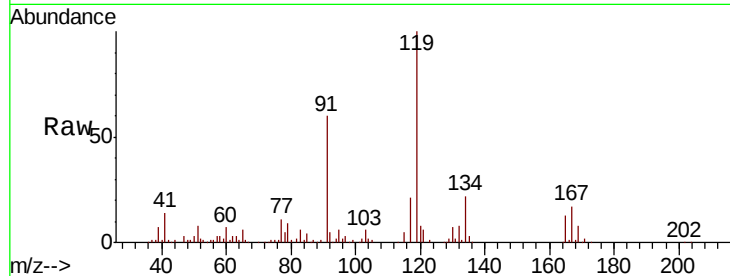




#77
 tert-Butylbenzene
 Concen: 5.360 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

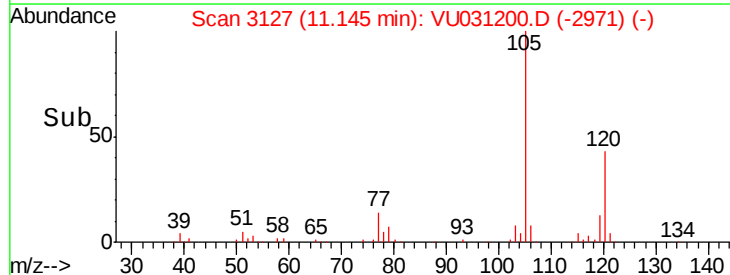
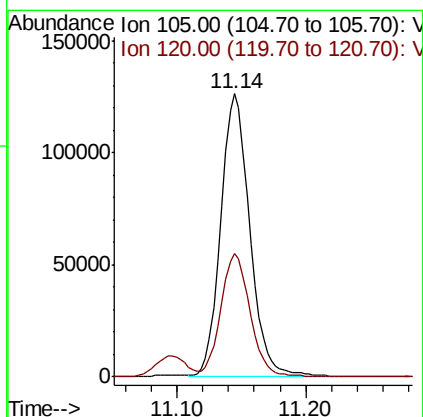
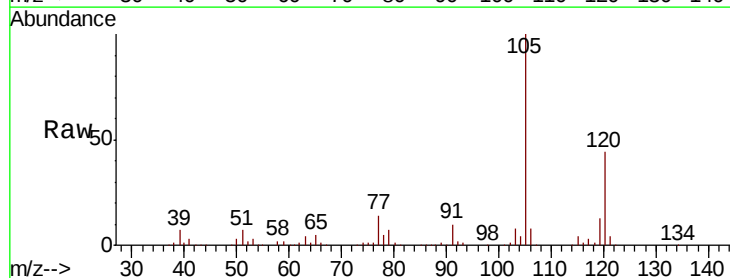
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

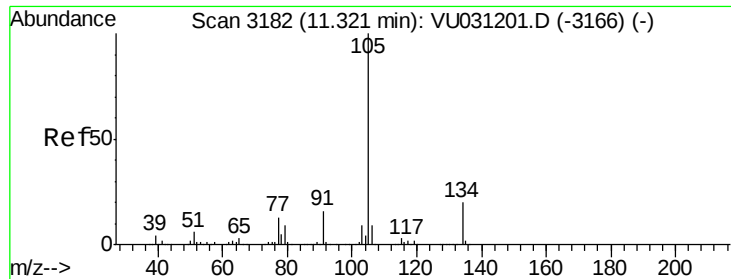
Tgt Ion	Ratio	Lower	Upper
119	100		
91	59.9	29.4	88.3
134	21.9	17.9	26.9



#78
 1,2,4-Trimethylbenzene
 Concen: 5.594 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.4	67.0

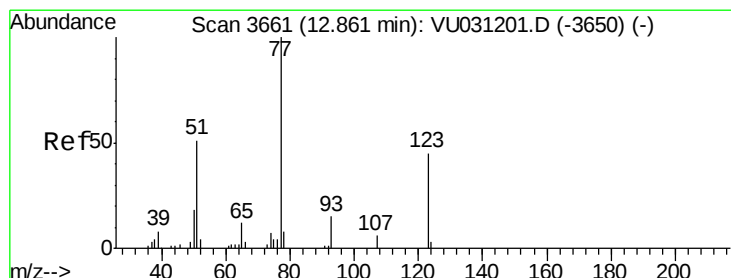
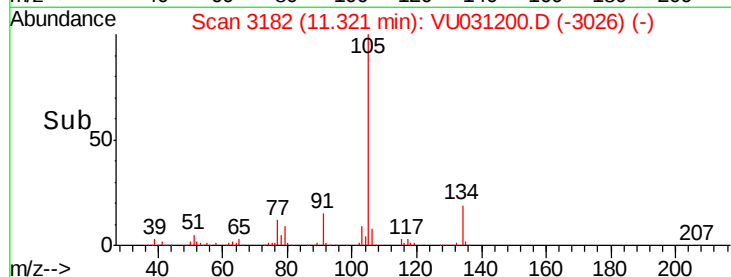
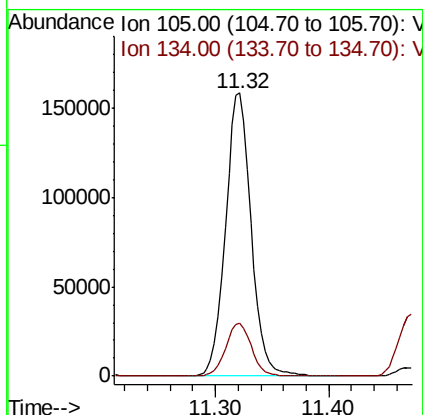
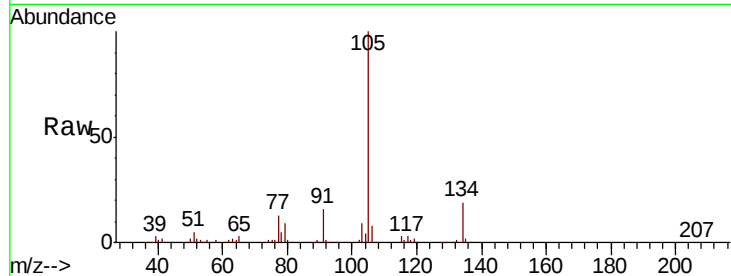




#79
 sec-Butylbenzene
 Concen: 5.455 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

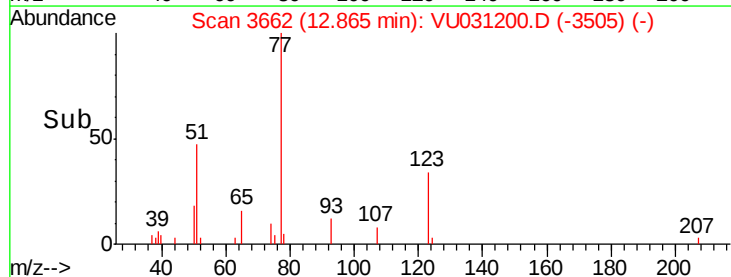
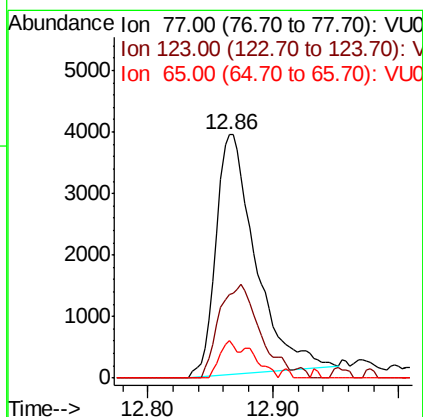
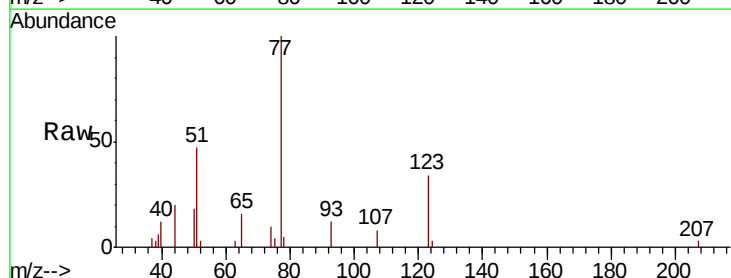
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

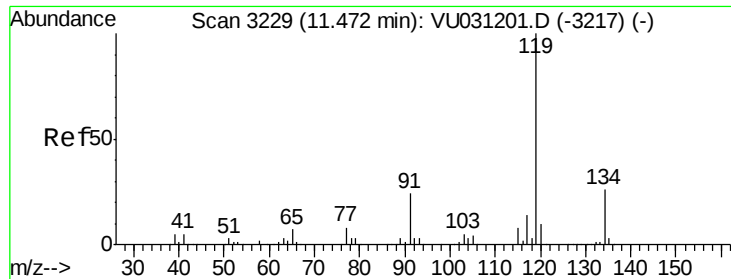
Tgt Ion: 105 Resp: 248675
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.5 23.3



#80
 Nitrobenzene
 Concen: 26.496 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 77 Resp: 8586
 Ion Ratio Lower Upper
 77 100
 123 36.6 17.1 60.7
 65 6.5 9.4 12.0#

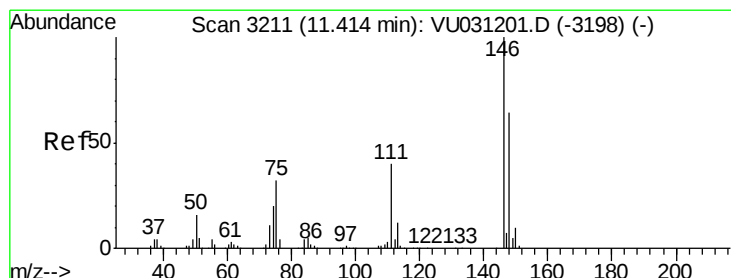
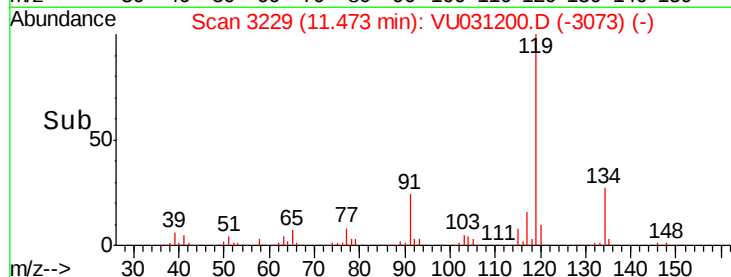
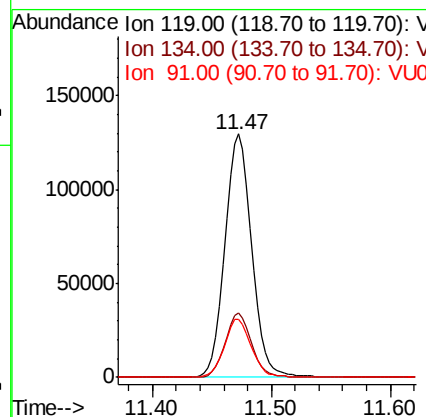
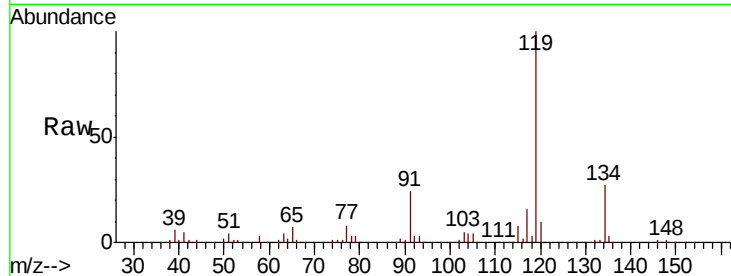




#81
 p-Isopropyltoluene
 Concen: 5.626 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

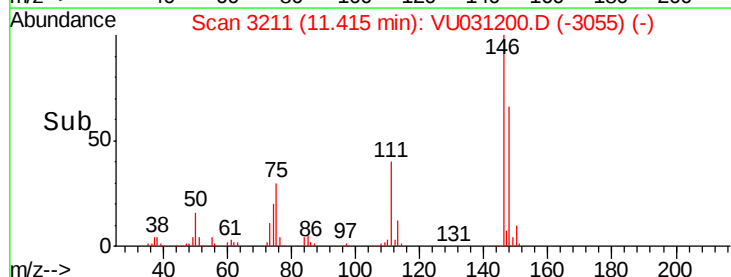
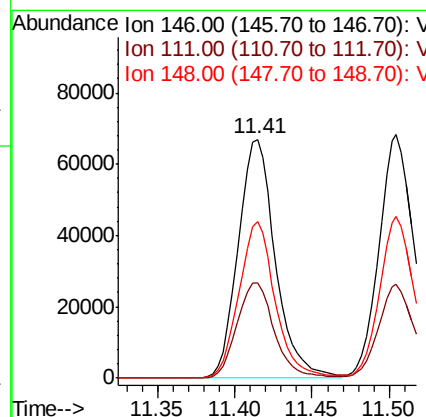
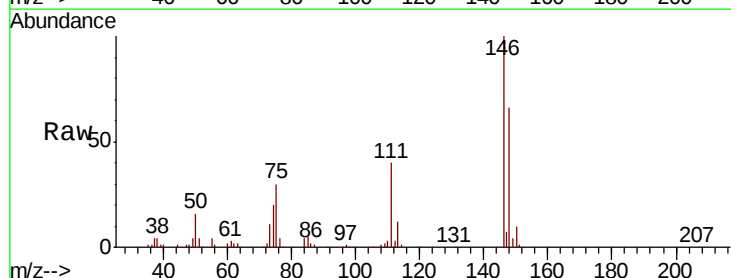
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

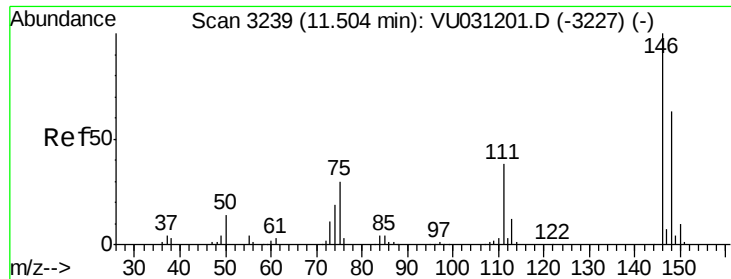
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	21.0	31.4
91	24.4	19.4	29.2



#82
 1,3-Dichlorobenzene
 Concen: 5.486 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	32.4	48.6
148	64.0	50.8	76.2

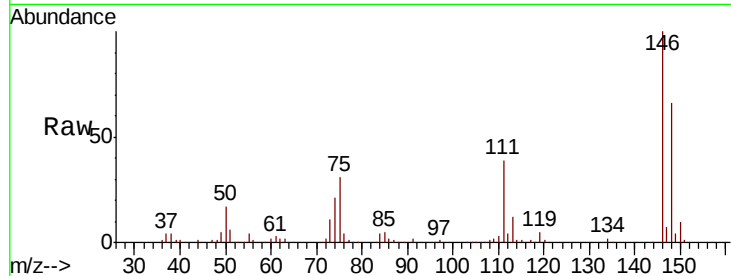




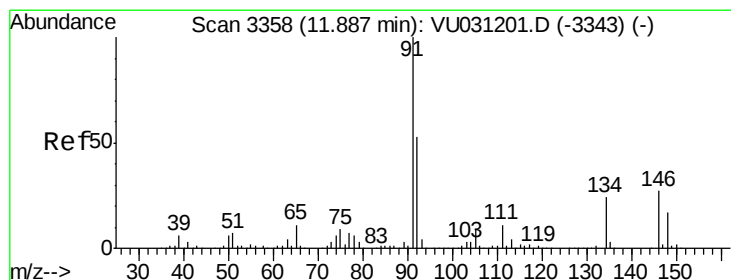
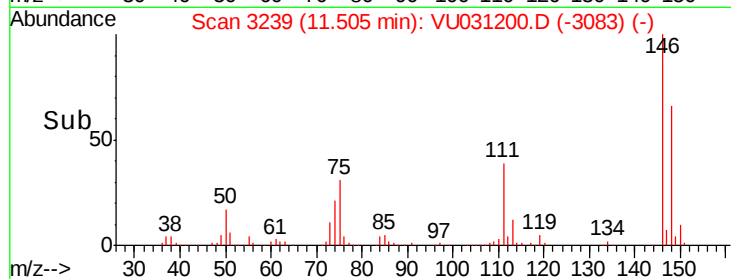
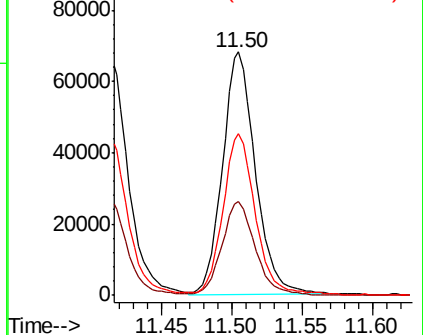
#83
 1,4-Dichlorobenzene
 Concen: 5.484 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 110292
 Ion Ratio Lower Upper
 146 100
 111 38.6 30.6 46.0
 148 65.6 51.1 76.7

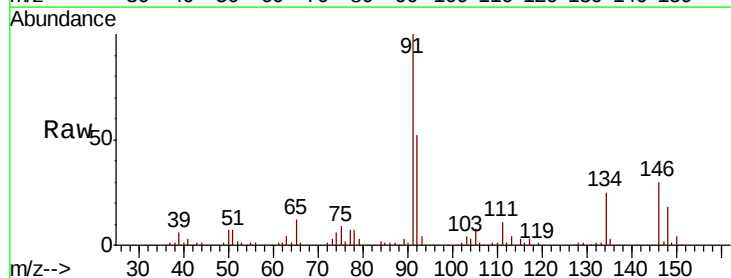


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

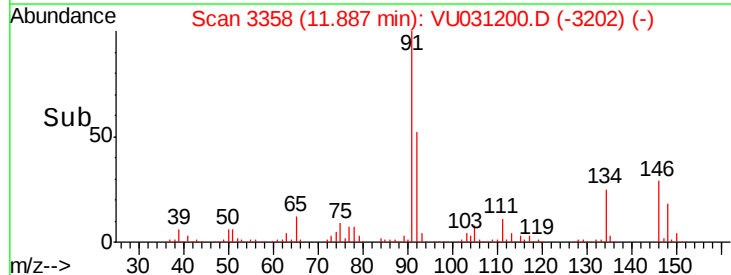
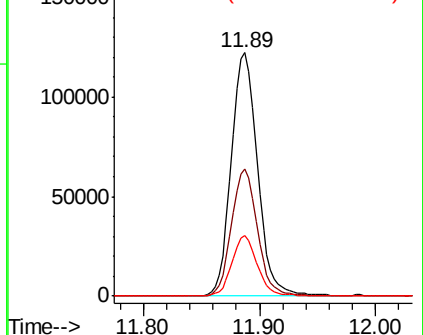


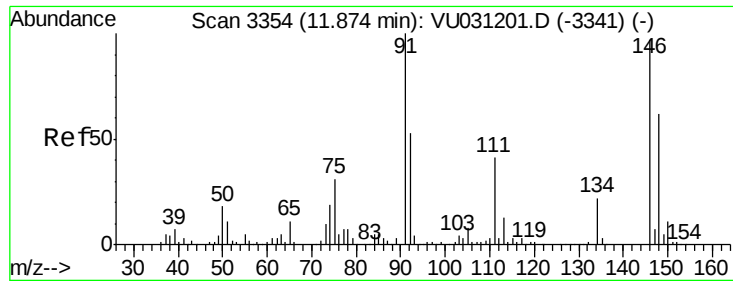
#84
 n-Butylbenzene
 Concen: 5.351 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 91 Resp: 192243
 Ion Ratio Lower Upper
 91 100
 92 51.5 42.6 63.8
 134 23.9 19.1 28.7



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

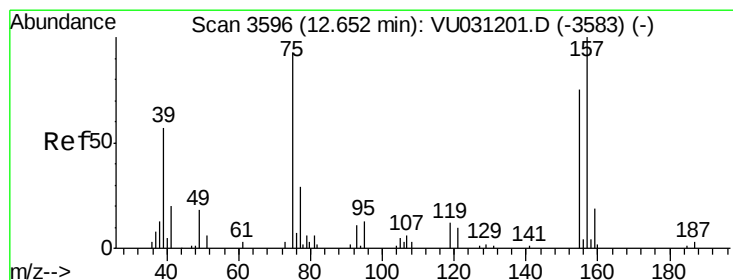
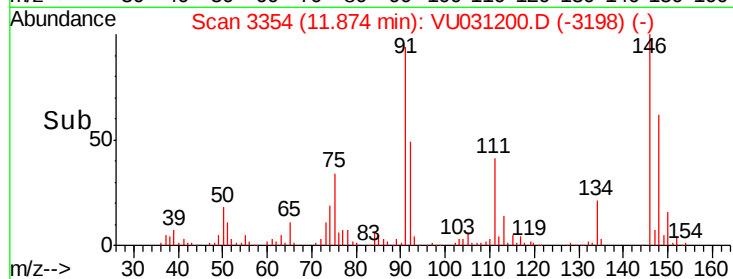
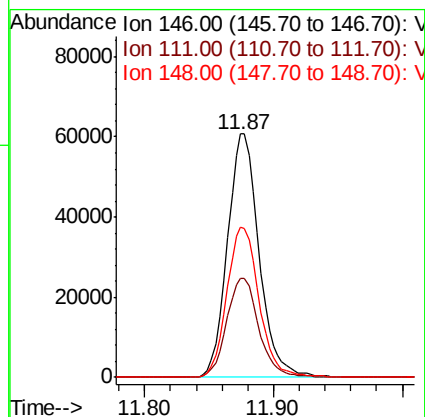
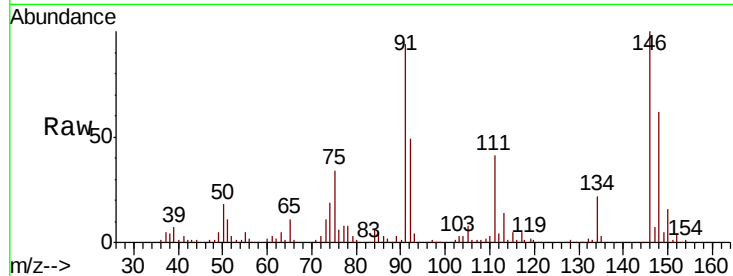




#85
 1,2-Dichlorobenzene
 Concen: 5.343 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

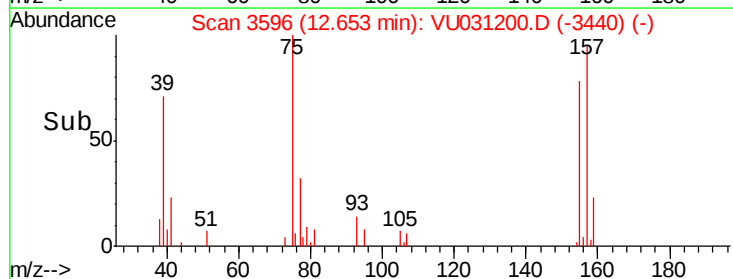
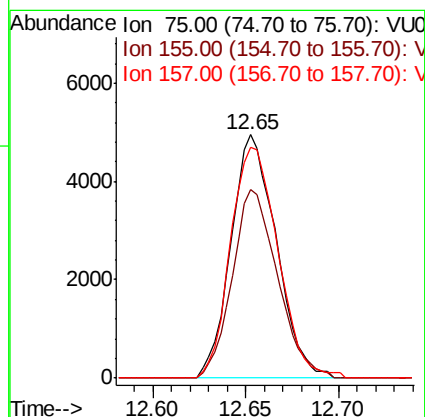
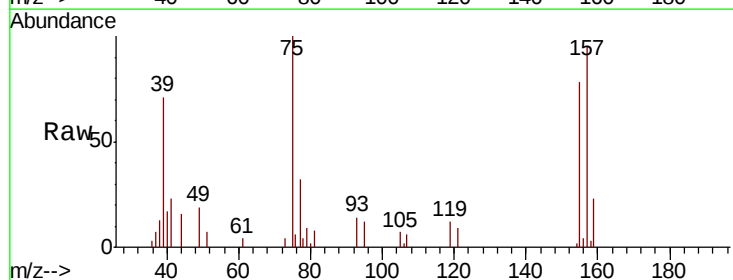
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

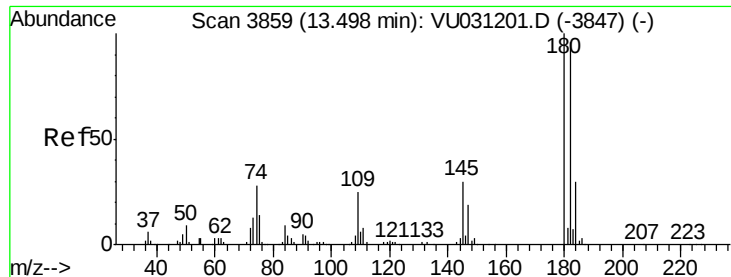
Tgt Ion: 146 Resp: 103319
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 62.8 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 4.928 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion: 75 Resp: 8377
 Ion Ratio Lower Upper
 75 100
 155 77.9 61.7 92.5
 157 99.3 81.3 121.9

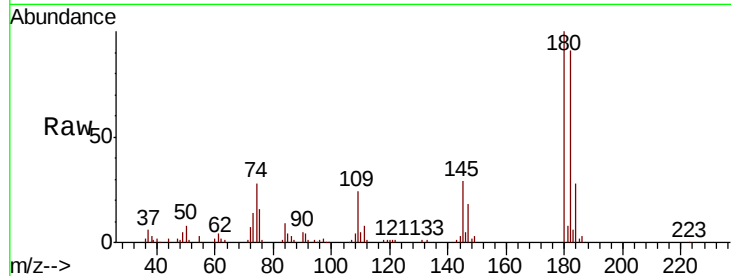




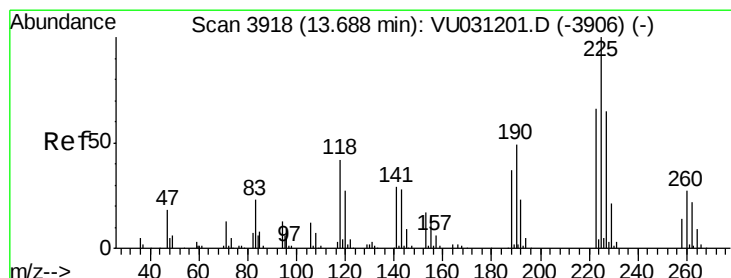
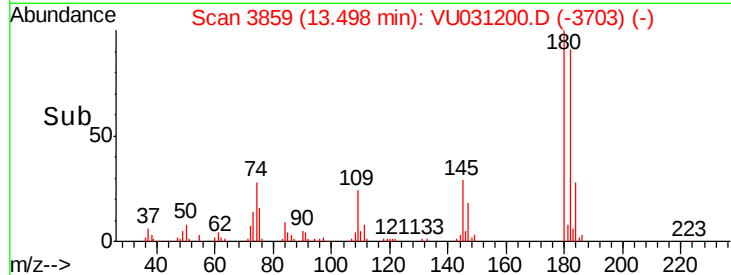
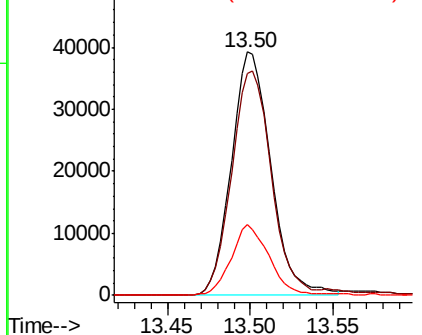
#87
 1,2,4-Trichlorobenzene
 Concen: 5.644 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 65181
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.0 112.6
 145 27.8 23.4 35.2

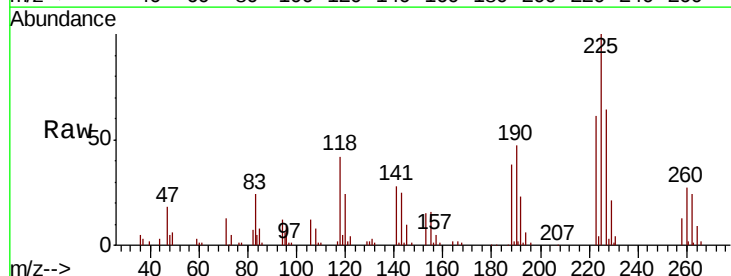


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

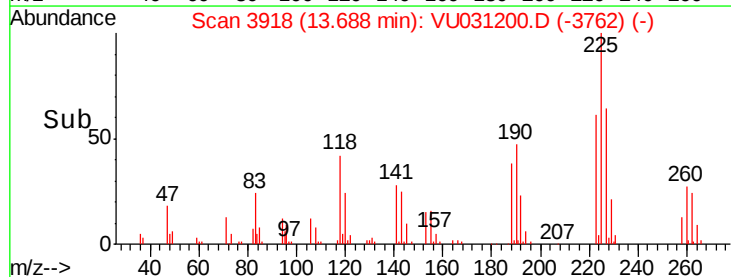
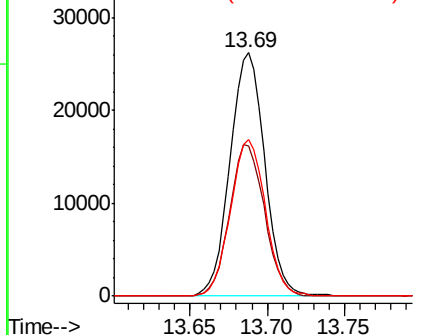


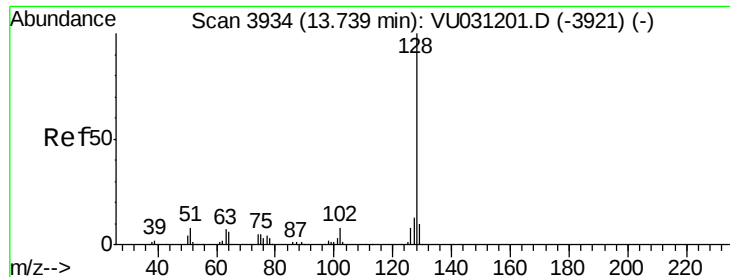
#88
 Hexachlorobutadiene
 Concen: 5.895 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031200.D
 Acq: 15 Apr 2019 21:54

Tgt Ion:225 Resp: 40864
 Ion Ratio Lower Upper
 225 100
 223 62.3 51.4 77.2
 227 64.4 51.2 76.8



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: 5.551 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

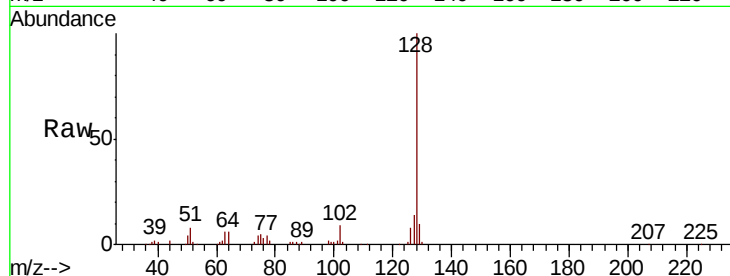
Tgt Ion:128 Resp: 112940

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

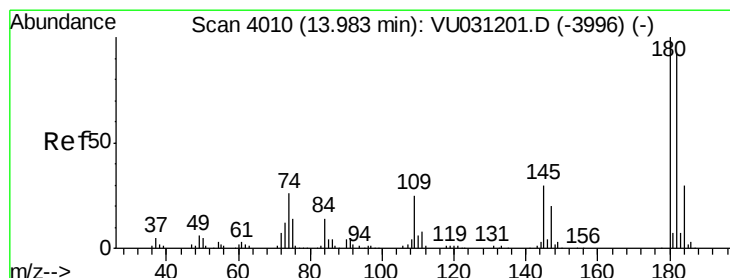
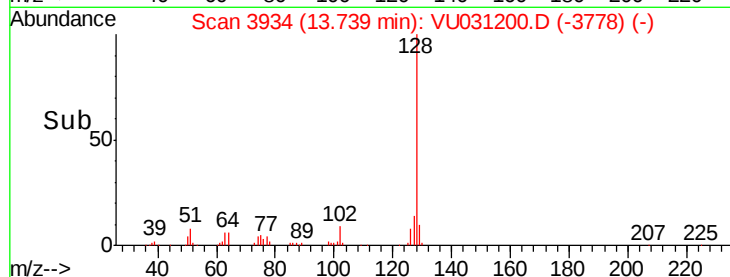
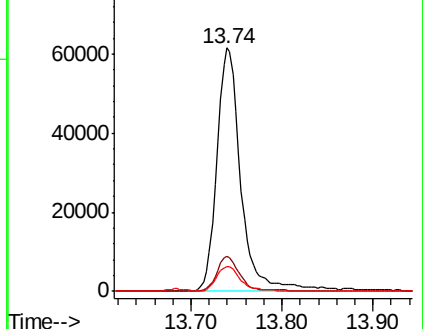
129 10.4 8.3 12.5



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: 5.553 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031200.D

Acq: 15 Apr 2019 21:54

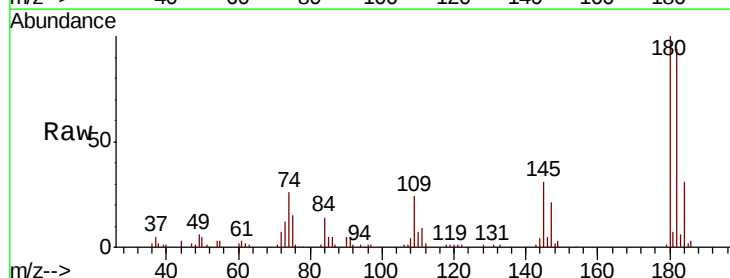
Tgt Ion:180 Resp: 63783

Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 31.3 25.3 37.9



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

