

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031201.D
 Acq On : 15 Apr 2019 22:20
 Operator : JC/SP
 Sample : VSTDIC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC010

Quant Time: Apr 16 04:15:33 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	35973	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	14341	1.12	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.00%	
68) 1,2-Dichlorobenzene-d4	11.85	152	13350	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery	=	109.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	150425	10.310	ug/l 100
3) Chloromethane	1.32	50	156747	9.091	ug/l 100
4) Vinyl Chloride	1.40	62	151628	9.216	ug/l 100
5) Bromomethane	1.63	94	90887	11.180	ug/l 100
6) Chloroethane	1.70	64	103750	10.840	ug/l 100
7) Trichlorofluoromethane	1.88	101	220528	11.241	ug/l 100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	111387	11.276	ug/l 100
9) 1,1-Dichloroethene	2.29	96	111190	11.359	ug/l 100
10) Iodomethane	2.41	142	161747	12.695	ug/l 100
11) Allyl Chloride	2.59	41	225962	10.789	ug/l 100
12) Acrylonitrile	2.94	53	67656	21.256	ug/l 100
13) Acetone	2.33	43	130717	44.771	ug/l 100
14) Carbon Disulfide	2.48	76	414765	11.533	ug/l 100
15) Methylene Chloride	2.70	84	135816	10.172	ug/l 100
16) trans-1,2-Dichloroethene	2.98	96	124148	11.211	ug/l 100
17) 1,1-Dichloroethane	3.44	63	184722	8.523	ug/l 100
18) 2-Butanone	4.27	43	160707	43.187	ug/l 100
19) Cyclohexane	4.99	56	142291	8.139	ug/l 100
20) Methylcyclohexane	6.41	83	158179	10.427	ug/l 100
21) 2,2-Dichloropropane	4.22	77	147744	8.824	ug/l 100
22) cis-1,2-Dichloroethene	4.22	96	108649	9.718	ug/l 100
23) Diethyl Ether	2.10	59	107085	10.870	ug/l 100
24) tert-Butyl Alcohol	2.86	59	115503	100.370	ug/l 100
25) Methyl tert-Butyl Ether	3.00	73	337779	11.037	ug/l 100
26) Bromochloromethane	4.54	128	48644	10.045	ug/l 100
27) Chloroform	4.67	83	186986	9.109	ug/l 100
28) 1,1,1-Trichloroethane	4.91	97	160420	9.492	ug/l 100
29) 1,1-Dichloropropene	5.13	75	142747	9.643	ug/l 100
30) Carbon Tetrachloride	5.13	117	143150	9.699	ug/l 100
31) Isopropyl Ether	3.57	45	279015	7.924	ug/l 100
32) Ethyl-t-butyl ether	4.07	59	249545	8.722	ug/l 100
33) Tert-Amyl methyl ether	5.58	73	246412	10.240	ug/l 100
34) Propionitrile	4.33	54	44756	48.388	ug/l 100
35) Benzene	5.39	78	438381	9.976	ug/l 100
36) 1,2-Dichloroethane	5.40	62	134719	9.638	ug/l 100
37) Trichloroethene	6.18	130	113601	10.622	ug/l 100
38) 1,2-Dichloropropane	6.43	63	117079	9.342	ug/l 100
39) Methacrylonitrile	4.54	41	39777	8.697	ug/l 100
40) Methyl acrylate	4.42	55	59484	10.583	ug/l 100
41) Tetrahydrofuran	4.65	42	40983	16.650	ug/l 100
42) 1-Chlorobutane	5.06	56	209653	9.324	ug/l 100

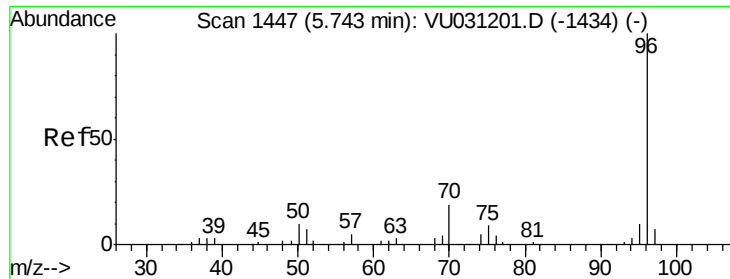
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU041519\
 Data File : VU031201.D
 Acq On : 15 Apr 2019 22:20
 Operator : JC/SP
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 16 04:15:33 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	61388	10.442	ug/l	100
44) Bromodichloromethane	6.75	83	148688	9.683	ug/l	100
45) 4-Methyl-2-Pentanone	7.46	43	409595	48.986	ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	66842	23.221	ug/l	91
47) Methyl methacrylate	6.62	69	119562	22.312	ug/l	100
48) Ethyl methacrylate	8.02	69	111848	11.143	ug/l	100
49) Toluene	7.63	92	258512	10.781	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	137649	10.456	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	158417	10.012	ug/l	100
52) 1,1,2-Trichloroethane	8.06	97	82995	9.896	ug/l	100
53) 1,3-Dichloropropane	8.24	76	146487	9.978	ug/l	100
54) 2-Hexanone	8.36	43	278665	50.239	ug/l	100
55) Dibromochloromethane	8.47	129	99873	10.480	ug/l	100
56) 1,2-Dibromoethane	8.58	107	78468	10.367	ug/l	100
58) Tetrachloroethene	8.22	164	105078	11.055	ug/l	100
59) Chlorobenzene	9.12	112	274058	10.452	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.20	131	99044	10.011	ug/l	100
61) Pentachloroethane	11.10	117	75536	9.964	ug/l	100
62) Hexachloroethane	12.14	117	74212	10.302	ug/l	100
63) Ethyl Benzene	9.25	91	474202	10.921	ug/l	100
64) m/p-Xylenes	9.37	106	371998	23.432	ug/l	100
65) o-Xylene	9.77	106	171174	11.095	ug/l	100
66) Styrene	9.79	104	305577	11.471	ug/l	100
67) Bromoform	9.95	173	59423	10.849	ug/l	100
69) Isopropylbenzene	10.16	105	460059	11.175	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.45	83	106674	9.672	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	66842	7.971	ug/l #	89
72) Bromobenzene	10.45	156	115700	11.118	ug/l	100
73) n-propylbenzene	10.58	120	127022	11.567	ug/l	100
74) 2-Chlorotoluene	10.66	126	113889	11.365	ug/l	100
75) 1,3,5-Trimethylbenzene	10.77	105	399397	11.453	ug/l	100
76) 4-Chlorotoluene	10.77	126	114764	11.221	ug/l	100
77) tert-Butylbenzene	11.10	119	379162	11.158	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	410718	11.562	ug/l	100
79) sec-Butylbenzene	11.32	105	512969	11.109	ug/l	100
80) Nitrobenzene	12.86	77	20899	63.668	ug/l	100
81) p-Isopropyltoluene	11.47	119	420948	11.626	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	224245	10.880	ug/l	100
83) 1,4-Dichlorobenzene	11.50	146	227418	11.164	ug/l	100
84) n-Butylbenzene	11.89	91	408551	11.227	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	210945	10.769	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.65	75	17916	10.404	ug/l	100
87) 1,2,4-Trichlorobenzene	13.50	180	140044	11.970	ug/l	100
88) Hexachlorobutadiene	13.69	225	81085	11.548	ug/l	100
89) Naphthalene	13.74	128	264836	12.851	ug/l	100
90) 1,2,3-Trichlorobenzene	13.98	180	137740	11.838	ug/l	100

(#) = 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: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 96 Resp: 35973

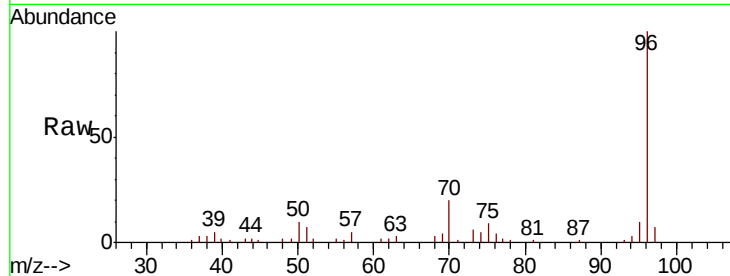
Ion Ratio Lower Upper

96 100

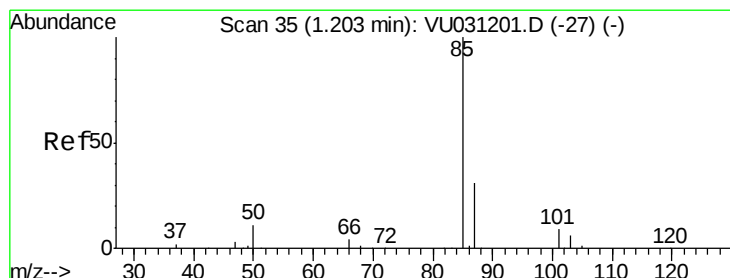
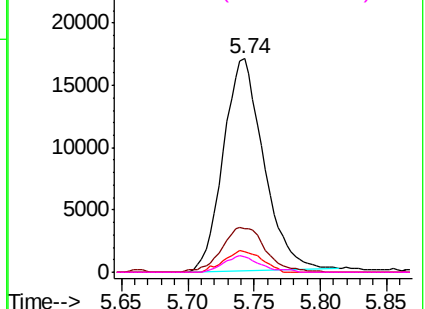
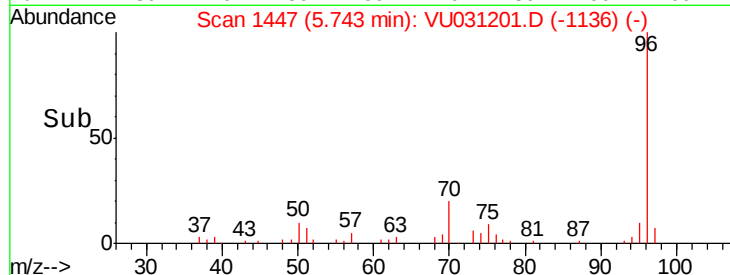
70 23.0 18.4 27.6

95 9.5 7.6 11.4

97 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 70.00 (69.70 to 70.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 10.310 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031201.D

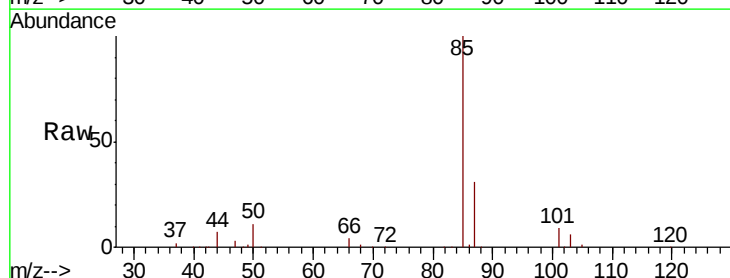
Acq: 15 Apr 2019 22:20

Tgt Ion: 85 Resp: 150425

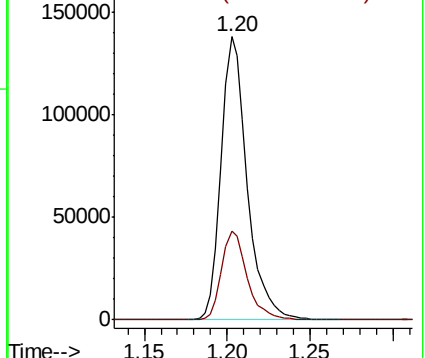
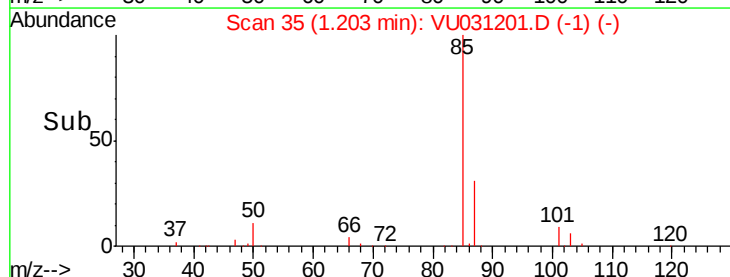
Ion Ratio Lower Upper

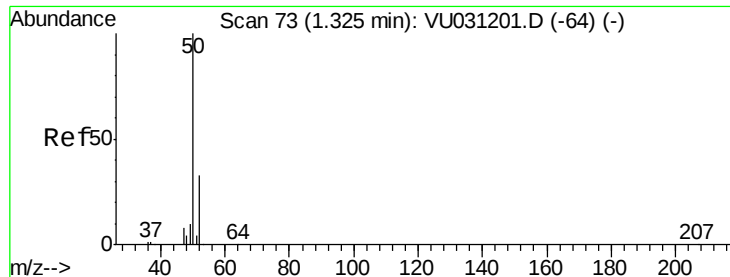
85 100

87 31.5 15.8 47.3



Abundance Ion 85.00 (84.70 to 85.70): VU0
Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.091 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

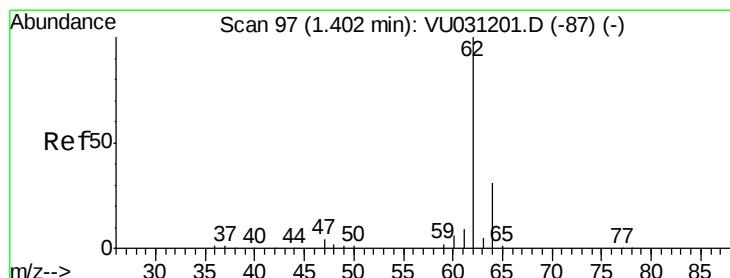
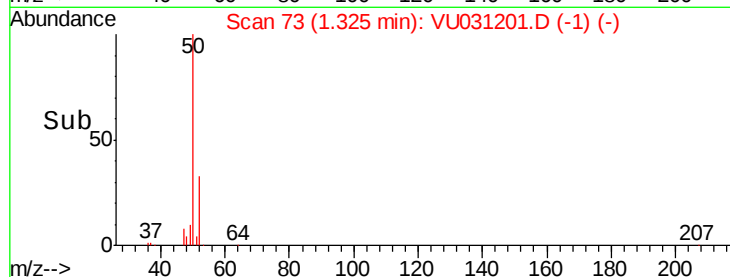
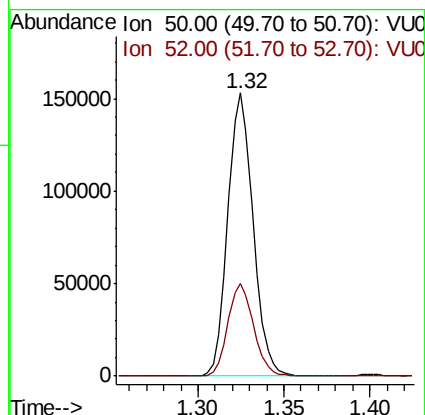
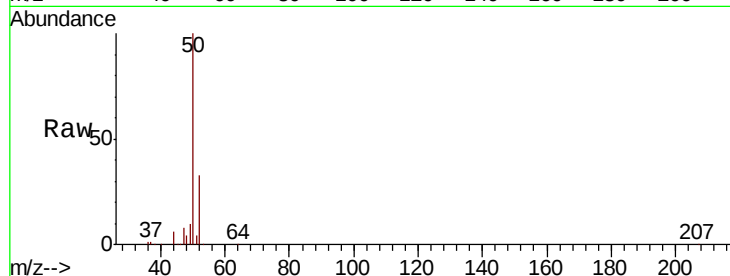
VSTDICCC010

Tgt Ion: 50 Resp: 156747

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 9.216 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031201.D

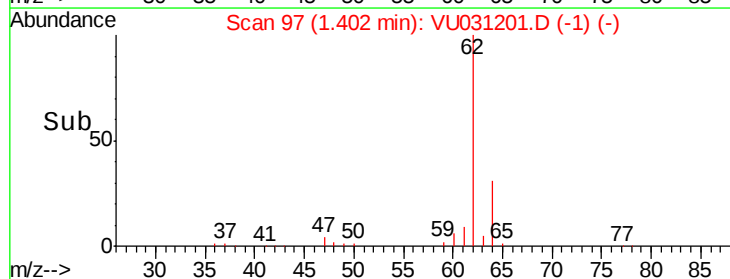
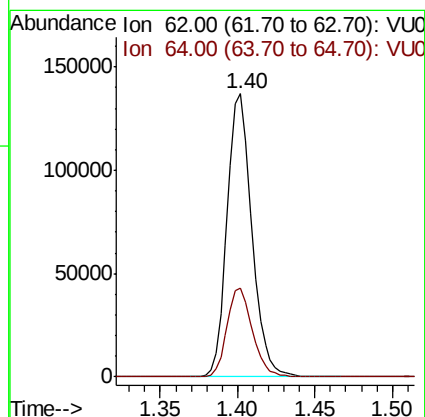
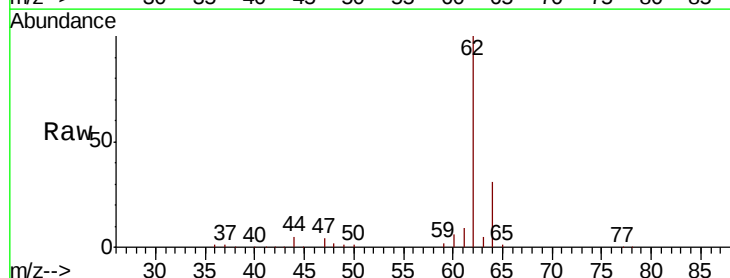
Acq: 15 Apr 2019 22:20

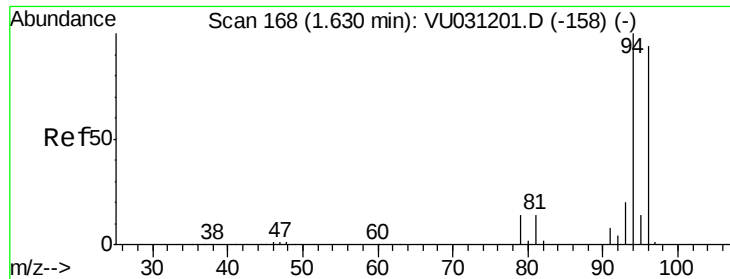
Tgt Ion: 62 Resp: 151628

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.6





#5

Bromomethane

Concen: 11.180 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

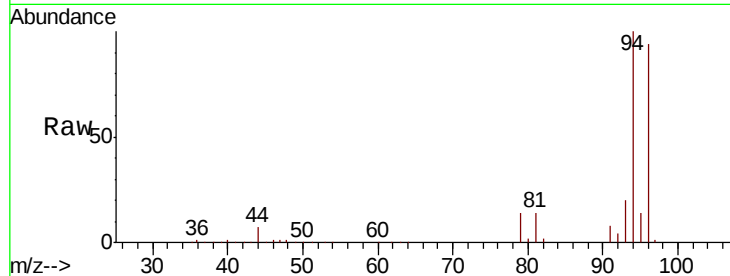
VSTDICCC010

Tgt Ion: 94 Resp: 90887

Ion Ratio Lower Upper

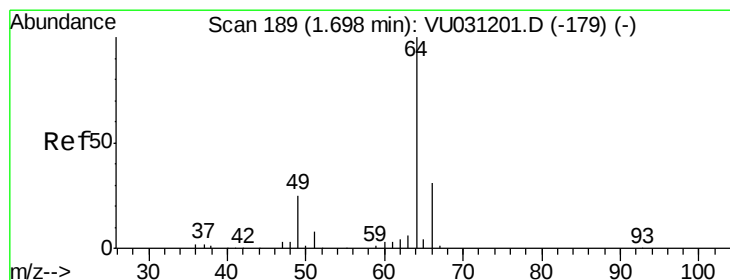
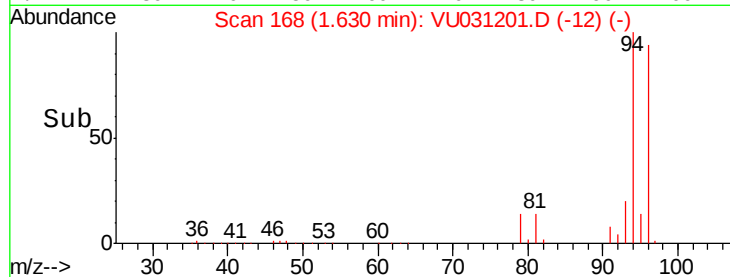
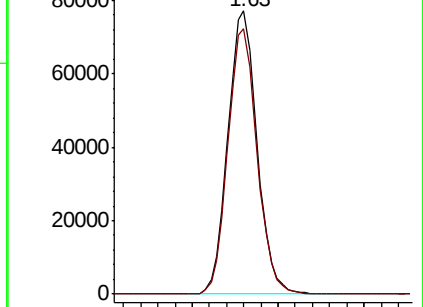
94 100

96 93.8 75.0 112.6



Abundance Ion 94.00 (93.70 to 94.70): VU031201.D (-158) (-)

Ion 96.00 (95.70 to 96.70): VU031201.D (-158) (-)



#6

Chloroethane

Concen: 10.840 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031201.D

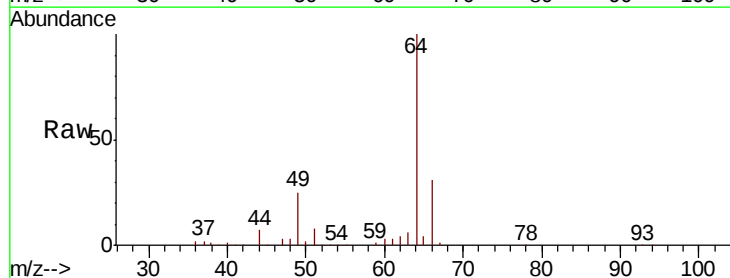
Acq: 15 Apr 2019 22:20

Tgt Ion: 64 Resp: 103750

Ion Ratio Lower Upper

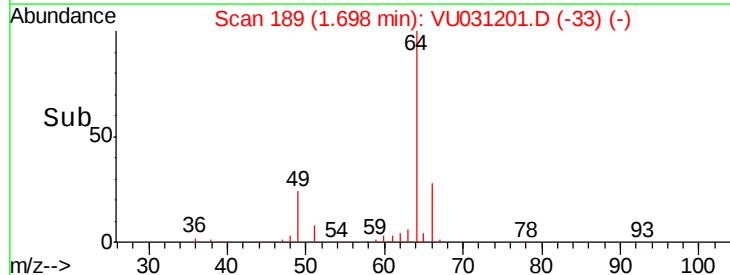
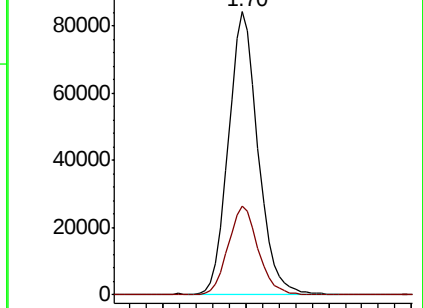
64 100

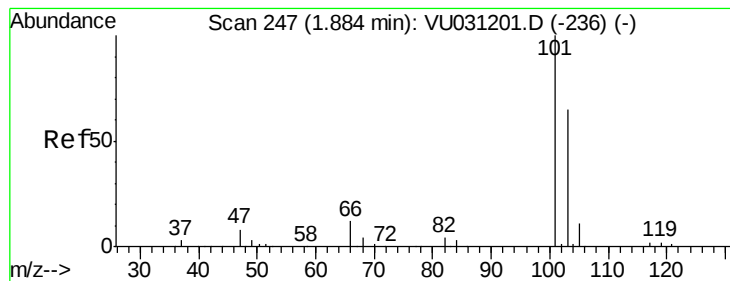
66 31.4 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU031201.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU031201.D (-179) (-)



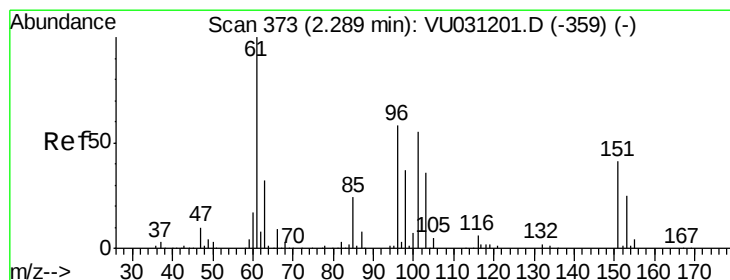
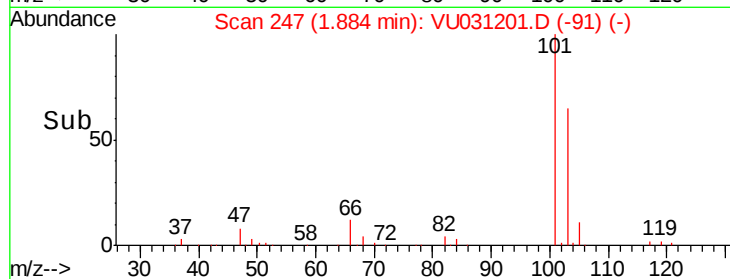
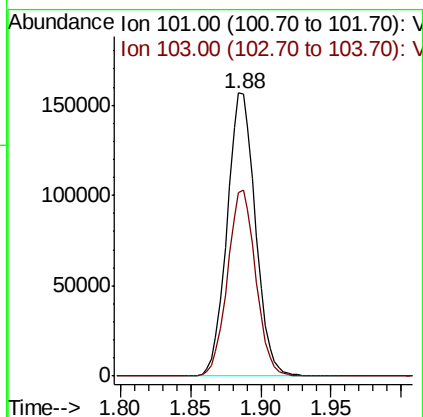
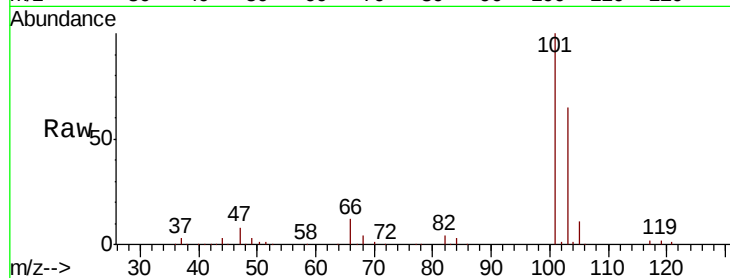


#7

Trichlorofluoromethane
 Concen: 11.241 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

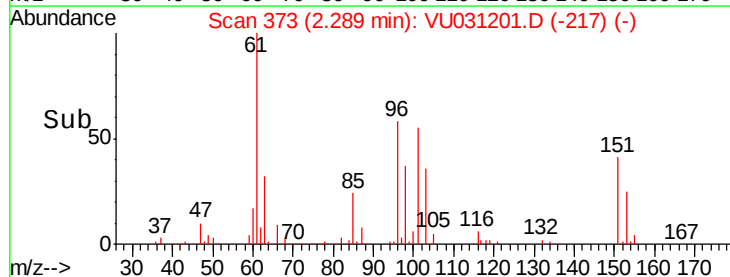
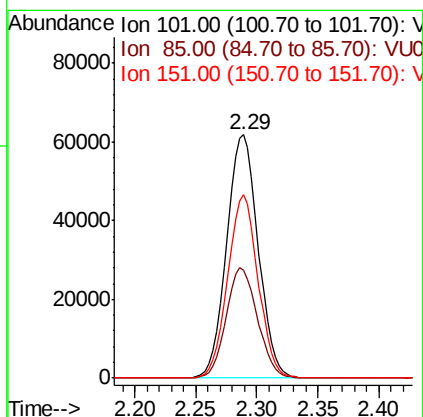
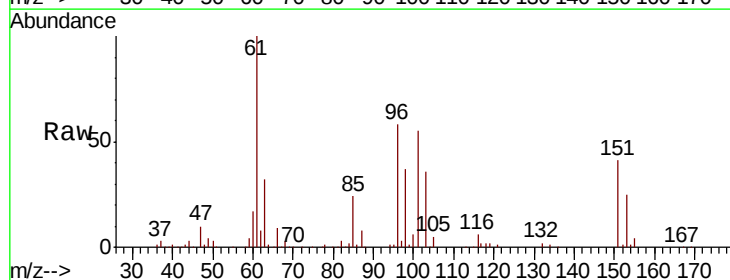
Tgt Ion:101 Resp: 220528
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.8 77.8

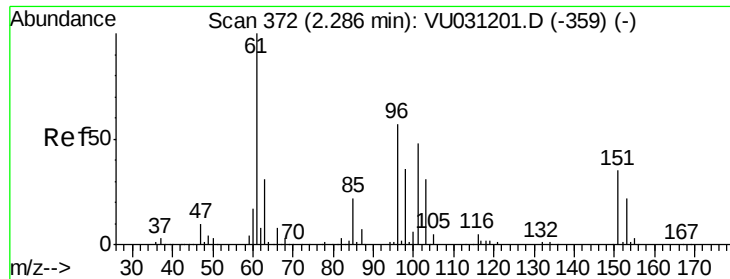


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.276 ug/l
 RT: 2.29 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:101 Resp: 111387
 Ion Ratio Lower Upper
 101 100
 85 45.1 36.1 54.1
 151 72.7 58.2 87.2





#9

1,1-Dichloroethene

Concen: 11.359 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

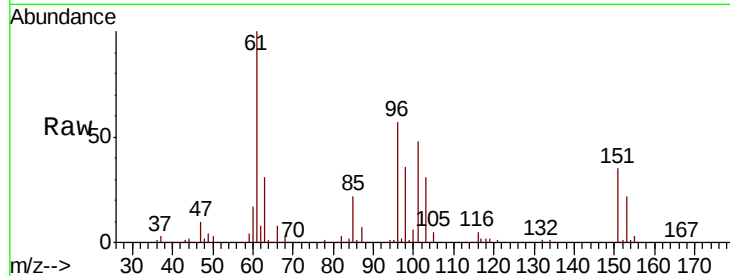
Tgt Ion: 96 Resp: 111190

Ion Ratio Lower Upper

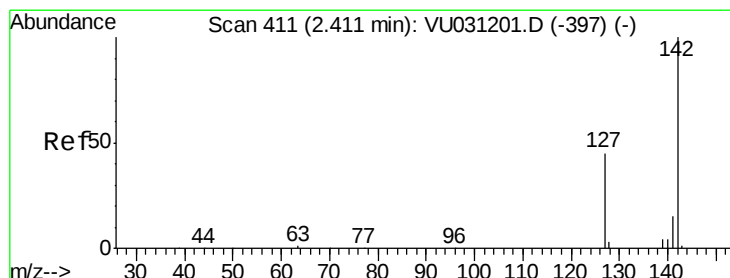
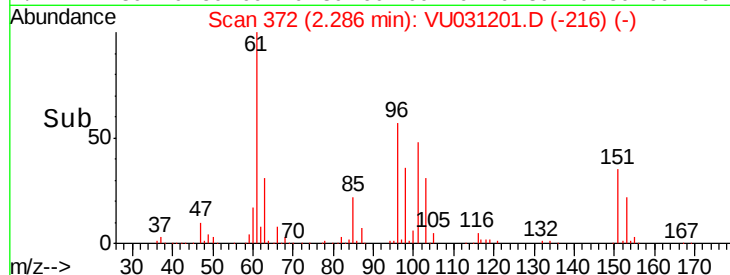
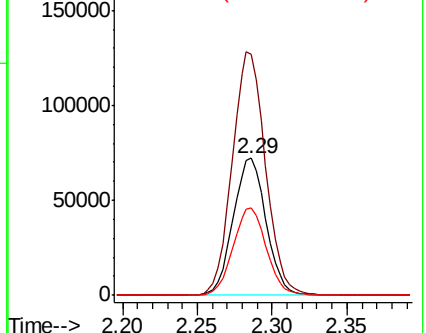
96 100

61 175.9 0.0 527.7

98 63.8 0.0 127.6



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



#10

Iodomethane

Concen: 12.695 ug/l

RT: 2.41 min Scan# 411

Delta R.T. 0.00 min

Lab File: VU031201.D

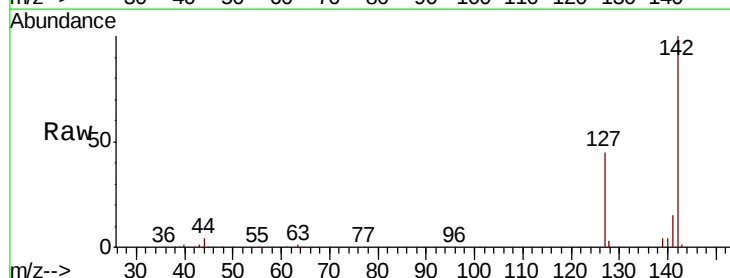
Acq: 15 Apr 2019 22:20

Tgt Ion: 142 Resp: 161747

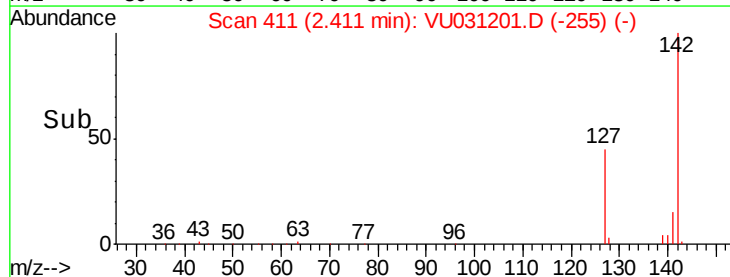
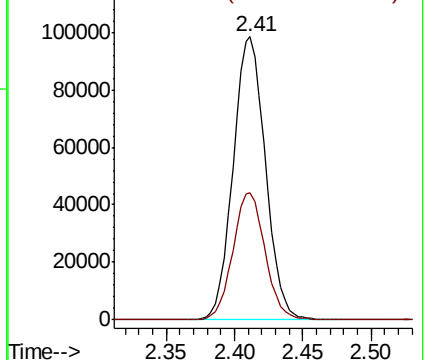
Ion Ratio Lower Upper

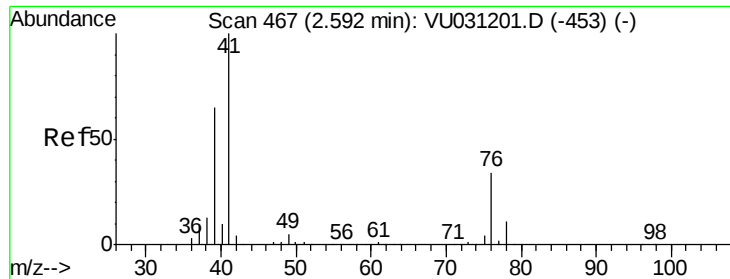
142 100

127 44.9 35.9 53.9



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

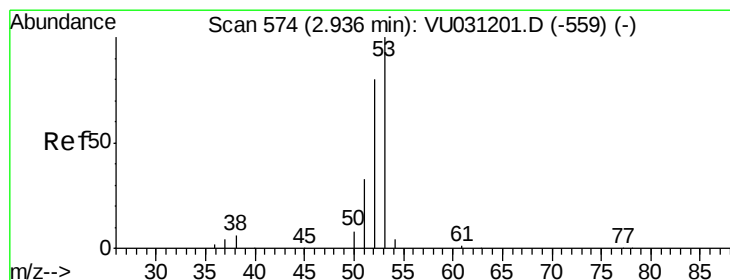
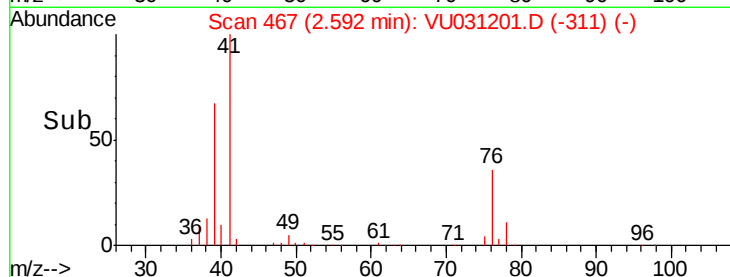
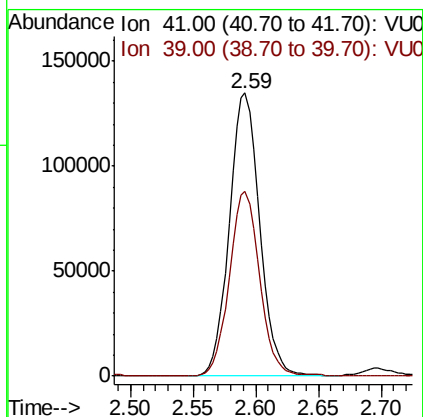
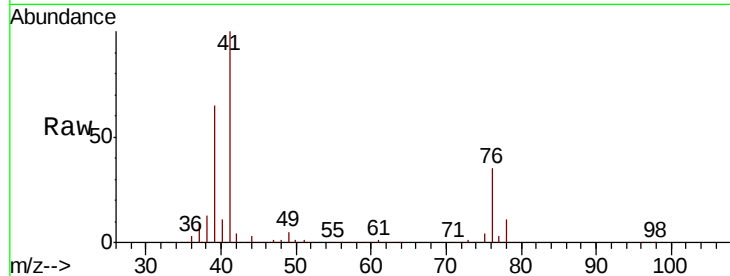




#11
 Allyl Chloride
 Concen: 10.789 ug/l
 RT: 2.59 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

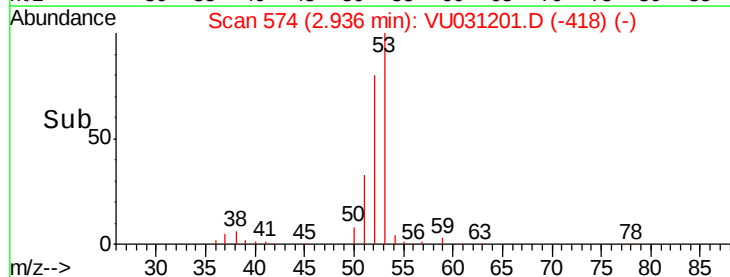
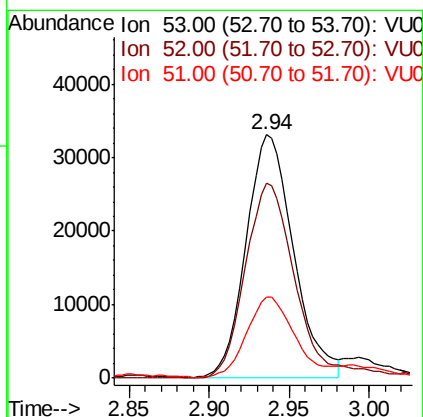
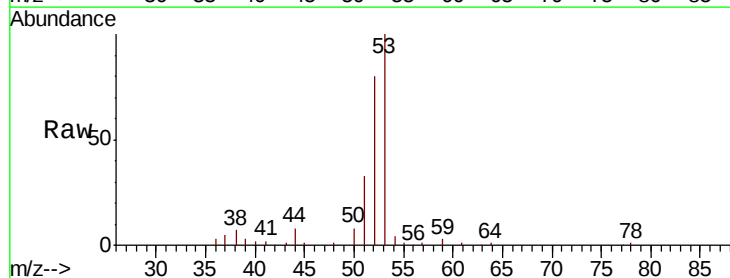
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

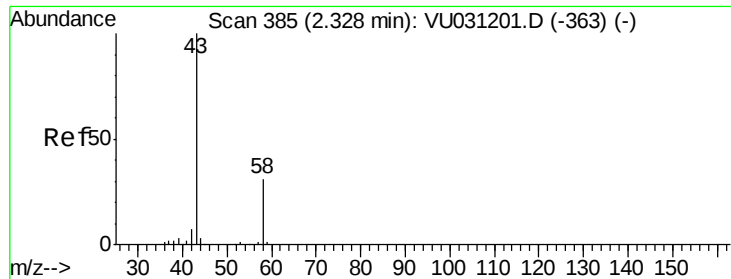
Tgt Ion: 41 Resp: 225962
 Ion Ratio Lower Upper
 41 100
 39 64.9 51.9 77.9



#12
 Acrylonitrile
 Concen: 21.256 ug/l
 RT: 2.94 min Scan# 574
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 53 Resp: 67656
 Ion Ratio Lower Upper
 53 100
 52 84.8 67.8 101.8
 51 33.6 26.9 40.3





#13

Acetone

Concen: 44.771 ug/l

RT: 2.33 min Scan# 385

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

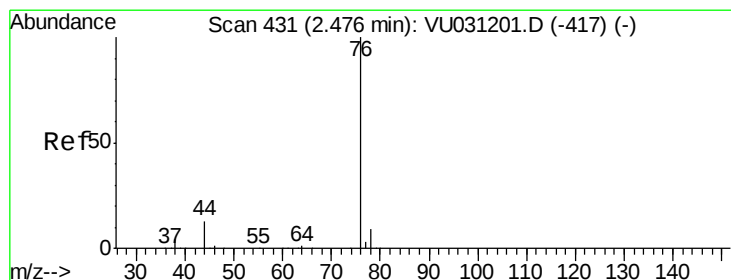
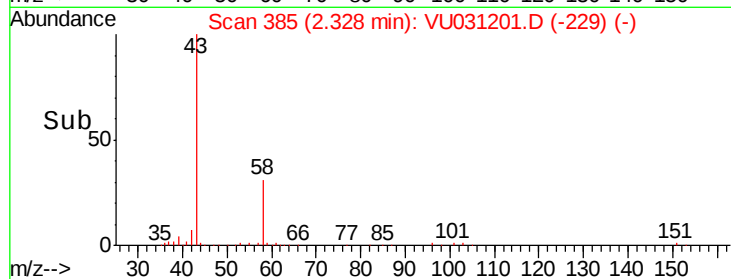
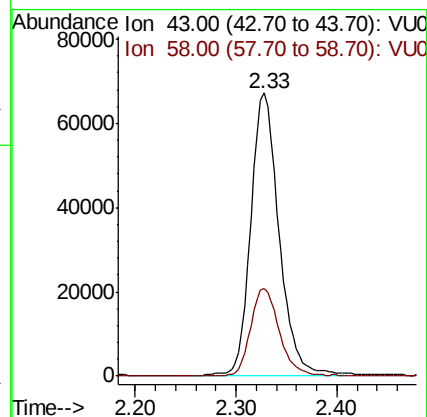
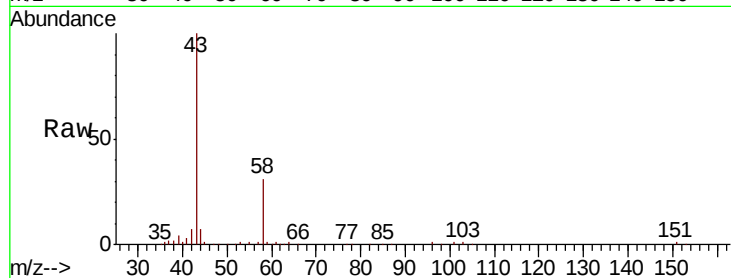
VSTDICCC010

Tgt Ion: 43 Resp: 130717

Ion Ratio Lower Upper

43 100

58 30.9 24.7 37.1



#14

Carbon Disulfide

Concen: 11.533 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031201.D

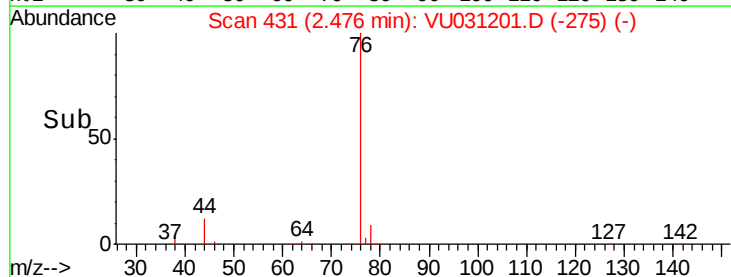
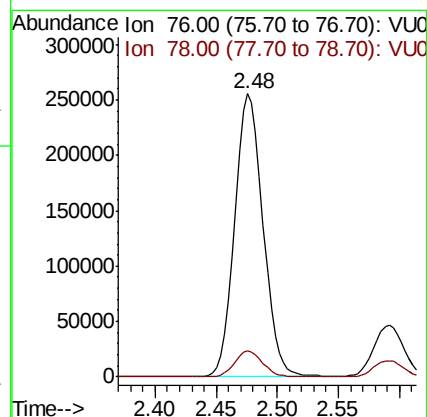
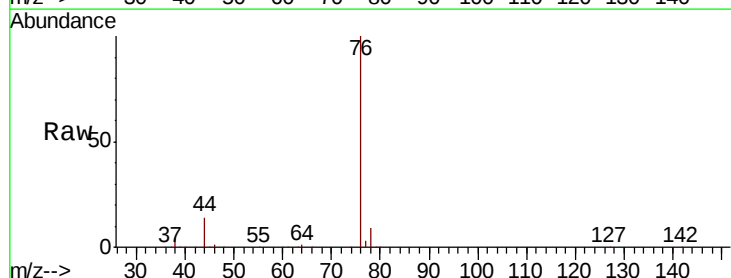
Acq: 15 Apr 2019 22:20

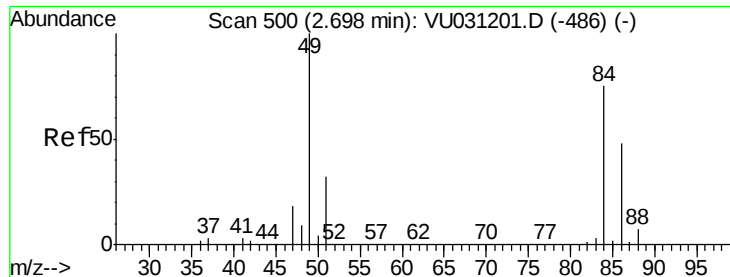
Tgt Ion: 76 Resp: 414765

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

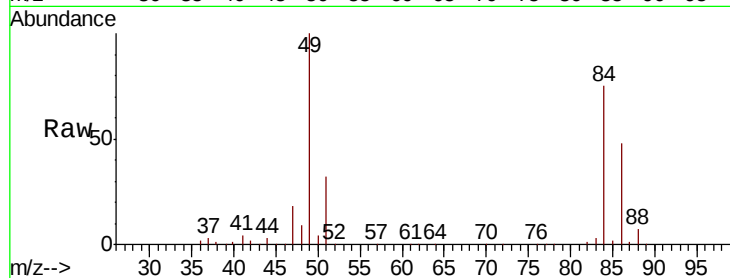




#15
Methylene Chloride
Concen: 10.172 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion:	84	Resp:	135816
Ion	Ratio	Lower	Upper
84	100		
49	132.6	106.1	159.1
51	42.1	0.0	84.2
86	63.1	50.5	75.7



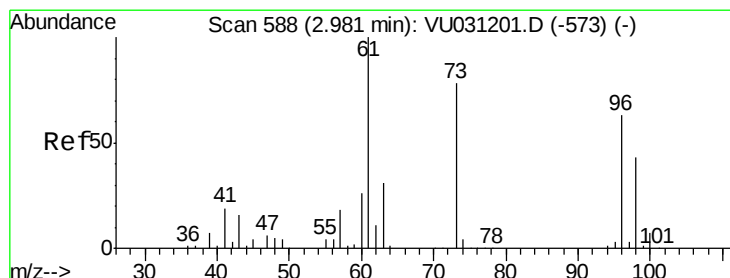
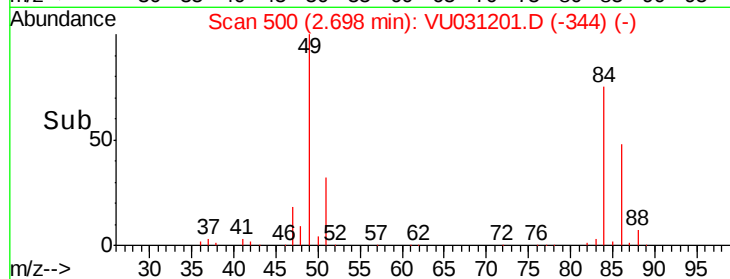
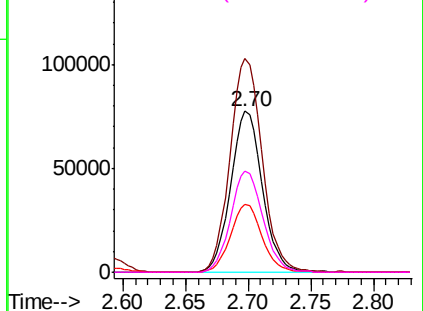
Abundance

Ion 84.00 (83.70 to 84.70): VU0

Ion 49.00 (48.70 to 49.70): VU0

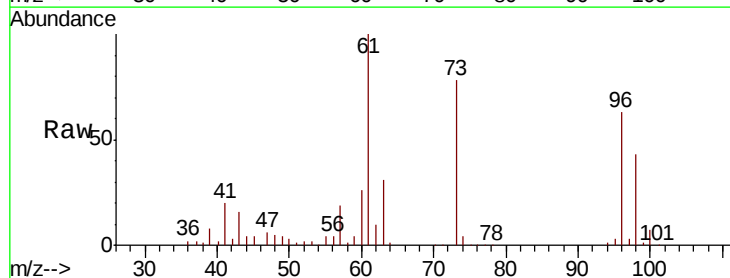
Ion 51.00 (50.70 to 51.70): VU0

Ion 86.00 (85.70 to 86.70): VU0



#16
trans-1,2-Dichloroethene
Concen: 11.211 ug/l
RT: 2.98 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion:	96	Resp:	124148
Ion	Ratio	Lower	Upper
96	100		
61	158.2	126.6	189.8
98	67.4	53.9	80.9

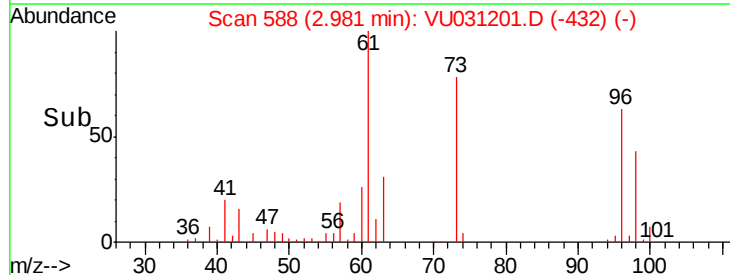
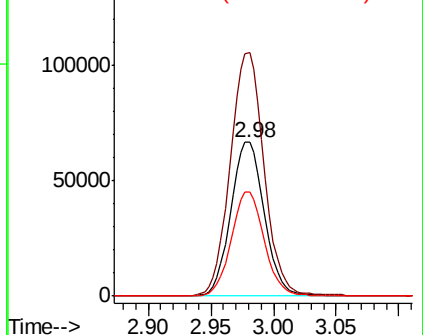


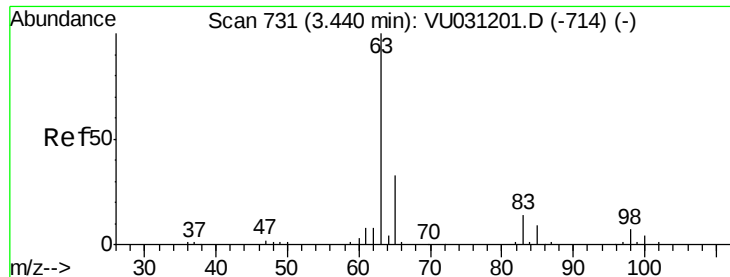
Abundance

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

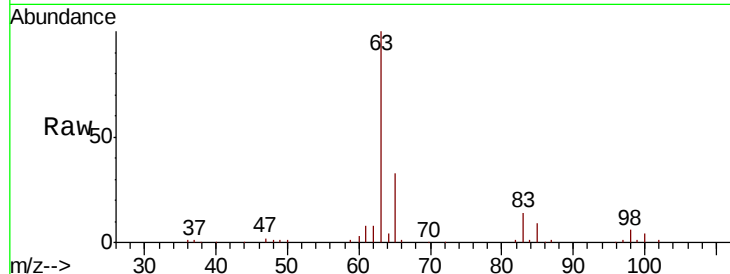




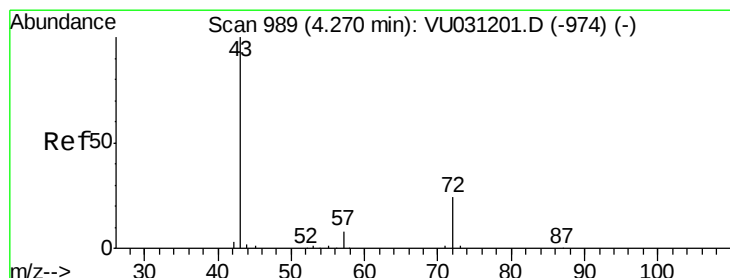
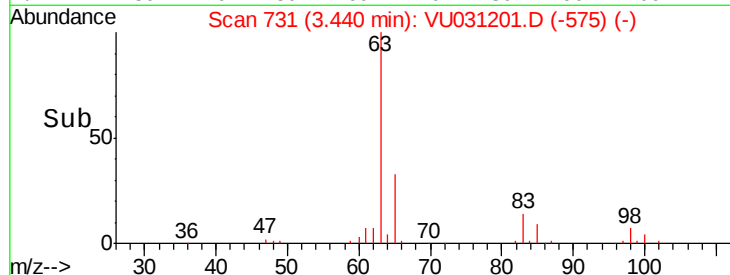
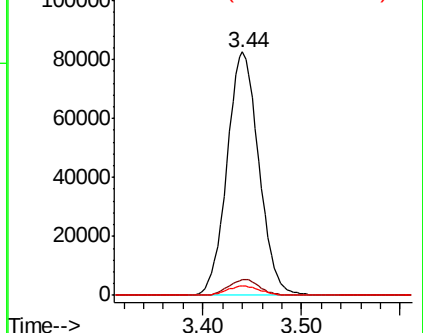
#17
 1,1-Dichloroethane
 Concen: 8.523 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 63 Resp: 184722
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 3.9 2.0 5.8

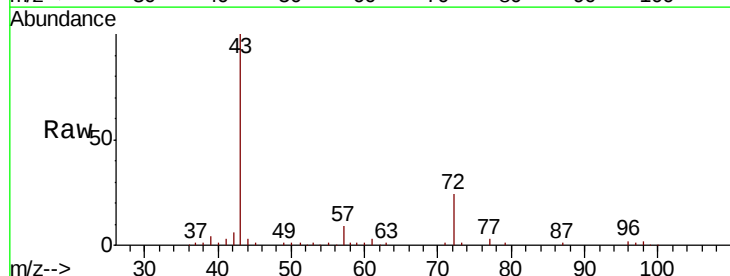


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

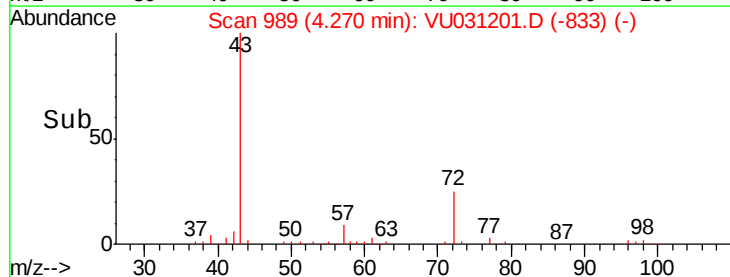
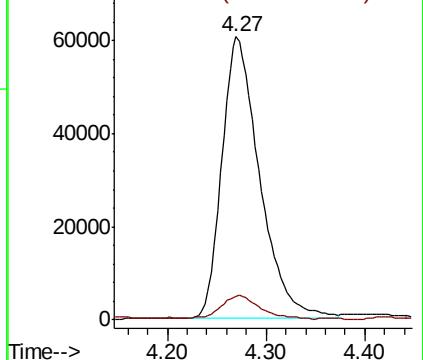


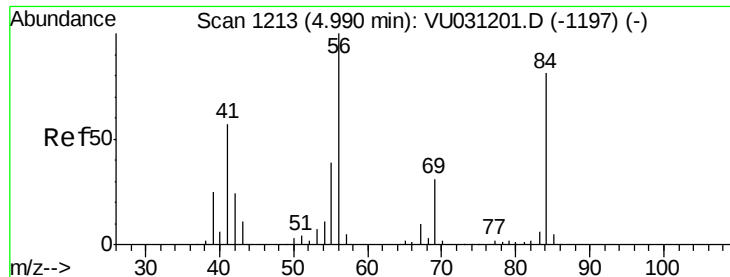
#18
 2-Butanone
 Concen: 43.187 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 43 Resp: 160707
 Ion Ratio Lower Upper
 43 100
 57 8.1 0.0 16.2



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

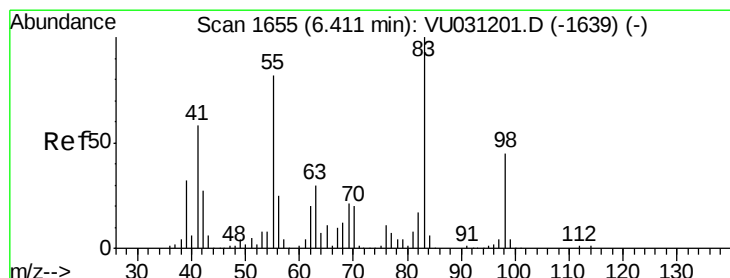
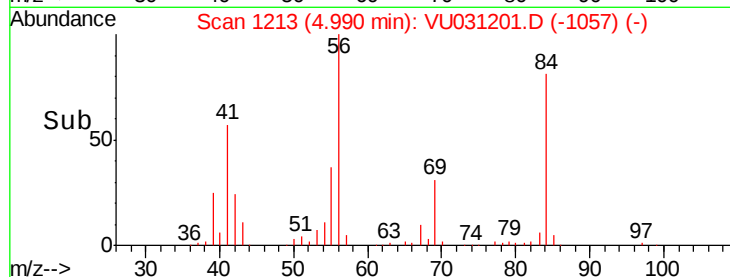
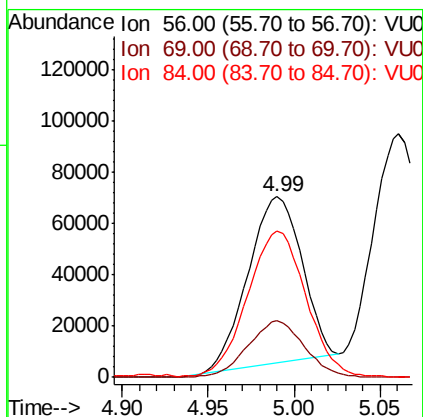
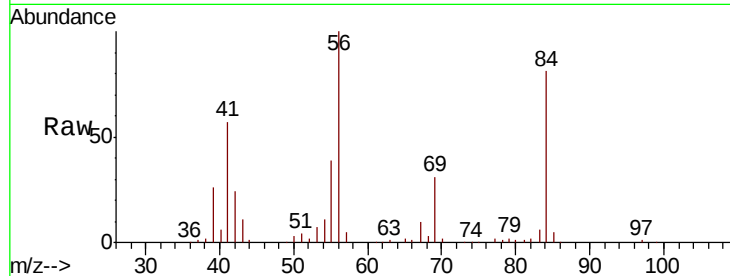




#19
Cyclohexane
Concen: 8.139 ug/l
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

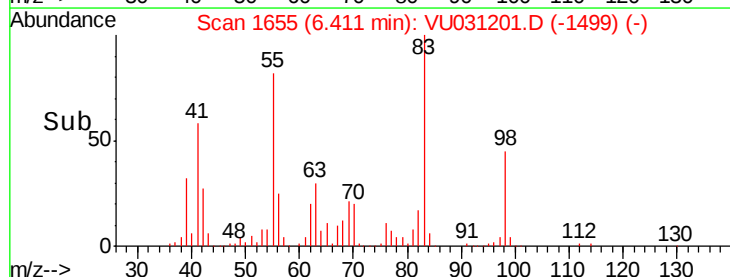
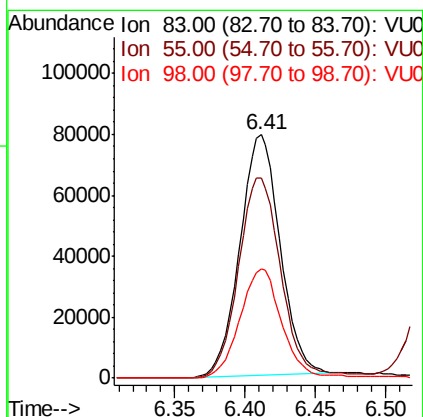
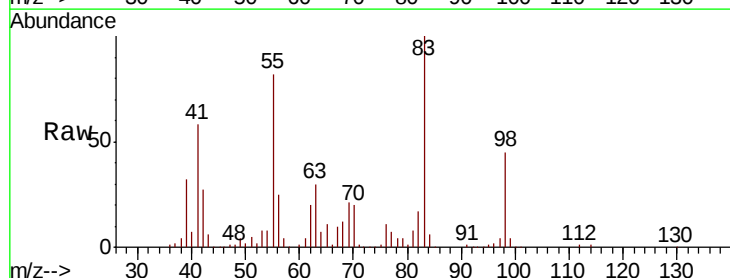
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

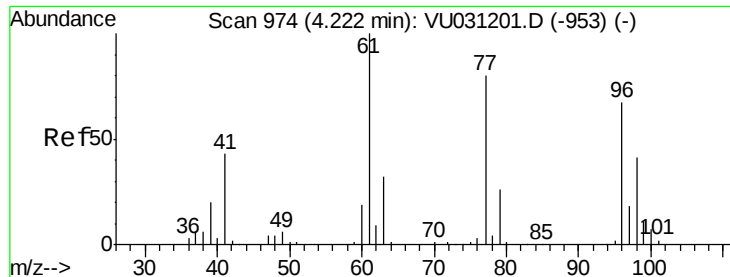
Tgt Ion: 56 Resp: 142291
Ion Ratio Lower Upper
56 100
69 35.4 28.3 42.5
84 94.0 75.2 112.8



#20
Methylcyclohexane
Concen: 10.427 ug/l
RT: 6.41 min Scan# 1655
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 83 Resp: 158179
Ion Ratio Lower Upper
83 100
55 85.2 68.2 102.2
98 44.8 35.8 53.8

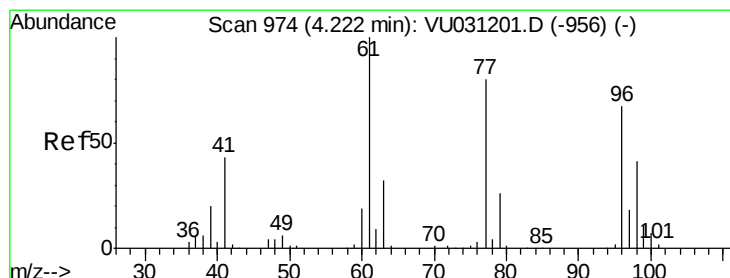
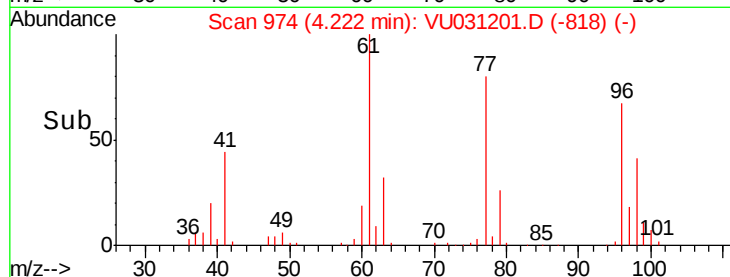
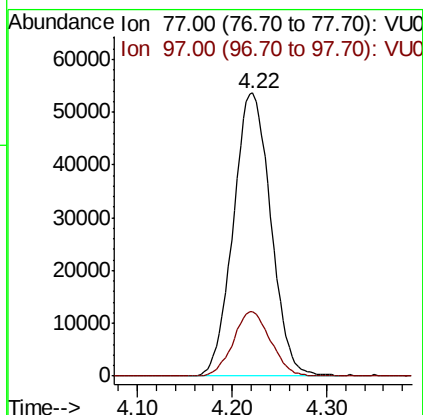
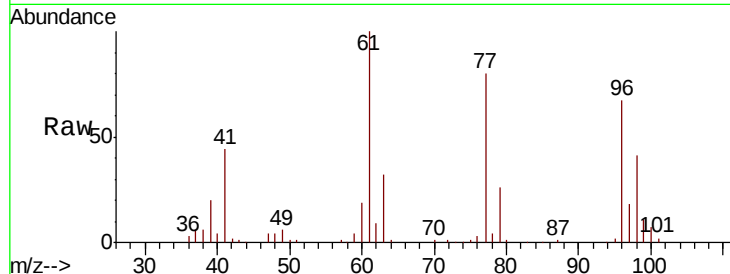




#21
 2,2-Dichloropropane
 Concen: 8.824 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

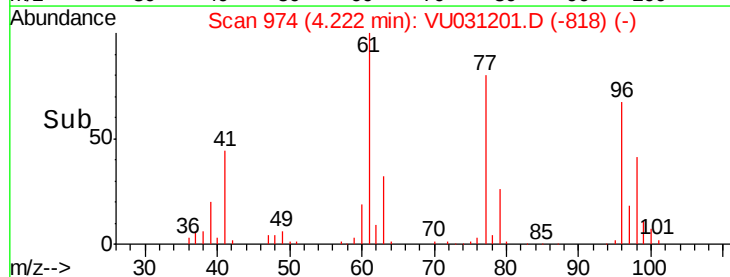
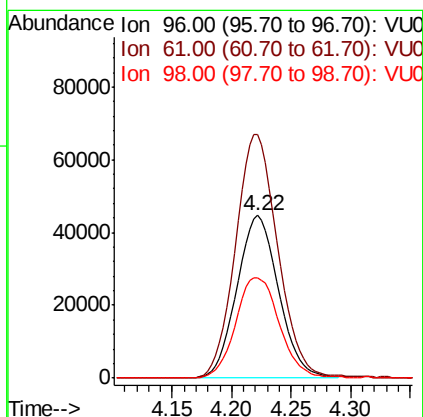
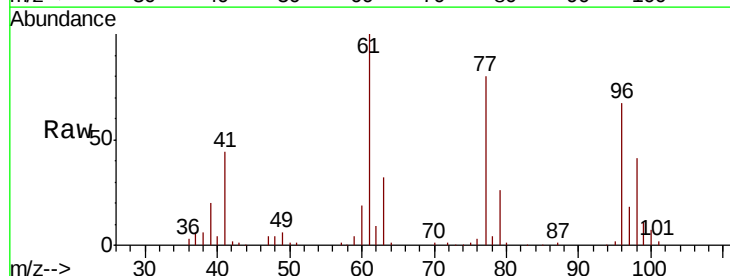
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

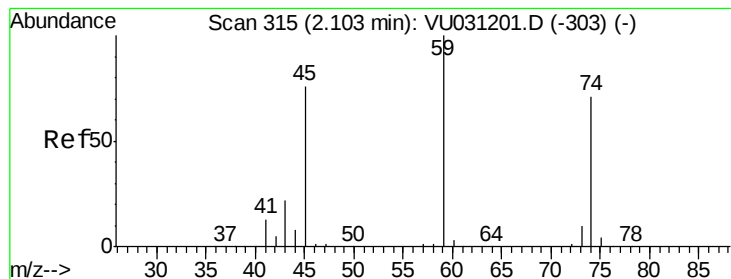
Tgt Ion: 77 Resp: 147744
 Ion Ratio Lower Upper
 77 100
 97 22.7 18.2 27.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.718 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 96 Resp: 108649
 Ion Ratio Lower Upper
 96 100
 61 152.0 0.0 380.0
 98 64.6 32.3 96.9





#23

Diethyl Ether

Concen: 10.870 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

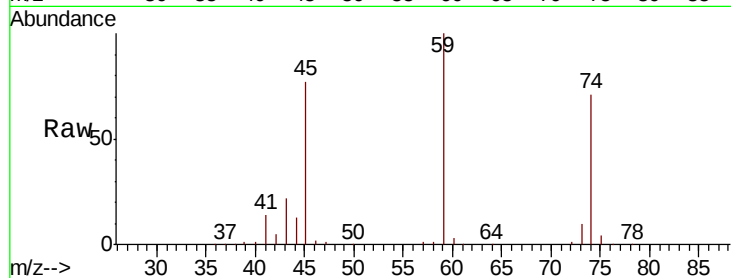
Tgt Ion: 59 Resp: 107085

Ion Ratio Lower Upper

59 100

45 77.2 61.8 92.6

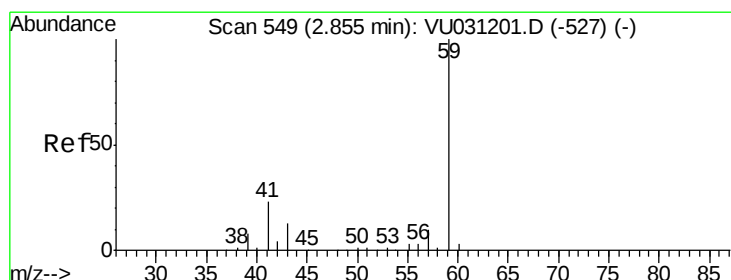
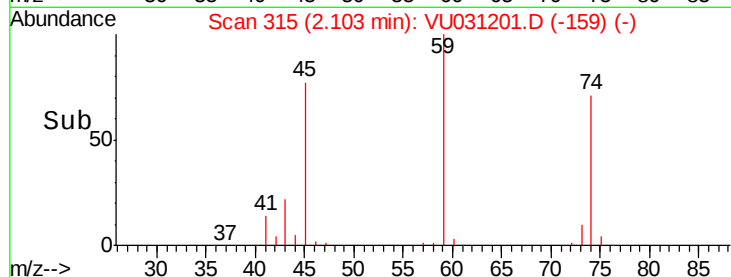
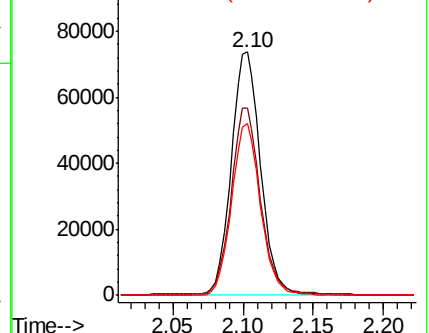
74 69.8 55.8 83.8



Abundance Ion 59.00 (58.70 to 59.70): VU031201.D (-303) (-)

Ion 45.00 (44.70 to 45.70): VU031201.D (-303) (-)

Ion 74.00 (73.70 to 74.70): VU031201.D (-303) (-)



#24

tert-Butyl Alcohol

Concen: 100.370 ug/l

RT: 2.86 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU031201.D

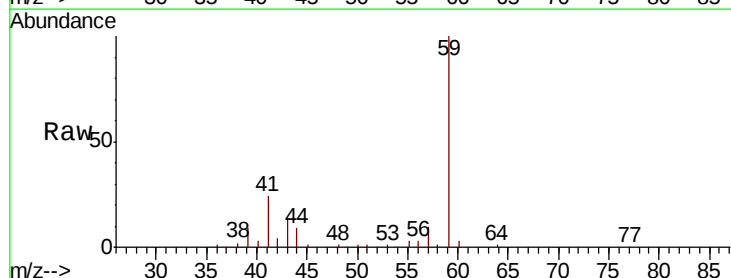
Acq: 15 Apr 2019 22:20

Tgt Ion: 59 Resp: 115503

Ion Ratio Lower Upper

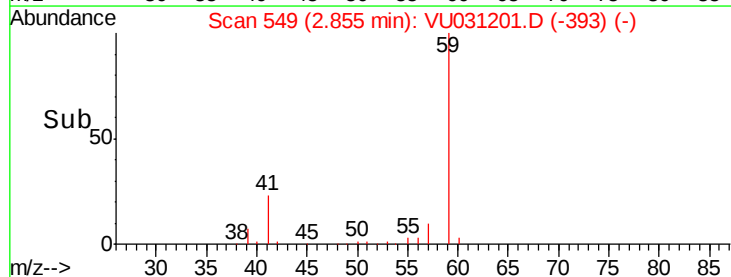
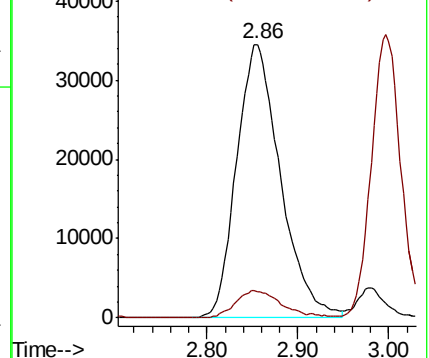
59 100

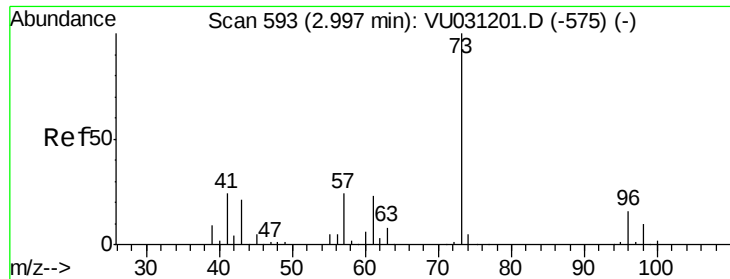
57 10.5 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VU031201.D (-527) (-)

Ion 57.00 (56.70 to 57.70): VU031201.D (-527) (-)



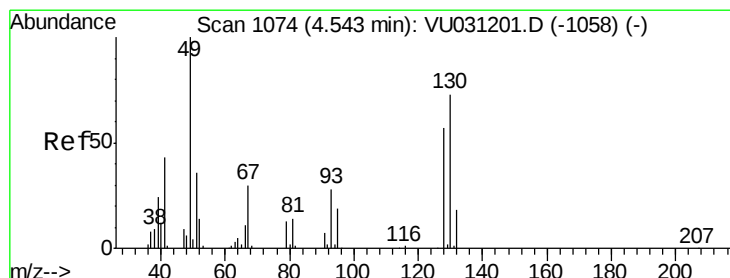
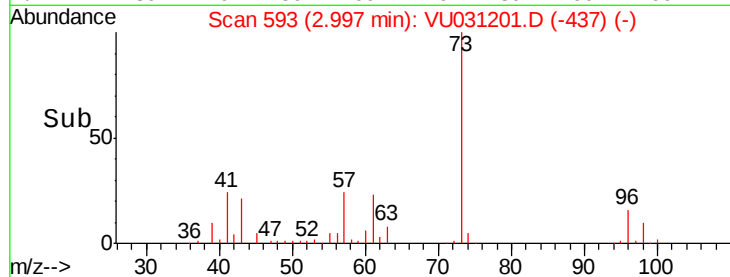
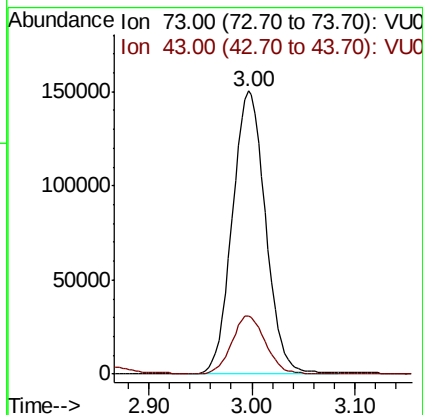
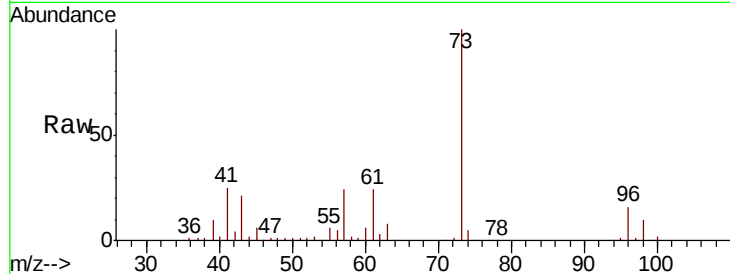


#25

Methyl tert-Butyl Ether
 Concen: 11.037 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

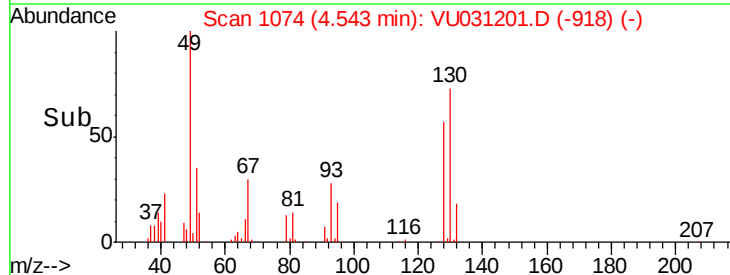
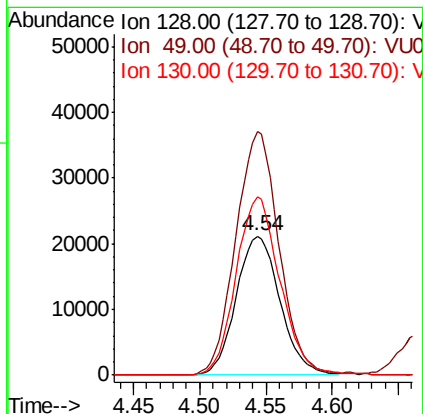
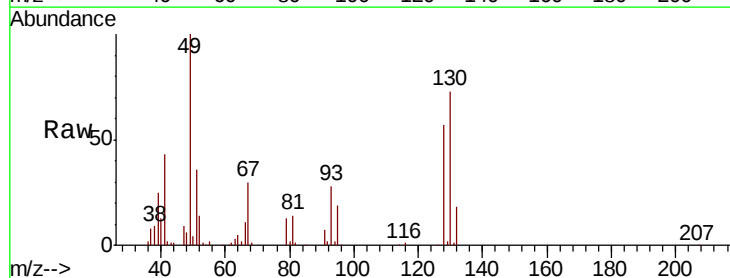
Tgt Ion: 73 Resp: 337779
 Ion Ratio Lower Upper
 73 100
 43 20.3 16.2 24.4

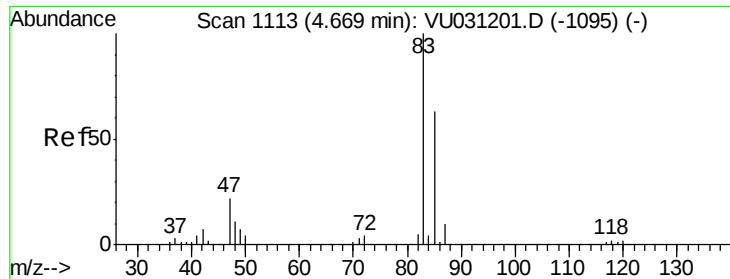


#26

Bromochloromethane
 Concen: 10.045 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 128 Resp: 48644
 Ion Ratio Lower Upper
 128 100
 49 172.9 0.0 345.8
 130 129.3 103.4 155.2

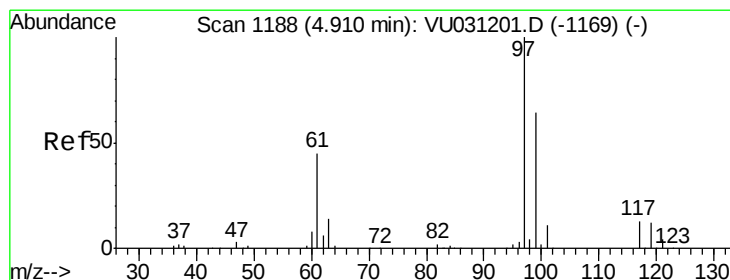
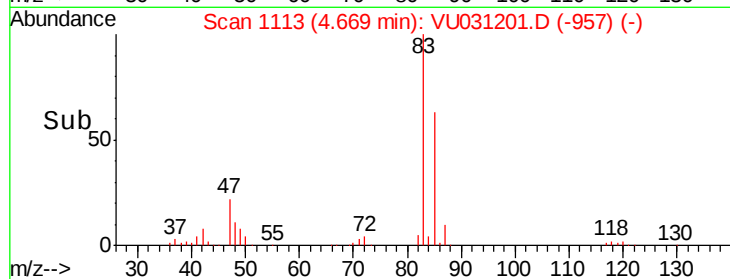
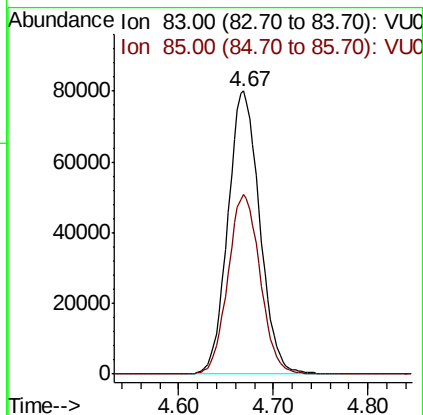
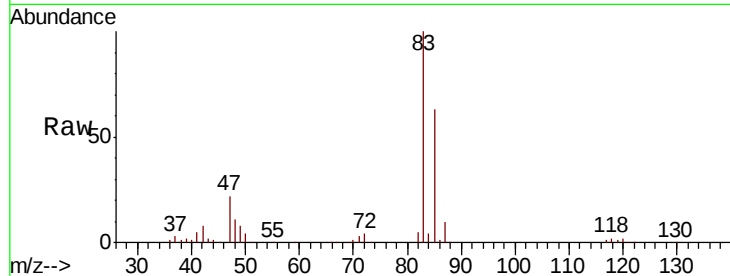




#27
Chloroform
Concen: 9.109 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

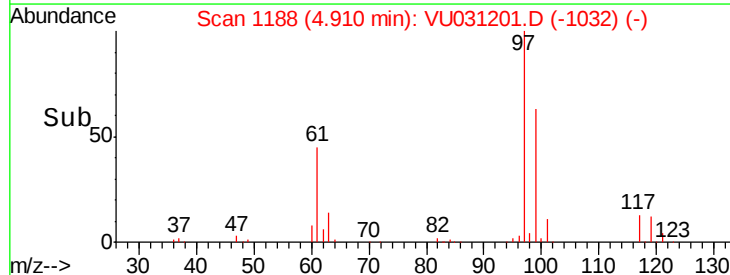
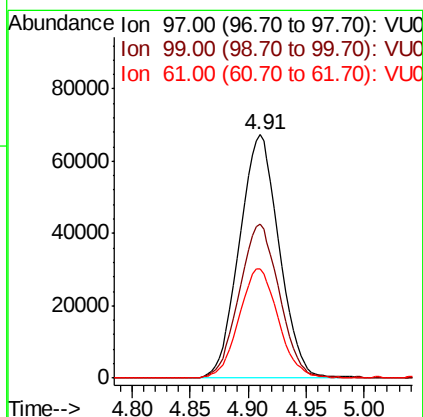
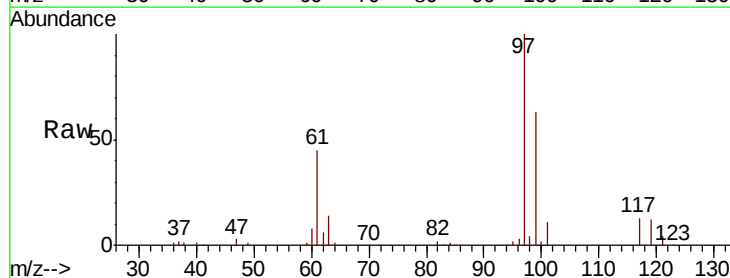
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

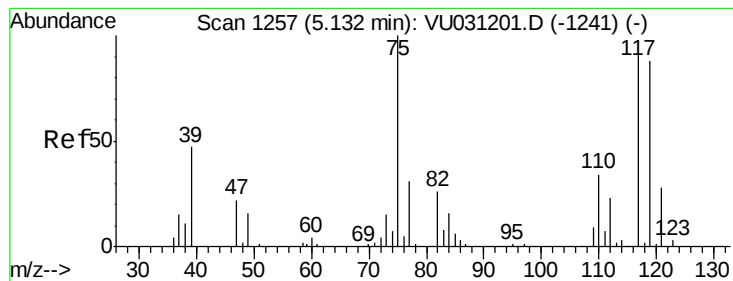
Tgt Ion: 83 Resp: 186986
Ion Ratio Lower Upper
83 100
85 63.3 0.0 126.6



#28
1,1,1-Trichloroethane
Concen: 9.492 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 97 Resp: 160420
Ion Ratio Lower Upper
97 100
99 64.0 32.0 96.0
61 44.4 22.2 66.6





#29

1,1-Dichloropropene

Concen: 9.643 ug/l

RT: 5.13 min Scan# 1257

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

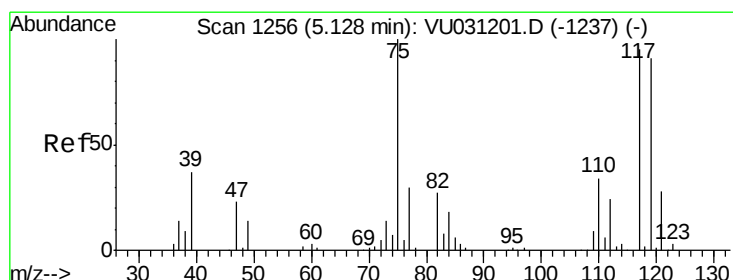
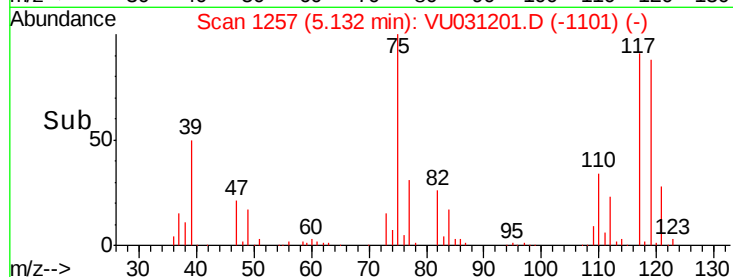
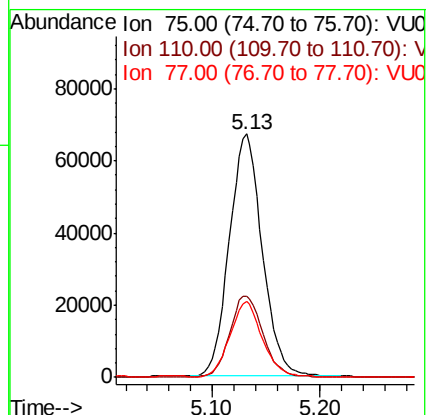
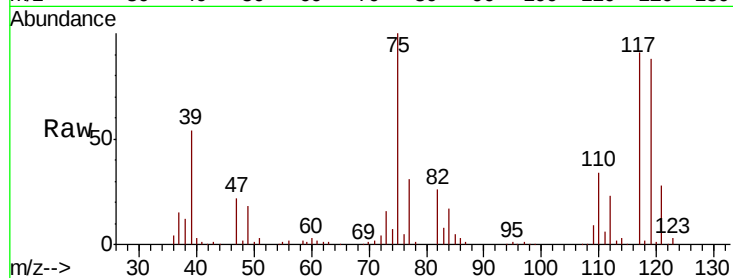
Tgt Ion: 75 Resp: 142747

Ion Ratio Lower Upper

75 100

110 34.3 17.2 51.5

77 31.1 24.9 37.3



#30

Carbon Tetrachloride

Concen: 9.699 ug/l

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

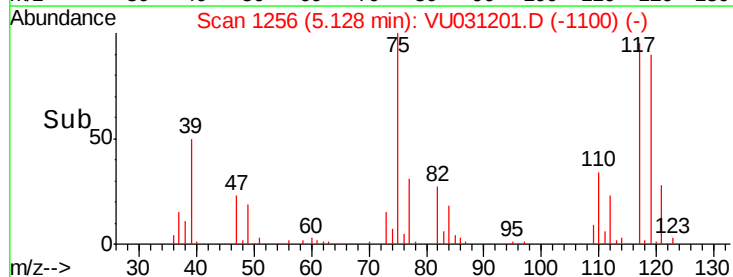
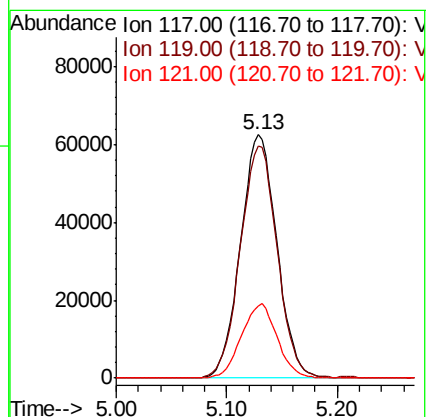
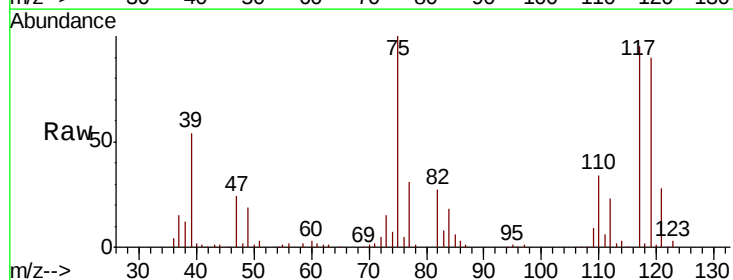
Tgt Ion: 117 Resp: 143150

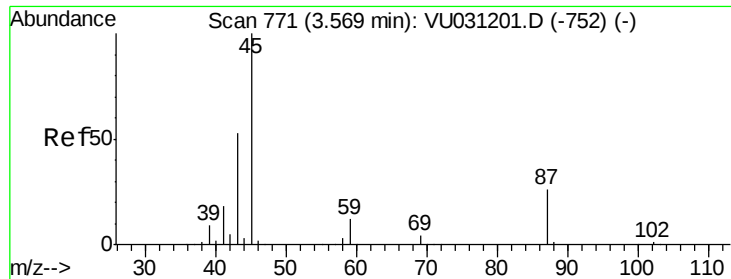
Ion Ratio Lower Upper

117 100

119 95.3 76.2 114.4

121 29.8 23.8 35.8





#31

Isopropyl Ether

Concen: 7.924 ug/l

RT: 3.57 min Scan# 771

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

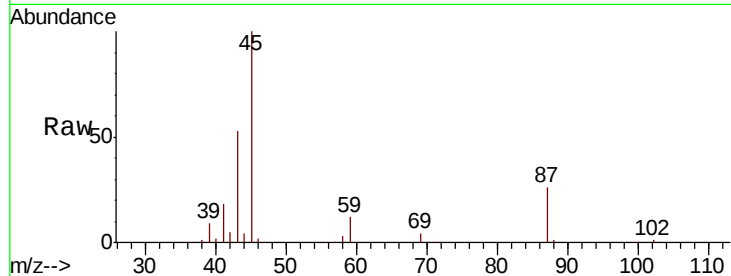
VSTDICCC010

Tgt Ion: 45 Resp: 279015

Ion Ratio Lower Upper

45 100

43 52.8 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) (-)

3.57

120000

100000

80000

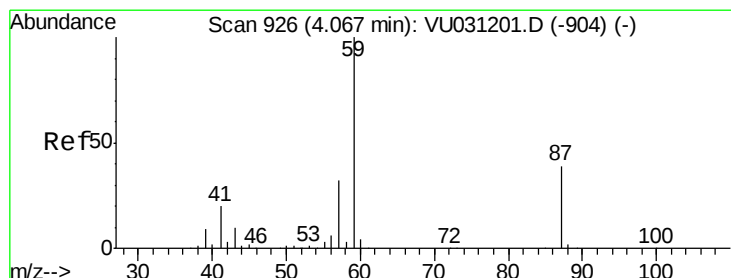
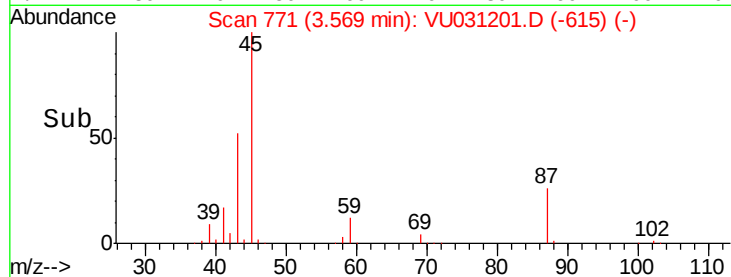
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 8.722 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031201.D

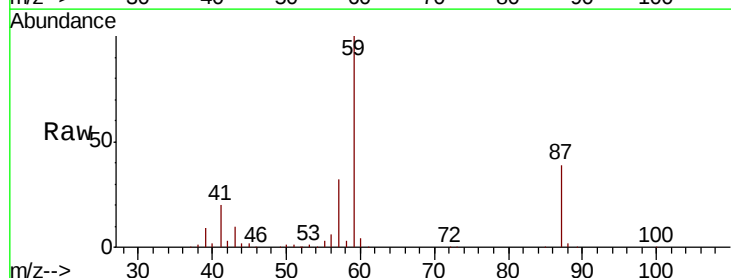
Acq: 15 Apr 2019 22:20

Tgt Ion: 59 Resp: 249545

Ion Ratio Lower Upper

59 100

87 40.2 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) (-)

4.07

100000

80000

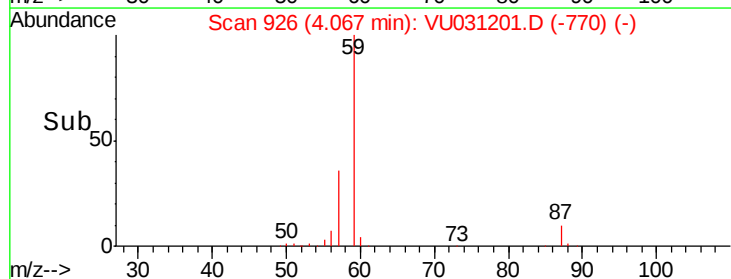
60000

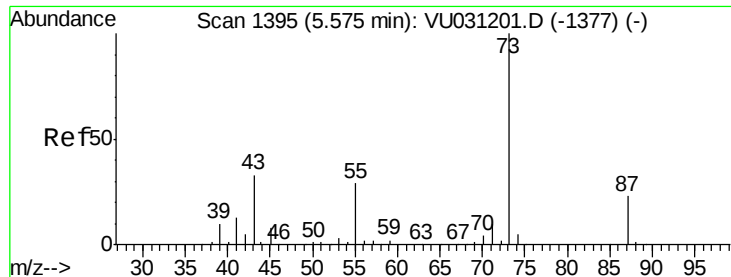
40000

20000

0

Time-->

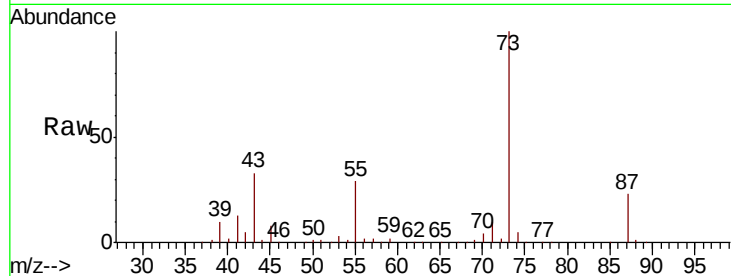




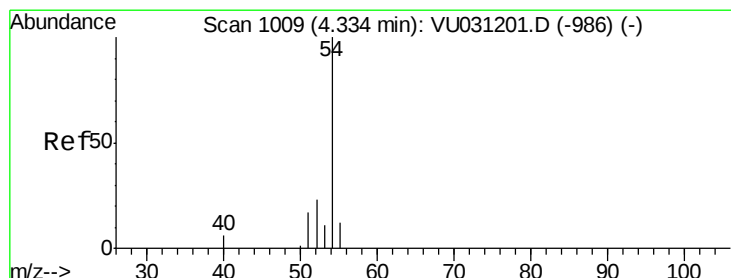
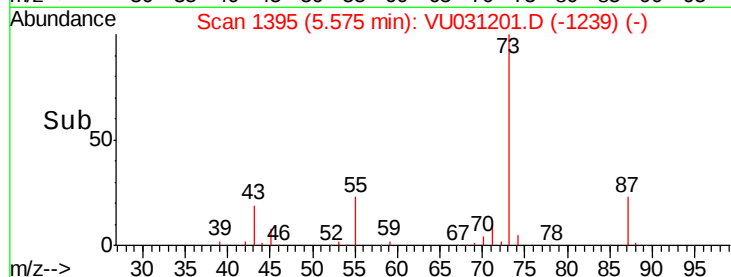
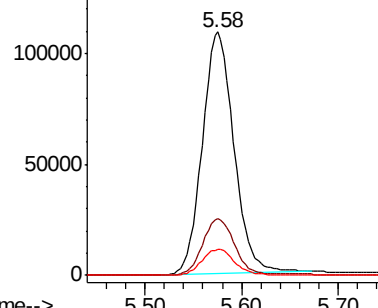
#33
Tert-Amyl methyl ether
Concen: 10.240 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 246412
Ion Ratio Lower Upper
73 100
87 23.0 18.4 27.6
71 11.0 8.8 13.2

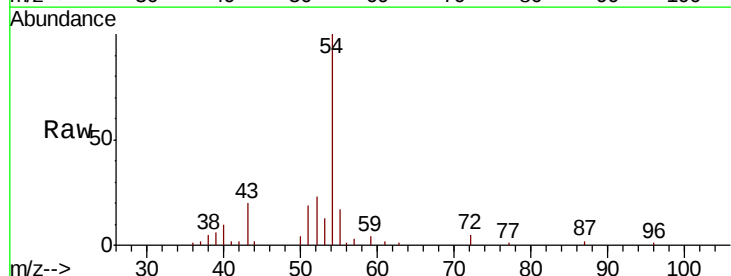


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

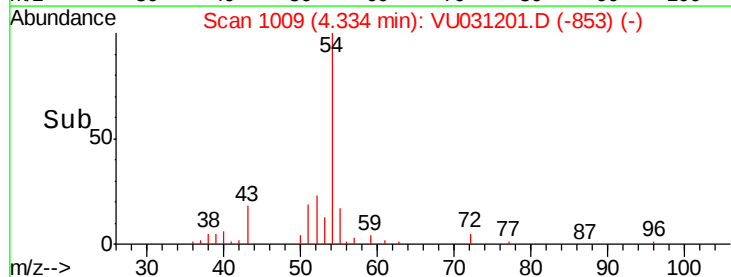
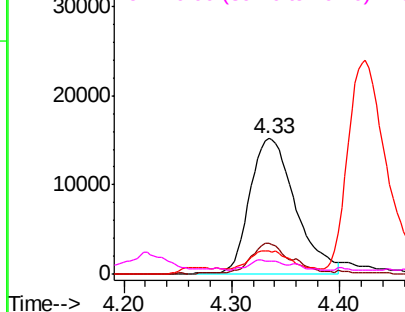


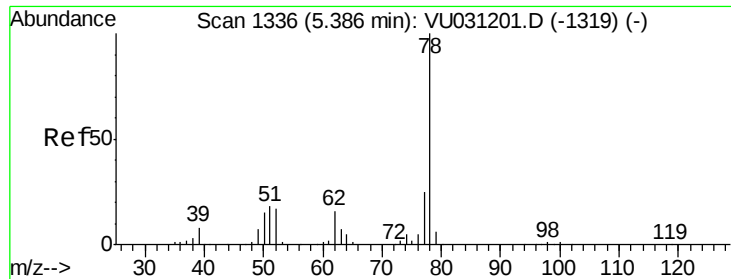
#34
Propionitrile
Concen: 48.388 ug/l
RT: 4.33 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 54 Resp: 44756
Ion Ratio Lower Upper
54 100
52 19.9 15.9 23.9
55 11.1 8.9 13.3
40 5.1 4.1 6.1



Abundance Ion 54.00 (53.70 to 54.70): VU0
Ion 52.00 (51.70 to 52.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 40.00 (39.70 to 40.70): VU0





#35

Benzene

Concen: 9.976 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

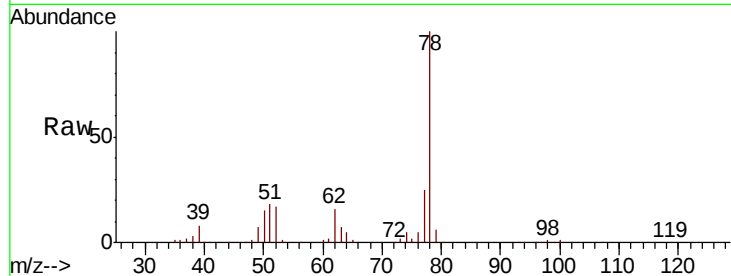
VSTDICCC010

Tgt Ion: 78 Resp: 438381

Ion Ratio Lower Upper

78 100

77 24.5 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

200000

150000

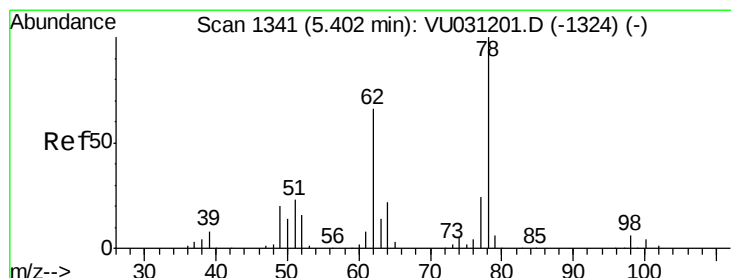
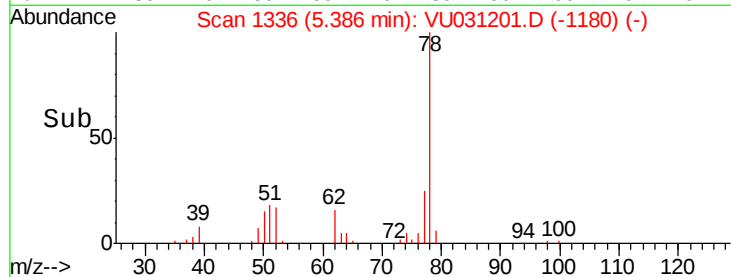
100000

50000

0

5.30 5.40 5.50

Time-->



#36

1,2-Dichloroethane

Concen: 9.638 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU031201.D

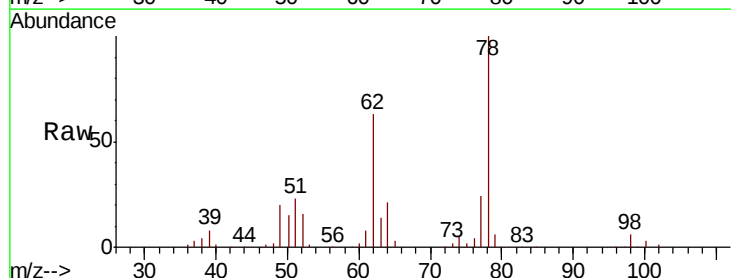
Acq: 15 Apr 2019 22:20

Tgt Ion: 62 Resp: 134719

Ion Ratio Lower Upper

62 100

98 8.8 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

60000

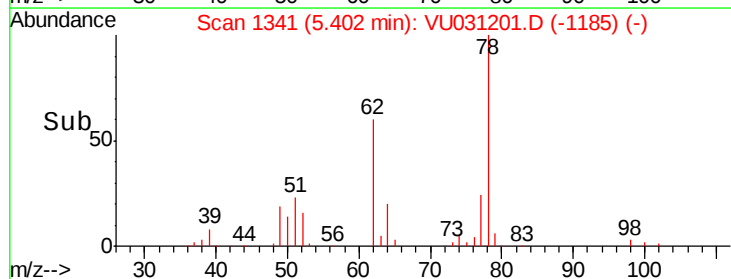
40000

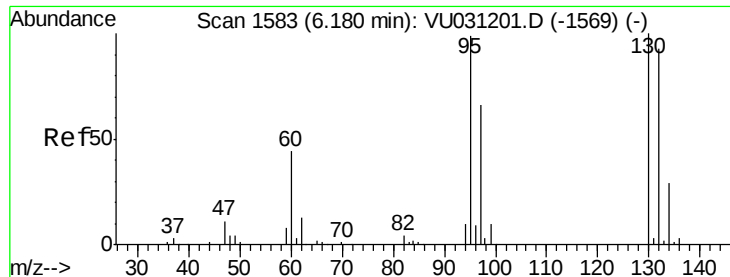
20000

0

5.30 5.40 5.50

Time-->

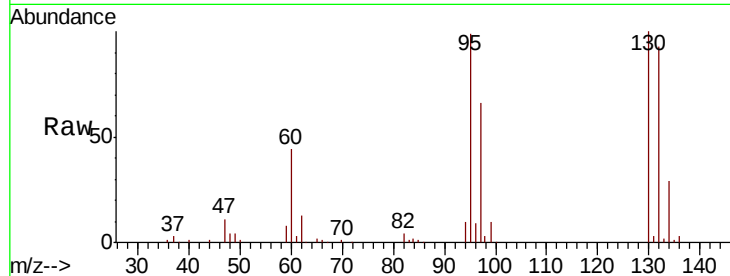




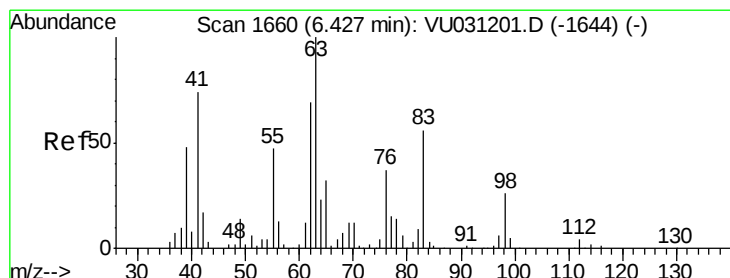
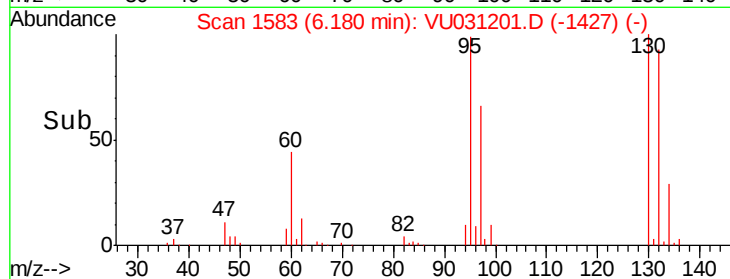
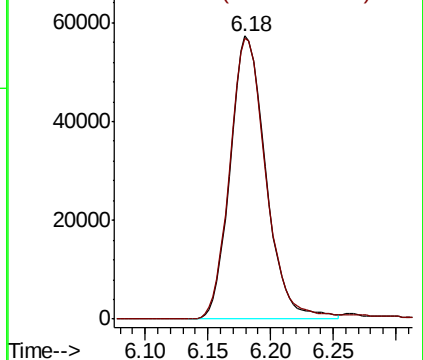
#37
 Trichloroethene
 Concen: 10.622 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:130 Resp: 113601
 Ion Ratio Lower Upper
 130 100
 95 99.1 79.3 118.9

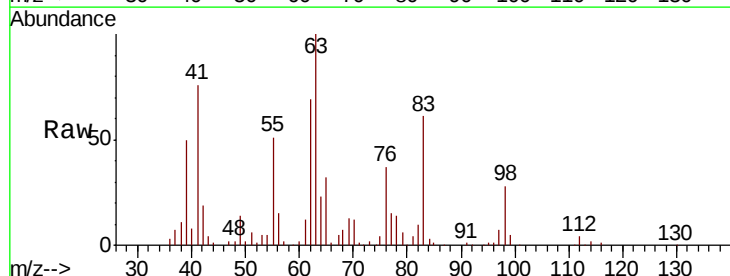


Abundance Ion 129.90 (129.60 to 130.60): VU031201.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU031201.D (-1569) (-)

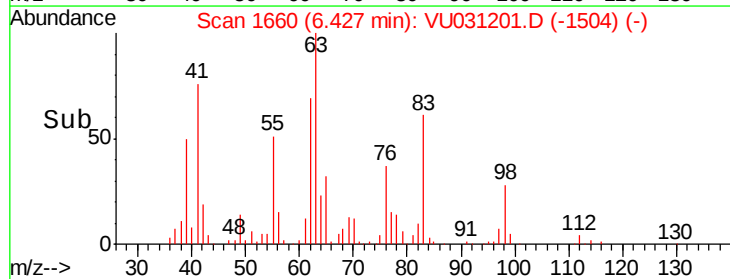
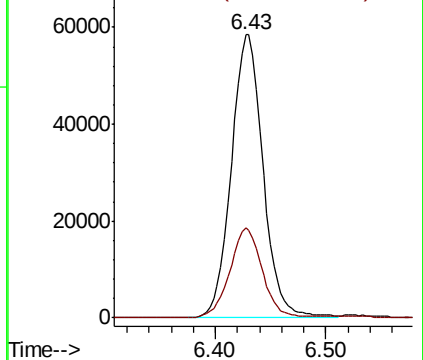


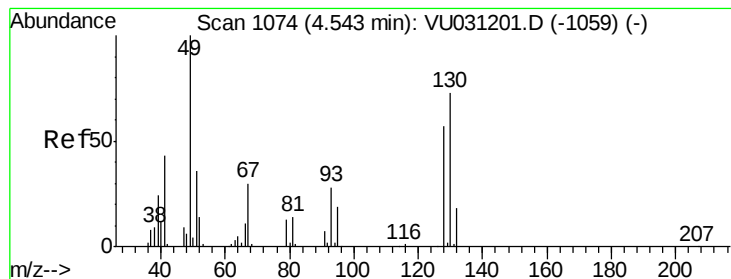
#38
 1,2-Dichloropropane
 Concen: 9.342 ug/l
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 63 Resp: 117079
 Ion Ratio Lower Upper
 63 100
 65 31.9 25.5 38.3



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





#39

Methacrylonitrile

Concen: 8.697 ug/l

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tgt Ion: 41 Resp: 39777

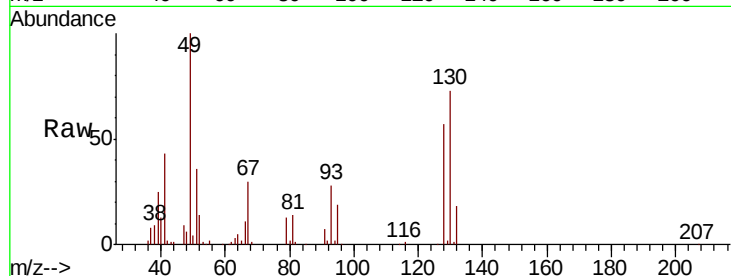
Ion Ratio Lower Upper

41 100

67 74.6 59.7 89.5

39 52.7 42.2 63.2

52 30.5 24.4 36.6

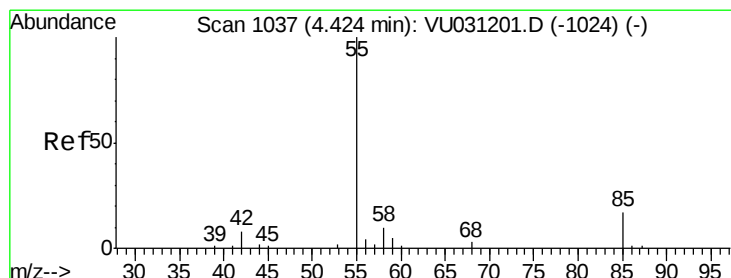
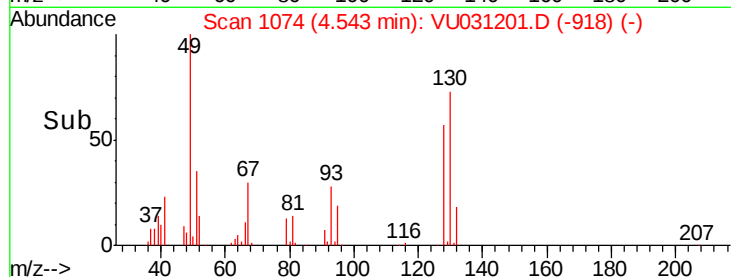
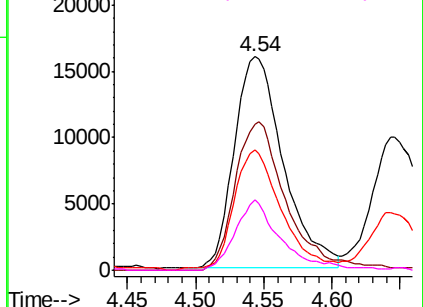


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#40

Methyl acrylate

Concen: 10.583 ug/l

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Tgt Ion: 55 Resp: 59484

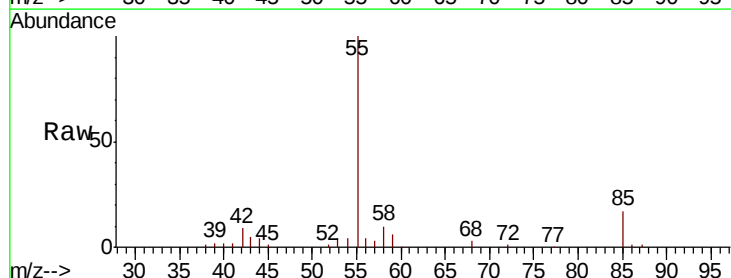
Ion Ratio Lower Upper

55 100

85 15.2 12.2 18.2

58 8.8 7.0 10.6

42 8.6 6.9 10.3

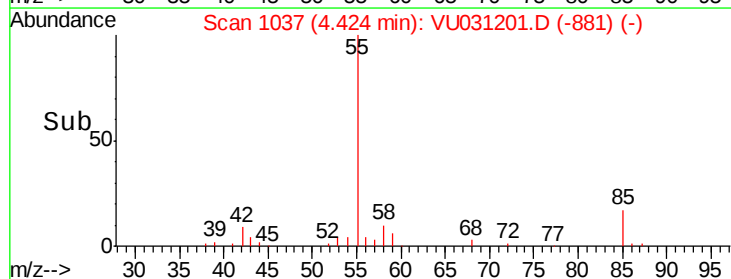
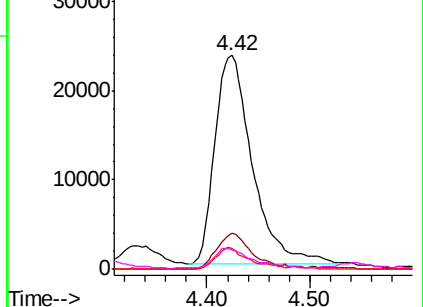


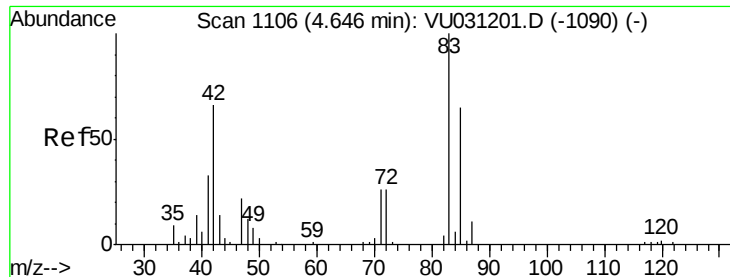
Abundance Ion 55.00 (54.70 to 55.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 42.00 (41.70 to 42.70): VU0

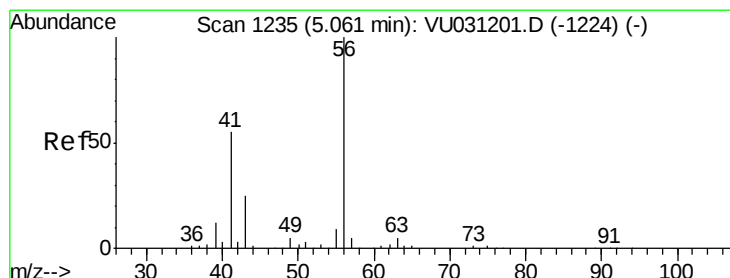
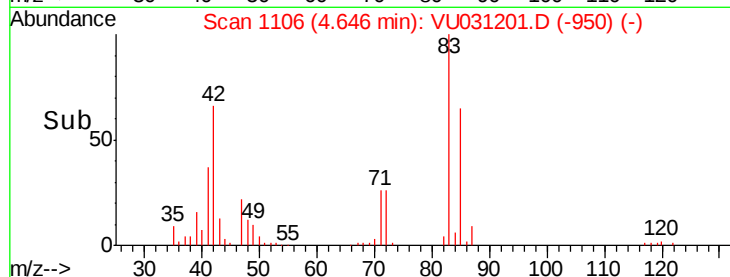
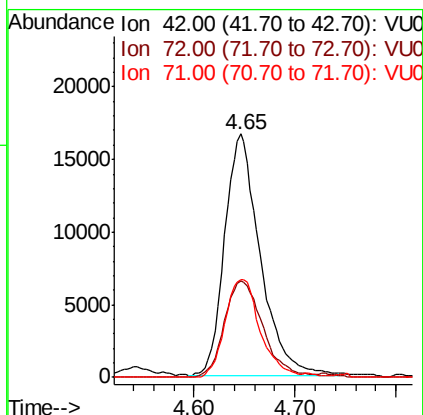
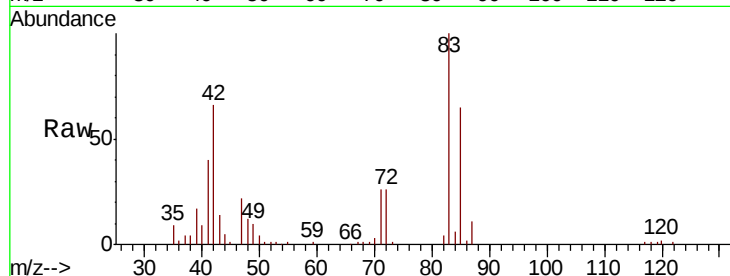




#41
Tetrahydrofuran
Concen: 16.650 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

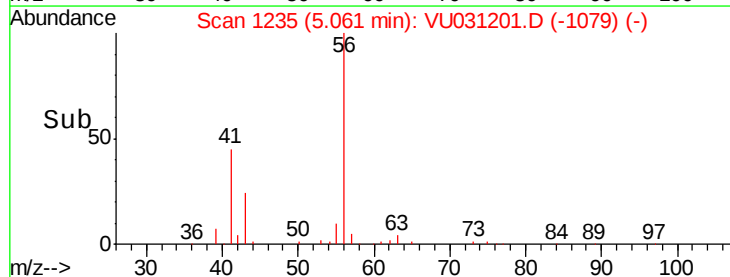
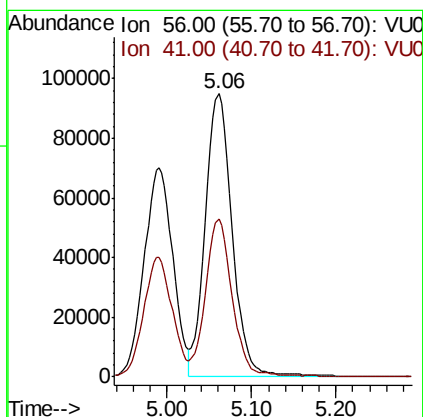
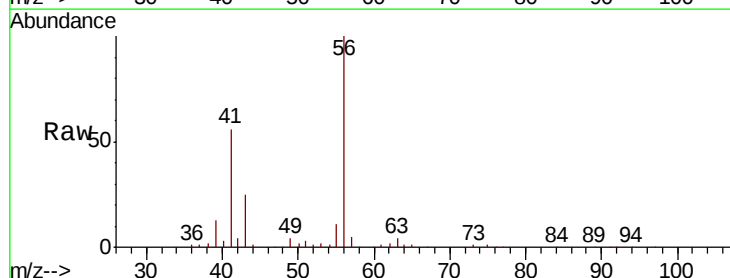
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

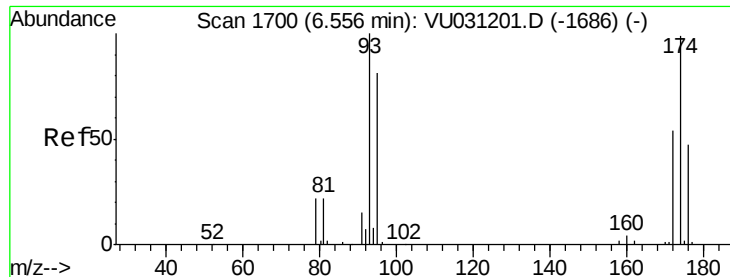
Tgt Ion: 42 Resp: 40983
Ion Ratio Lower Upper
42 100
72 43.0 34.4 51.6
71 40.0 32.0 48.0



#42
1-Chlorobutane
Concen: 9.324 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 56 Resp: 209653
Ion Ratio Lower Upper
56 100
41 54.6 27.3 81.9

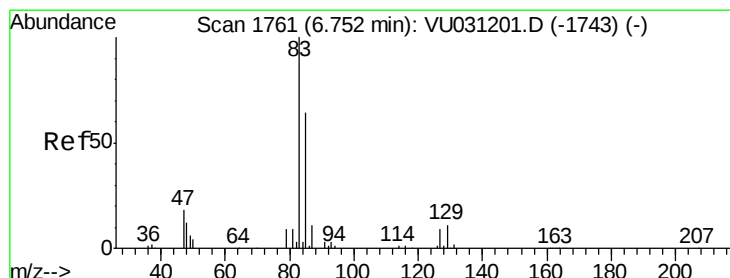
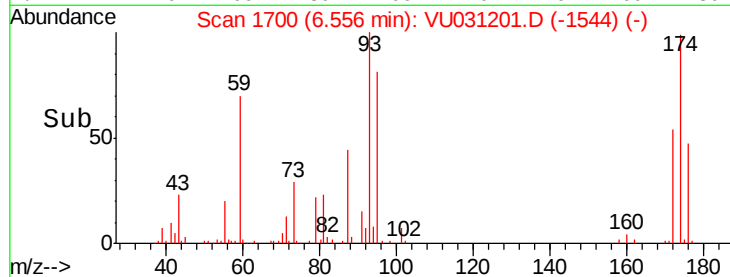
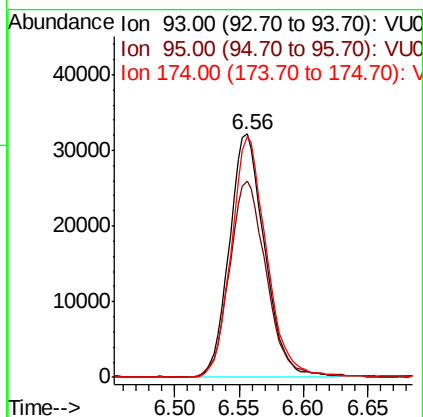
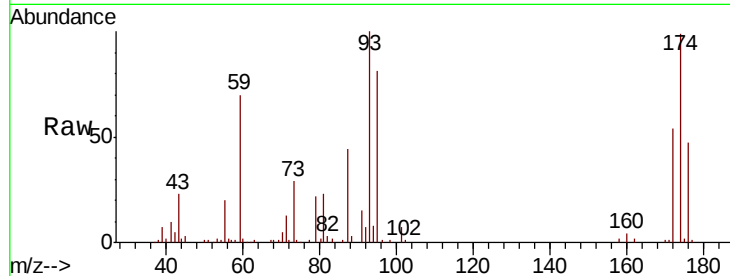




#43
 Dibromomethane
 Concen: 10.442 ug/l
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

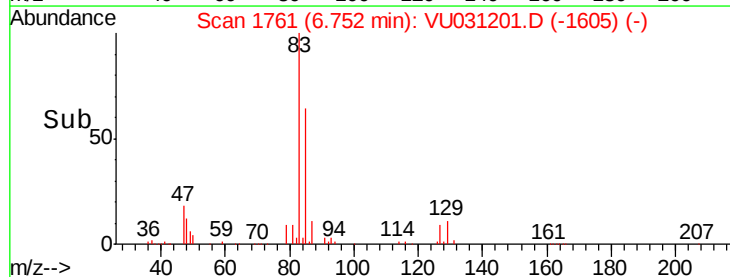
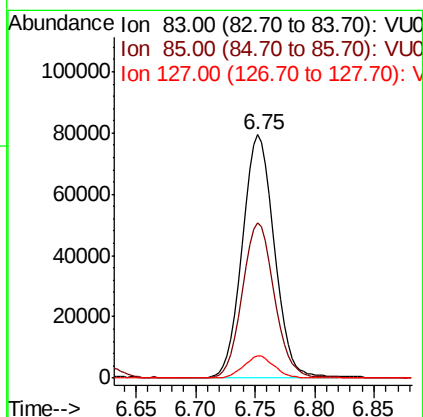
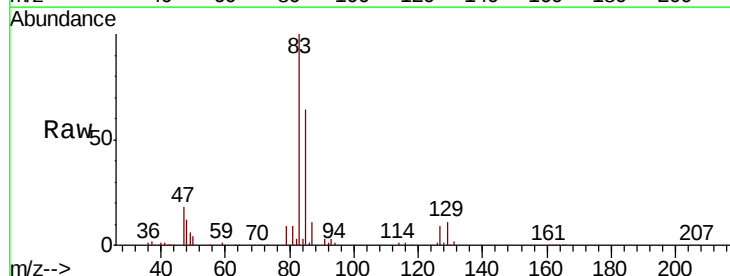
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

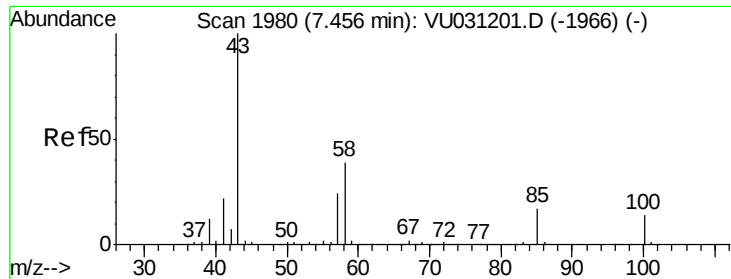
Tgt Ion: 93 Resp: 61388
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.4 101.0
 174 98.9 79.1 118.7



#44
 Bromodichloromethane
 Concen: 9.683 ug/l
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 83 Resp: 148688
 Ion Ratio Lower Upper
 83 100
 85 63.8 51.0 76.6
 127 9.2 7.4 11.0

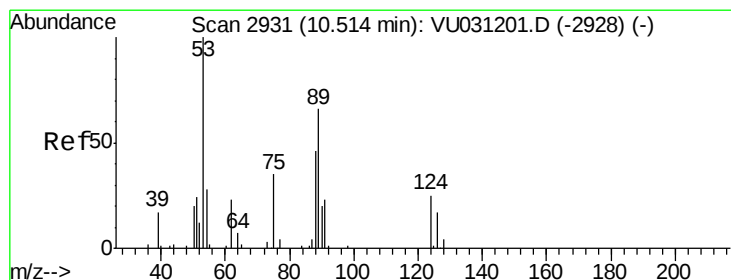
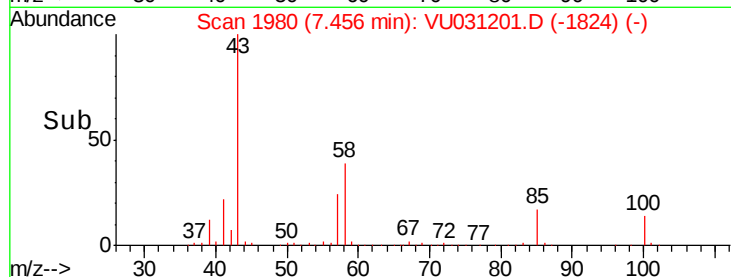
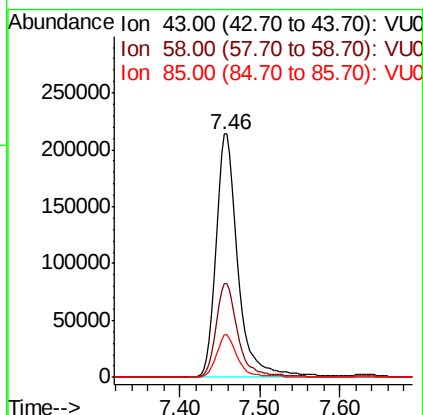
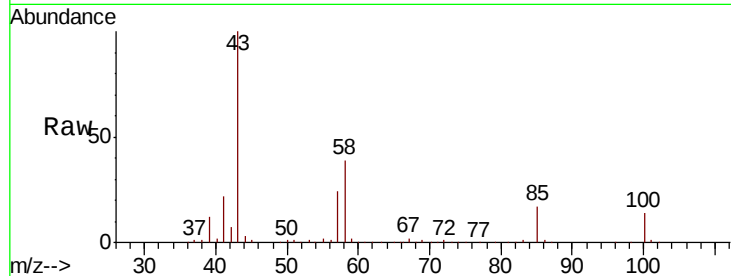




#45
 4-Methyl-2-Pentanone
 Concen: 48.986 ug/l
 RT: 7.46 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

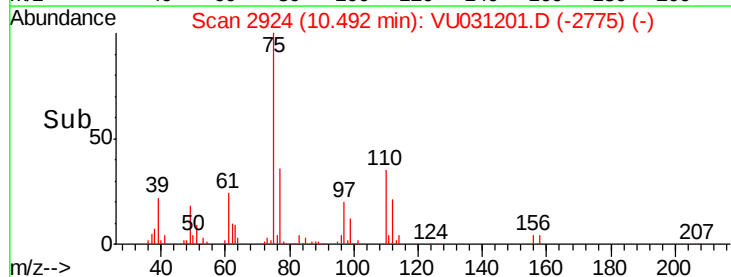
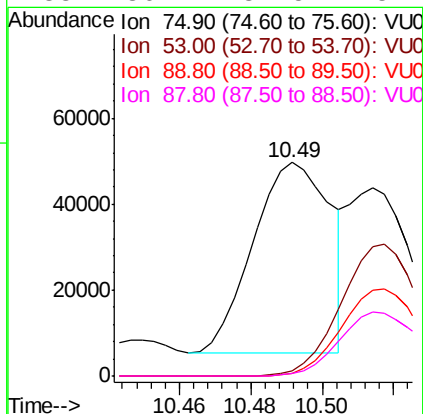
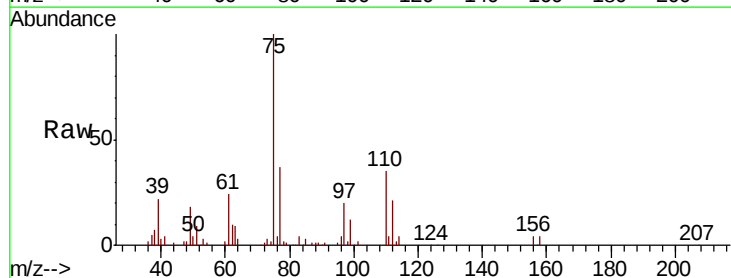
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

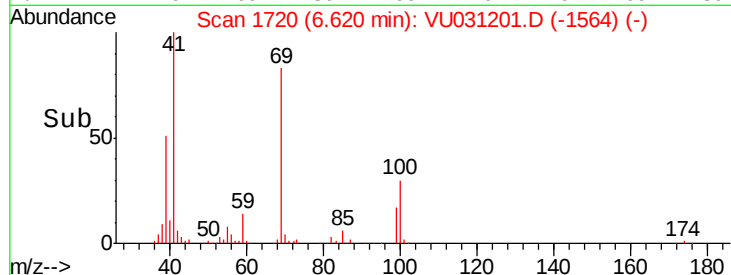
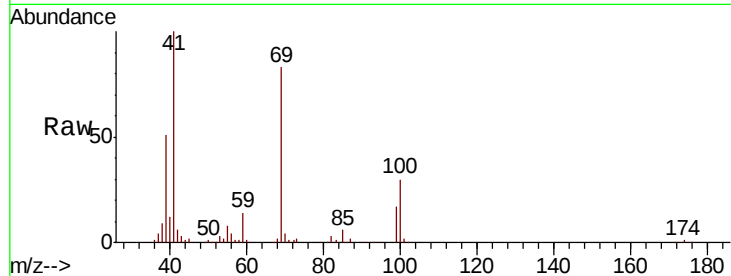
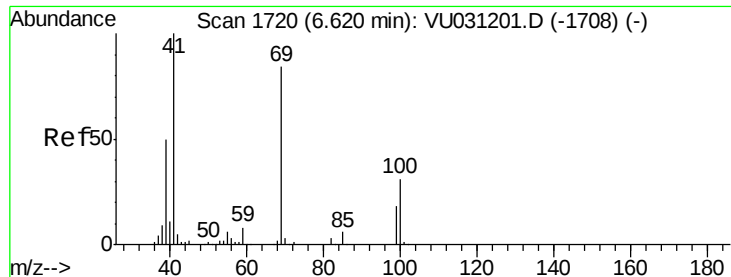
Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.8	19.4	58.2
85	16.5	13.2	19.8



#46
 t-1,4-Dichloro-2-butene
 Concen: 23.221 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. -0.02 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion	Ratio	Lower	Upper
75	100		
53	72.5	65.2	97.8
89	47.8	43.0	64.4
88	36.1	32.5	48.7

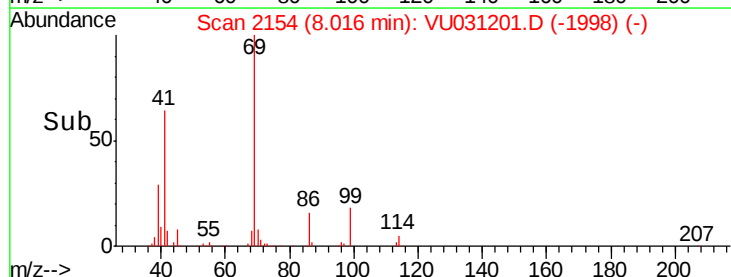
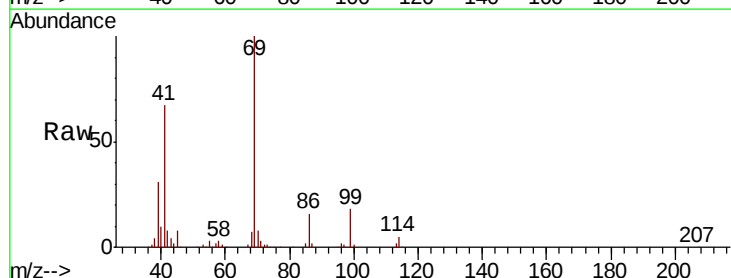
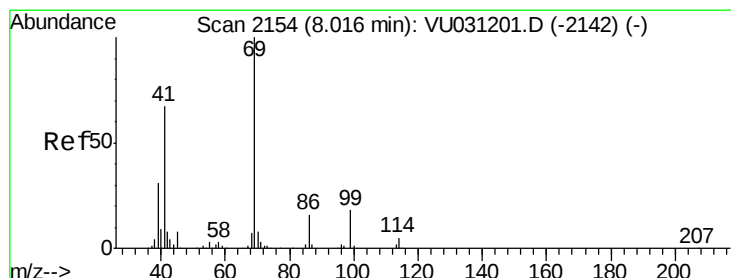
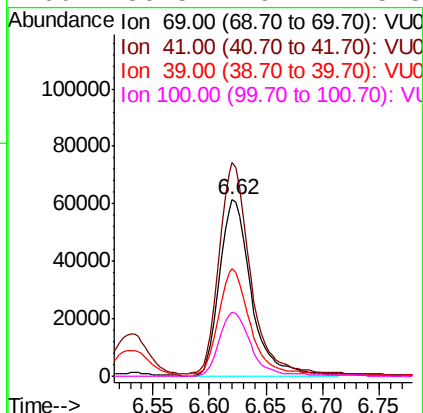




#47
Methyl methacrylate
Concen: 22.312 ug/l
RT: 6.62 min Scan# 1720
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

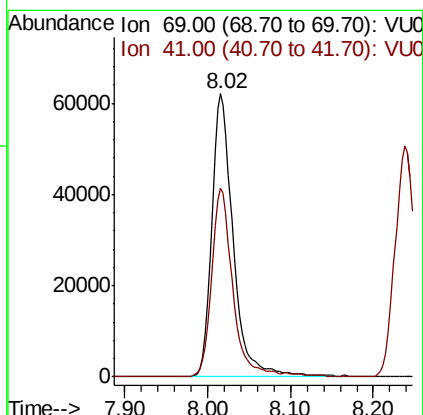
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

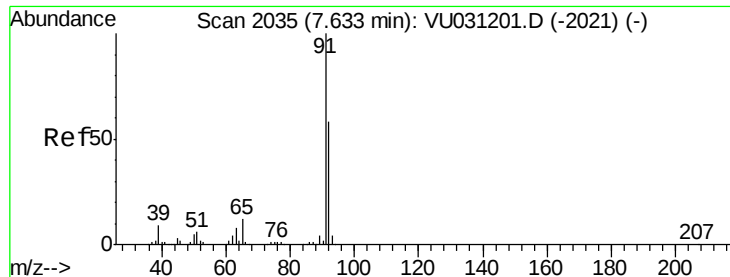
Tgt Ion: 69 Resp: 119562
Ion Ratio Lower Upper
69 100
41 118.6 0.0 237.2
39 59.3 47.4 71.2
100 36.5 29.2 43.8



#48
Ethyl methacrylate
Concen: 11.143 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 69 Resp: 111848
Ion Ratio Lower Upper
69 100
41 65.0 32.5 97.5





#49

Toluene

Concen: 10.781 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

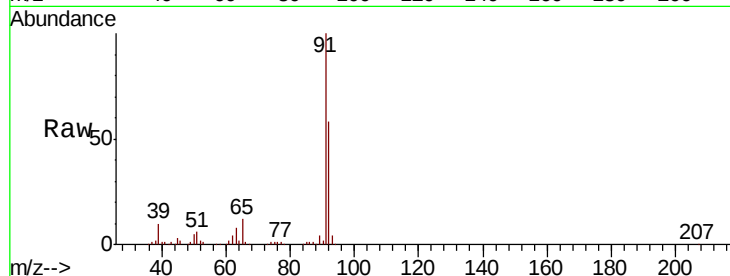
VSTDICCC010

Tgt Ion: 92 Resp: 258512

Ion Ratio Lower Upper

92 100

91 175.3 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VU031201.D (-2021) (-)

Ion 91.00 (90.70 to 91.70): VU031201.D (-2021) (-)

250000

200000

150000

100000

50000

0

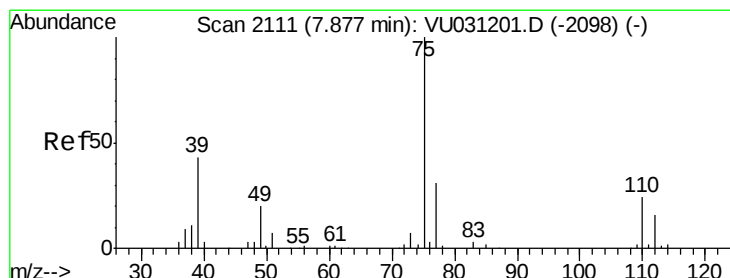
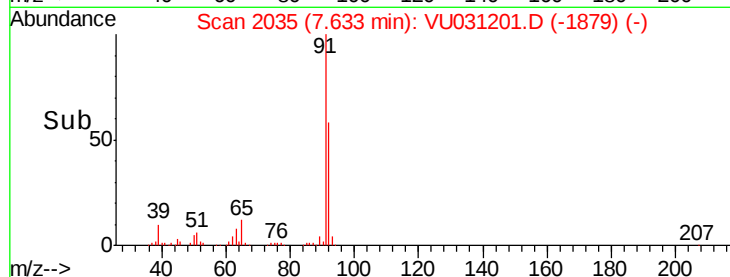
7.63

7.60

7.70

7.80

Time-->



#50

t-1,3-Dichloropropene

Concen: 10.456 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031201.D

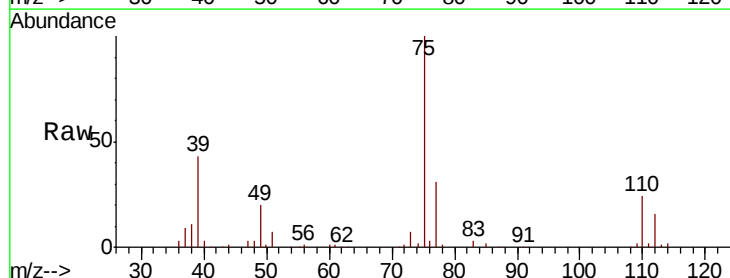
Acq: 15 Apr 2019 22:20

Tgt Ion: 75 Resp: 137649

Ion Ratio Lower Upper

75 100

77 30.8 24.6 37.0



Abundance Ion 75.00 (74.70 to 75.70): VU031201.D (-2098) (-)

Ion 77.00 (76.70 to 77.70): VU031201.D (-2098) (-)

80000

60000

40000

20000

0

7.88

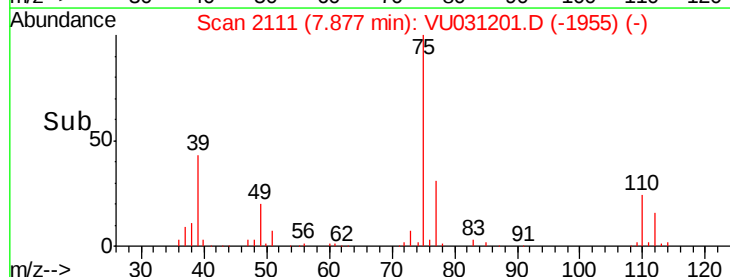
7.80

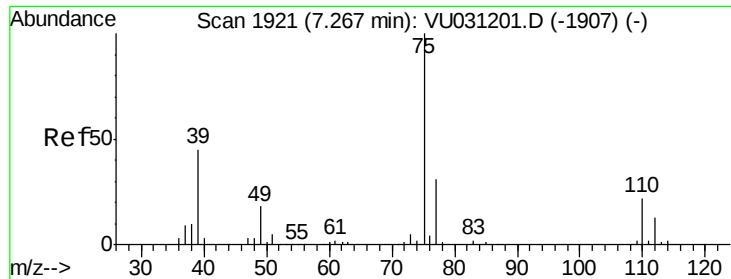
7.85

7.90

7.95

Time-->



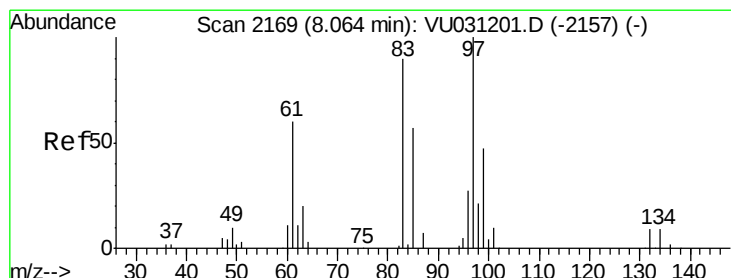
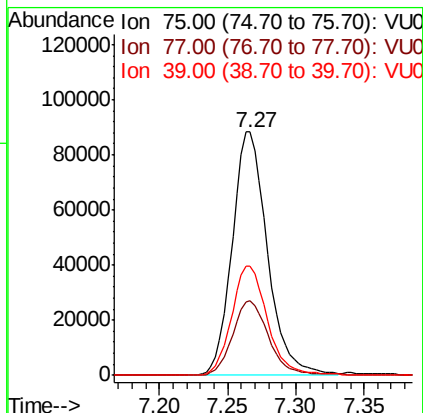
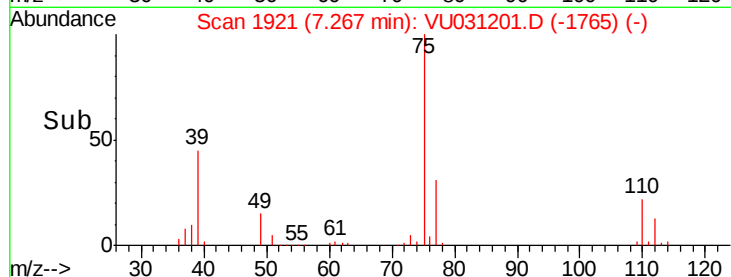
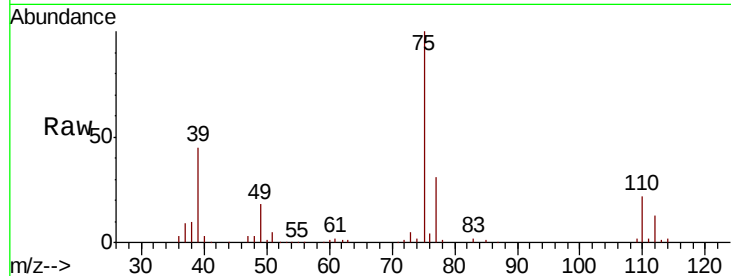


#51

cis-1,3-Dichloropropene
Concen: 10.012 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

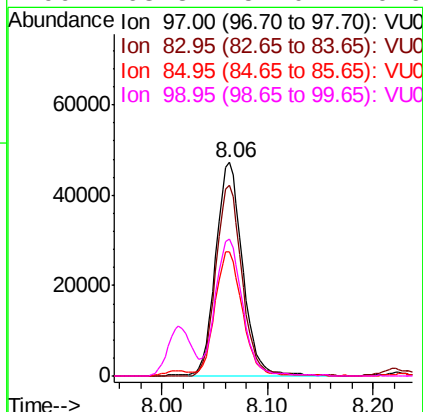
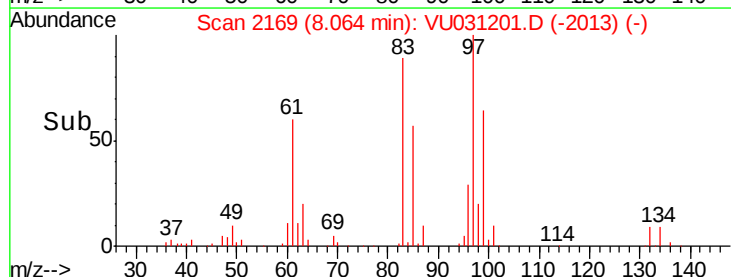
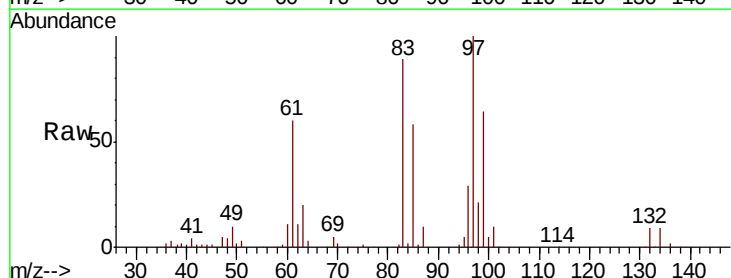
Tgt Ion: 75 Resp: 158417
Ion Ratio Lower Upper
75 100
77 30.8 24.6 37.0
39 45.1 36.1 54.1

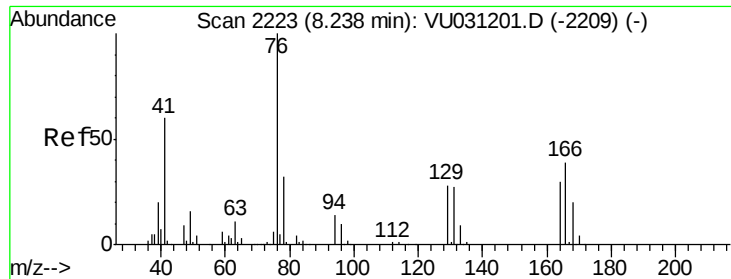


#52

1,1,2-Trichloroethane
Concen: 9.896 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 97 Resp: 82995
Ion Ratio Lower Upper
97 100
83 89.4 71.5 107.3
85 58.4 46.7 70.1
99 63.8 51.0 76.6

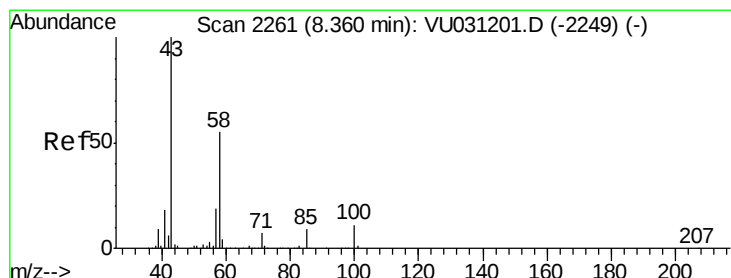
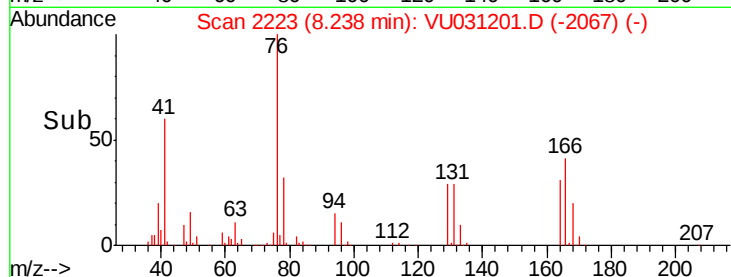
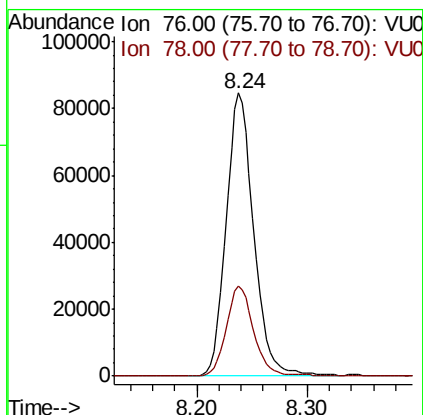
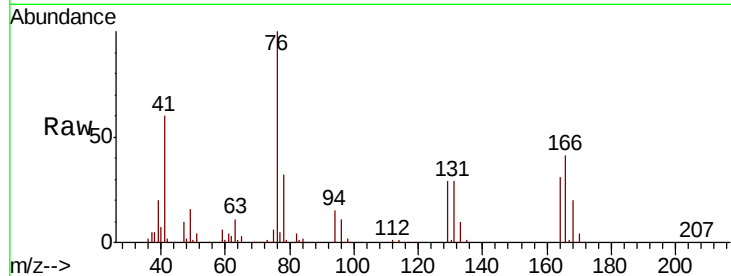




#53
 1,3-Dichloropropane
 Concen: 9.978 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

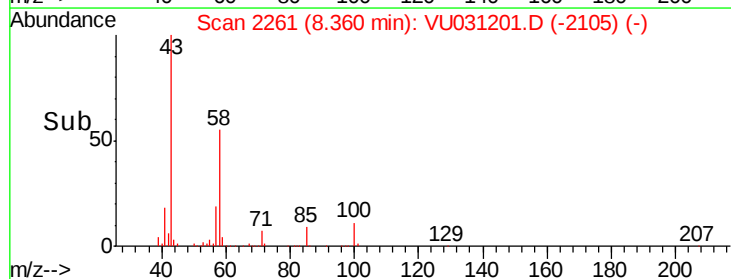
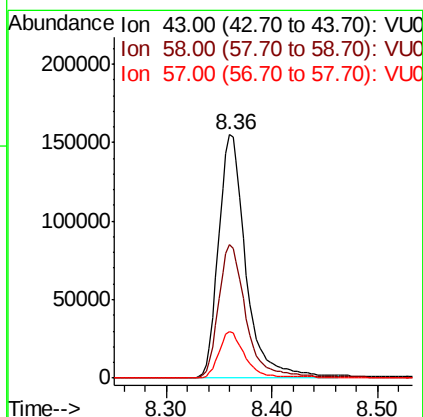
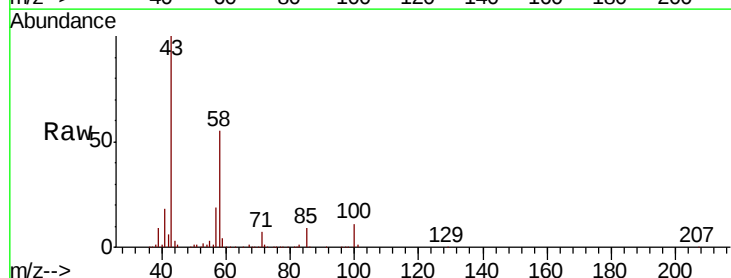
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

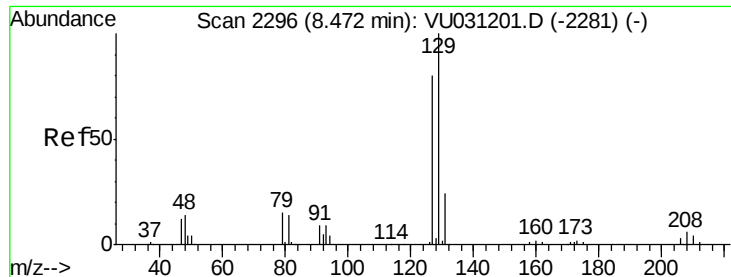
Tgt Ion: 76 Resp: 146487
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.3 37.9



#54
 2-Hexanone
 Concen: 50.239 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 43 Resp: 278665
 Ion Ratio Lower Upper
 43 100
 58 55.5 35.5 75.5
 57 18.7 0.0 38.7

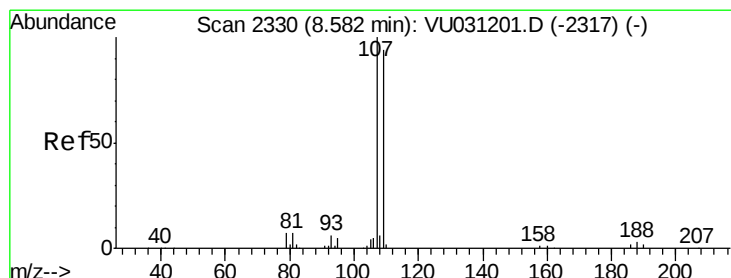
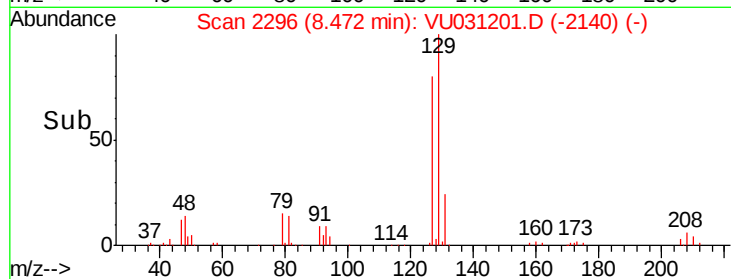
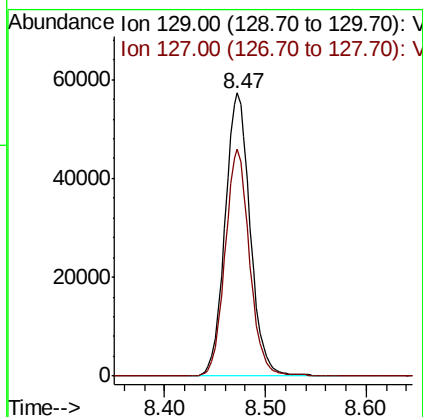
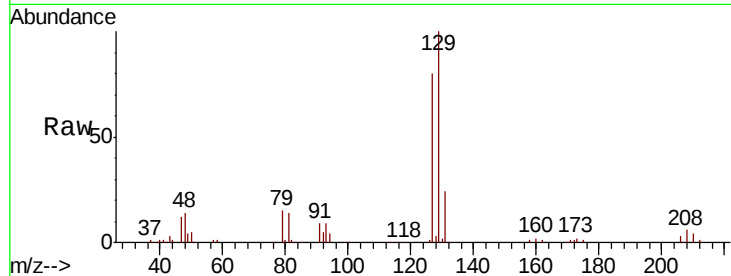




#55
 Dibromochloromethane
 Concen: 10.480 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

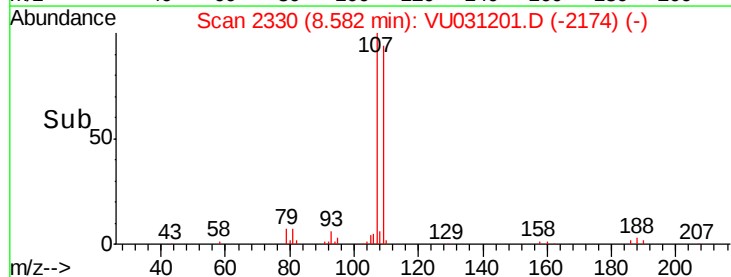
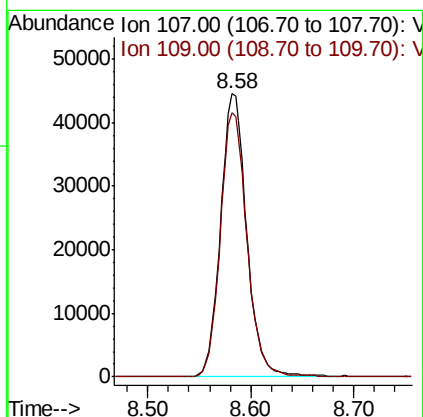
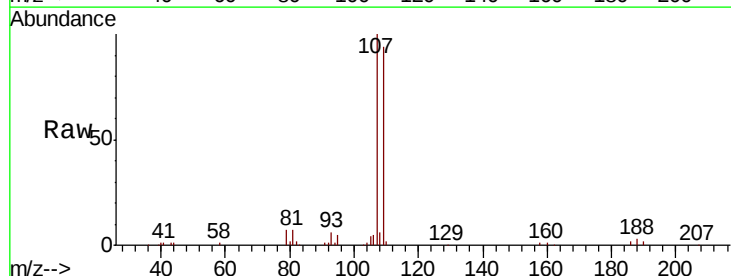
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

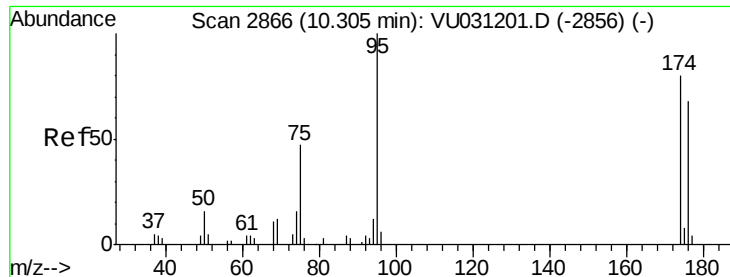
Tgt Ion:129 Resp: 99873
 Ion Ratio Lower Upper
 129 100
 127 77.7 62.2 93.2



#56
 1,2-Dibromoethane
 Concen: 10.367 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:107 Resp: 78468
 Ion Ratio Lower Upper
 107 100
 109 94.5 0.0 189.0

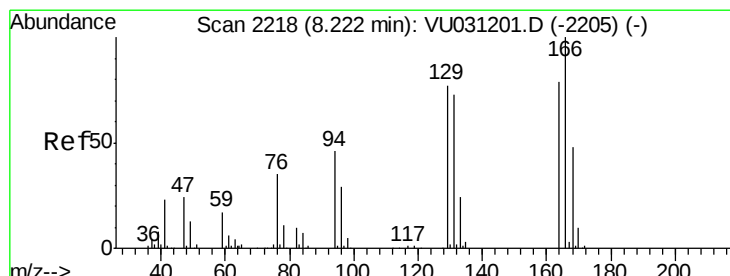
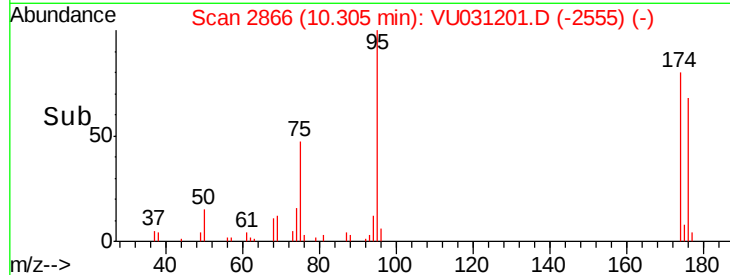
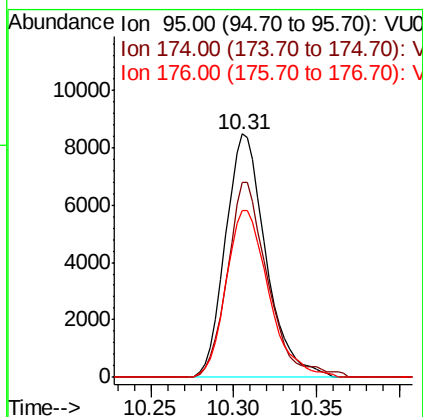
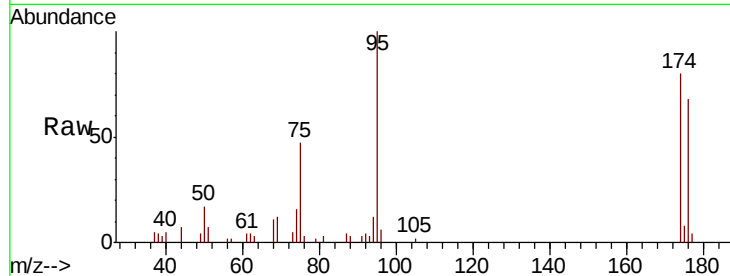




#57
 4-Bromofluorobenzene
 Concen: 10.367 ug/l
 RT: 10.31 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

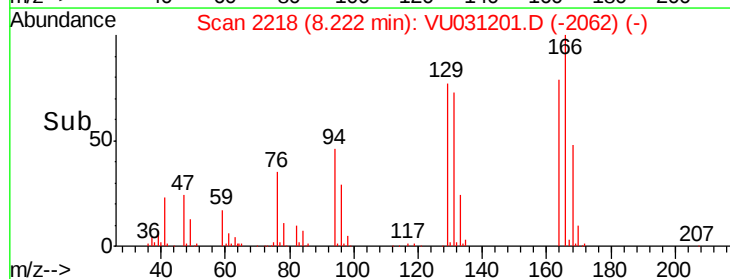
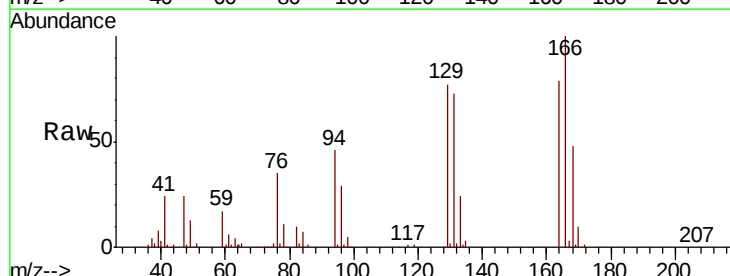
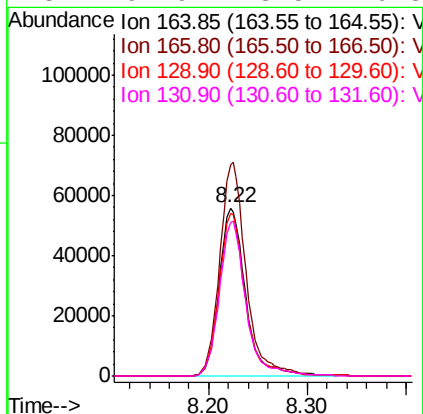
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

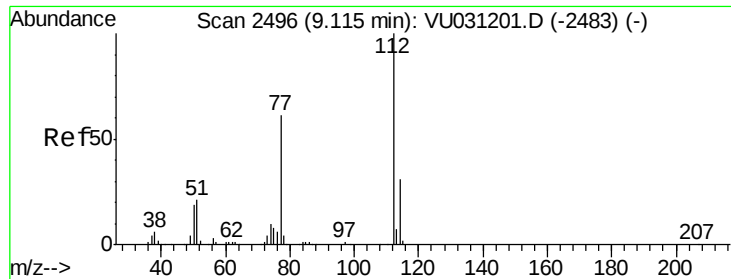
Tgt Ion: 95 Resp: 14341
 Ion Ratio Lower Upper
 95 100
 174 80.2 64.2 96.2
 176 72.5 58.0 87.0



#58
 Tetrachloroethene
 Concen: 11.055 ug/l
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 164 Resp: 105078
 Ion Ratio Lower Upper
 164 100
 166 126.1 100.9 151.3
 129 97.0 77.6 116.4
 131 91.9 73.5 110.3





#59

Chlorobenzene

Concen: 10.452 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

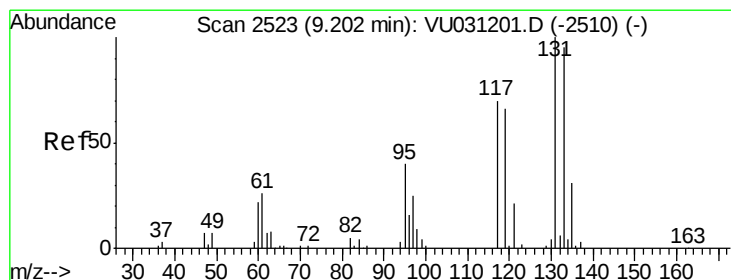
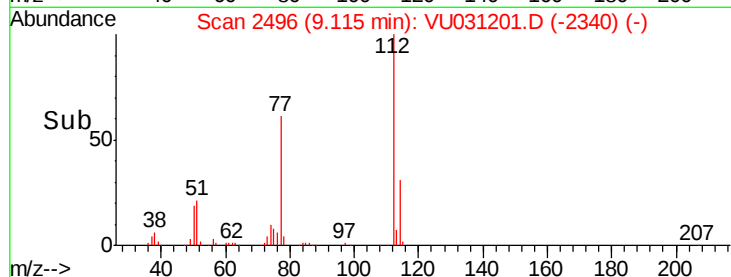
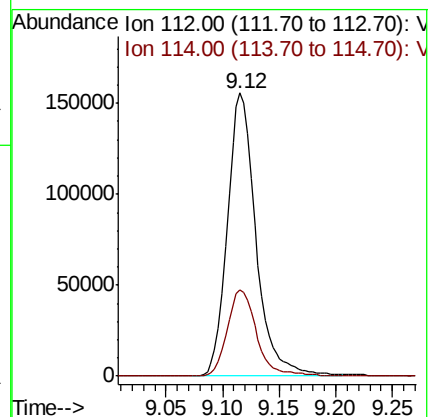
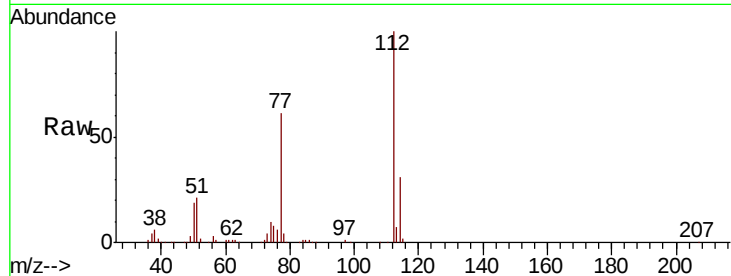
VSTDICCC010

Tgt Ion:112 Resp: 274058

Ion Ratio Lower Upper

112 100

114 30.5 24.4 36.6



#60

1,1,1,2-Tetrachloroethane

Concen: 10.011 ug/l

RT: 9.20 min Scan# 2523

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

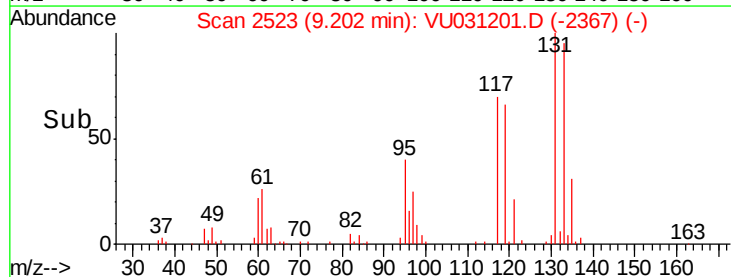
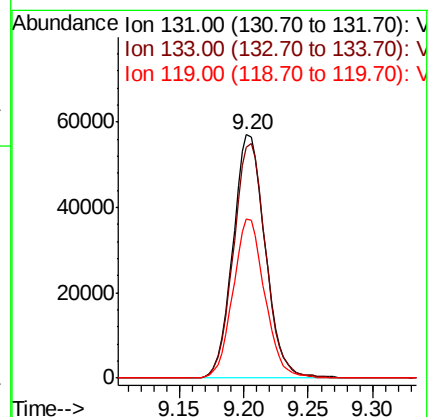
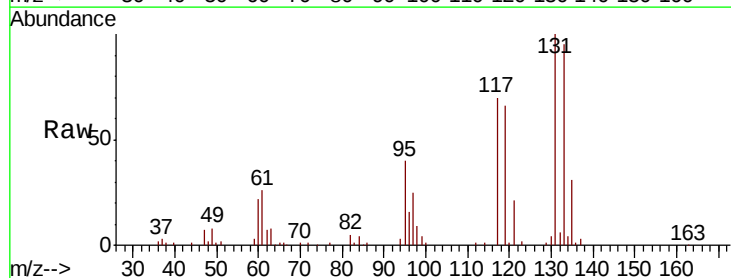
Tgt Ion:131 Resp: 99044

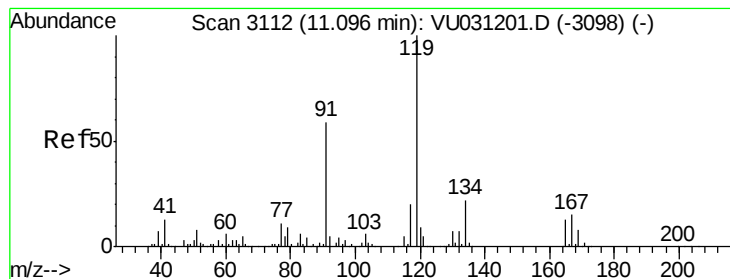
Ion Ratio Lower Upper

131 100

133 96.5 77.2 115.8

119 64.3 51.4 77.2





#61

Pentachloroethane

Concen: 9.964 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

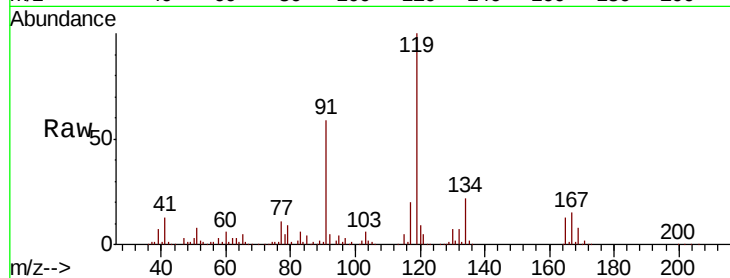
VSTDICCC010

Tgt Ion:117 Resp: 75536

Ion Ratio Lower Upper

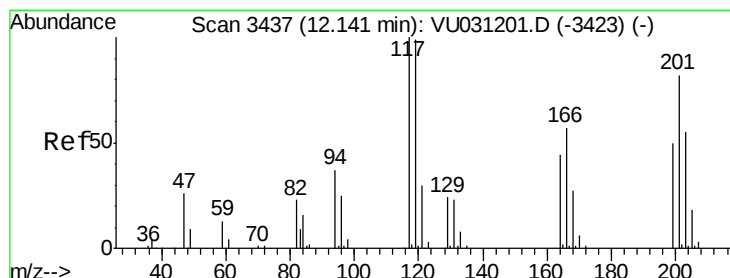
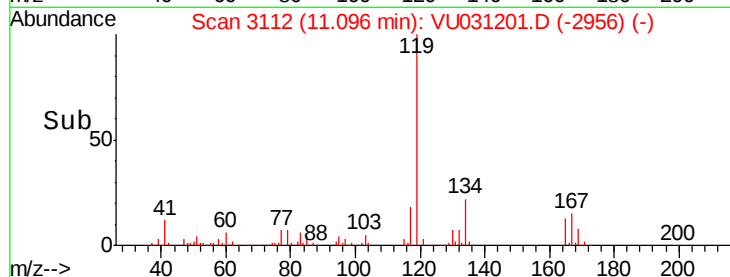
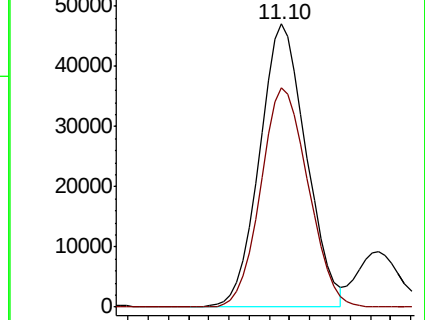
117 100

167 78.9 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: 10.302 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031201.D

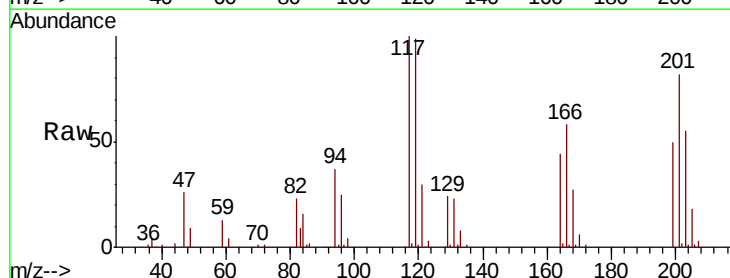
Acq: 15 Apr 2019 22:20

Tgt Ion:117 Resp: 74212

Ion Ratio Lower Upper

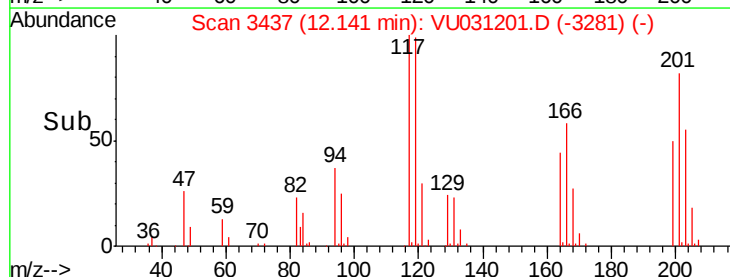
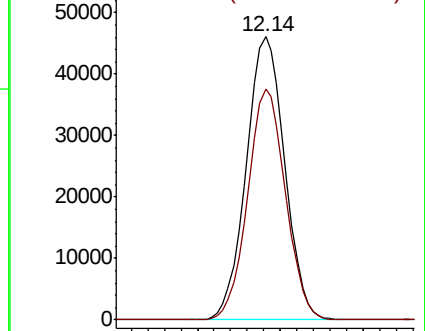
117 100

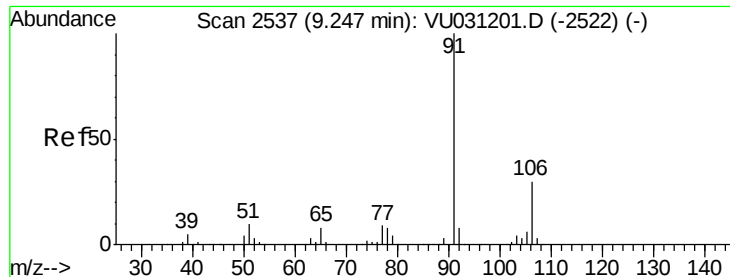
201 79.9 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V

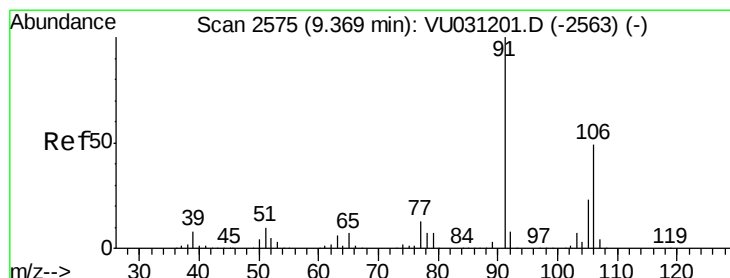
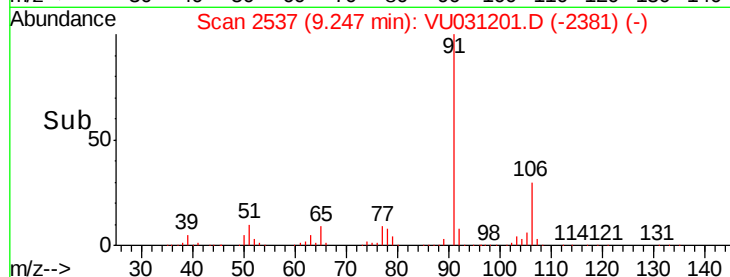
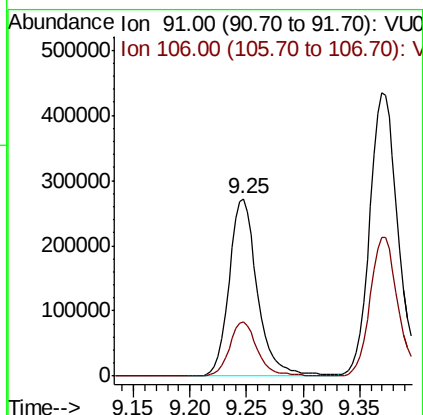
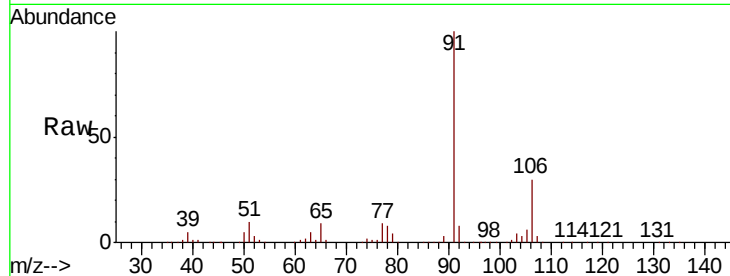




#63
Ethyl Benzene
Concen: 10.921 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

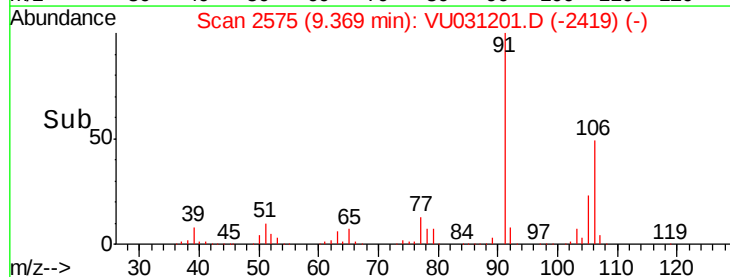
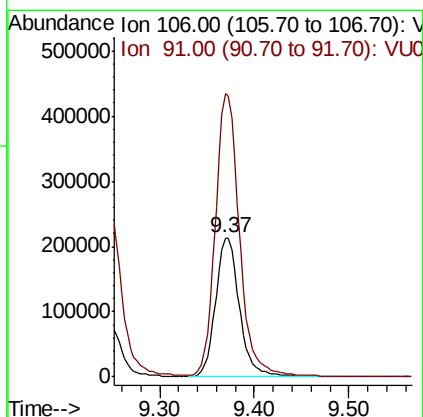
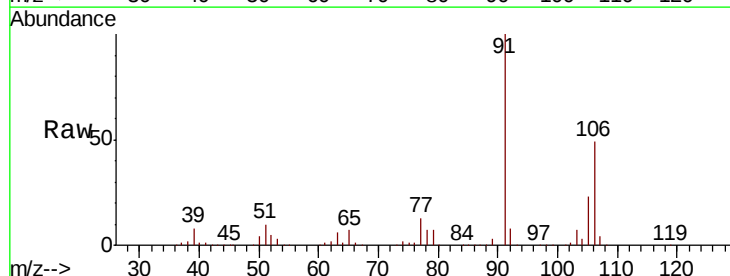
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

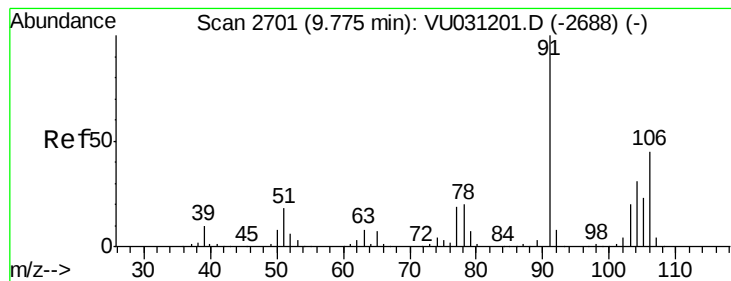
Tgt Ion: 91 Resp: 474202
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5



#64
m/p-Xylenes
Concen: 23.432 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion: 106 Resp: 371998
Ion Ratio Lower Upper
106 100
91 207.1 165.7 248.5





#65

o-Xylene

Concen: 11.095 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

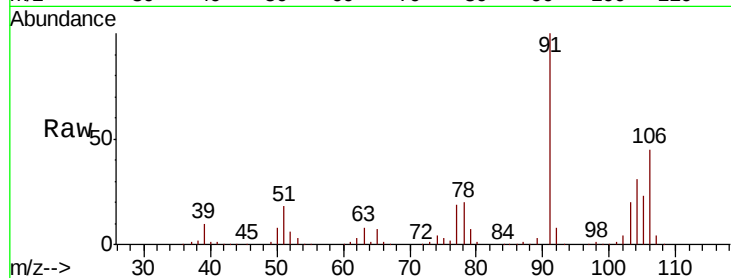
VSTDICCC010

Tgt Ion:106 Resp: 171174

Ion Ratio Lower Upper

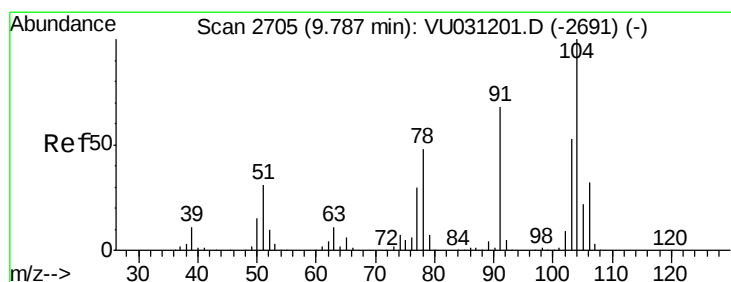
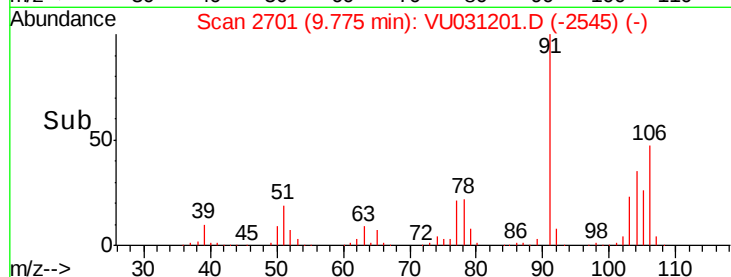
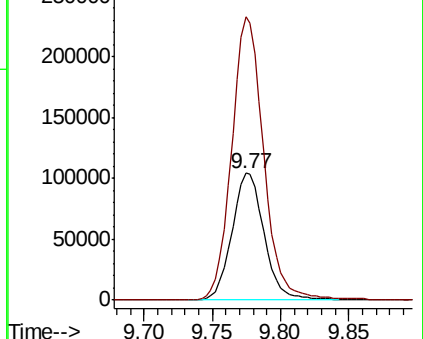
106 100

91 222.5 111.3 333.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 11.471 ug/l

RT: 9.79 min Scan# 2705

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

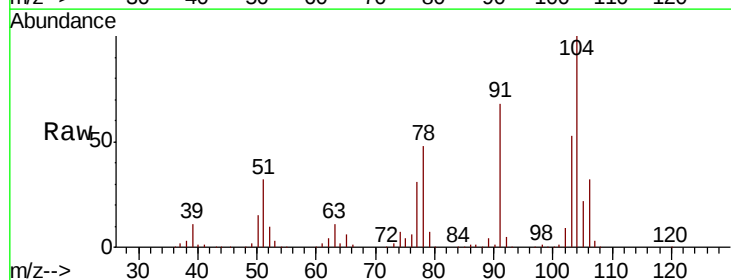
Tgt Ion:104 Resp: 305577

Ion Ratio Lower Upper

104 100

78 51.7 41.4 62.0

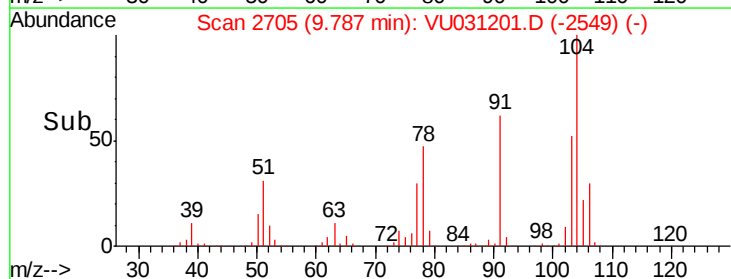
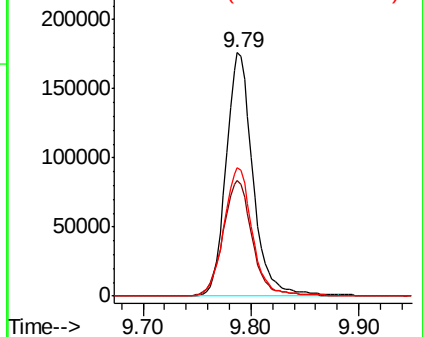
103 56.2 45.0 67.4

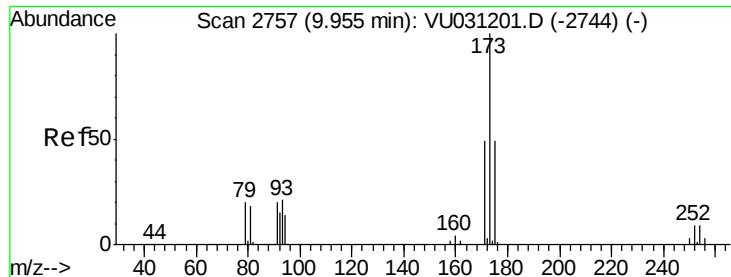


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V

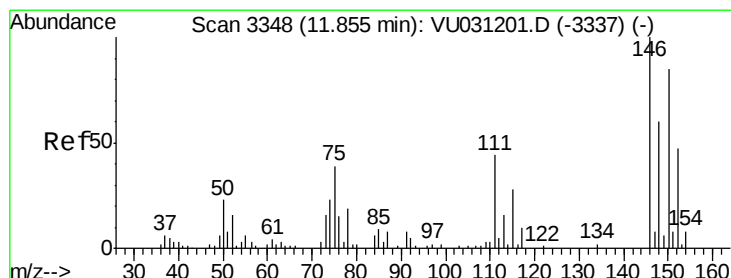
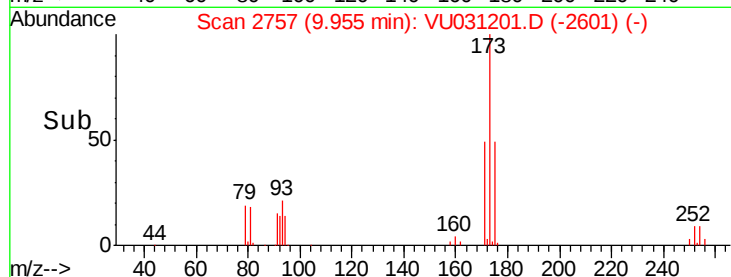
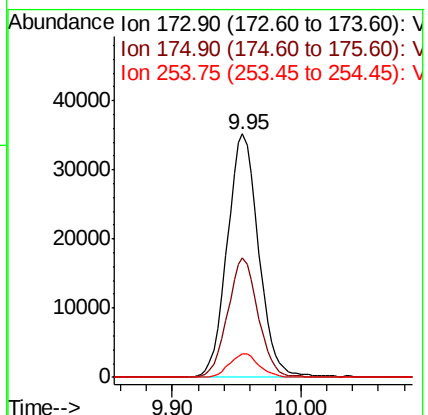
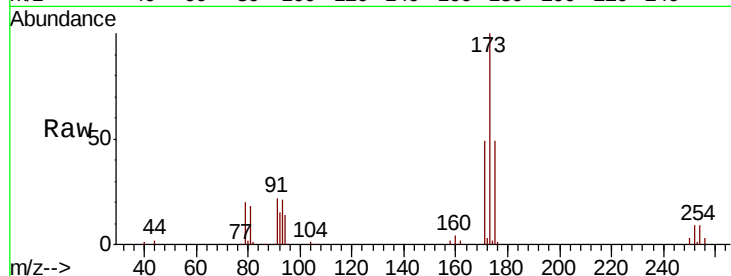




#67
Bromoform
Concen: 10.849 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

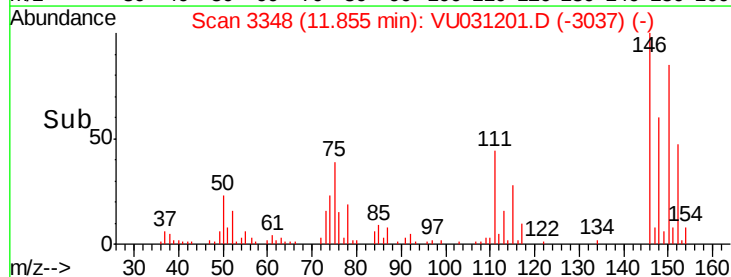
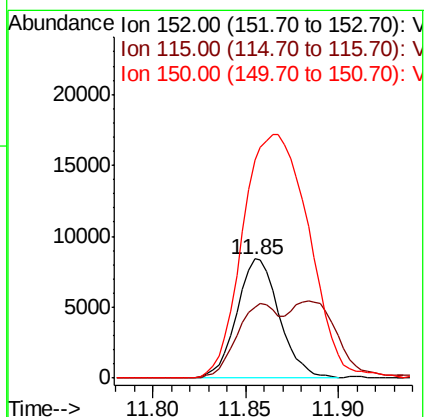
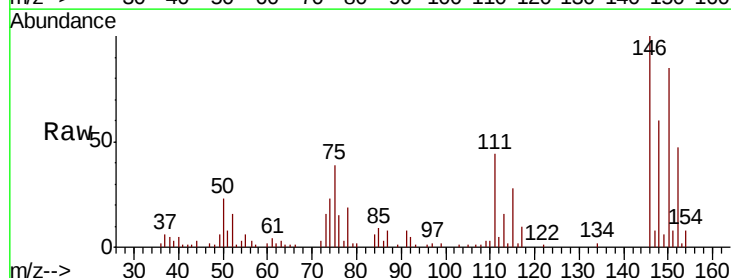
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

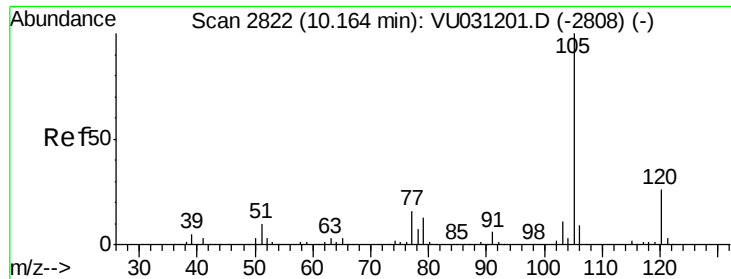
Tgt Ion:173 Resp: 59423
Ion Ratio Lower Upper
173 100
175 47.5 38.0 57.0
254 8.9 7.1 10.7



#68
1,2-Dichlorobenzene-d4
Concen: 10.849 ug/l
RT: 11.85 min Scan# 3348
Delta R.T. 0.00 min
Lab File: VU031201.D
Acq: 15 Apr 2019 22:20

Tgt Ion:152 Resp: 13350
Ion Ratio Lower Upper
152 100
115 65.0 0.0 130.0
150 319.5 0.0 639.0





#69

Isopropylbenzene

Concen: 11.175 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

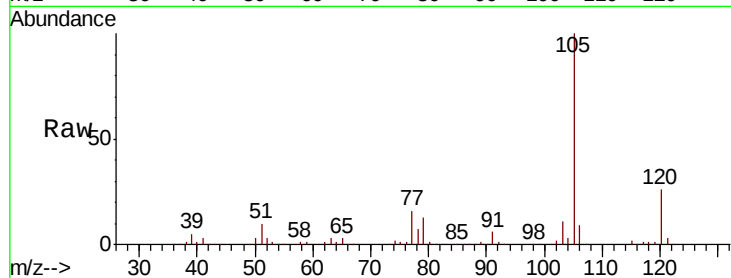
VSTDICCC010

Tgt Ion:105 Resp: 460059

Ion Ratio Lower Upper

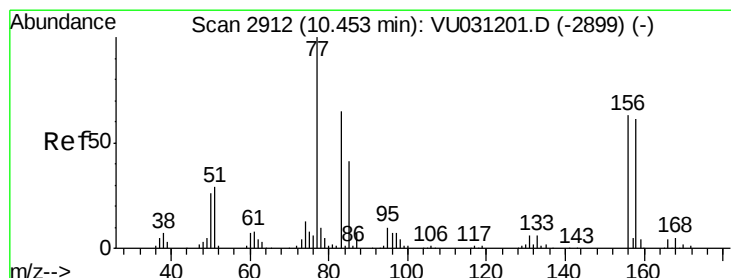
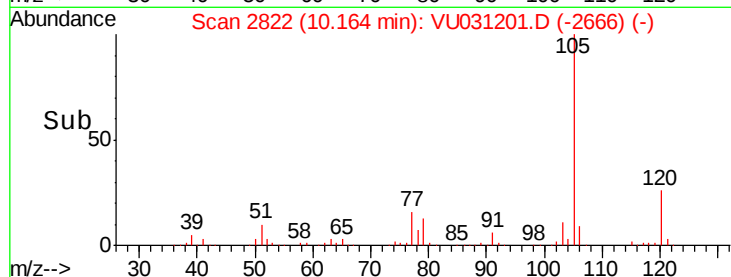
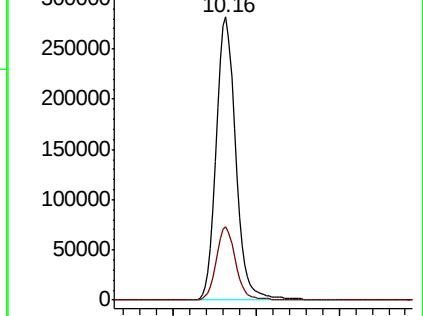
105 100

120 25.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.672 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

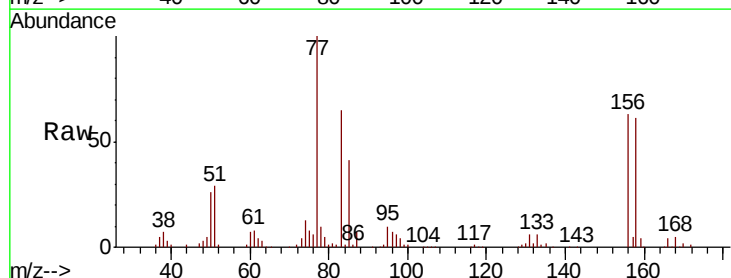
Tgt Ion: 83 Resp: 106674

Ion Ratio Lower Upper

83 100

131 10.0 8.0 12.0

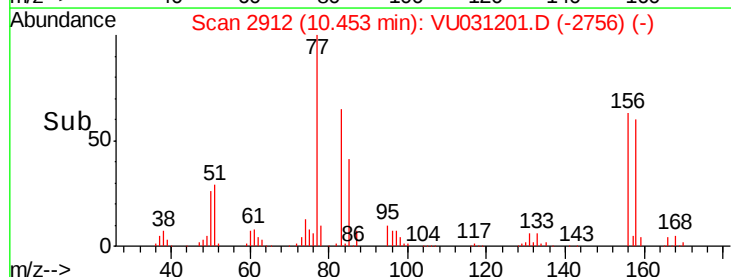
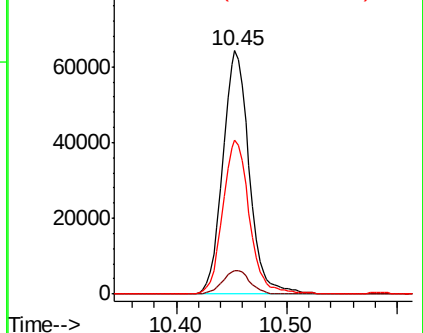
85 64.1 51.3 76.9

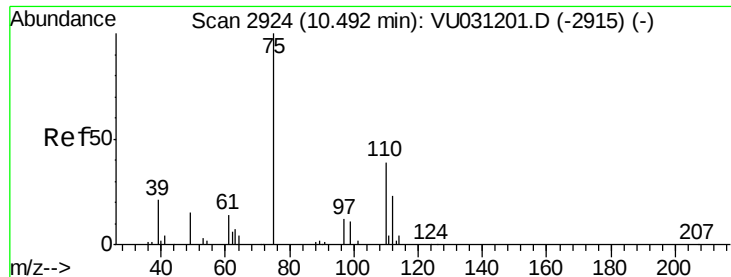


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

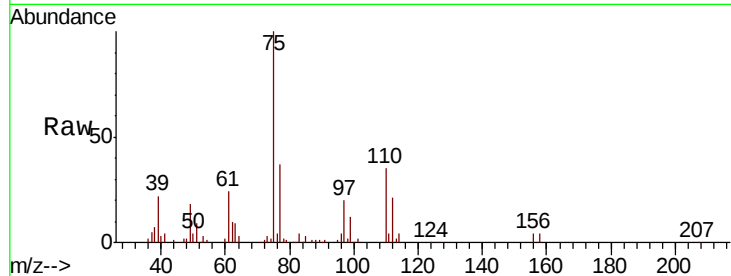




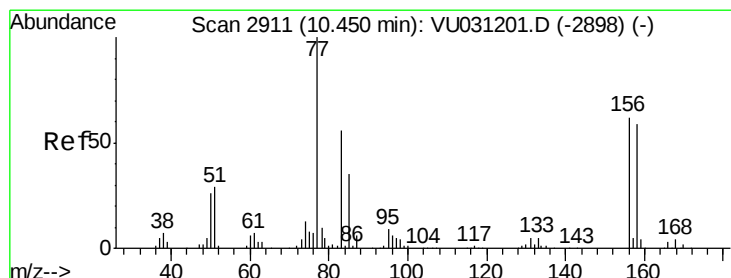
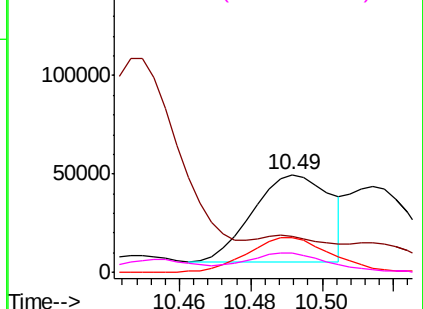
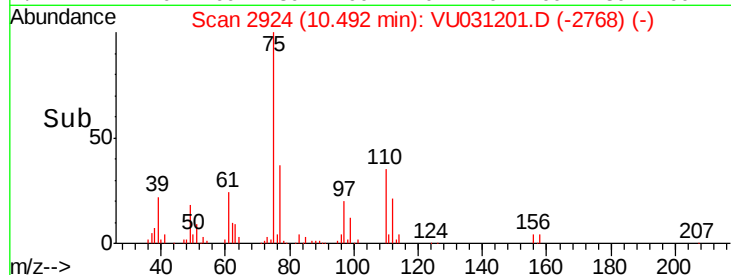
#71
 1,2,3-Trichloropropane
 Concen: 7.971 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	75	Resp:	66842
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	42.6	0.0	71.0
97	24.3	0.0	40.4

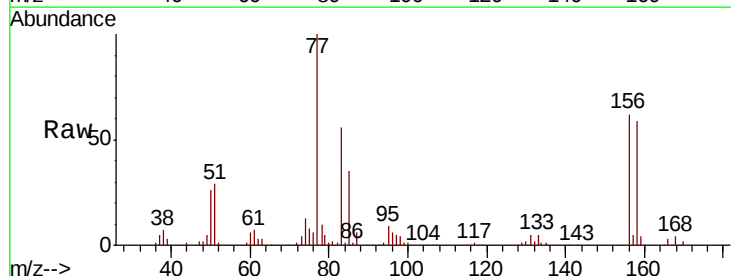


Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0
 Ion 110.00 (109.70 to 110.70): V
 Ion 97.00 (96.70 to 97.70): VU0

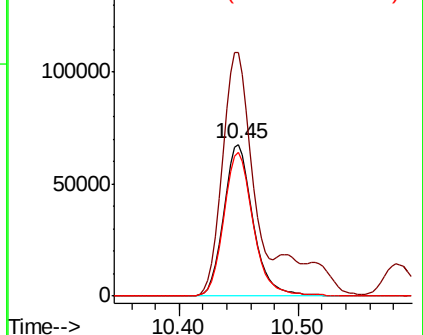
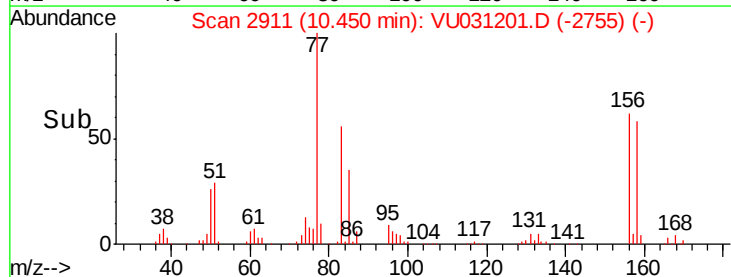


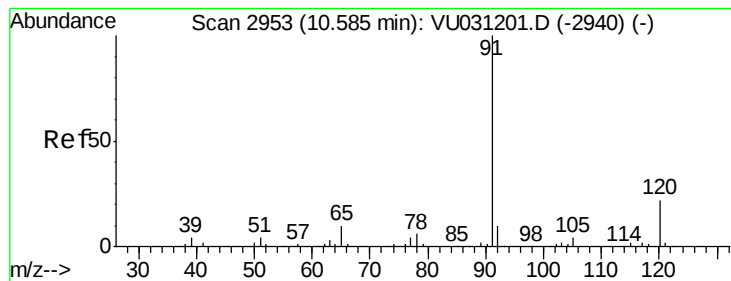
#72
 Bromobenzene
 Concen: 11.118 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:	156	Resp:	115700
Ion	Ratio	Lower	Upper
156	100		
77	161.3	0.0	322.6
158	95.5	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: 11.567 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

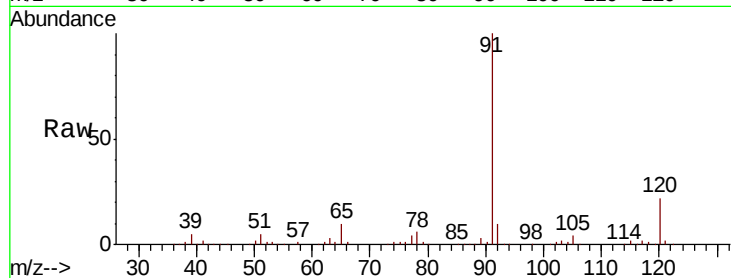
VSTDICCC010

Tgt Ion:120 Resp: 127022

Ion Ratio Lower Upper

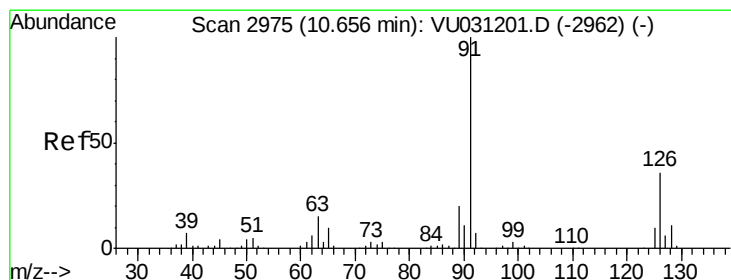
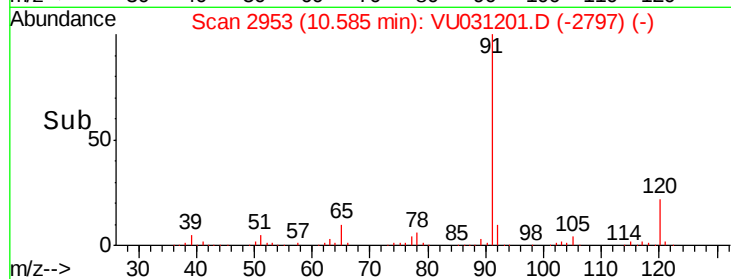
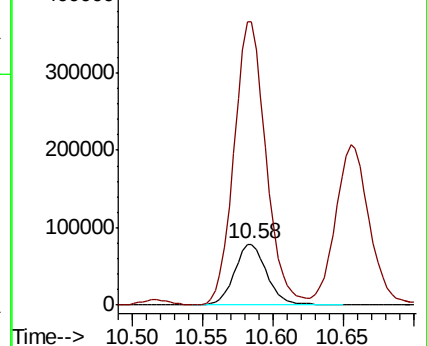
120 100

91 456.1 364.9 547.3



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.365 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031201.D

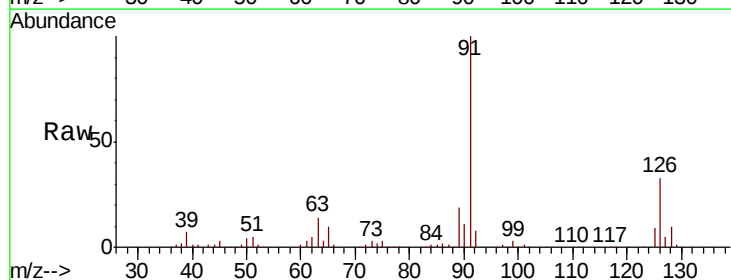
Acq: 15 Apr 2019 22:20

Tgt Ion:126 Resp: 113889

Ion Ratio Lower Upper

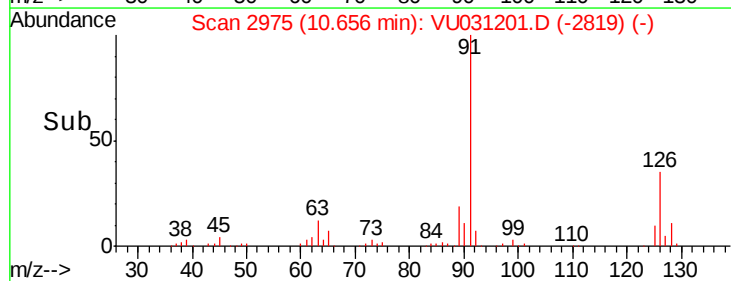
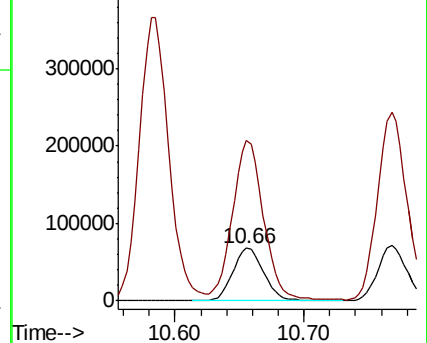
126 100

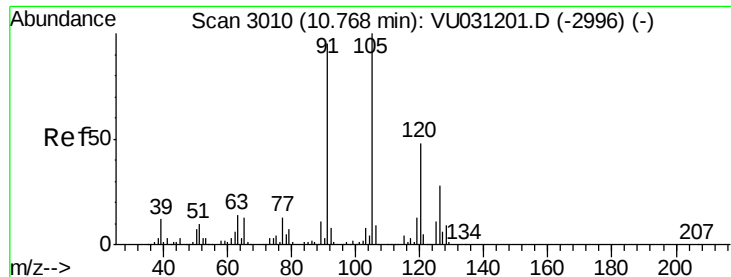
91 306.3 0.0 612.6



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: 11.453 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

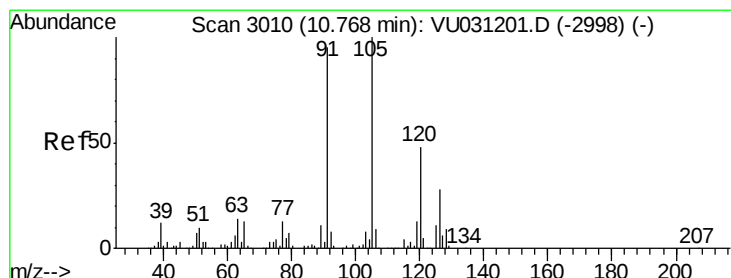
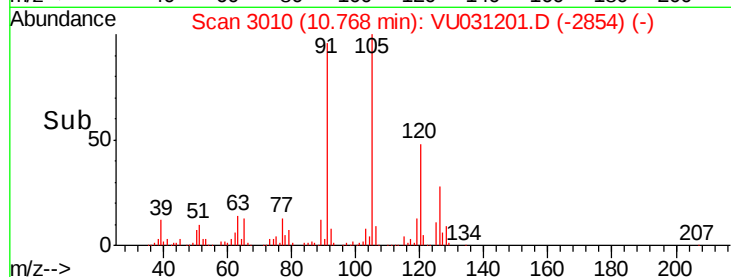
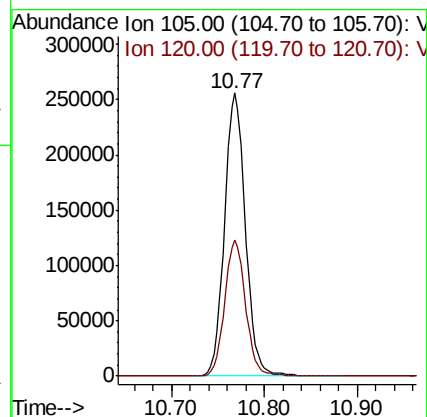
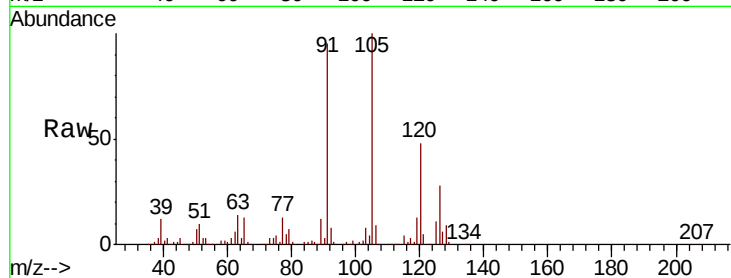
VSTDICCC010

Tgt Ion:105 Resp: 399397

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#76

4-Chlorotoluene

Concen: 11.221 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031201.D

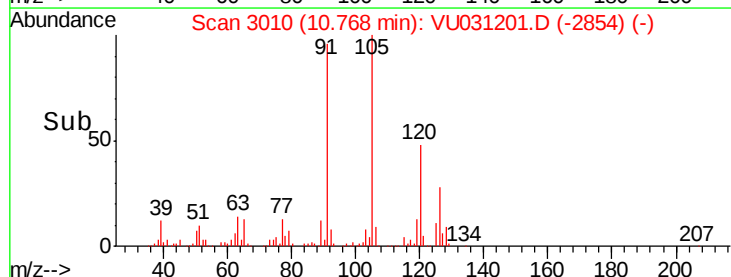
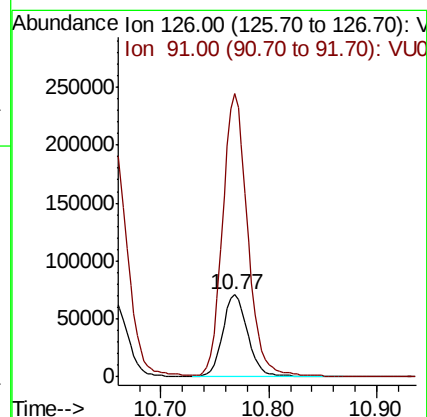
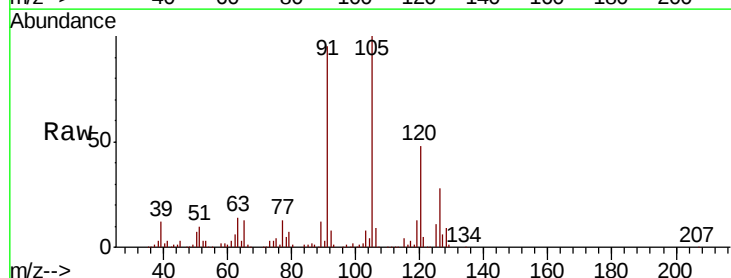
Acq: 15 Apr 2019 22:20

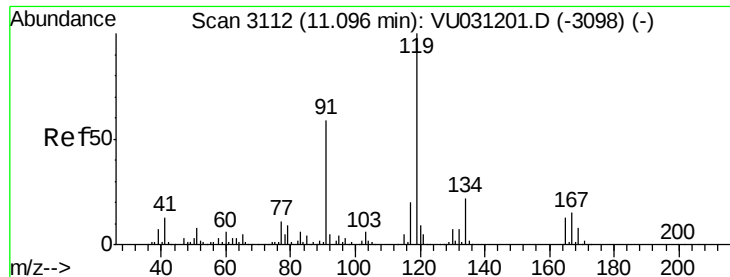
Tgt Ion:126 Resp: 114764

Ion Ratio Lower Upper

126 100

91 341.9 0.0 683.8

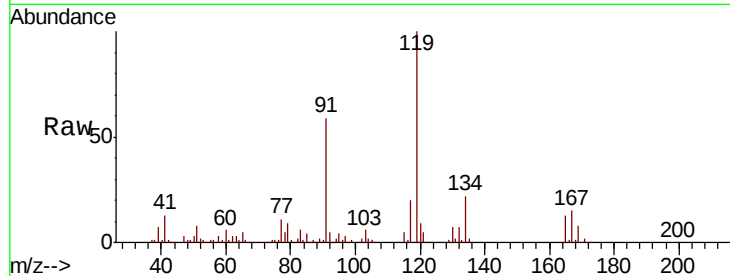




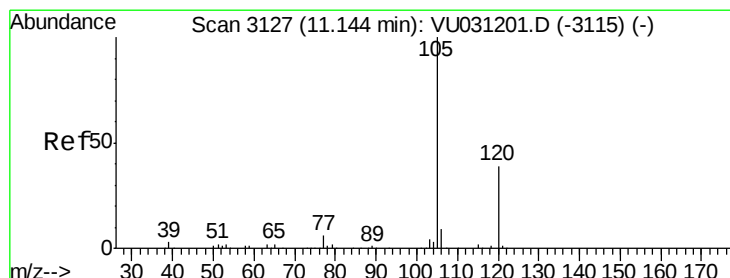
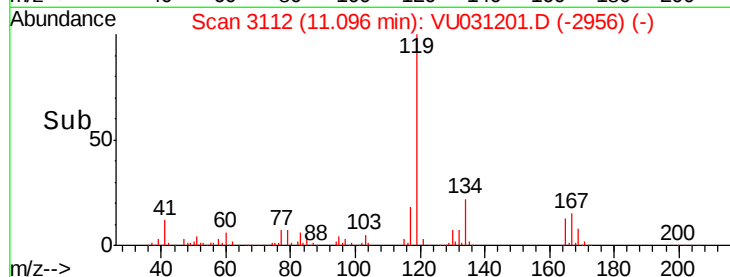
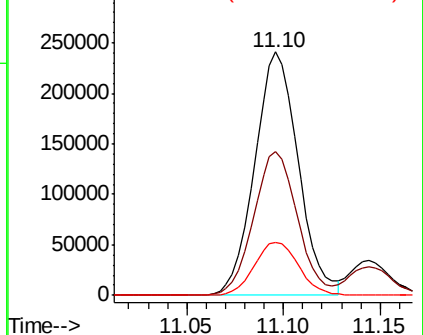
#77
 tert-Butylbenzene
 Concen: 11.158 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:119 Resp: 379162
 Ion Ratio Lower Upper
 119 100
 91 58.9 29.4 88.3
 134 22.4 17.9 26.9

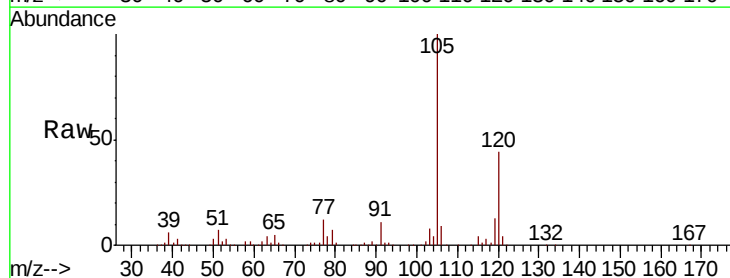


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU
 Ion 134.00 (133.70 to 134.70): V

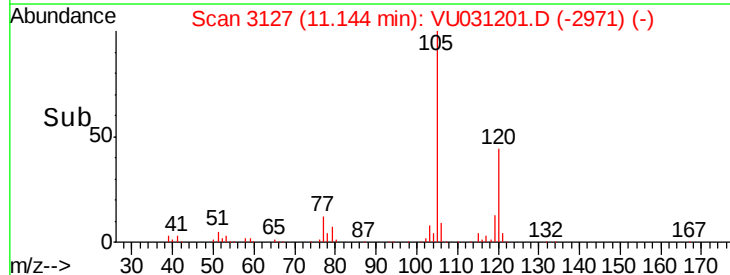
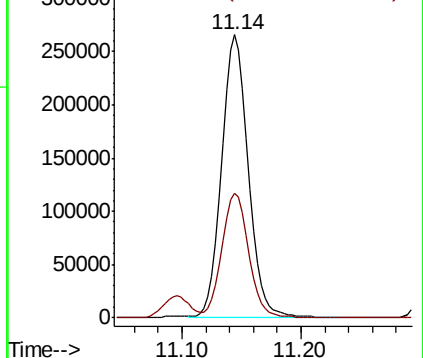


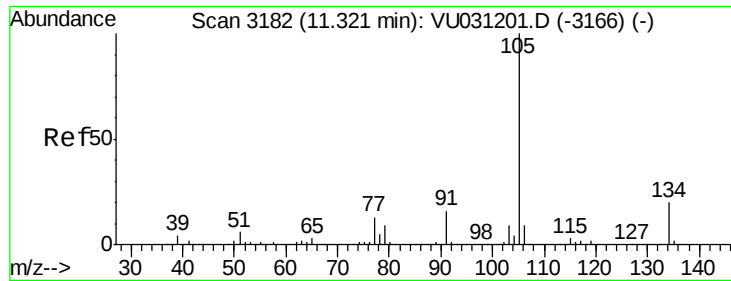
#78
 1,2,4-Trimethylbenzene
 Concen: 11.562 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:105 Resp: 410718
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

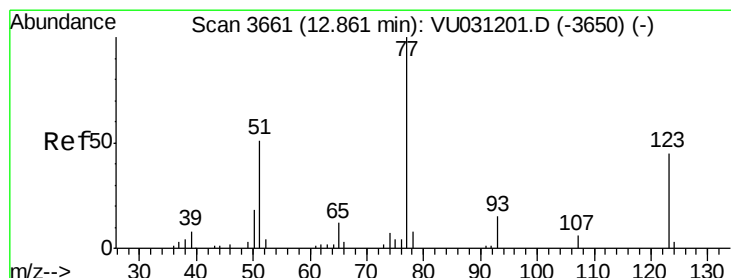
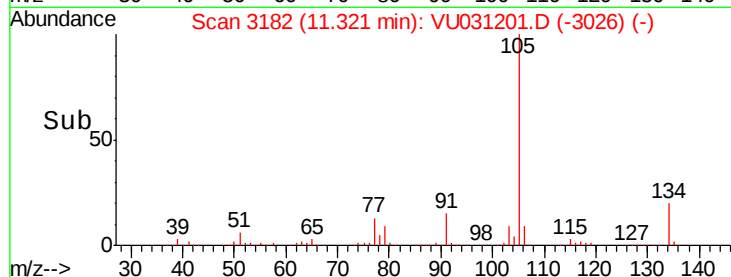
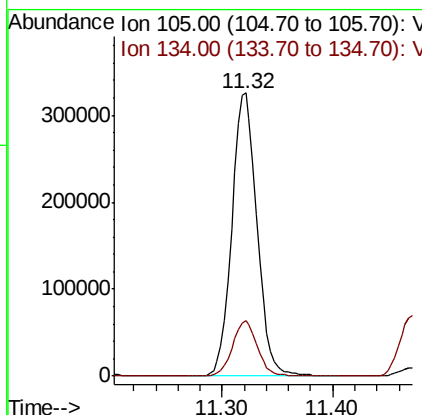
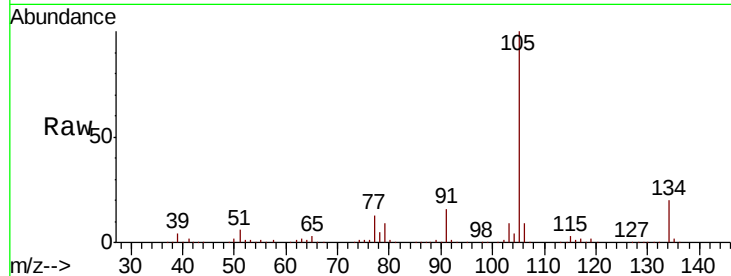




#79
 sec-Butylbenzene
 Concen: 11.109 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

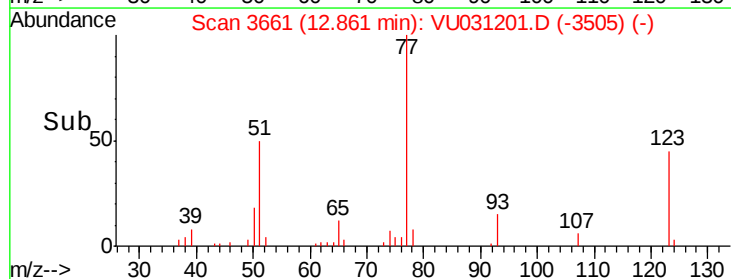
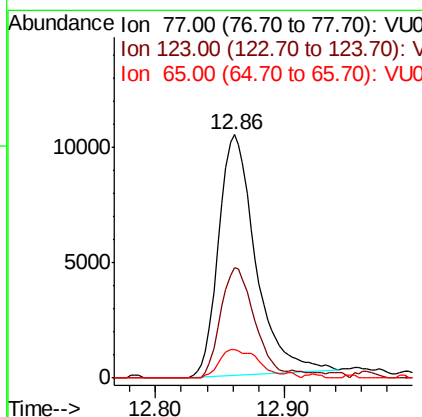
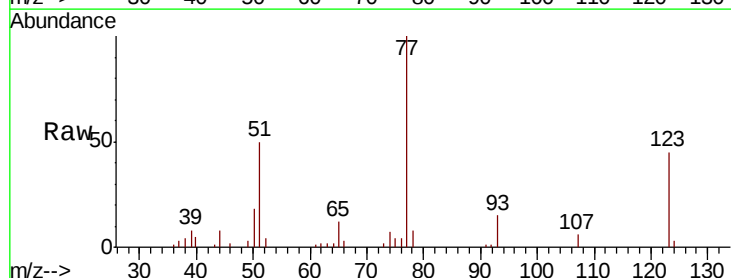
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

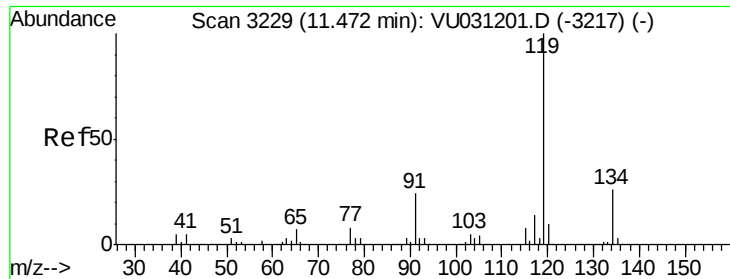
Tgt Ion: 105 Resp: 512969
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.5 23.3



#80
 Nitrobenzene
 Concen: 63.668 ug/l
 RT: 12.86 min Scan# 3661
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 77 Resp: 20899
 Ion Ratio Lower Upper
 77 100
 123 38.9 17.1 60.7
 65 10.7 9.4 12.0

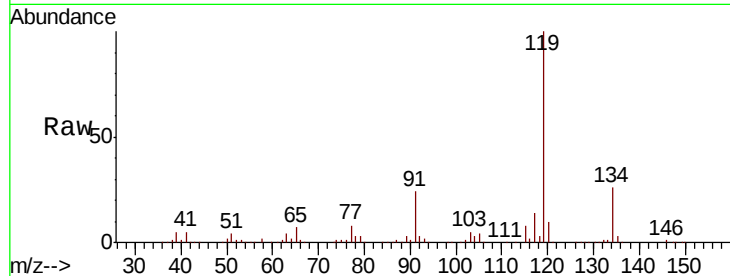




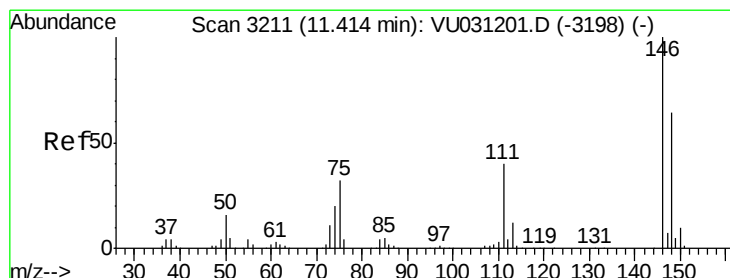
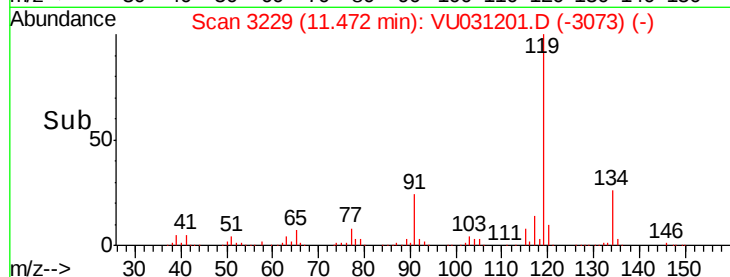
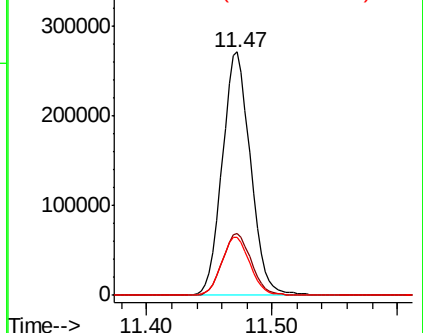
#81
 p-Isopropyltoluene
 Concen: 11.626 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:119 Resp: 420948
 Ion Ratio Lower Upper
 119 100
 134 26.2 21.0 31.4
 91 24.3 19.4 29.2

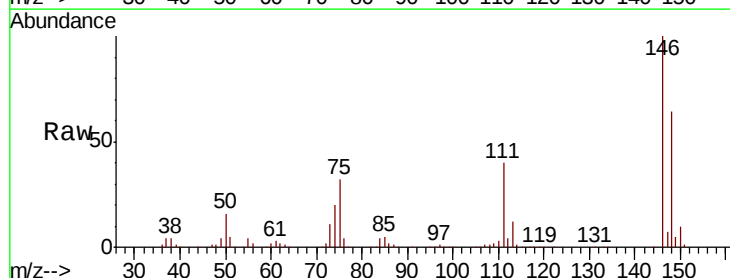


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

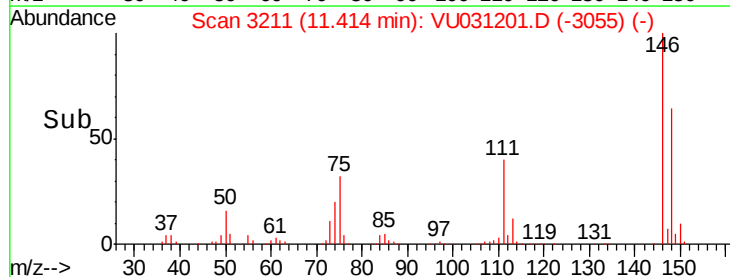
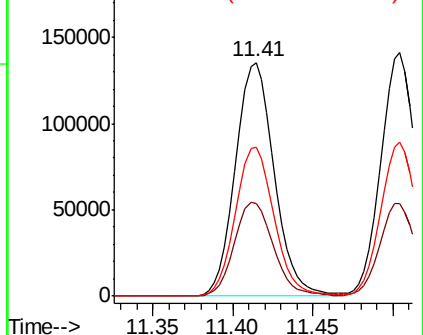


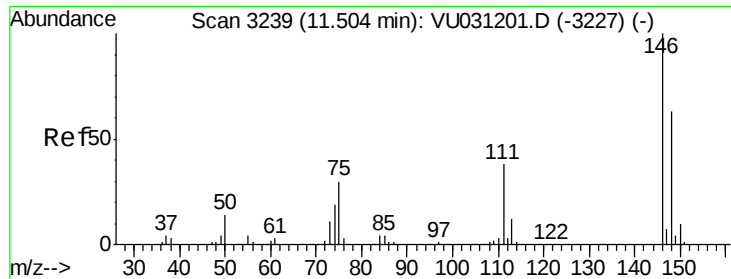
#82
 1,3-Dichlorobenzene
 Concen: 10.880 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:146 Resp: 224245
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.4 48.6
 148 63.5 50.8 76.2



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

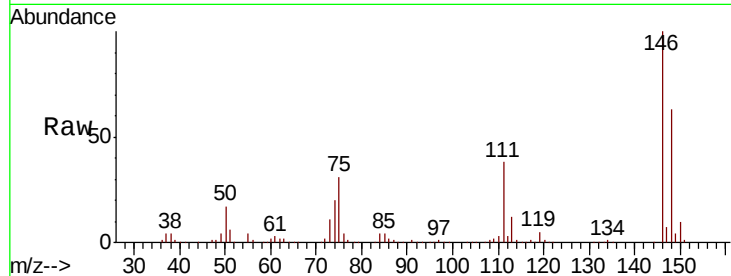




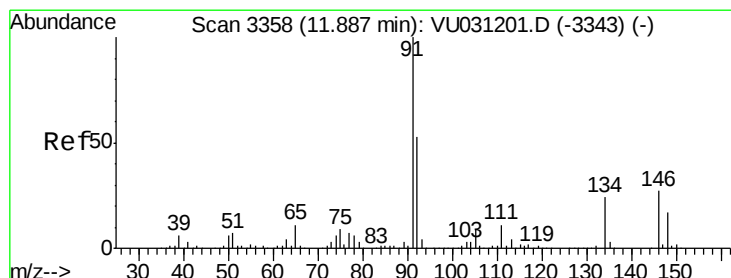
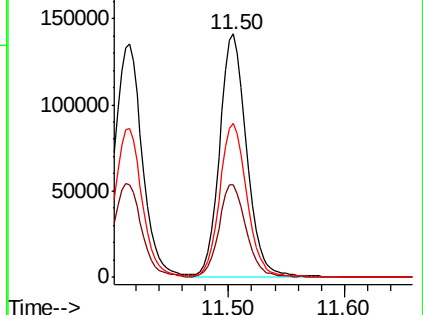
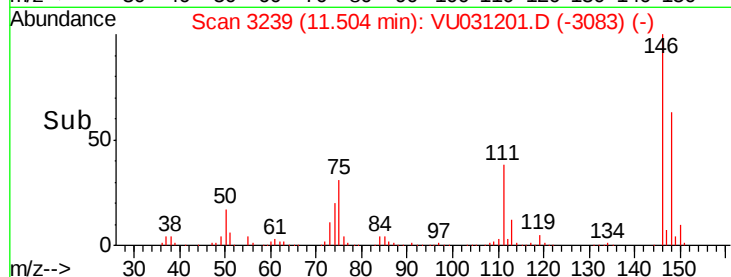
#83
 1,4-Dichlorobenzene
 Concen: 11.164 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 146 Resp: 227418
 Ion Ratio Lower Upper
 146 100
 111 38.3 30.6 46.0
 148 63.9 51.1 76.7

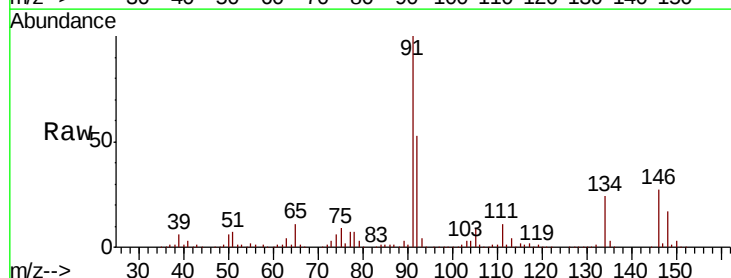


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

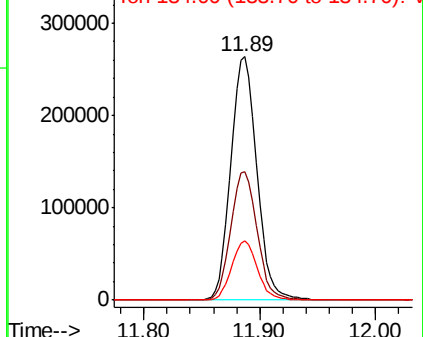
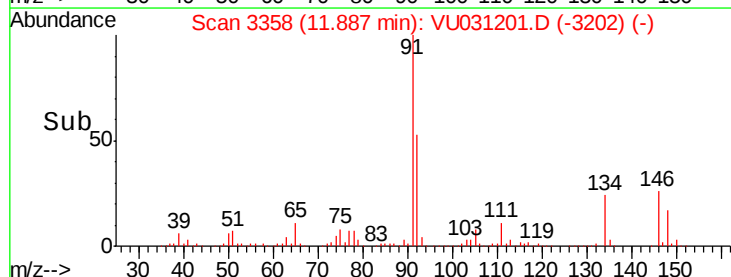


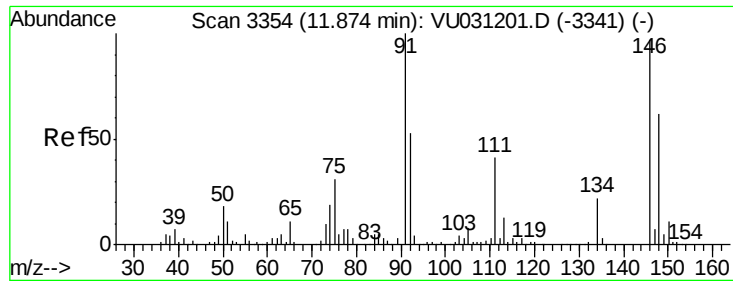
#84
 n-Butylbenzene
 Concen: 11.227 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 91 Resp: 408551
 Ion Ratio Lower Upper
 91 100
 92 53.2 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

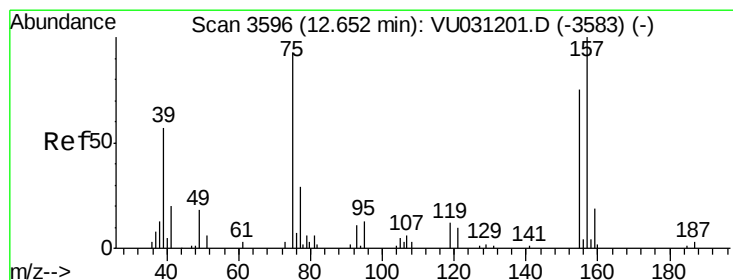
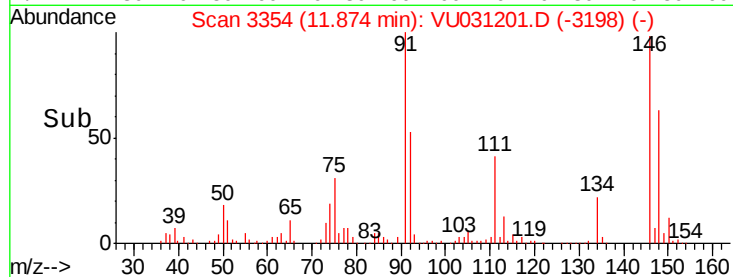
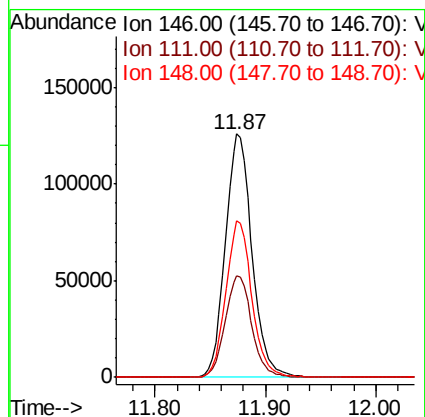
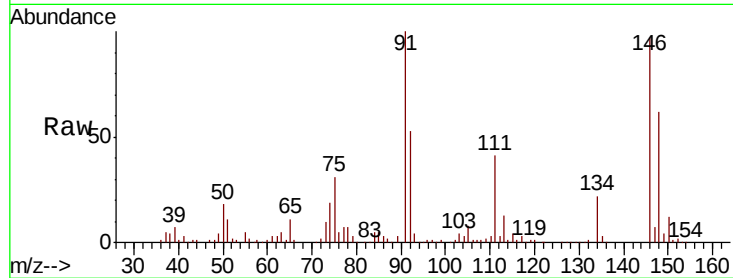




#85
 1,2-Dichlorobenzene
 Concen: 10.769 ug/l
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

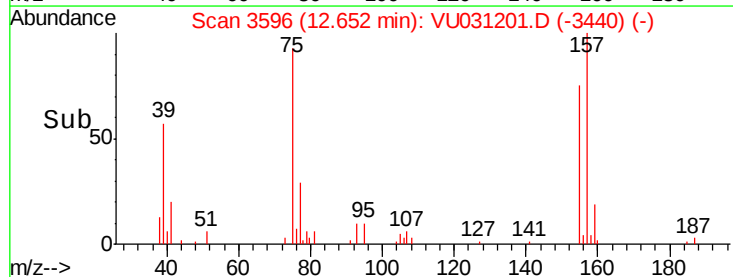
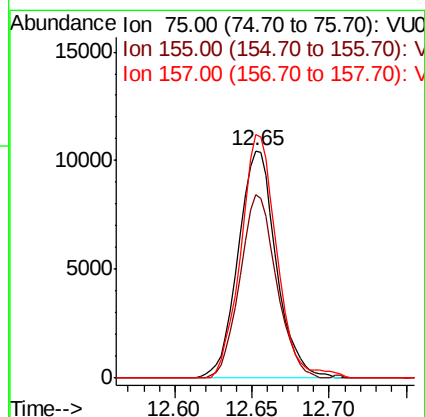
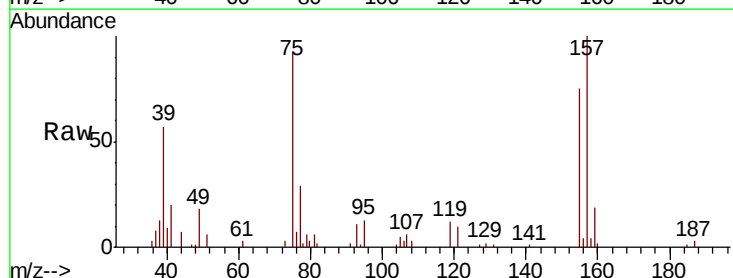
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

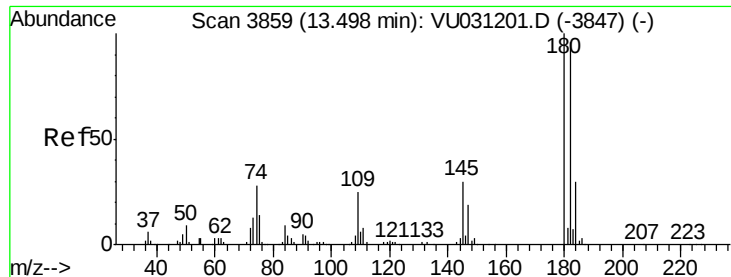
Tgt Ion: 146 Resp: 210945
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.8 62.5
 148 62.9 31.4 94.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.404 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion: 75 Resp: 17916
 Ion Ratio Lower Upper
 75 100
 155 77.1 61.7 92.5
 157 101.6 81.3 121.9

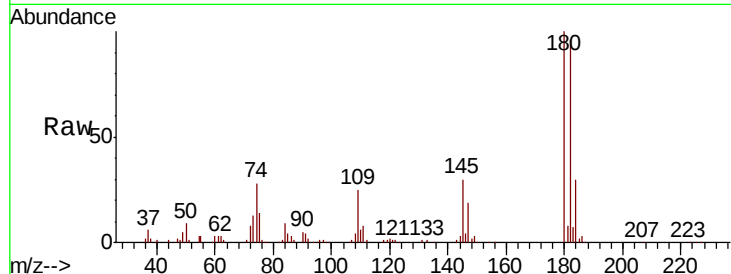




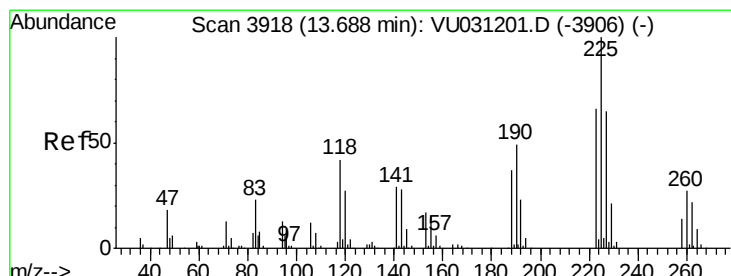
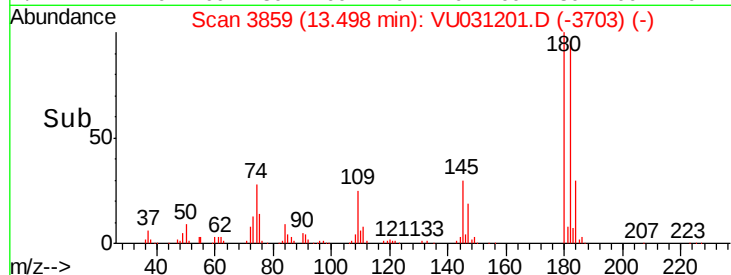
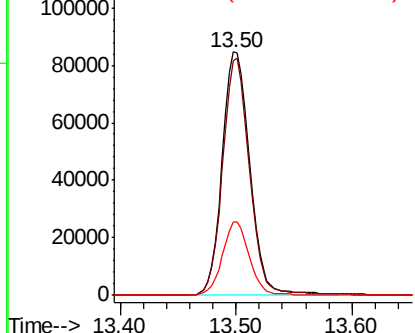
#87
 1,2,4-Trichlorobenzene
 Concen: 11.970 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 140044
 Ion Ratio Lower Upper
 180 100
 182 93.8 75.0 112.6
 145 29.3 23.4 35.2

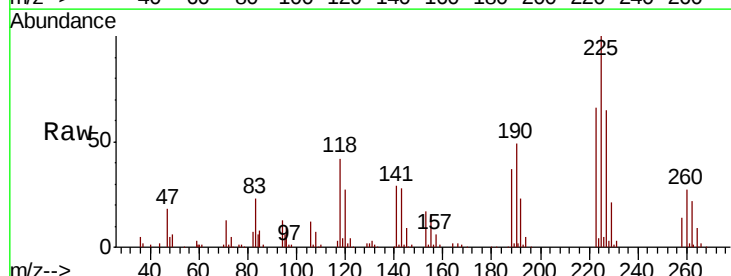


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

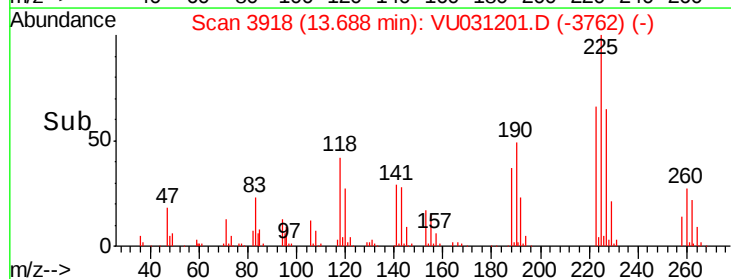
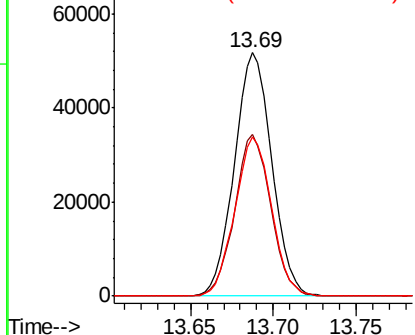


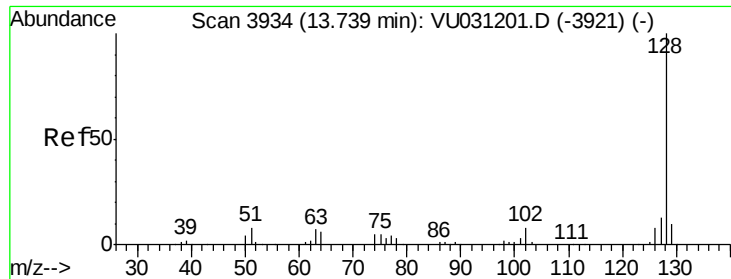
#88
 Hexachlorobutadiene
 Concen: 11.548 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031201.D
 Acq: 15 Apr 2019 22:20

Tgt Ion:225 Resp: 81085
 Ion Ratio Lower Upper
 225 100
 223 64.3 51.4 77.2
 227 64.0 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: 12.851 ug/l

RT: 13.74 min Scan# 3934

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

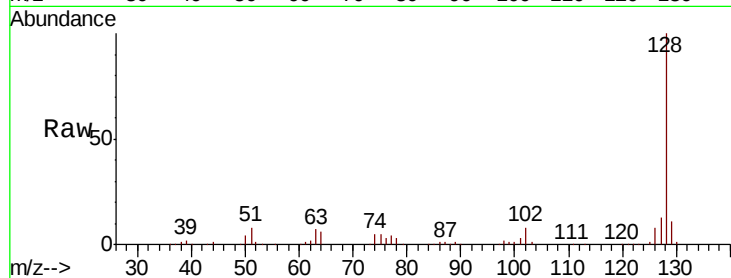
Tgt Ion:128 Resp: 264836

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

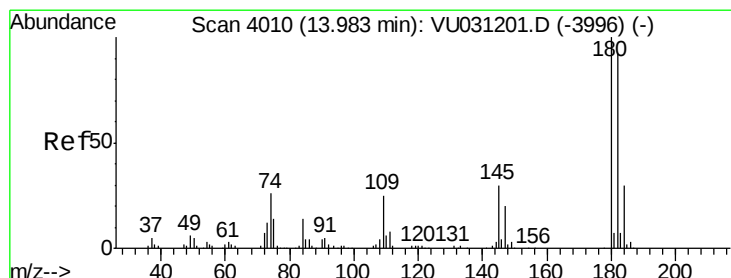
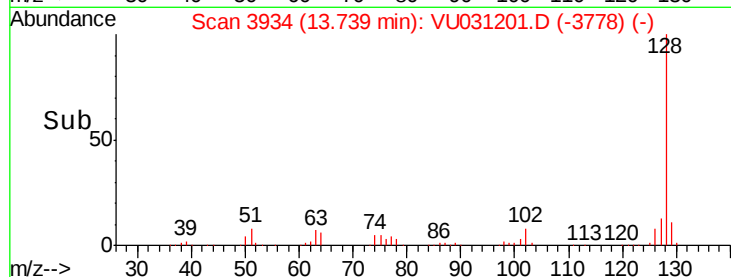
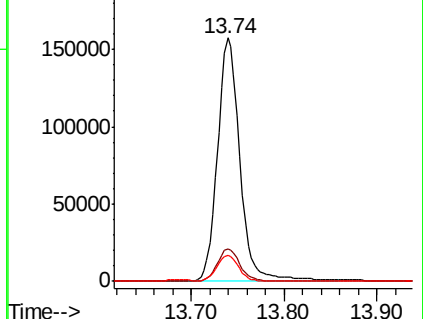
129 10.4 8.3 12.5



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: 11.838 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031201.D

Acq: 15 Apr 2019 22:20

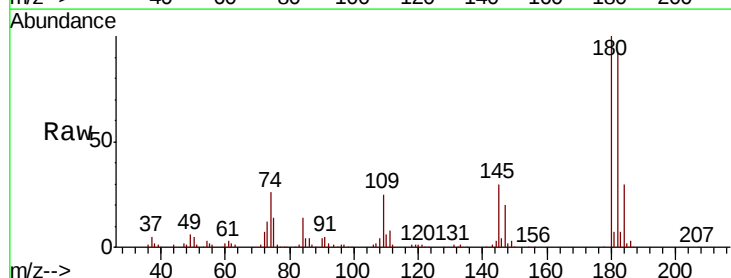
Tgt Ion:180 Resp: 137740

Ion Ratio Lower Upper

180 100

182 95.5 76.4 114.6

145 31.6 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

