

Data File : VU030610.D
Acq On : 02 Apr 2019 19:25
Operator : JC/SP
Sample : VSTDIC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Apr 03 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	37513	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	13946	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	12572	0.82	ug/l	0.00
Spiked Amount 1.000			Recovery	=	82.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	76974	5.444 ug/l	99
3) Chloromethane	1.32	50	87859	5.482 ug/l	97
4) Vinyl Chloride	1.40	62	85956	6.074 ug/l	100
5) Bromomethane	1.63	94	37222	4.774 ug/l	97
6) Chloroethane	1.70	64	48834	6.019 ug/l	98
7) Trichlorofluoromethane	1.88	101	101320	5.610 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	49826	5.154 ug/l	99
9) 1,1-Dichloroethene	2.28	96	49809	5.223 ug/l	95
10) Iodomethane	2.41	142	64125	7.192 ug/l	99
11) Allyl Chloride	2.59	41	111723	7.533 ug/l	96
12) Acrylonitrile	2.93	53	31649	14.078 ug/l	93
13) Acetone	2.32	43	73146	36.882 ug/l	100
14) Carbon Disulfide	2.47	76	178609	5.343 ug/l	98
15) Methylene Chloride	2.69	84	61277	5.348 ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	54289	4.956 ug/l	97
17) 1,1-Dichloroethane	3.44	63	114848	5.971 ug/l	100
18) 2-Butanone	4.27	43	104652	37.862 ug/l	100
19) Cyclohexane	4.98	56	83016	5.037 ug/l #	85
20) Methylcyclohexane	6.41	83	82753	4.784 ug/l	98
21) 2,2-Dichloropropane	4.22	77	90716	5.663 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	61021	5.007 ug/l	99
23) Diethyl Ether	2.10	59	49741	6.598 ug/l	99
24) tert-Butyl Alcohol	2.83	59	60060	71.971 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	156656	6.257 ug/l	98
26) Bromochloromethane	4.54	128	26030	4.903 ug/l	99
27) Chloroform	4.67	83	109625	5.505 ug/l	96
28) 1,1,1-Trichloroethane	4.91	97	88178	5.416 ug/l	99
29) 1,1-Dichloropropene	5.13	75	79803	5.394 ug/l	99
30) Carbon Tetrachloride	5.13	117	76005	5.241 ug/l	95
31) Isopropyl Ether	3.58	45	188531	6.695 ug/l	98
32) Ethyl-t-butyl ether	4.07	59	150956	5.789 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	128587	5.493 ug/l	99
34) Propionitrile	4.33	54	27443	36.340 ug/l #	93
35) Benzene	5.38	78	234178	5.414 ug/l	98
36) 1,2-Dichloroethane	5.40	62	74635	6.215 ug/l	99
37) Trichloroethene	6.18	130	56155	4.643 ug/l	98
38) 1,2-Dichloropropane	6.43	63	65735	5.839 ug/l	100
39) Methacrylonitrile	4.55	41	24280	7.189 ug/l	98
40) Methyl acrylate	4.43	55	34922	6.816 ug/l	97
41) Tetrahydrofuran	4.65	42	24915	13.373 ug/l	94
42) 1-Chlorobutane	5.06	56	120594	6.026 ug/l	97

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Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Apr 03 01:54:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U040219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Apr 03 01:47:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	30284	5.277	ug/l	95
44) Bromodichloromethane	6.75	83	80575	5.834	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	233484	37.570	ug/l	99
46) t-1,4-Dichloro-2-butene	10.49	75	35338	15.595	ug/l	93
47) Methyl methacrylate	6.62	69	62992	12.766	ug/l	93
48) Ethyl methacrylate	8.02	69	56744	6.205	ug/l	98
49) Toluene	7.63	92	131040	5.097	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	72758	5.901	ug/l	100
51) cis-1,3-Dichloropropene	7.27	75	86190	5.613	ug/l	96
52) 1,1,2-Trichloroethane	8.06	97	43588	5.406	ug/l	91
53) 1,3-Dichloropropane	8.24	76	79783	5.827	ug/l	98
54) 2-Hexanone	8.36	43	162746	36.907	ug/l	96
55) Dibromochloromethane	8.47	129	51364	5.358	ug/l	99
56) 1,2-Dibromoethane	8.58	107	41729	5.426	ug/l	96
58) Tetrachloroethene	8.22	164	47081	4.319	ug/l	99
59) Chlorobenzene	9.12	112	139918	4.826	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.21	131	52316	5.060	ug/l	98
61) Pentachloroethane	11.10	117	40392	5.065	ug/l	97
62) Hexachloroethane	12.14	117	38538	4.876	ug/l	99
63) Ethyl Benzene	9.25	91	238133	4.939	ug/l	99
64) m/p-Xylenes	9.37	106	177639	9.528	ug/l	99
65) o-Xylene	9.77	106	84658	4.631	ug/l	99
66) Styrene	9.79	104	150031	4.973	ug/l	99
67) Bromoform	9.95	173	29599	5.443	ug/l	96
69) Isopropylbenzene	10.16	105	226483	4.724	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	59734	5.925	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	35338	4.654	ug/l #	87
72) Bromobenzene	10.45	156	54219	4.377	ug/l	96
73) n-propylbenzene	10.58	120	60373	4.485	ug/l	96
74) 2-Chlorotoluene	10.66	126	54107	4.581	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	199662	4.897	ug/l	99
76) 4-Chlorotoluene	10.77	126	57356	4.766	ug/l	97
77) tert-Butylbenzene	11.10	119	186762	4.704	ug/l	100
78) 1,2,4-Trimethylbenzene	11.14	105	197944	4.772	ug/l	99
79) sec-Butylbenzene	11.32	105	255232	4.785	ug/l	100
80) Nitrobenzene	12.86	77	7116	33.624	ug/l #	93
81) p-Isopropyltoluene	11.47	119	203007	4.579	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	110816	4.450	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	110552	4.413	ug/l	99
84) n-Butylbenzene	11.89	91	207252	4.928	ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	103706	4.466	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	9390	6.389	ug/l	95
87) 1,2,4-Trichlorobenzene	13.50	180	63326	3.863	ug/l	97
88) Hexachlorobutadiene	13.69	225	36688	4.091	ug/l	97
89) Naphthalene	13.74	128	114035	4.403	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	61844	4.118	ug/l	99

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

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Sample : VSTDICC005

Misc : 25.0mL/MSVOA U/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

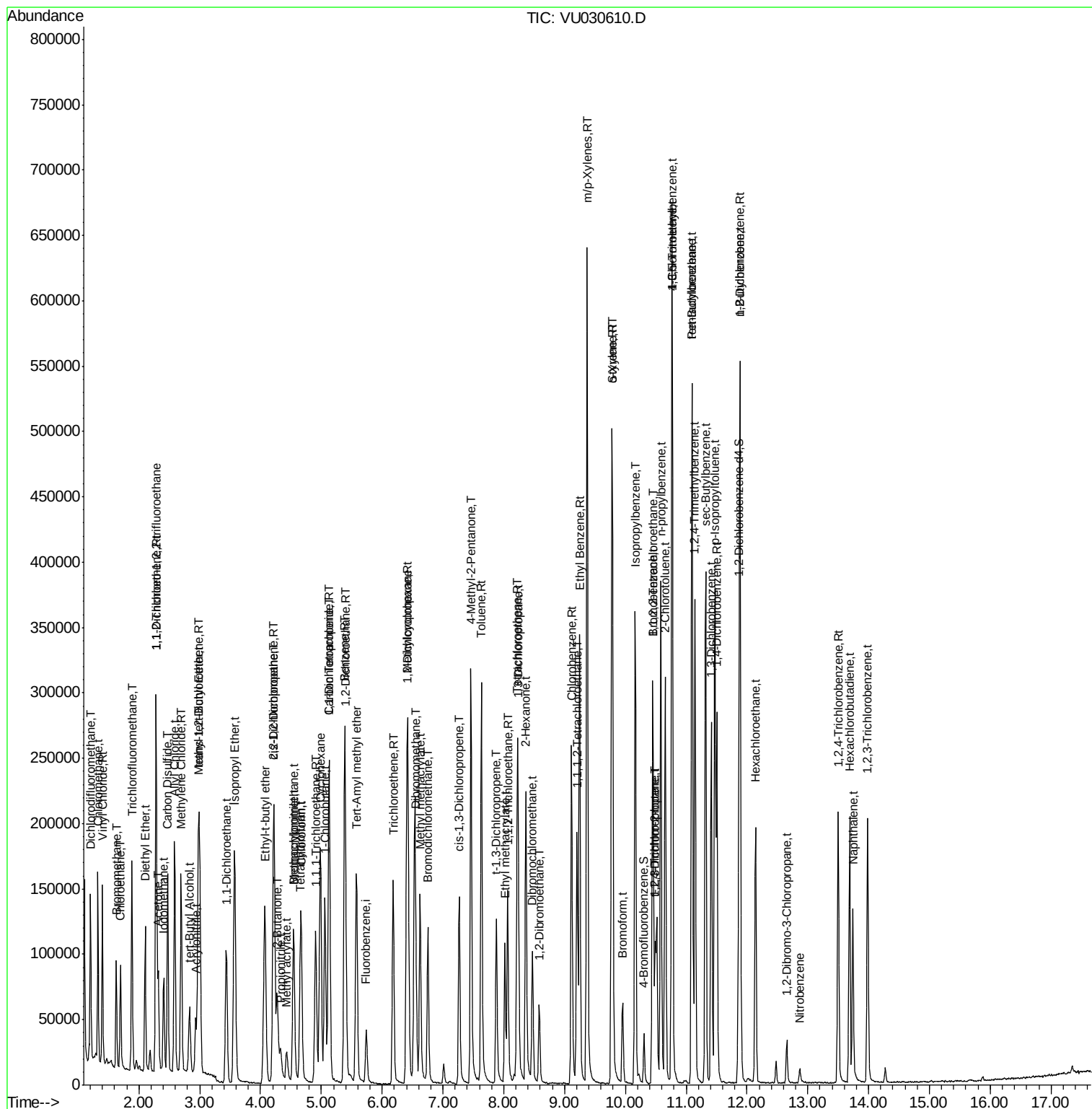
Quant Time: Apr 03 01:54:50 2019

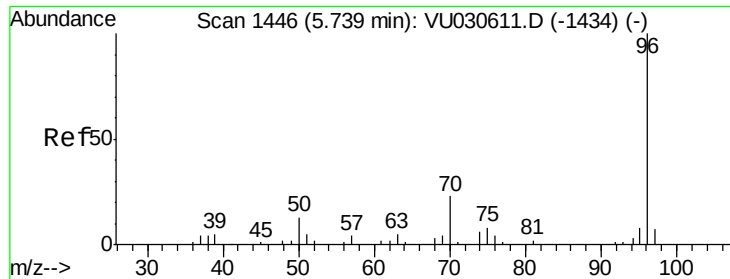
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\524U040219DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Wed Apr 03 01:47:43 2019

Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 37513

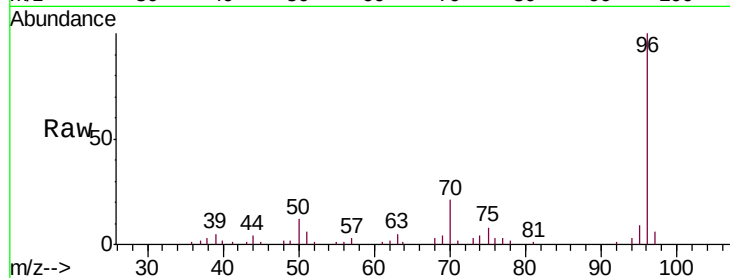
Ion Ratio Lower Upper

96 100

70 22.7 18.5 27.7

95 9.1 0.0 0.0#

97 6.3 0.0 0.0#

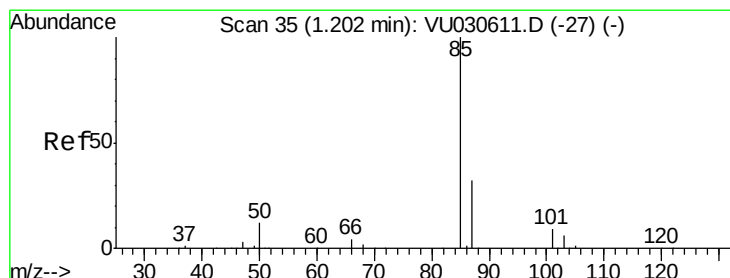
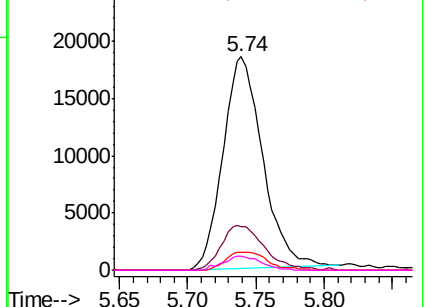
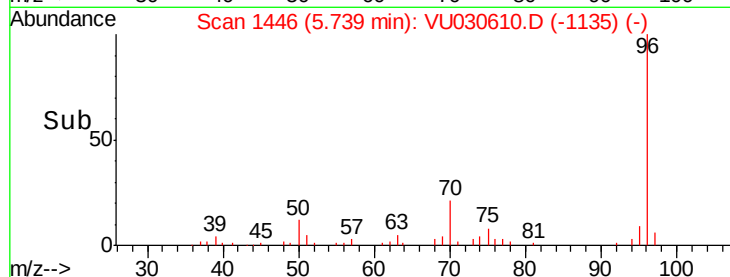


Abundance Ion 96.00 (95.70 to 96.70): VU0

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: 5.444 ug/l

RT: 1.21 min Scan# 36

Delta R.T. 0.00 min

Lab File: VU030610.D

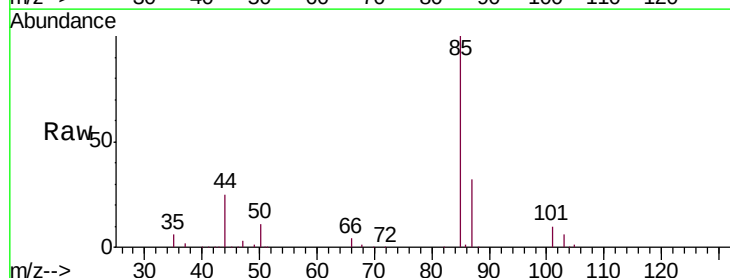
Acq: 02 Apr 2019 19:25

Tgt Ion: 85 Resp: 76974

Ion Ratio Lower Upper

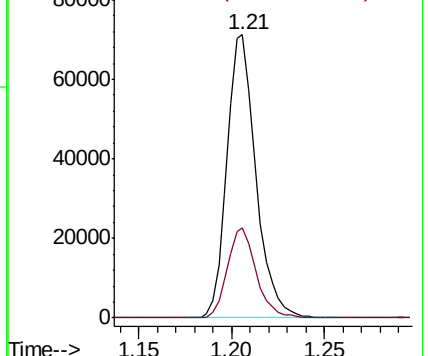
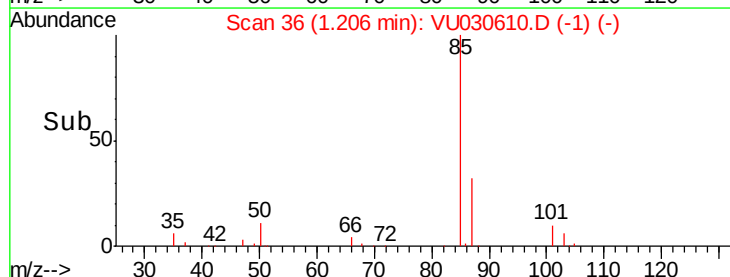
85 100

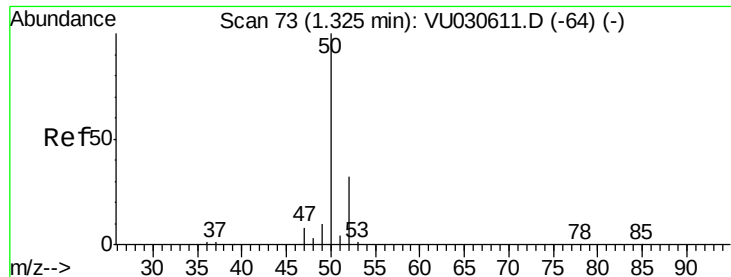
87 31.8 16.1 48.3



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 5.482 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

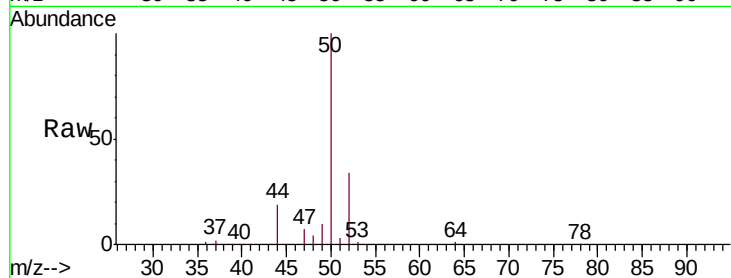
VSTDIC005

Tgt Ion: 50 Resp: 87859

Ion Ratio Lower Upper

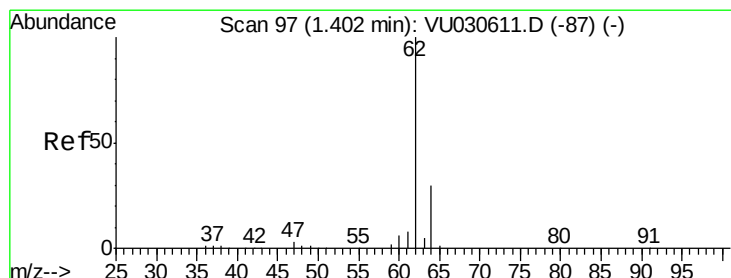
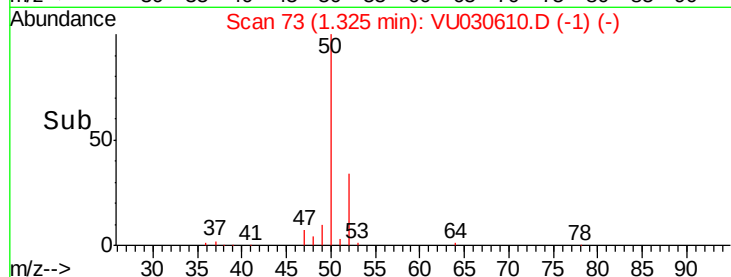
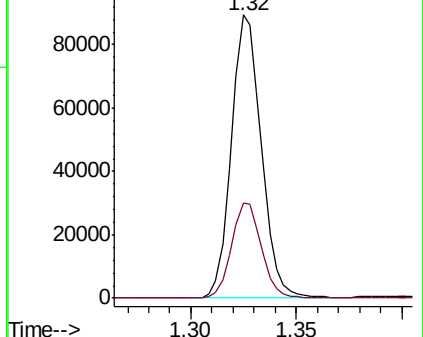
50 100

52 33.7 25.5 38.3



Abundance Ion 50.00 (49.70 to 50.70): VU030610.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU030610.D (-1) (-)



#4

Vinyl Chloride

Concen: 6.074 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU030610.D

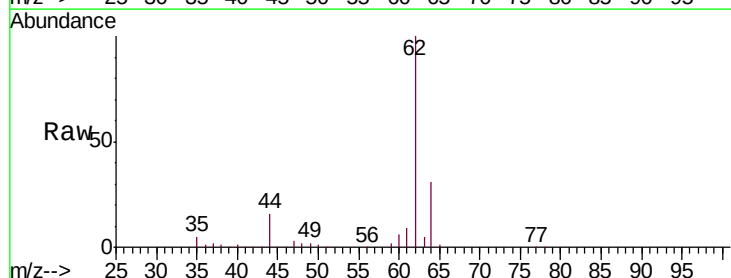
Acq: 02 Apr 2019 19:25

Tgt Ion: 62 Resp: 85956

Ion Ratio Lower Upper

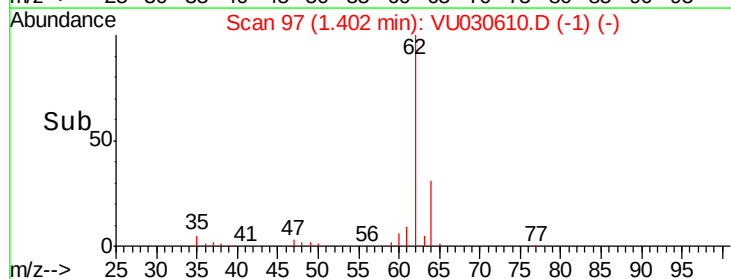
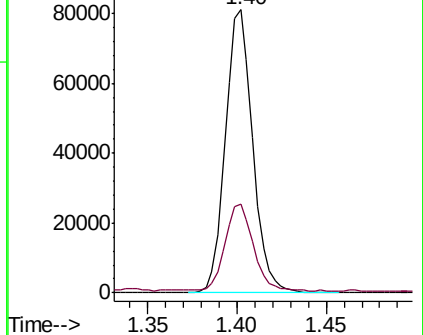
62 100

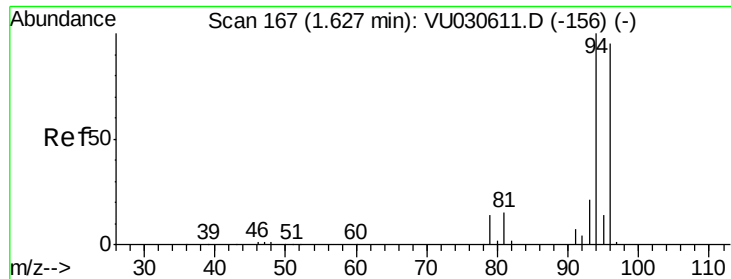
64 30.6 24.3 36.5



Abundance Ion 62.00 (61.70 to 62.70): VU030610.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU030610.D (-1) (-)





#5

Bromomethane

Concen: 4.774 ug/l

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU030610.D

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Instrument :

MSVOA_U

ClientSampleId :

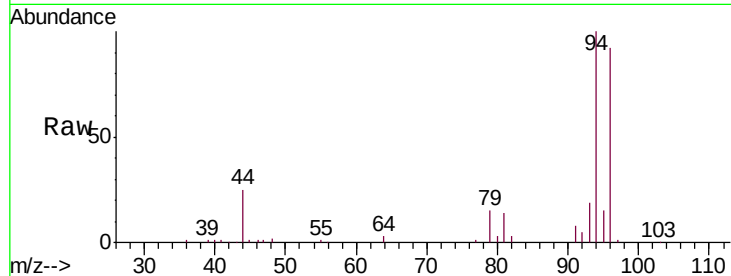
VSTDIC005

Tgt Ion: 94 Resp: 37222

Ion Ratio Lower Upper

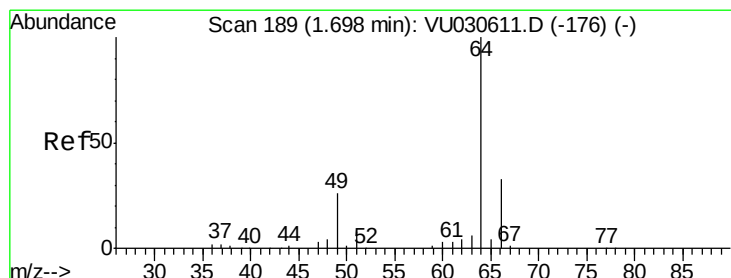
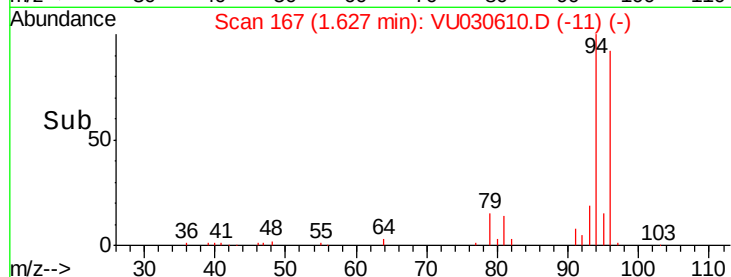
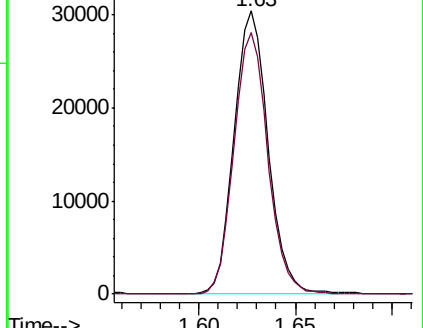
94 100

96 92.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VU030610.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU030610.D (-156) (-)



#6

Chloroethane

Concen: 6.019 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU030610.D

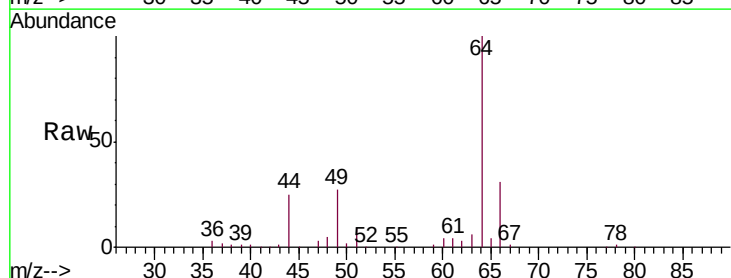
Acq: 02 Apr 2019 19:25

Tgt Ion: 64 Resp: 48834

Ion Ratio Lower Upper

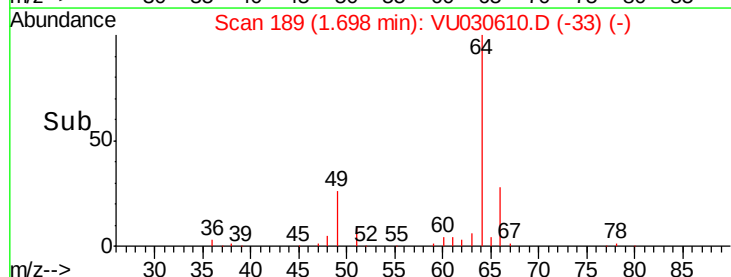
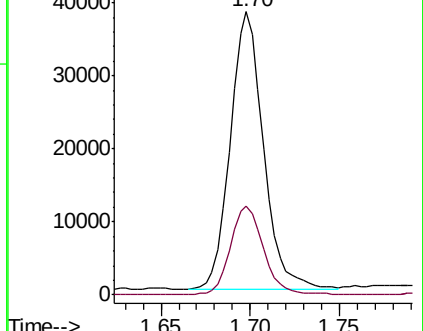
64 100

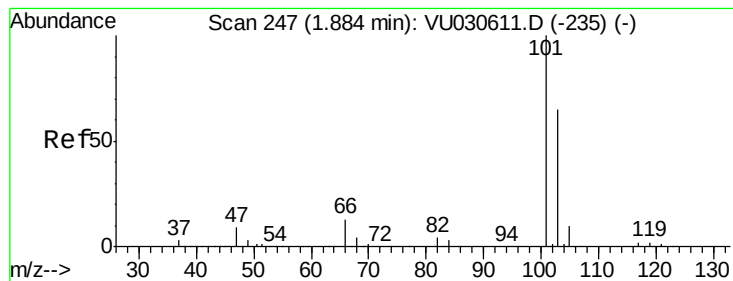
66 31.6 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU030610.D (-176) (-)

Ion 66.00 (65.70 to 66.70): VU030610.D (-176) (-)



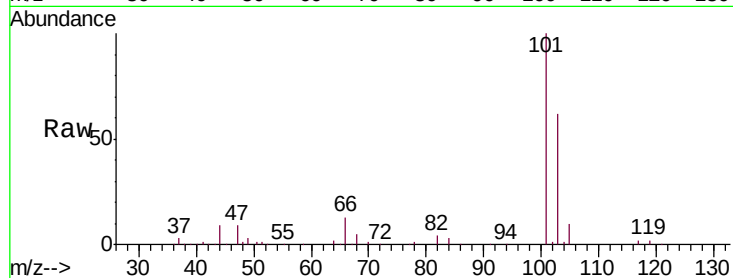


#7

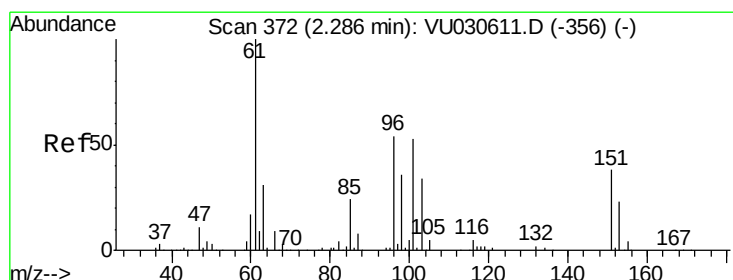
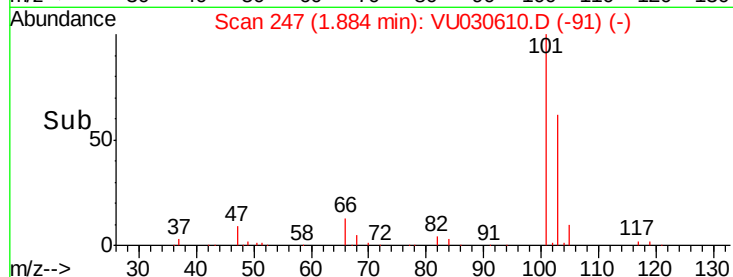
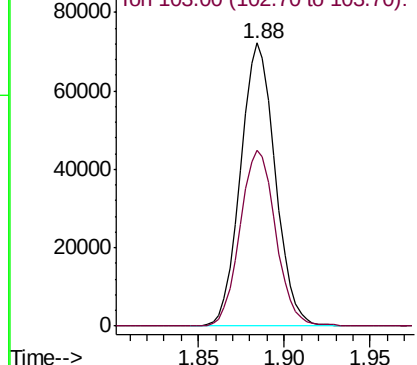
Trichlorofluoromethane
 Concen: 5.610 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:101 Resp: 101320
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.8 77.6



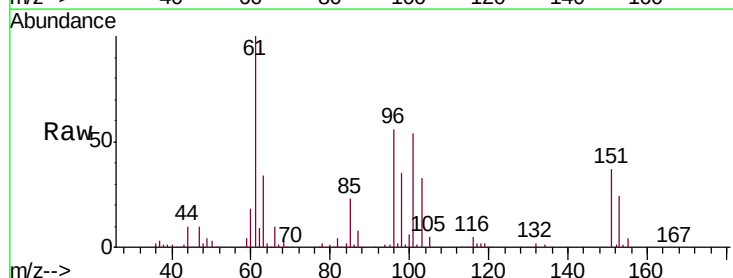
Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 103.00 (102.70 to 103.70): V



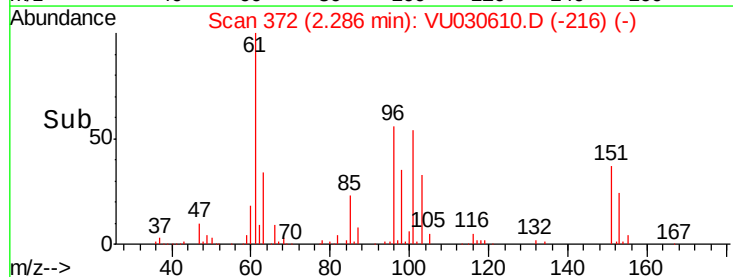
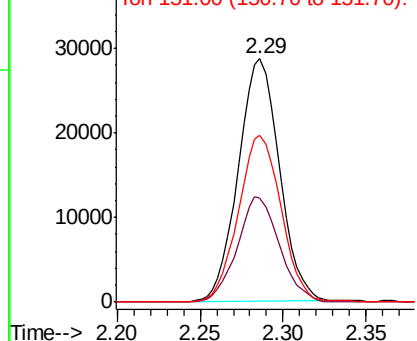
#8

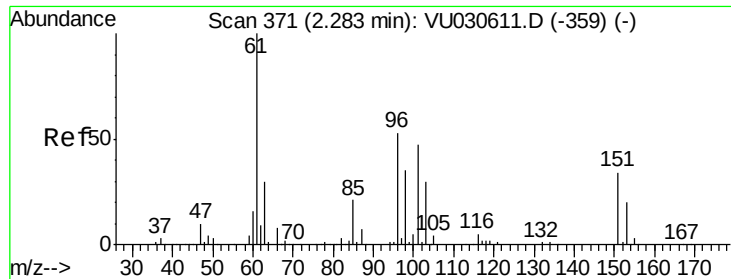
1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.154 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:101 Resp: 49826
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.5 54.7
 151 70.3 55.7 83.5



Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VU
 Ion 151.00 (150.70 to 151.70): V

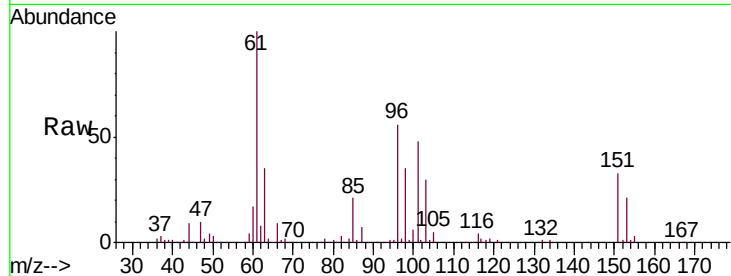




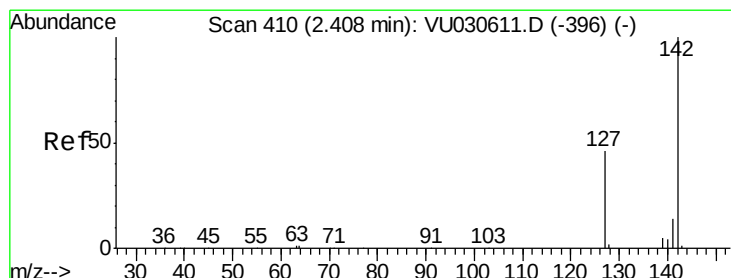
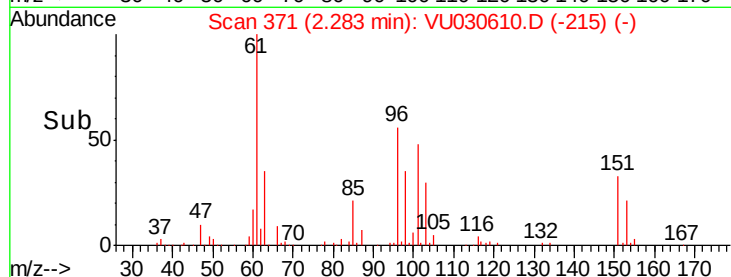
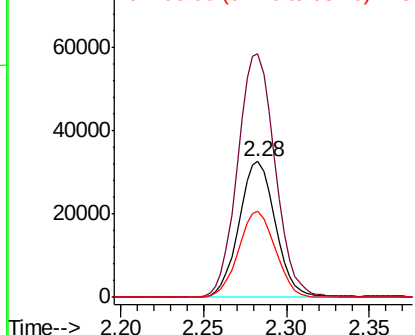
#9
 1,1-Dichloroethene
 Concen: 5.223 ug/l
 RT: 2.28 min Scan# 371
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 49809
 Ion Ratio Lower Upper
 96 100
 61 179.4 0.0 564.0
 98 63.3 0.0 132.2

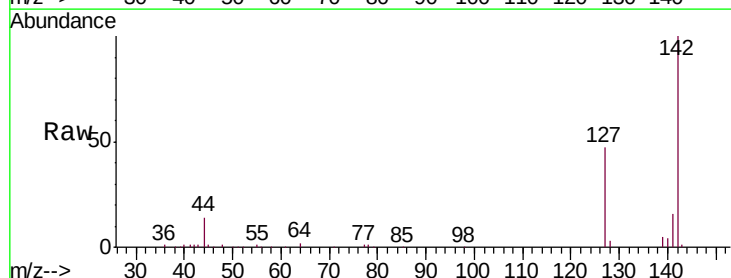


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0

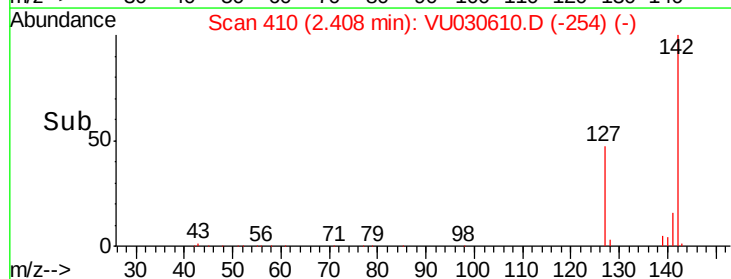
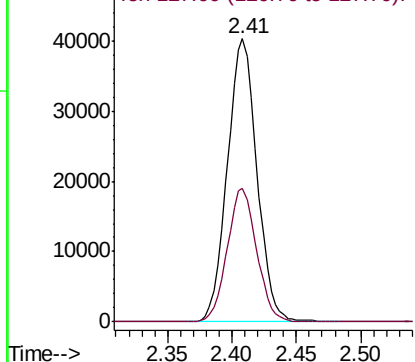


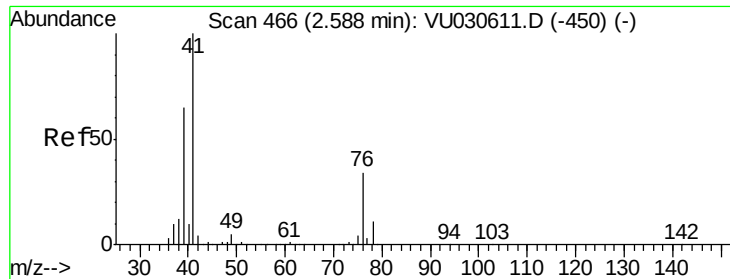
#10
 Iodomethane
 Concen: 7.192 ug/l
 RT: 2.41 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 142 Resp: 64125
 Ion Ratio Lower Upper
 142 100
 127 46.9 36.9 55.3



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

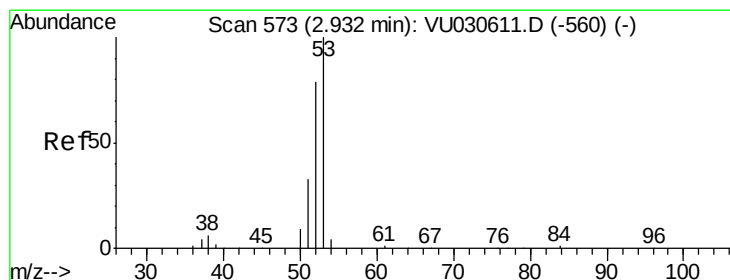
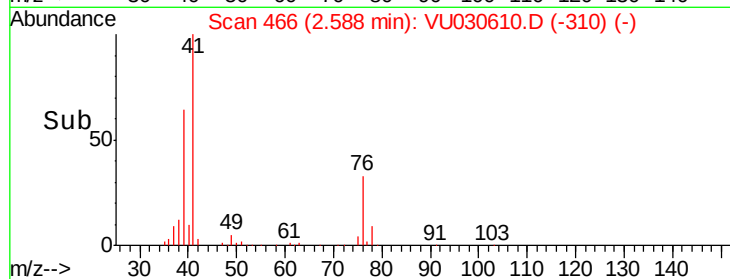
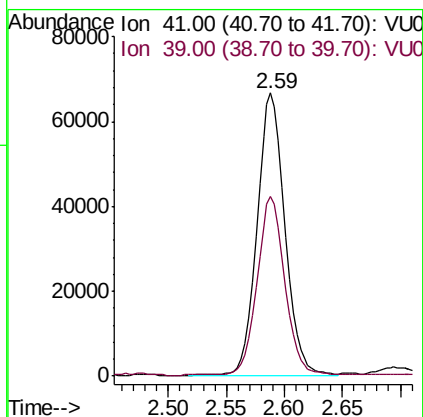
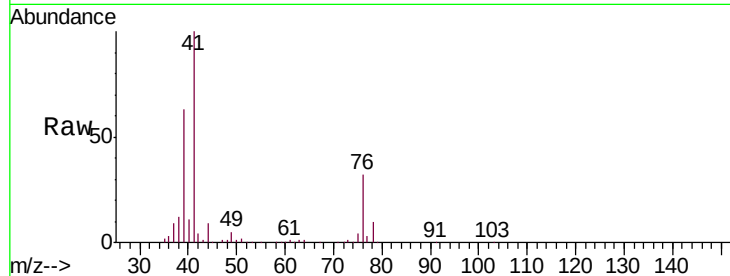




#11
 Allyl Chloride
 Concen: 7.533 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

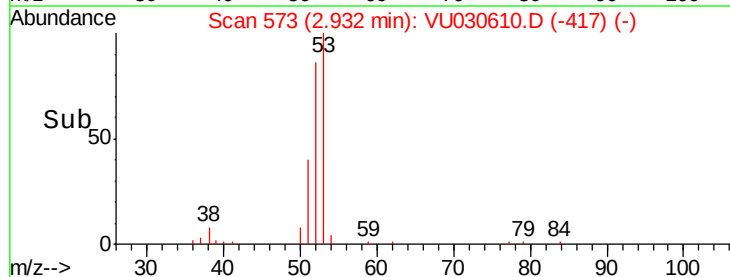
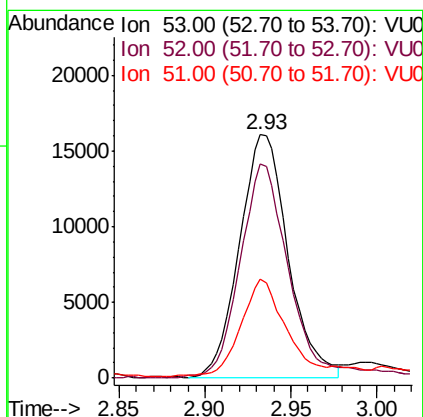
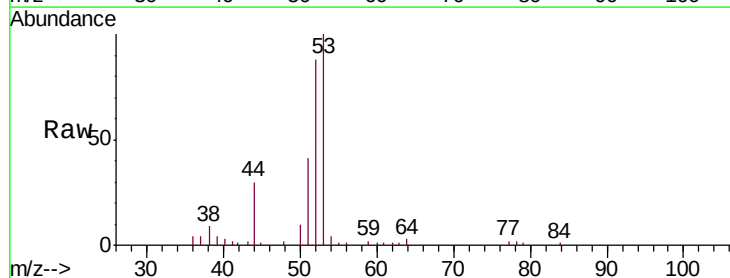
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

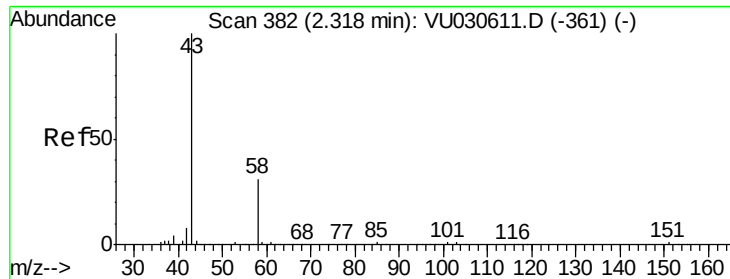
Tgt Ion: 41 Resp: 111723
 Ion Ratio Lower Upper
 41 100
 39 62.5 52.2 78.4



#12
 Acrylonitrile
 Concen: 14.078 ug/l
 RT: 2.93 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 53 Resp: 31649
 Ion Ratio Lower Upper
 53 100
 52 90.0 66.2 99.2
 51 36.0 27.3 40.9





#13

Acetone

Concen: 36.882 ug/l

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

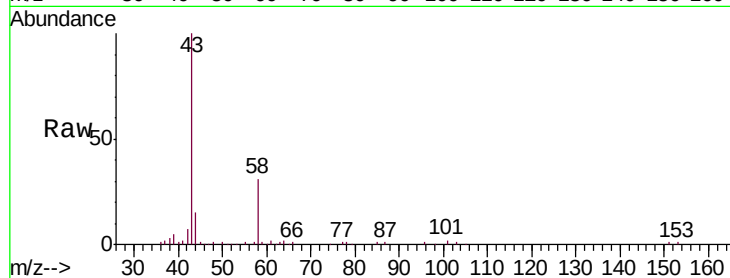
VSTDIC005

Tgt Ion: 43 Resp: 73146

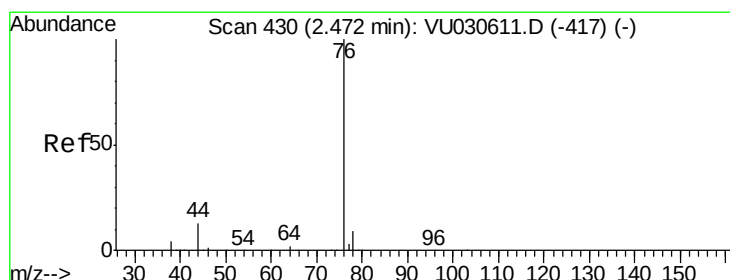
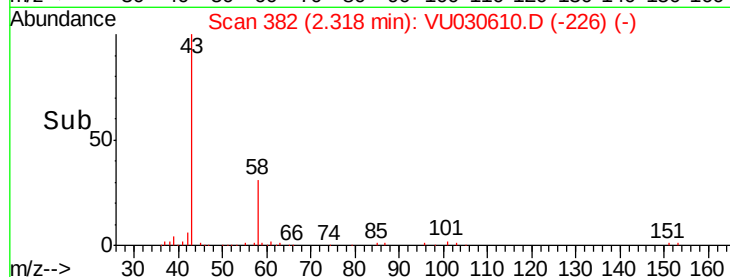
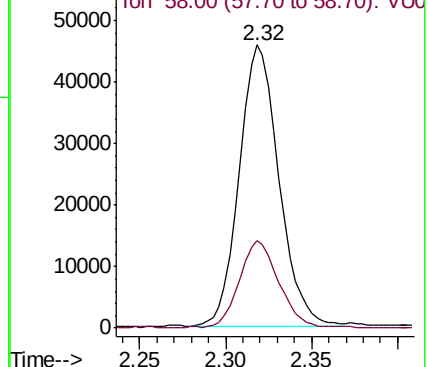
Ion Ratio Lower Upper

43 100

58 30.7 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VU030610.D (-226) (-)



#14

Carbon Disulfide

Concen: 5.343 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU030610.D

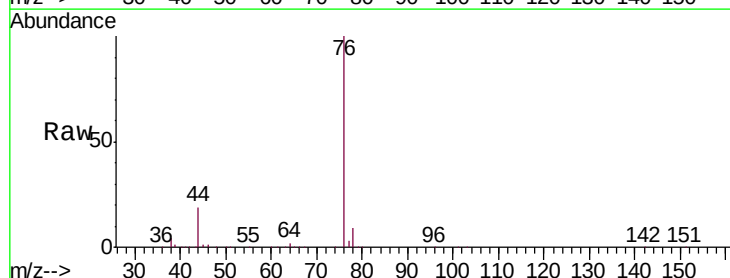
Acq: 02 Apr 2019 19:25

Tgt Ion: 76 Resp: 178609

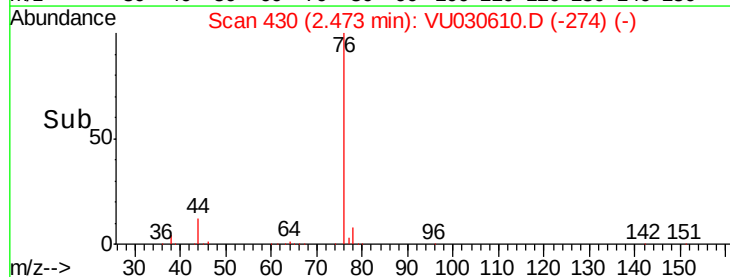
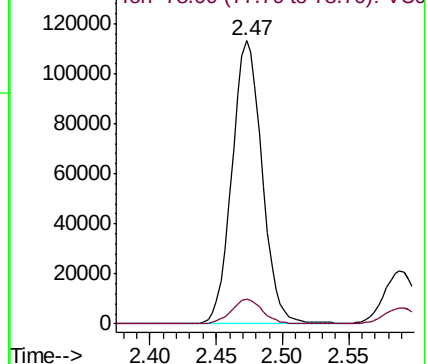
Ion Ratio Lower Upper

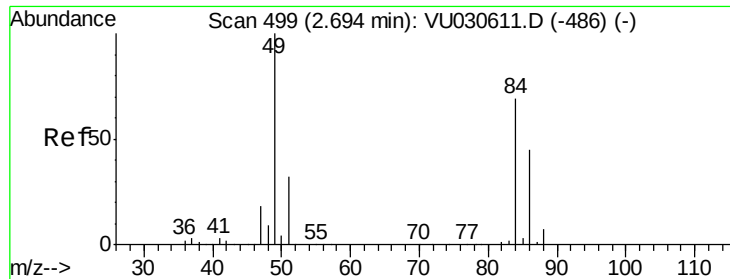
76 100

78 8.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU030610.D (-274) (-)

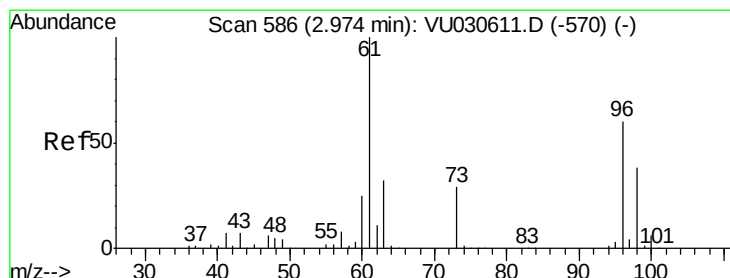
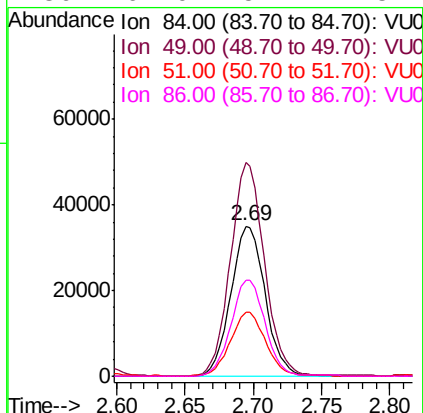
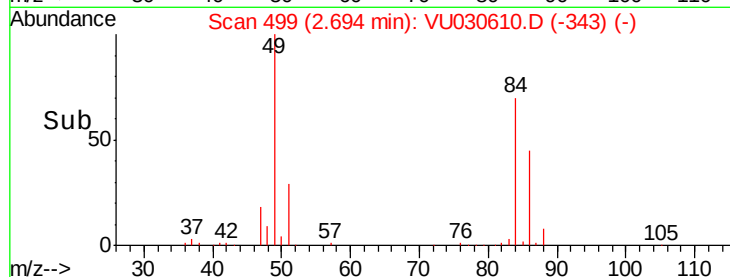
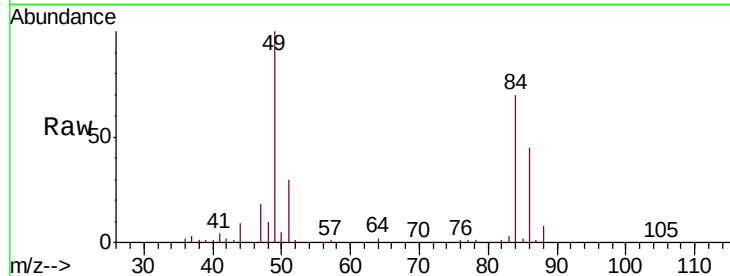




#15
Methylene Chloride
Concen: 5.348 ug/l
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

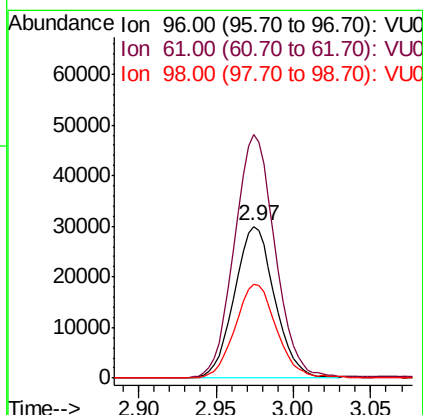
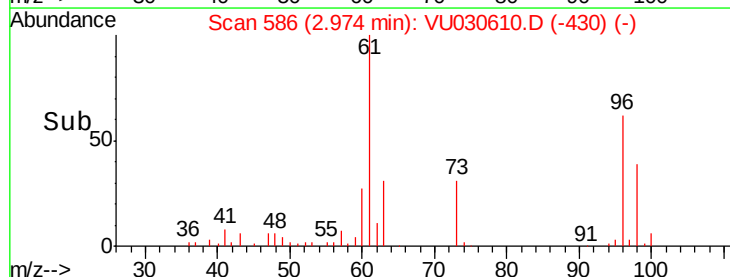
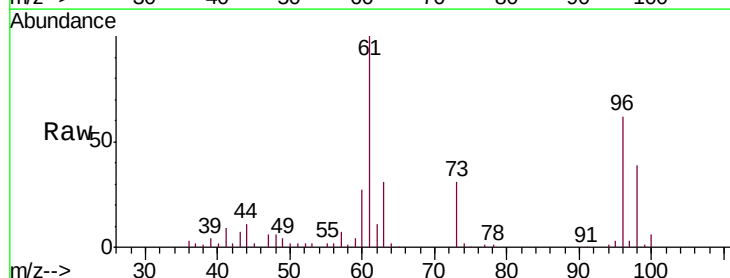
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

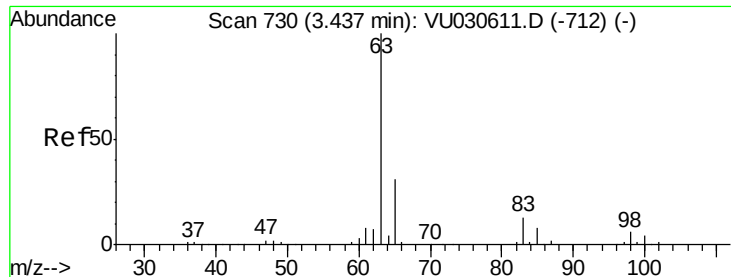
Tgt Ion: 84 Resp: 61277
Ion Ratio Lower Upper
84 100
49 142.5 115.4 173.2
51 42.0 0.0 93.4
86 64.0 52.2 78.4



#16
trans-1,2-Dichloroethene
Concen: 4.956 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 96 Resp: 54289
Ion Ratio Lower Upper
96 100
61 160.1 132.2 198.4
98 62.0 50.2 75.4

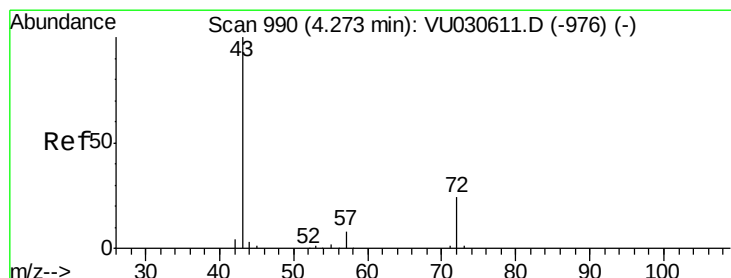
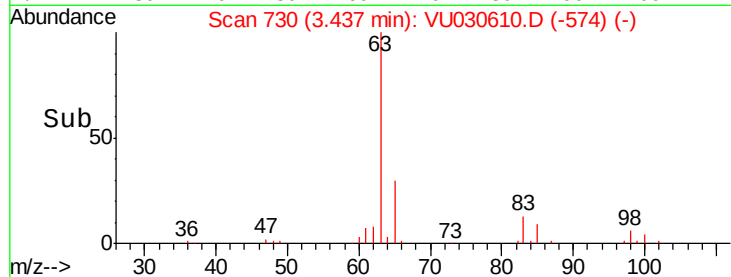
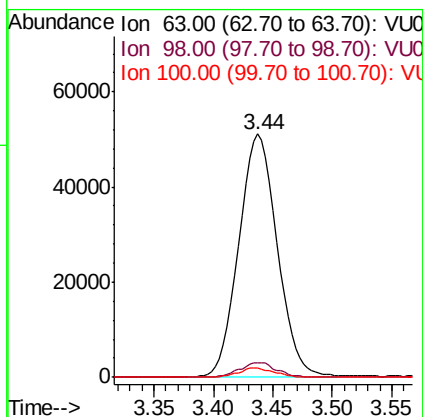
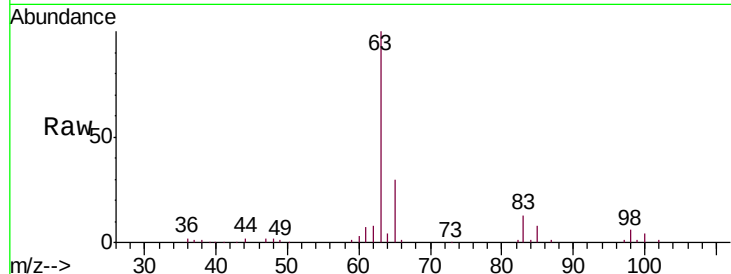




#17
 1,1-Dichloroethane
 Concen: 5.971 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

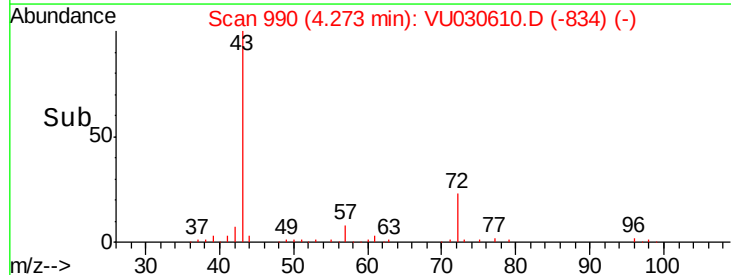
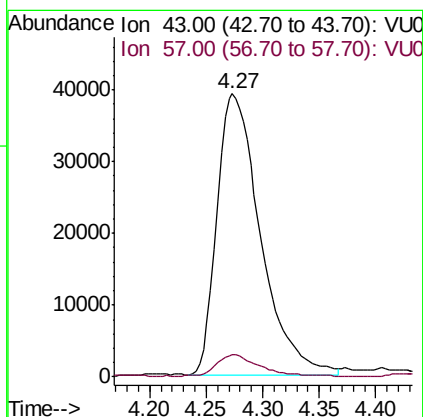
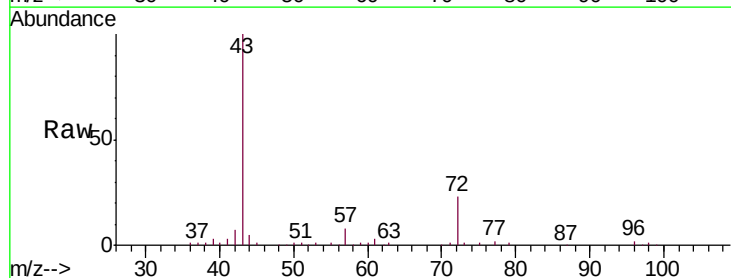
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

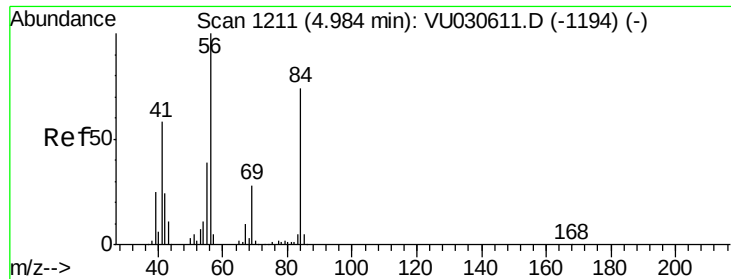
Tgt Ion: 63 Resp: 114848
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.0
 100 3.7 2.0 5.8



#18
 2-Butanone
 Concen: 37.862 ug/l
 RT: 4.27 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 104652
 Ion Ratio Lower Upper
 43 100
 57 8.0 0.0 16.4

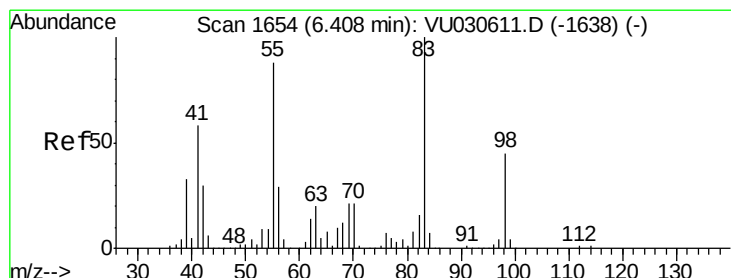
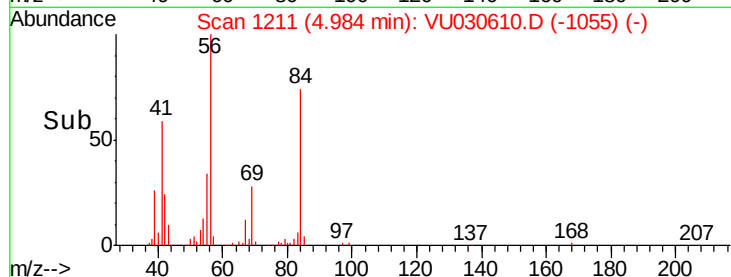
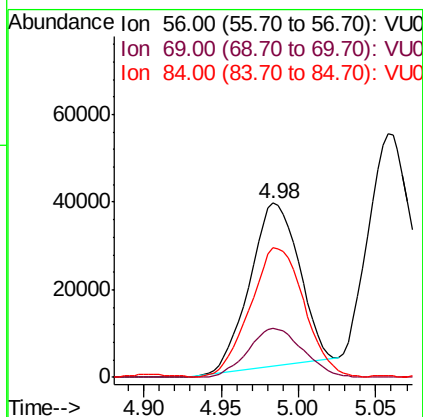
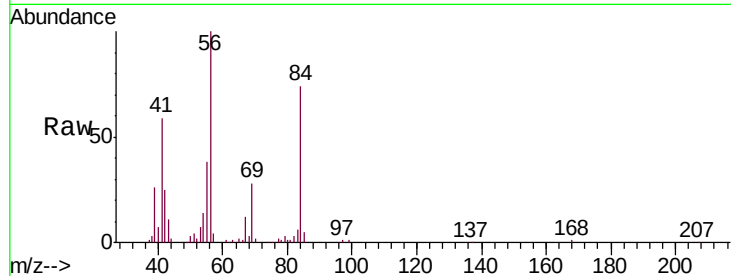




#19
Cyclohexane
Concen: 5.037 ug/l
RT: 4.98 min Scan# 1211
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

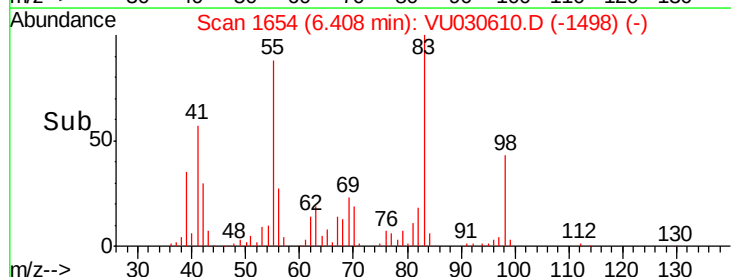
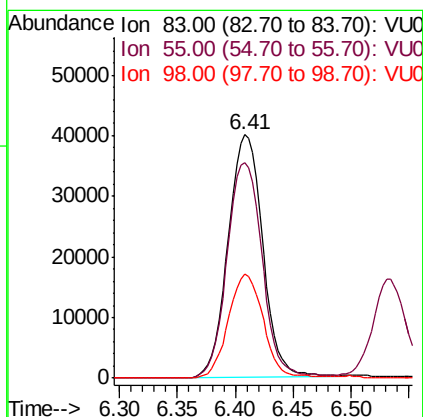
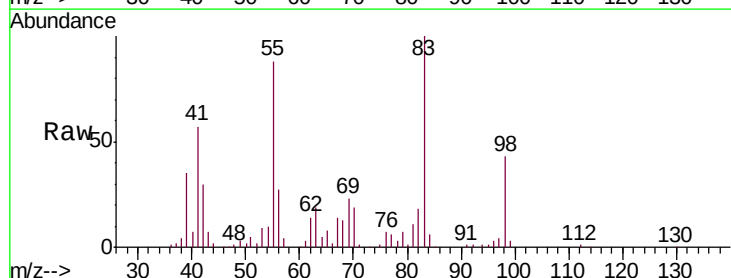
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

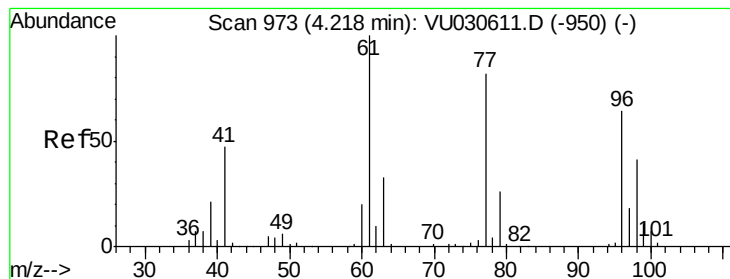
Tgt Ion: 56 Resp: 83016
Ion Ratio Lower Upper
56 100
69 33.8 22.1 33.1#
84 86.1 58.1 87.1



#20
Methylcyclohexane
Concen: 4.784 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 83 Resp: 82753
Ion Ratio Lower Upper
83 100
55 88.3 71.8 107.8
98 43.0 35.5 53.3





#21

2,2-Dichloropropane

Concen: 5.663 ug/l

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

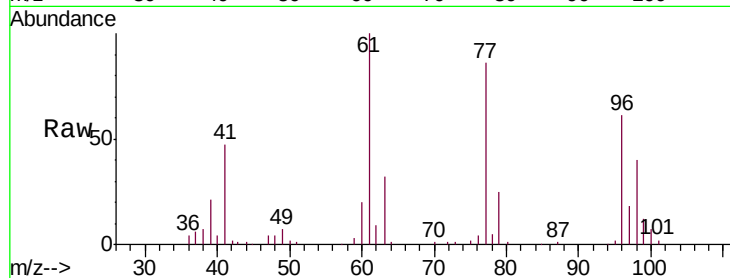
VSTDIC005

Tgt Ion: 77 Resp: 90716

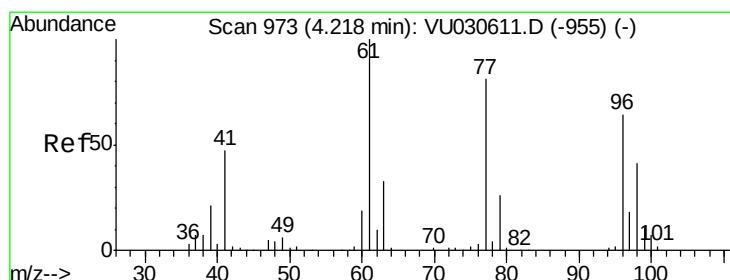
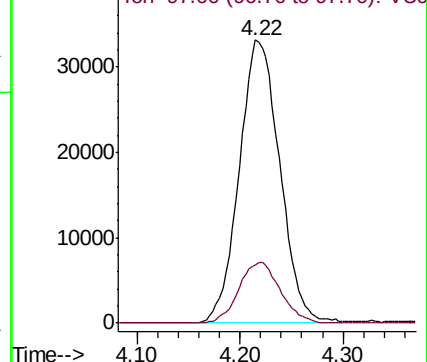
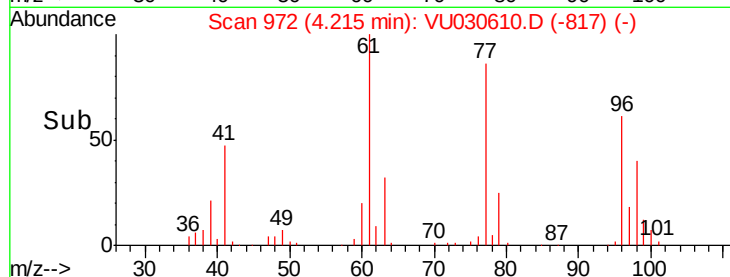
Ion Ratio Lower Upper

77 100

97 21.8 17.4 26.0



Abundance Ion 77.00 (76.70 to 77.70): VU030610.D (-817) (-)



#22

cis-1,2-Dichloroethene

Concen: 5.007 ug/l

RT: 4.22 min Scan# 974

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

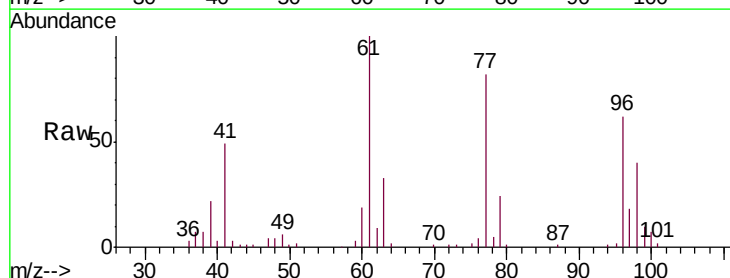
Tgt Ion: 96 Resp: 61021

Ion Ratio Lower Upper

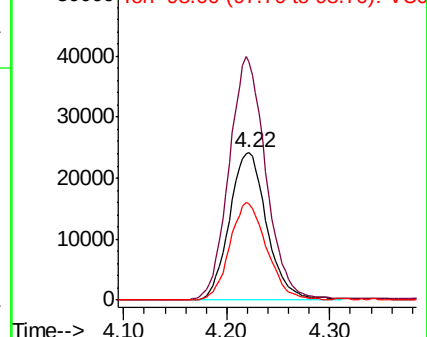
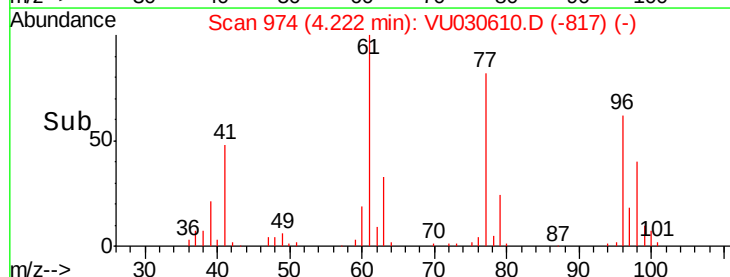
96 100

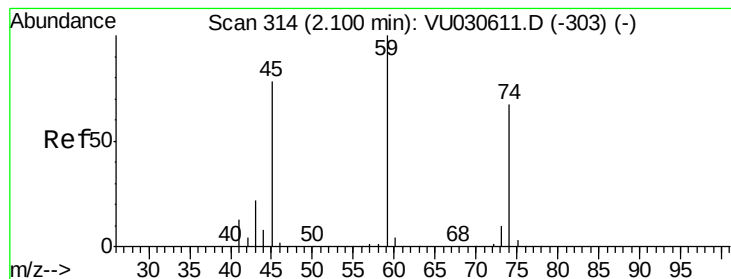
61 162.9 0.0 406.0

98 65.5 31.7 95.1



Abundance Ion 96.00 (95.70 to 96.70): VU030610.D (-817) (-)





#23

Diethyl Ether

Concen: 6.598 ug/l

RT: 2.10 min Scan# 315

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

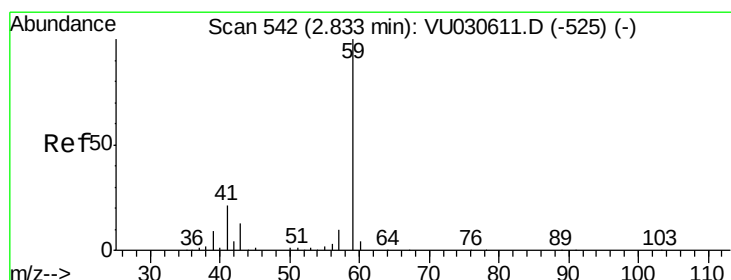
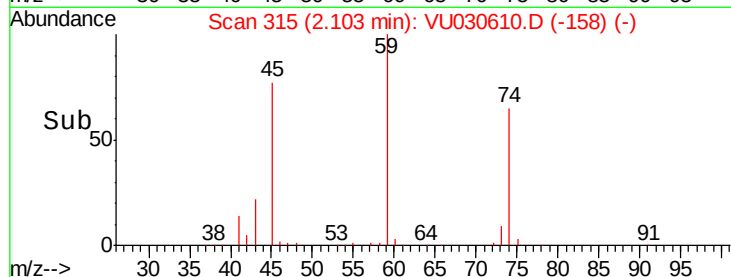
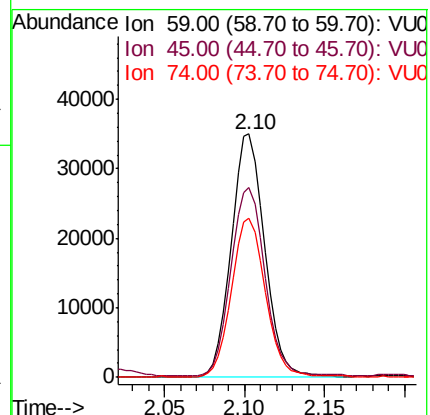
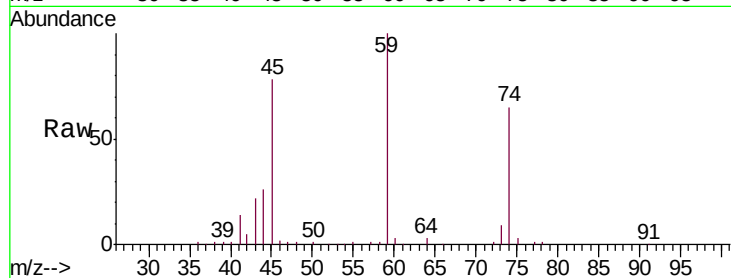
Tgt Ion: 59 Resp: 49741

Ion Ratio Lower Upper

59 100

45 78.9 62.7 94.1

74 66.1 54.3 81.5



#24

tert-Butyl Alcohol

Concen: 71.971 ug/l

RT: 2.83 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU030610.D

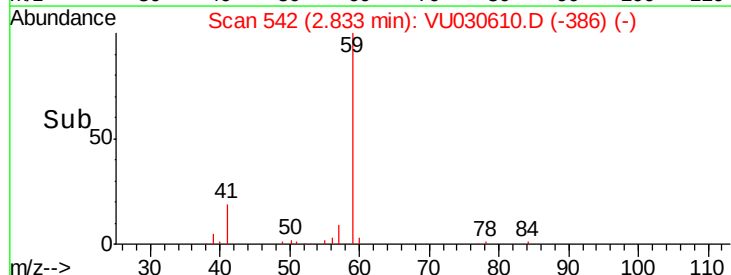
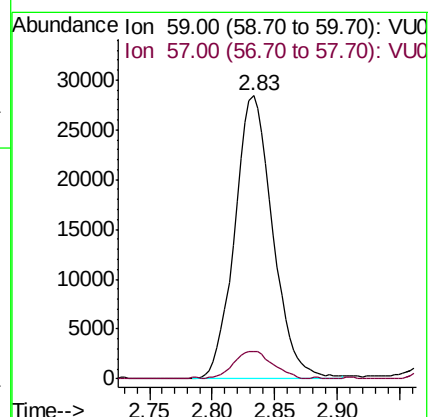
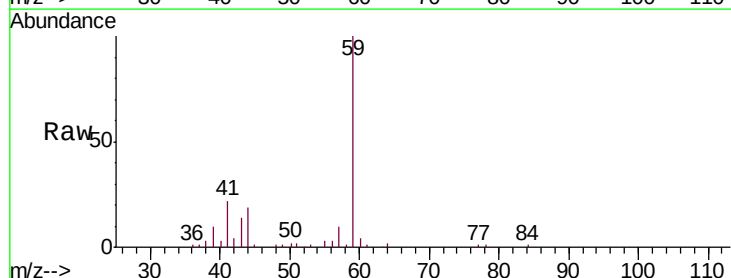
Acq: 02 Apr 2019 19:25

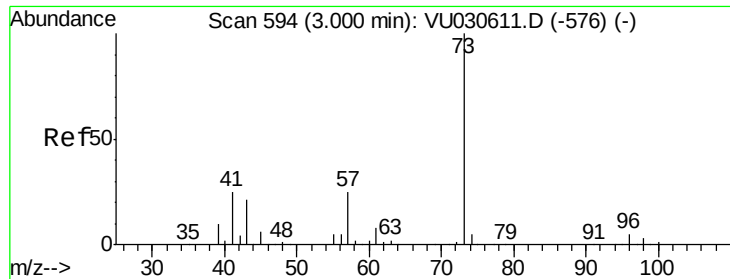
Tgt Ion: 59 Resp: 60060

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4



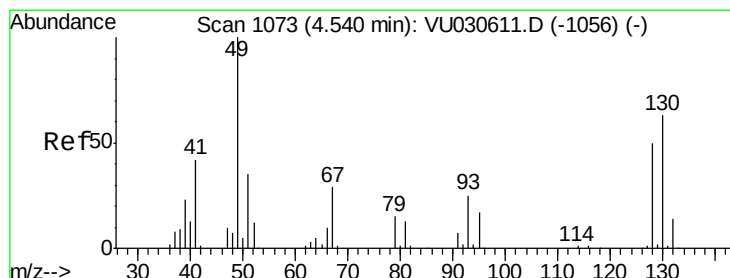
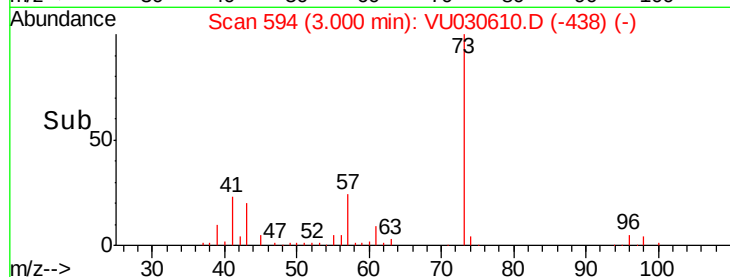
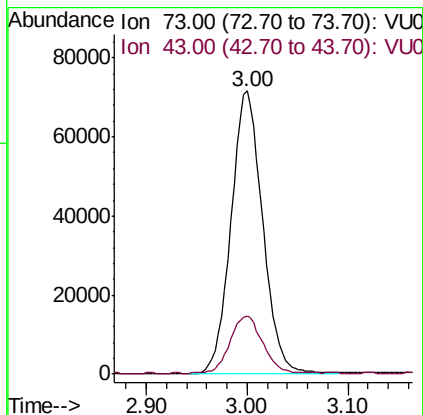
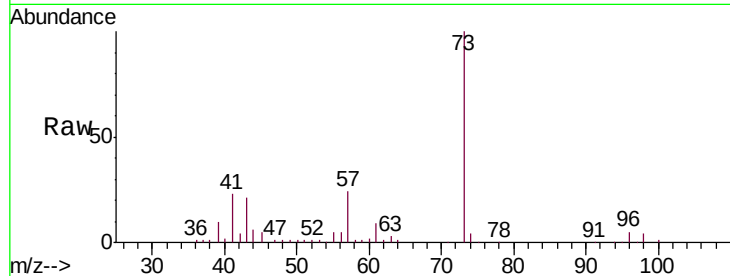


#25

Methyl tert-Butyl Ether
 Concen: 6.257 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

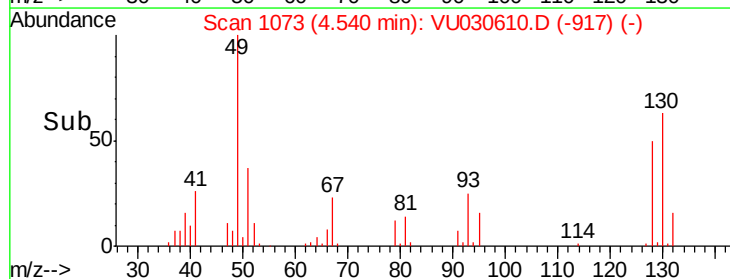
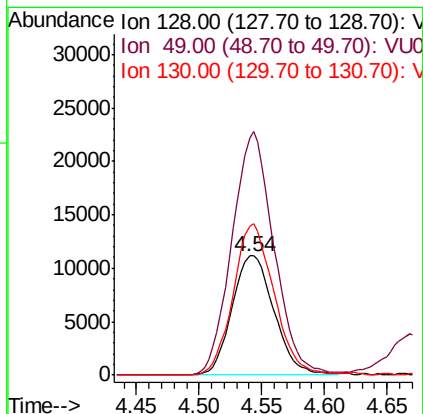
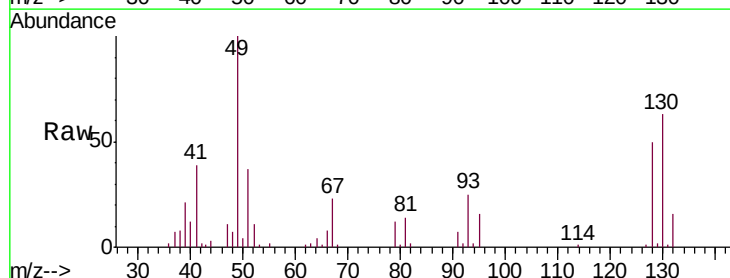
Tgt Ion: 73 Resp: 156656
 Ion Ratio Lower Upper
 73 100
 43 20.2 17.0 25.6

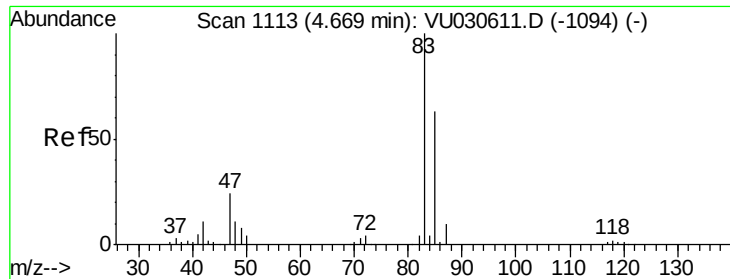


#26

Bromochloromethane
 Concen: 4.903 ug/l
 RT: 4.54 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 128 Resp: 26030
 Ion Ratio Lower Upper
 128 100
 49 204.4 0.0 404.8
 130 123.3 100.2 150.2

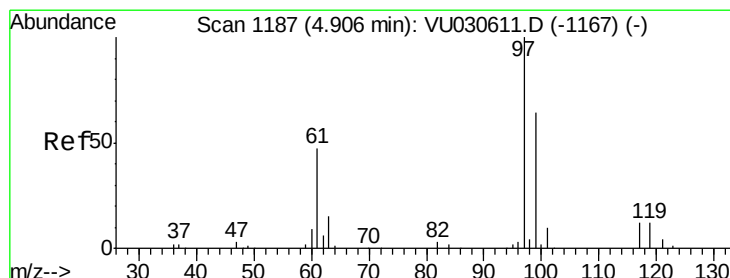
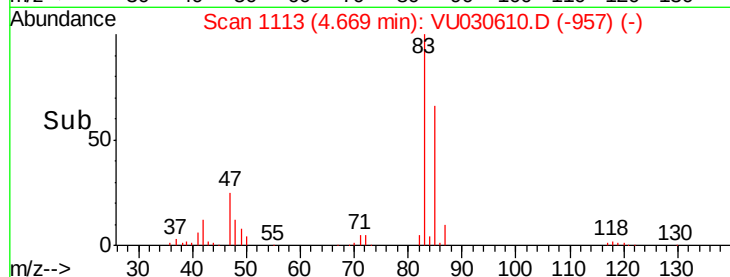
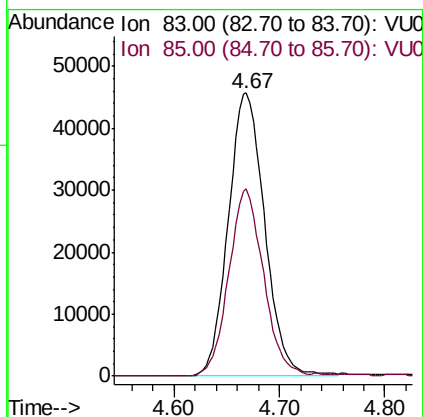
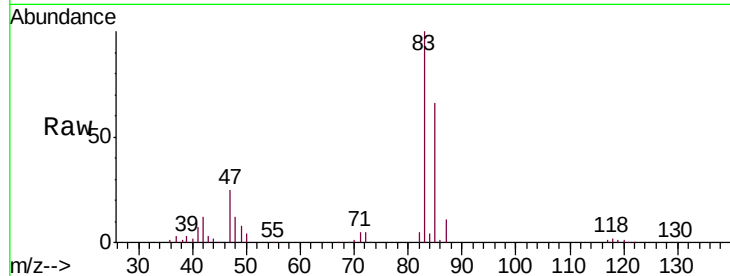




#27
Chloroform
Concen: 5.505 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

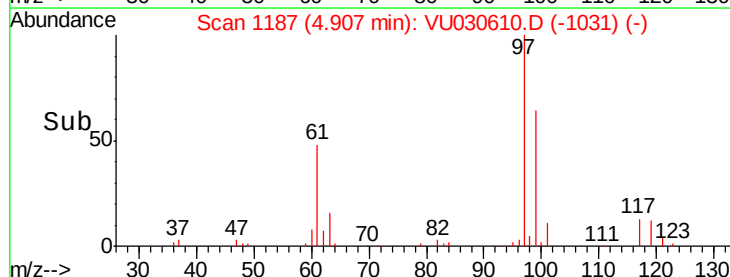
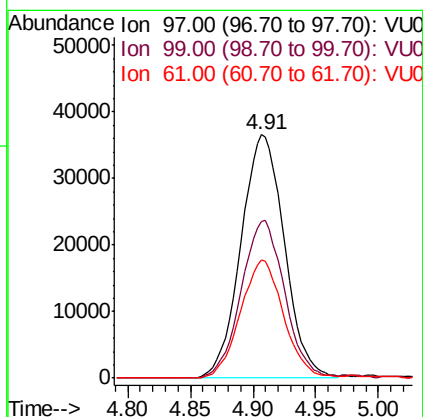
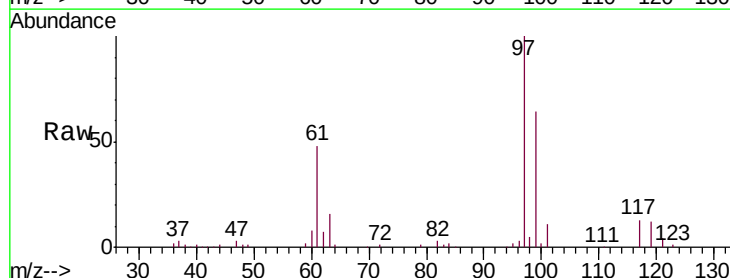
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

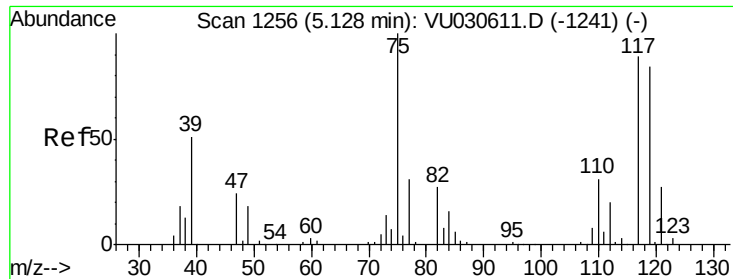
Tgt Ion: 83 Resp: 109625
Ion Ratio Lower Upper
83 100
85 66.2 0.0 126.0



#28
1,1,1-Trichloroethane
Concen: 5.416 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 97 Resp: 88178
Ion Ratio Lower Upper
97 100
99 64.7 31.9 95.9
61 48.0 23.4 70.0

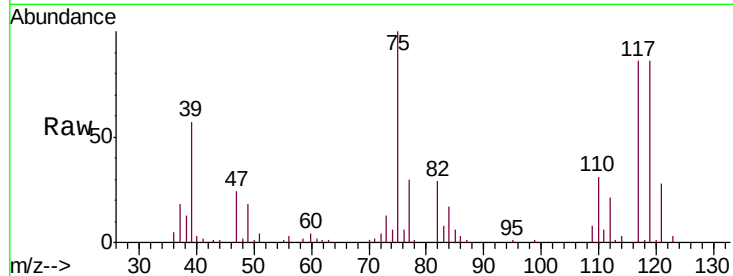




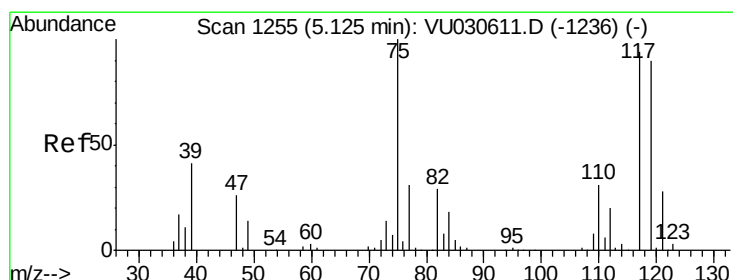
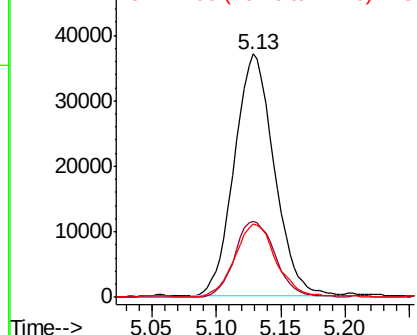
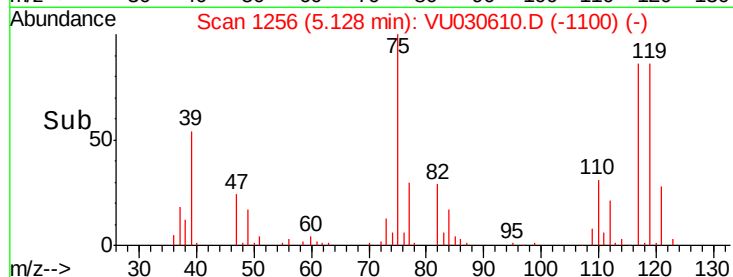
#29
 1,1-Dichloropropene
 Concen: 5.394 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 75 Resp: 79803
 Ion Ratio Lower Upper
 75 100
 110 32.1 16.2 48.5
 77 31.4 24.6 36.8

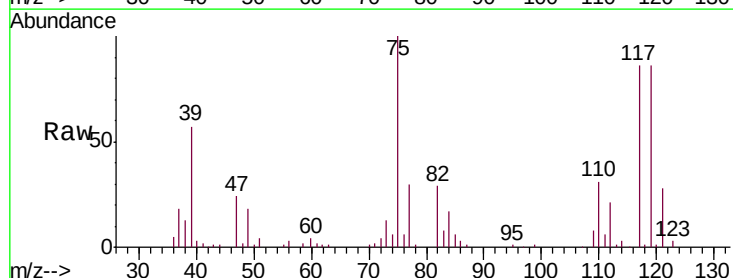


Abundance Ion 75.00 (74.70 to 75.70): VU030610.D (-1100) (-)
 Ion 110.00 (109.70 to 110.70): VU030610.D (-1100) (-)
 Ion 77.00 (76.70 to 77.70): VU030610.D (-1100) (-)

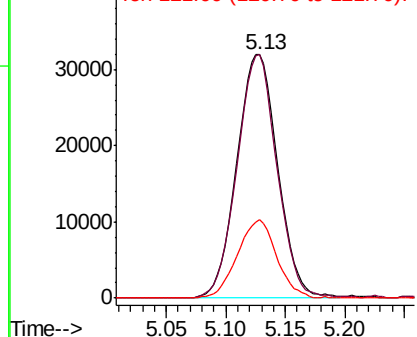
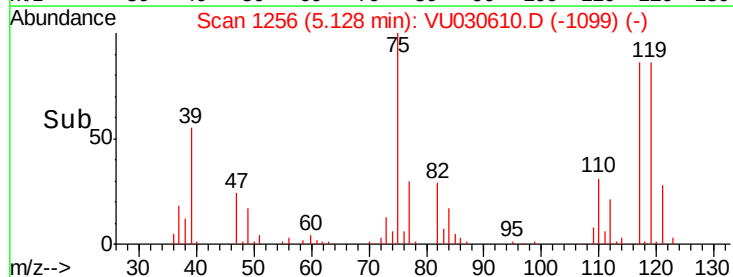


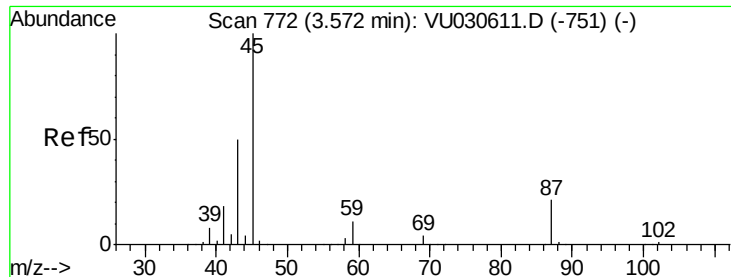
#30
 Carbon Tetrachloride
 Concen: 5.241 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 117 Resp: 76005
 Ion Ratio Lower Upper
 117 100
 119 99.9 75.9 113.9
 121 32.0 24.2 36.2



Abundance Ion 117.00 (116.70 to 117.70): VU030610.D (-1099) (-)
 Ion 119.00 (118.70 to 119.70): VU030610.D (-1099) (-)
 Ion 121.00 (120.70 to 121.70): VU030610.D (-1099) (-)





#31

Isopropyl Ether

Concen: 6.695 ug/l

RT: 3.58 min Scan# 773

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

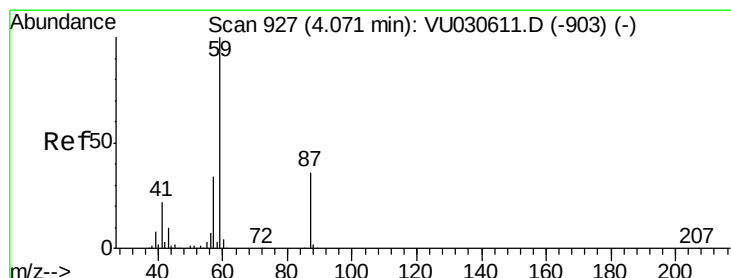
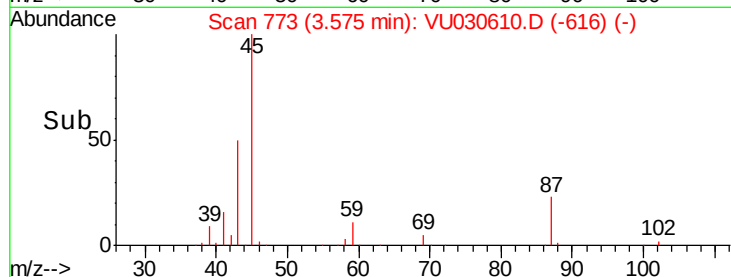
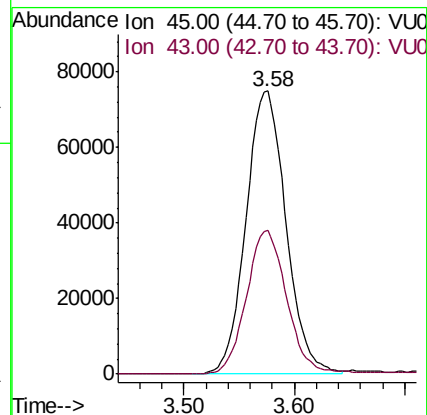
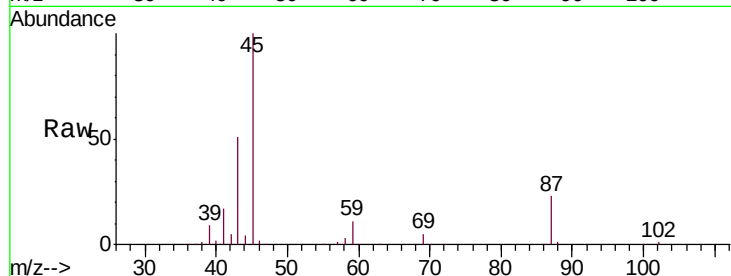
VSTDIC005

Tgt Ion: 45 Resp: 188531

Ion Ratio Lower Upper

45 100

43 51.7 25.0 75.0



#32

Ethyl-t-butyl ether

Concen: 5.789 ug/l

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU030610.D

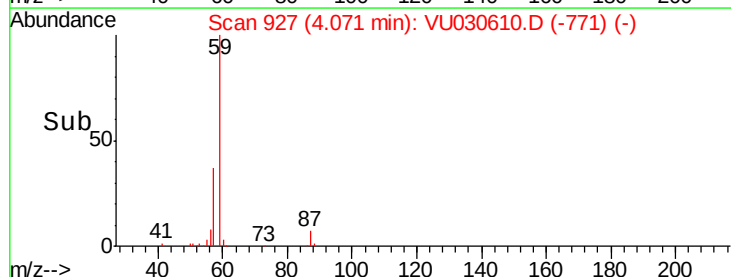
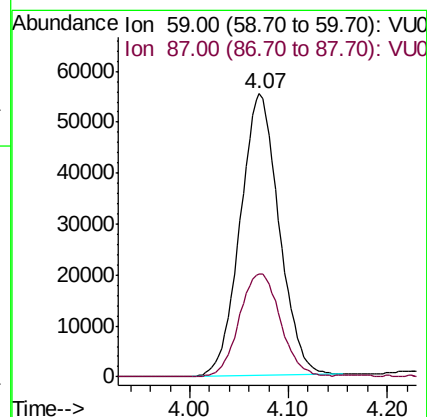
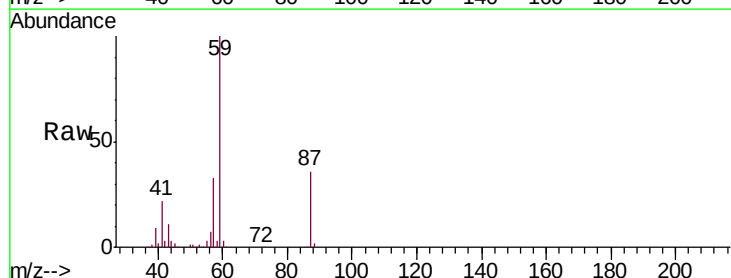
Acq: 02 Apr 2019 19:25

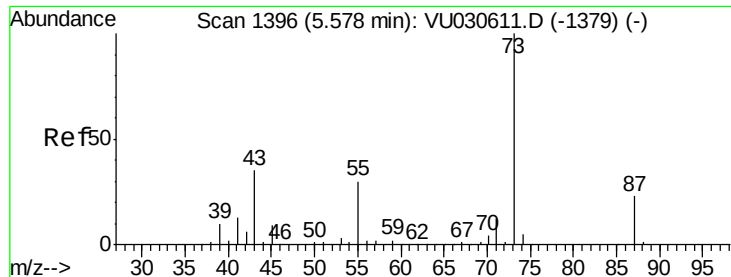
Tgt Ion: 59 Resp: 150956

Ion Ratio Lower Upper

59 100

87 38.3 29.5 44.3

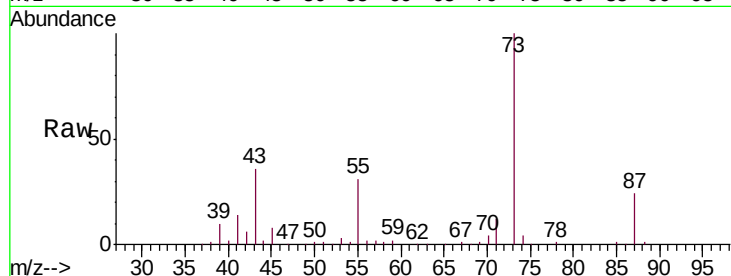




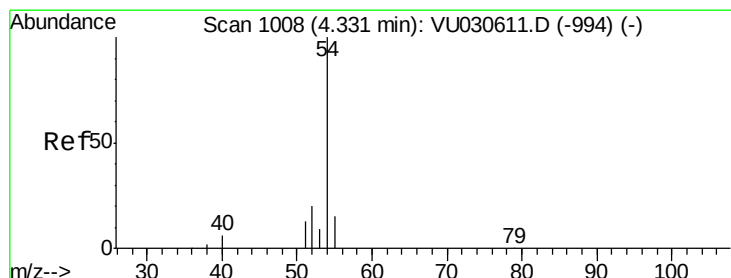
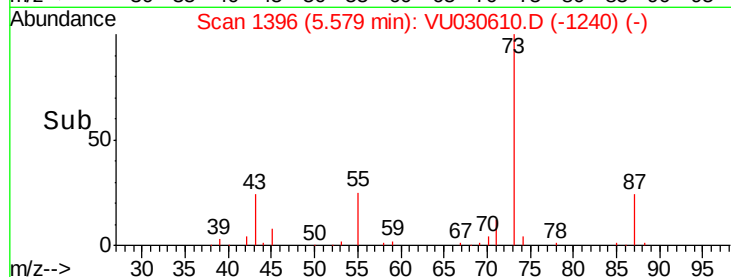
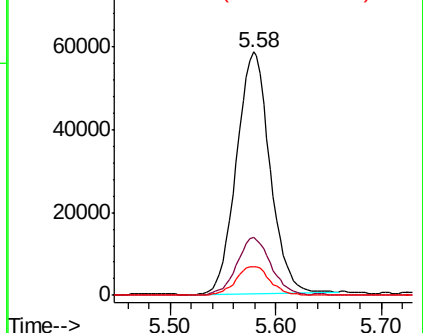
#33
Tert-Amyl methyl ether
Concen: 5.493 ug/l
RT: 5.58 min Scan# 1396
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 128587
Ion Ratio Lower Upper
73 100
87 23.9 18.7 28.1
71 12.2 9.4 14.0

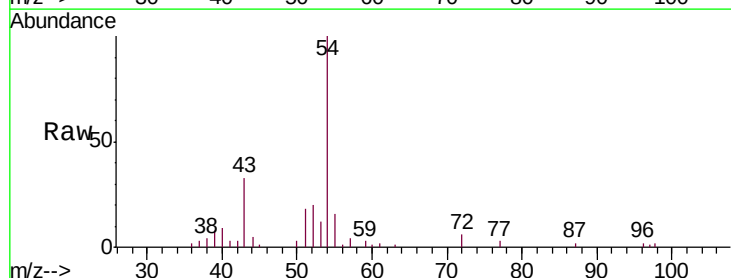


Abundance Ion 73.00 (72.70 to 73.70): VU0
Ion 87.00 (86.70 to 87.70): VU0
Ion 71.00 (70.70 to 71.70): VU0

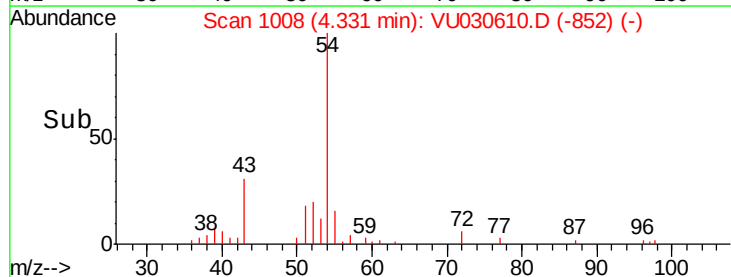
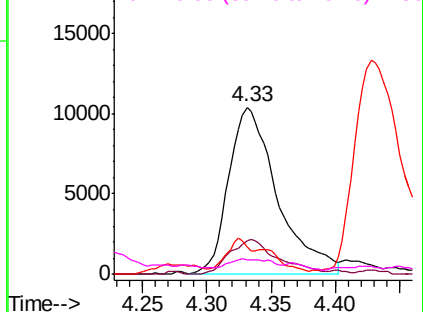


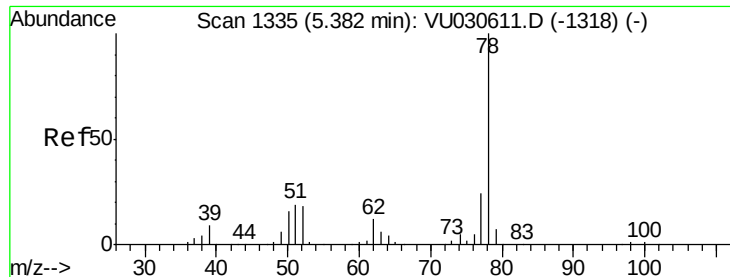
#34
Propionitrile
Concen: 36.340 ug/l
RT: 4.33 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 54 Resp: 27443
Ion Ratio Lower Upper
54 100
52 20.1 15.3 22.9
55 8.3 11.4 17.0#
40 4.3 4.6 6.8#



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: 5.414 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

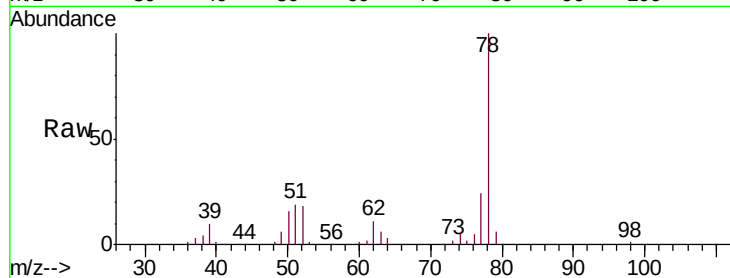
VSTDIC005

Tgt Ion: 78 Resp: 234178

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.2



Abundance Ion 78.10 (77.80 to 78.80): VU030610.D (-1318) (-)

Ion 77.00 (76.70 to 77.70): VU030610.D (-1318) (-)

5.38

120000

100000

80000

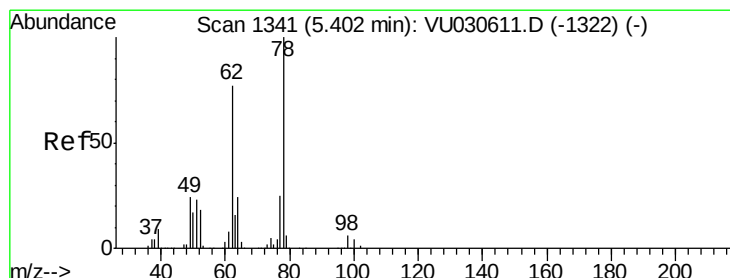
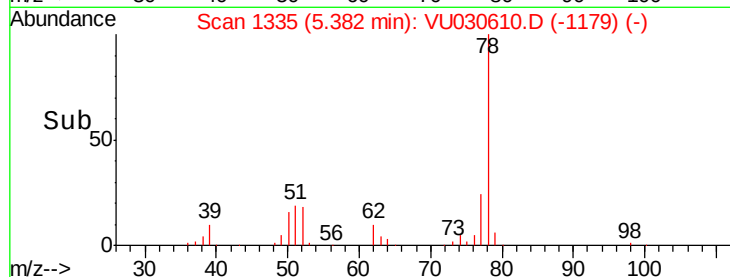
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 6.215 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU030610.D

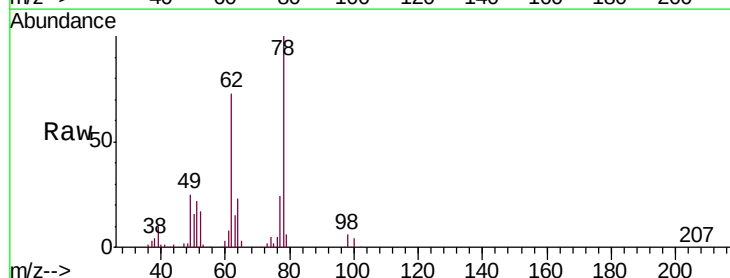
Acq: 02 Apr 2019 19:25

Tgt Ion: 62 Resp: 74635

Ion Ratio Lower Upper

62 100

98 8.5 6.5 9.7



Abundance Ion 62.00 (61.70 to 62.70): VU030610.D (-1322) (-)

Ion 98.00 (97.70 to 98.70): VU030610.D (-1322) (-)

5.40

40000

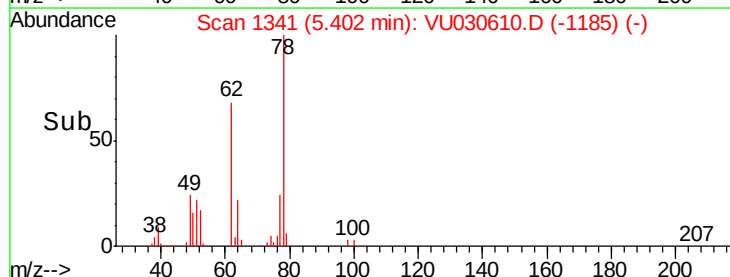
30000

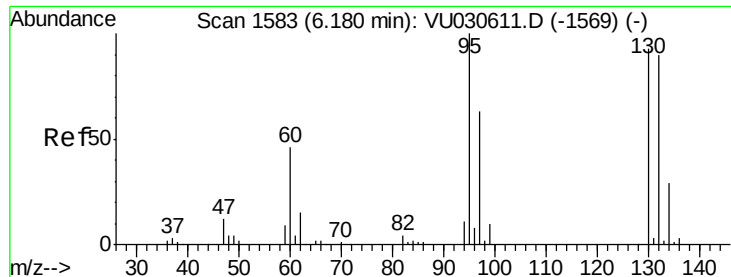
20000

10000

0

Time-->

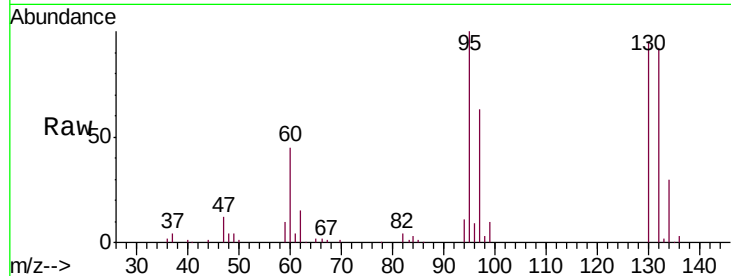




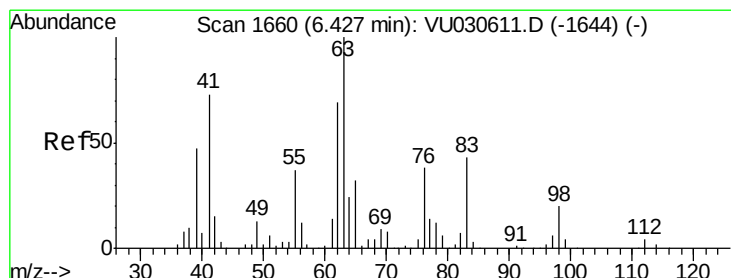
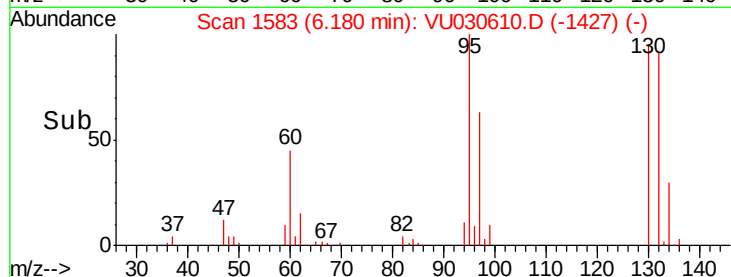
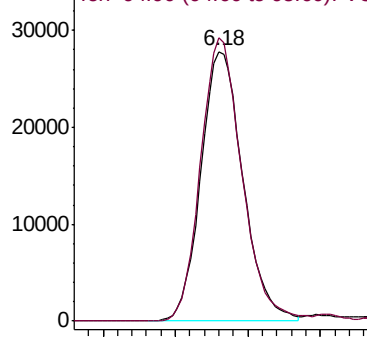
#37
 Trichloroethene
 Concen: 4.643 ug/l
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:130 Resp: 56155
 Ion Ratio Lower Upper
 130 100
 95 105.1 85.7 128.5

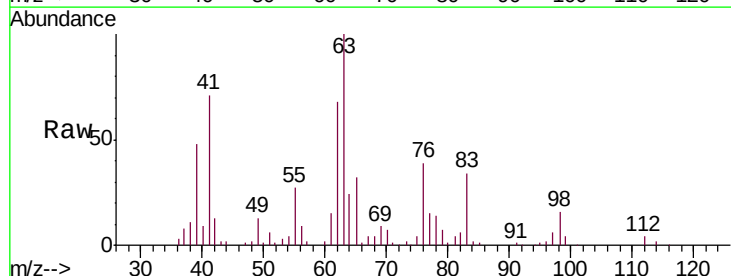


Abundance Ion 129.90 (129.60 to 130.60): VU030610.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU030610.D (-1569) (-)

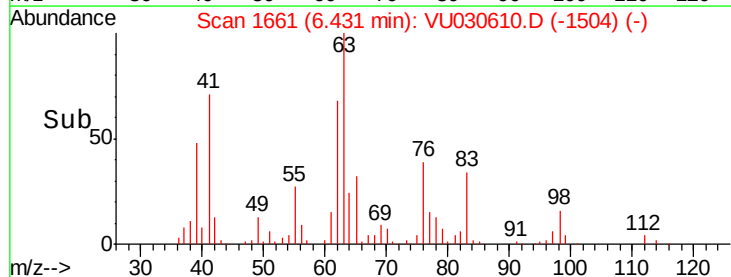
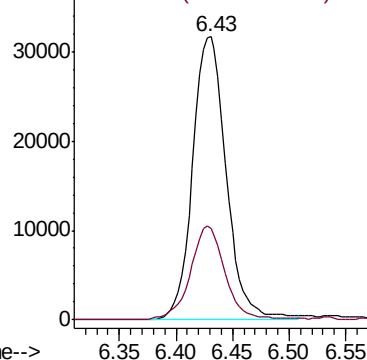


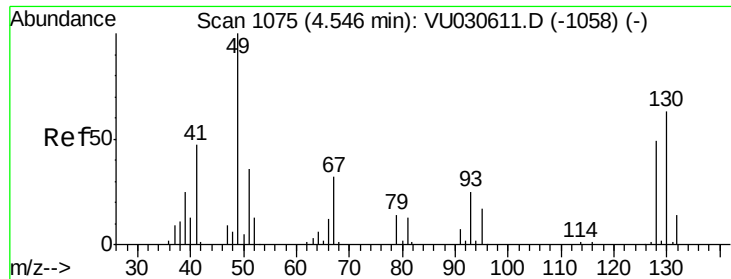
#38
 1,2-Dichloropropane
 Concen: 5.839 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 63 Resp: 65735
 Ion Ratio Lower Upper
 63 100
 65 32.1 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU030610.D (-1504) (-)
 Ion 65.00 (64.70 to 65.70): VU030610.D (-1504) (-)

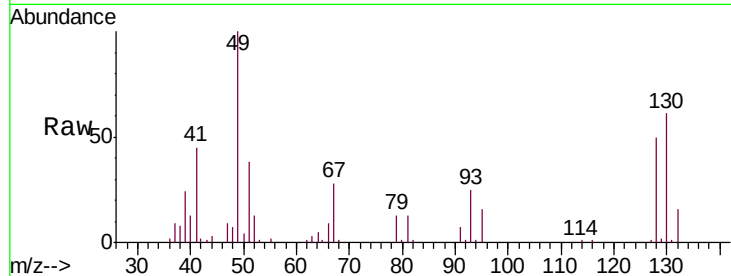




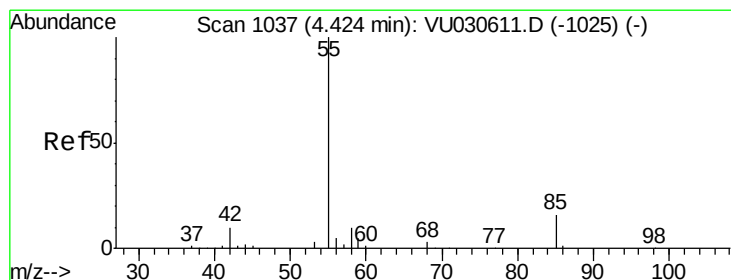
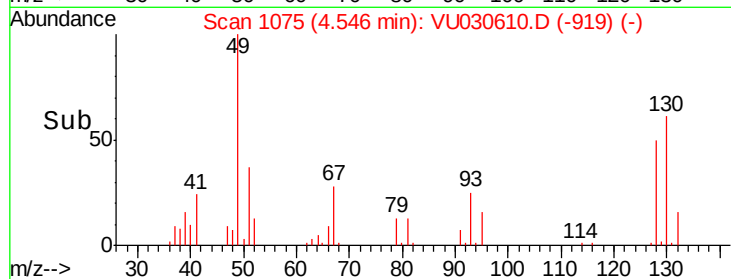
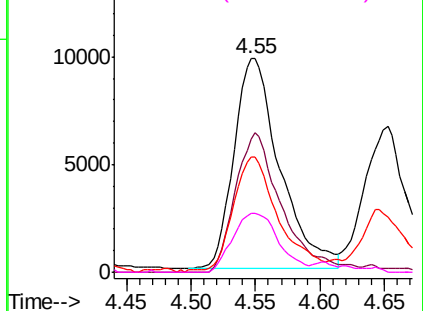
#39
Methacrylonitrile
Concen: 7.189 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:	41	Resp:	24280
Ion	Ratio	Lower	Upper
41	100		
67	66.8	54.1	81.1
39	54.3	41.7	62.5
52	28.1	23.8	35.6

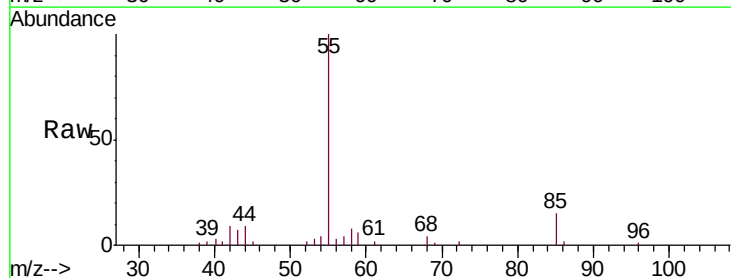


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

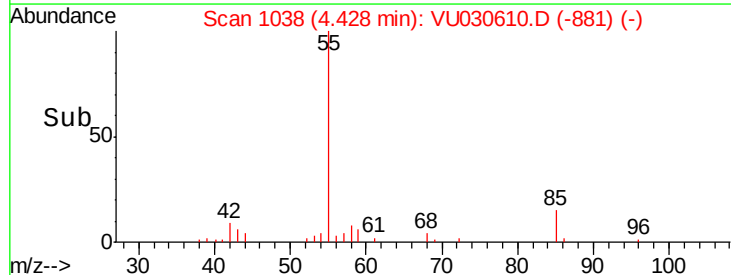
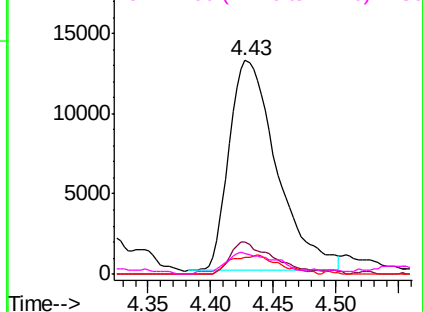


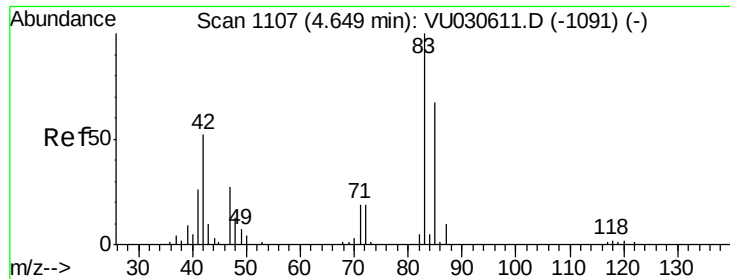
#40
Methyl acrylate
Concen: 6.816 ug/l
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion:	55	Resp:	34922
Ion	Ratio	Lower	Upper
55	100		
85	13.4	12.5	18.7
58	9.0	7.5	11.3
42	10.6	8.6	13.0



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: 13.373 ug/l

RT: 4.65 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

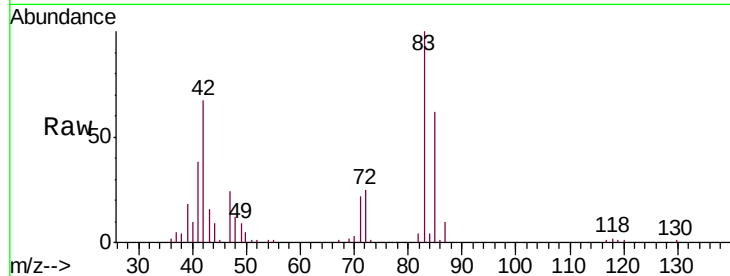
Tgt Ion: 42 Resp: 24915

Ion Ratio Lower Upper

42 100

72 42.3 29.8 44.8

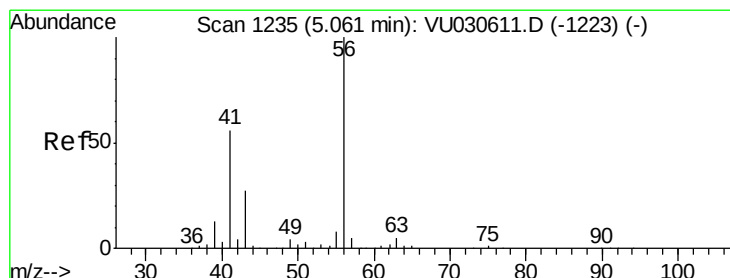
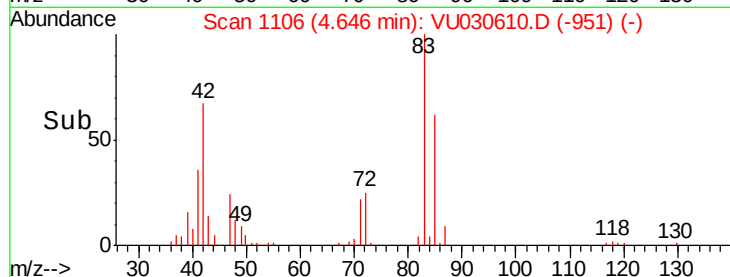
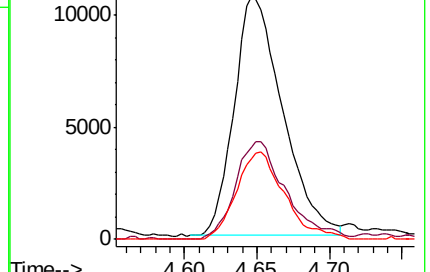
71 36.1 27.7 41.5



Abundance Ion 42.00 (41.70 to 42.70): VU030610.D (-951) (-)

Ion 72.00 (71.70 to 72.70): VU030610.D (-951) (-)

Ion 71.00 (70.70 to 71.70): VU030610.D (-951) (-)



#42

1-Chlorobutane

Concen: 6.026 ug/l

RT: 5.06 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VU030610.D

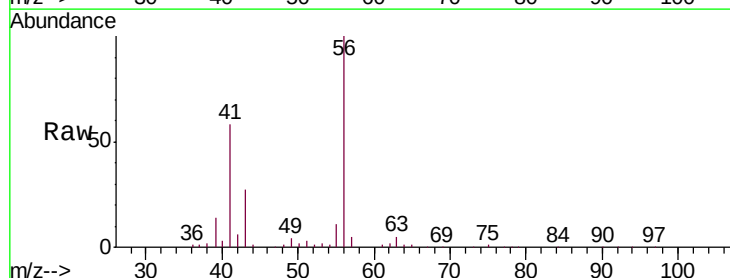
Acq: 02 Apr 2019 19:25

Tgt Ion: 56 Resp: 120594

Ion Ratio Lower Upper

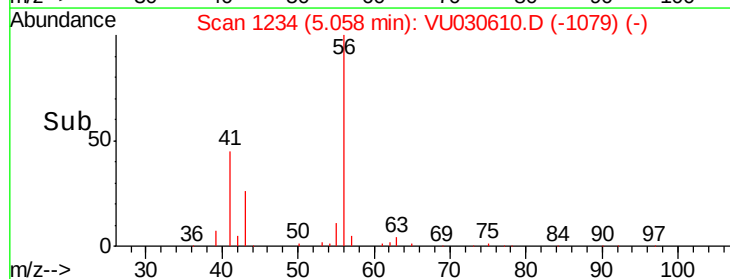
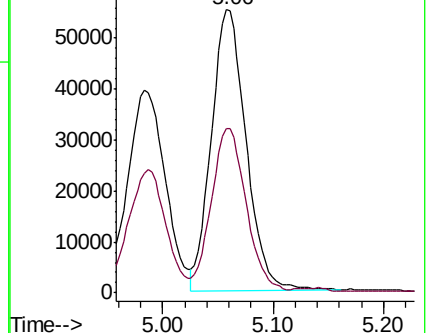
56 100

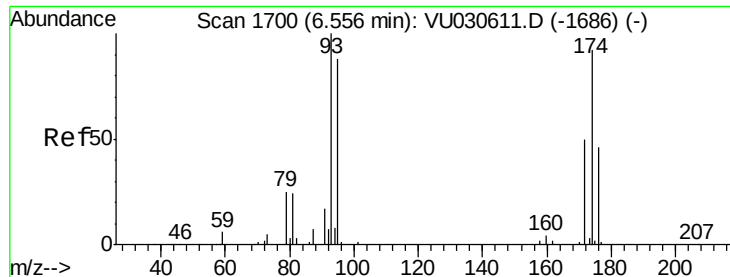
41 57.0 27.6 82.8



Abundance Ion 56.00 (55.70 to 56.70): VU030610.D (-1079) (-)

Ion 41.00 (40.70 to 41.70): VU030610.D (-1079) (-)





#43

Dibromomethane

Concen: 5.277 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

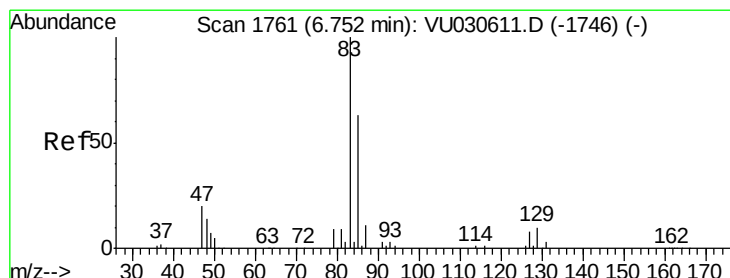
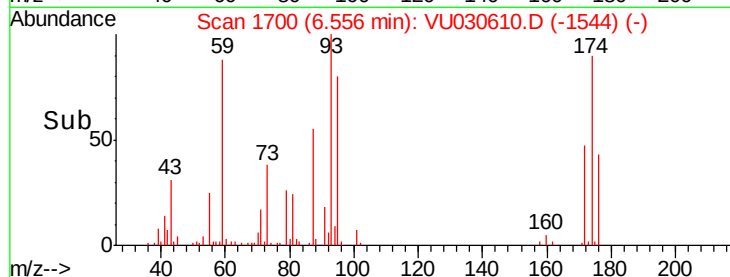
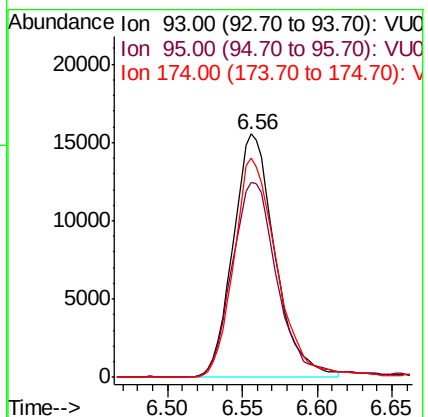
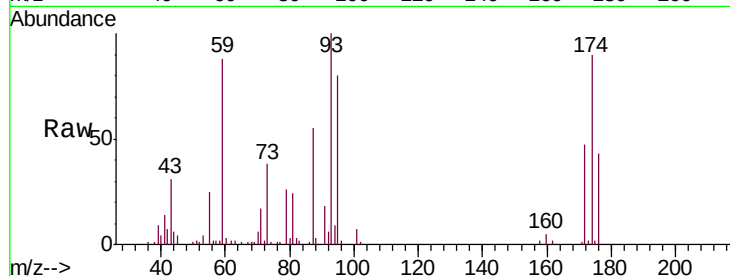
Tgt Ion: 93 Resp: 30284

Ion Ratio Lower Upper

93 100

95 86.7 65.7 98.5

174 93.1 70.3 105.5



#44

Bromodichloromethane

Concen: 5.834 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

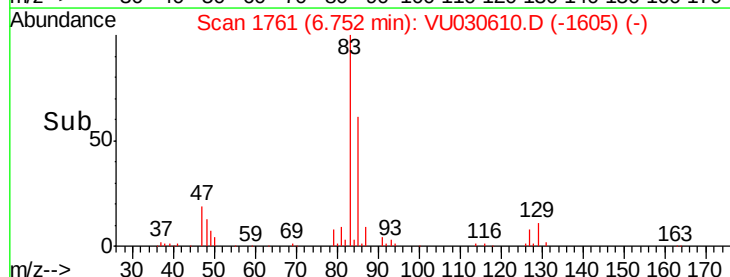
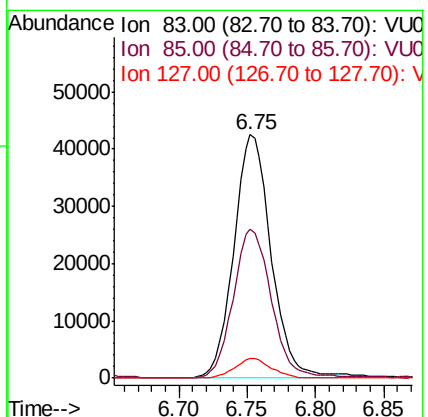
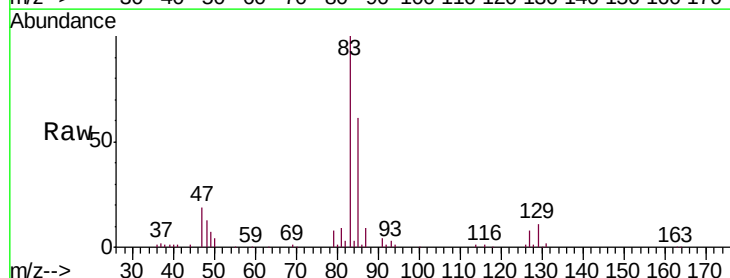
Tgt Ion: 83 Resp: 80575

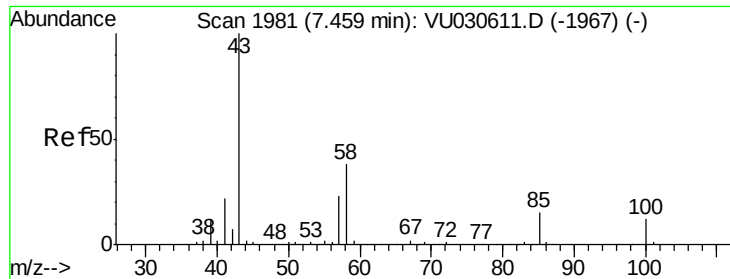
Ion Ratio Lower Upper

83 100

85 61.4 50.6 76.0

127 7.9 6.6 10.0

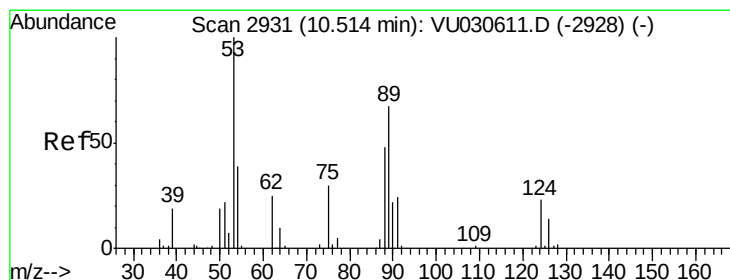
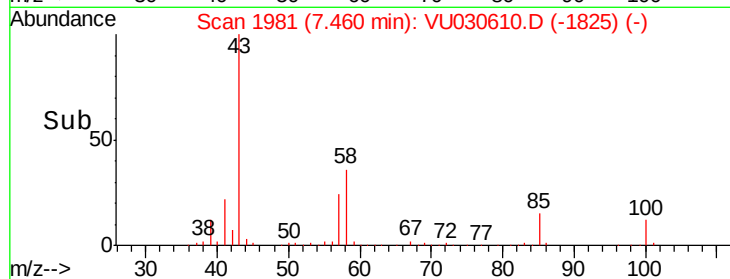
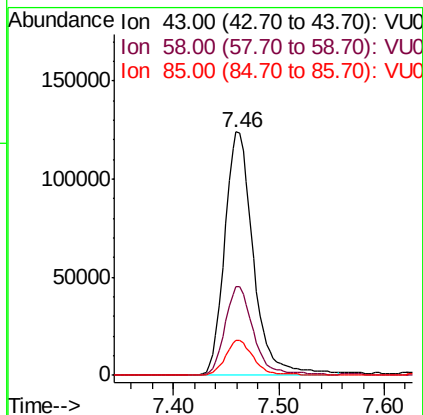
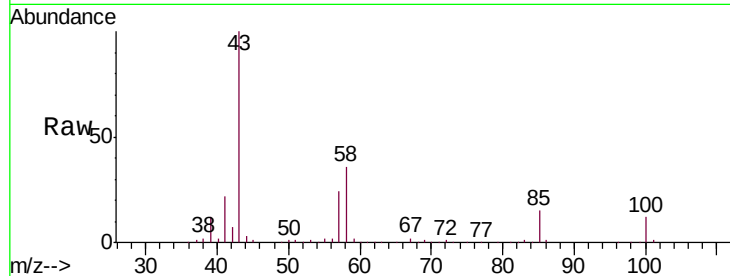




#45
4-Methyl-2-Pentanone
Concen: 37.570 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

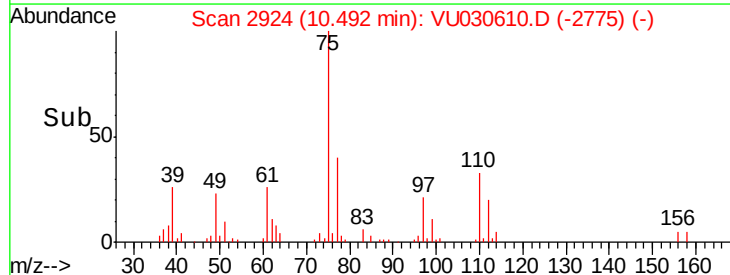
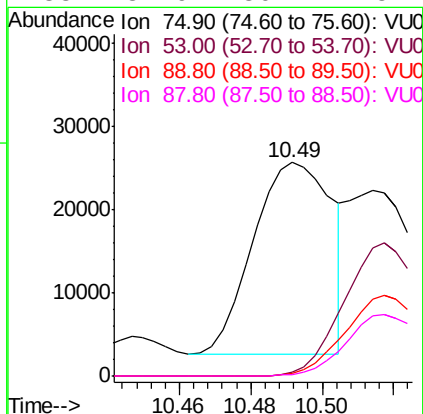
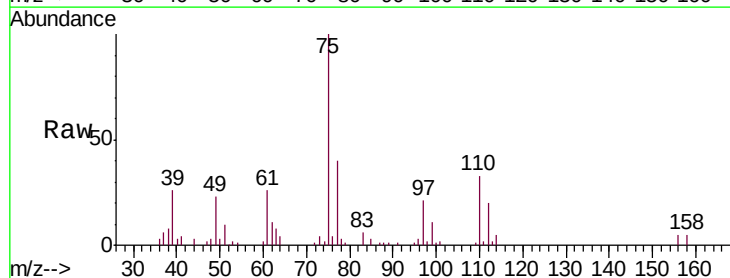
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

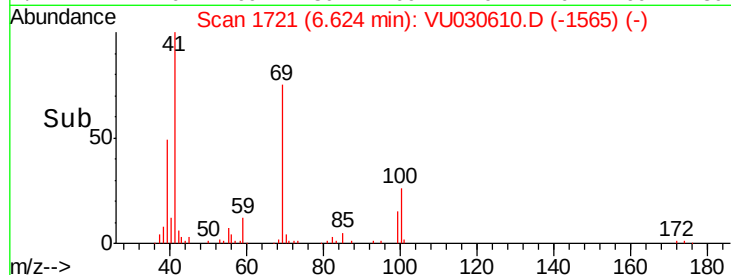
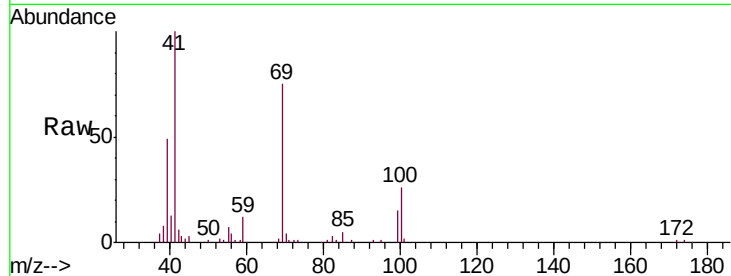
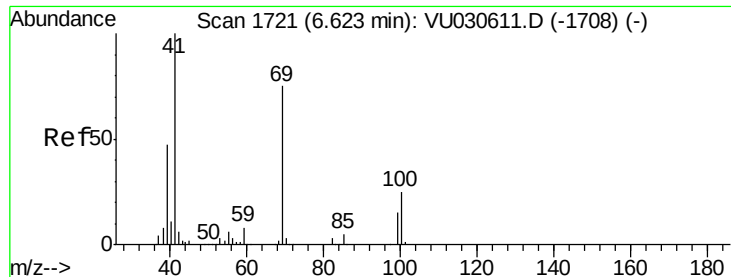
Tgt Ion: 43 Resp: 233484
Ion Ratio Lower Upper
43 100
58 36.5 18.6 55.8
85 14.2 11.6 17.4



#46
t-1,4-Dichloro-2-butene
Concen: 15.595 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 75 Resp: 35338
Ion Ratio Lower Upper
75 100
53 75.1 64.3 96.5
89 44.5 40.8 61.2
88 34.9 30.2 45.2





#47

Methyl methacrylate

Concen: 12.766 ug/l

RT: 6.62 min Scan# 1721

Delta R.T. 0.00 min

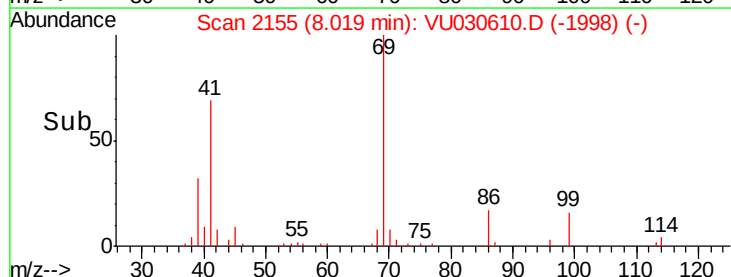
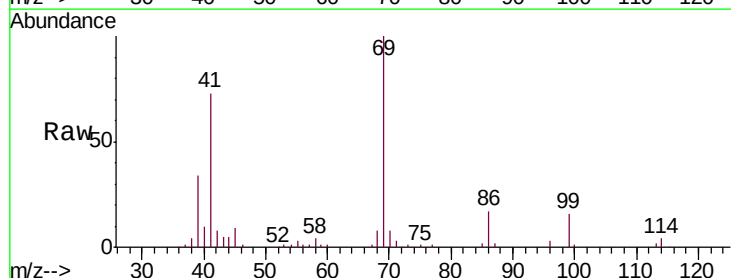
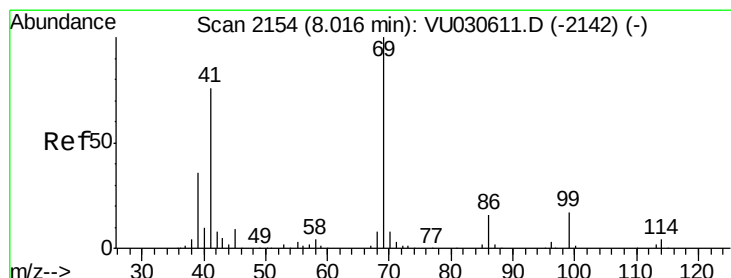
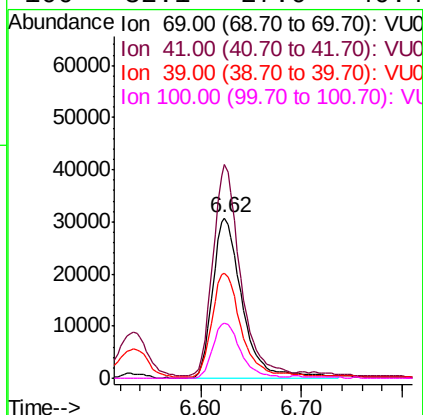
Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 62992

Ion	Ratio	Lower	Upper
69	100		
41	120.2	0.0	263.2
39	61.6	50.7	76.1
100	32.1	27.0	40.4



#48

Ethyl methacrylate

Concen: 6.205 ug/l

RT: 8.02 min Scan# 2155

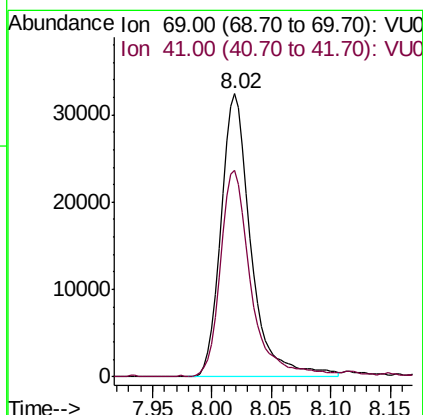
Delta R.T. 0.00 min

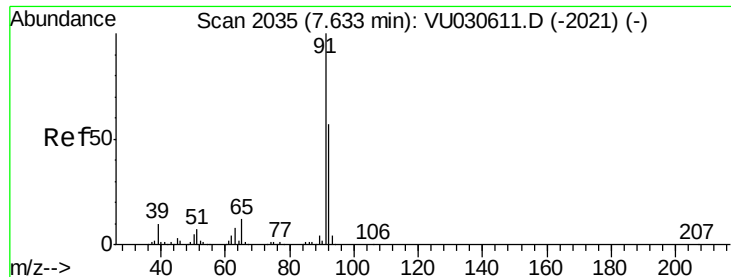
Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Tgt Ion: 69 Resp: 56744

Ion	Ratio	Lower	Upper
69	100		
41	73.0	37.3	111.9





#49

Toluene

Concen: 5.097 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

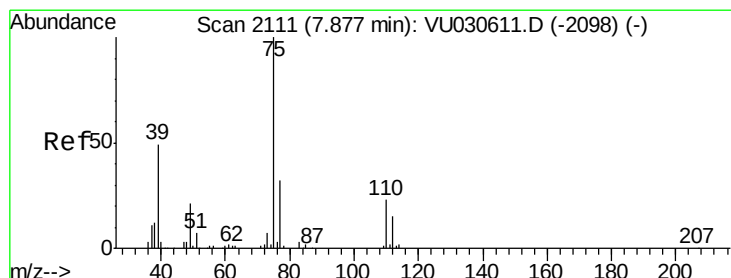
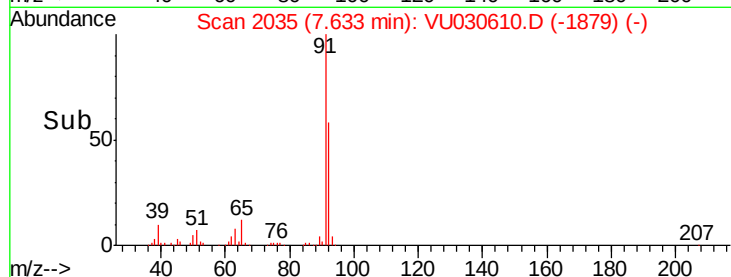
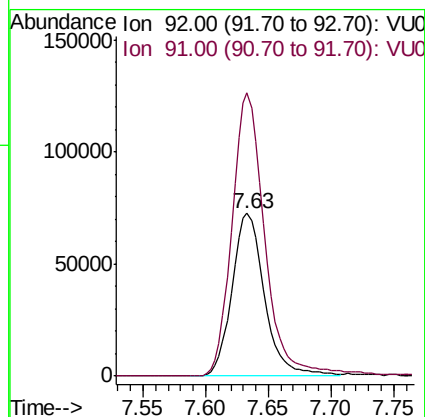
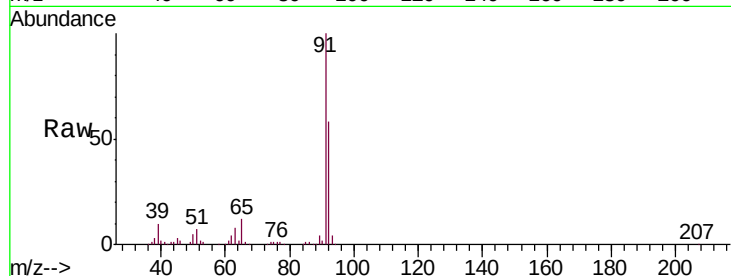
VSTDIC005

Tgt Ion: 92 Resp: 131040

Ion Ratio Lower Upper

92 100

91 175.8 142.1 213.1



#50

t-1,3-Dichloropropene

Concen: 5.901 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU030610.D

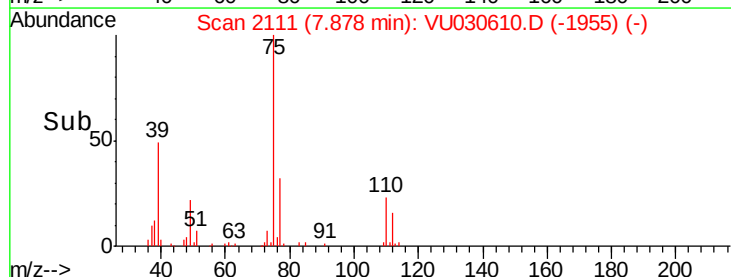
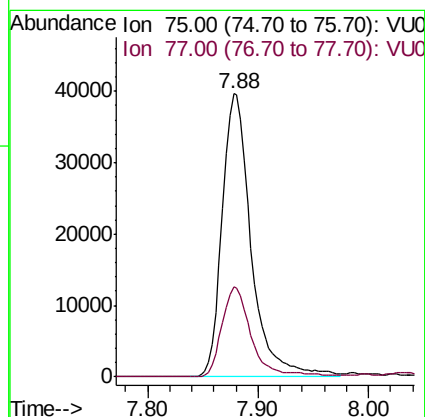
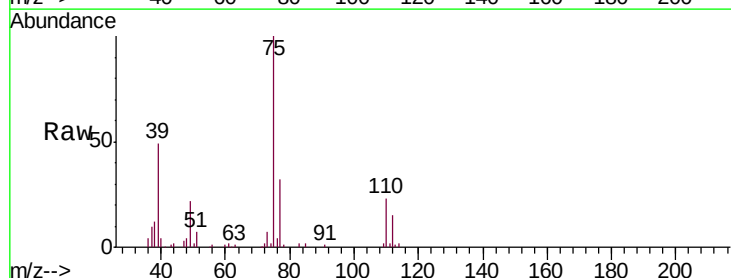
Acq: 02 Apr 2019 19:25

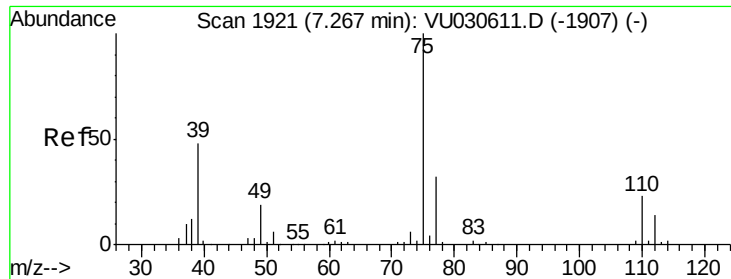
Tgt Ion: 75 Resp: 72758

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



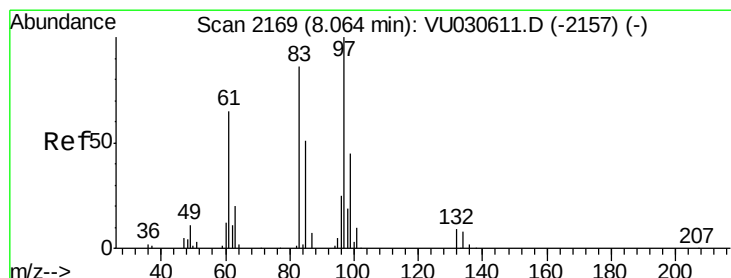
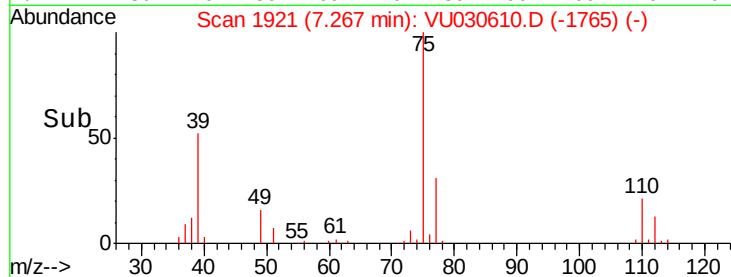
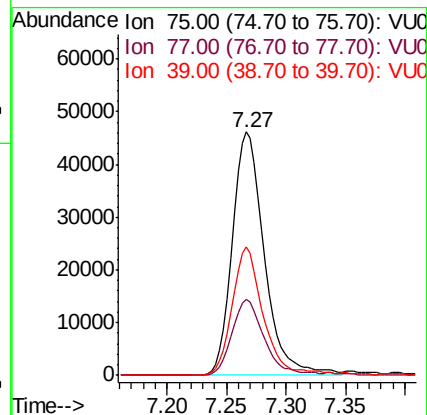
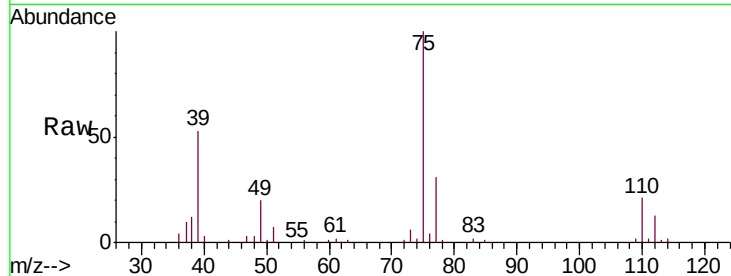


#51

cis-1,3-Dichloropropene
Concen: 5.613 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

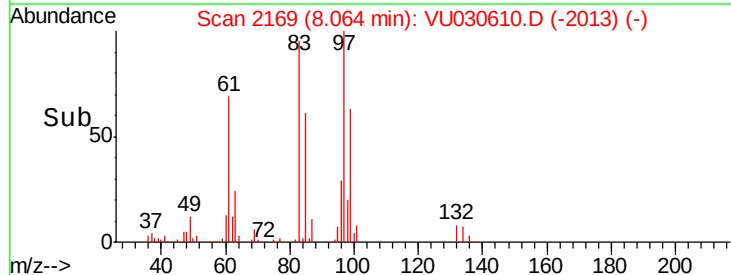
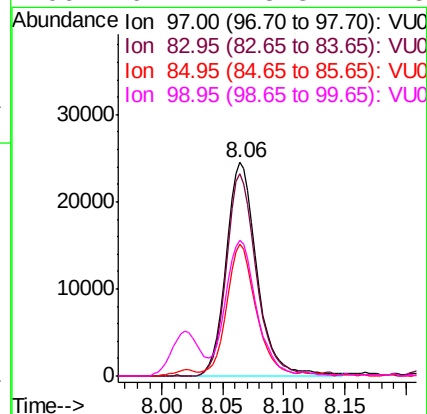
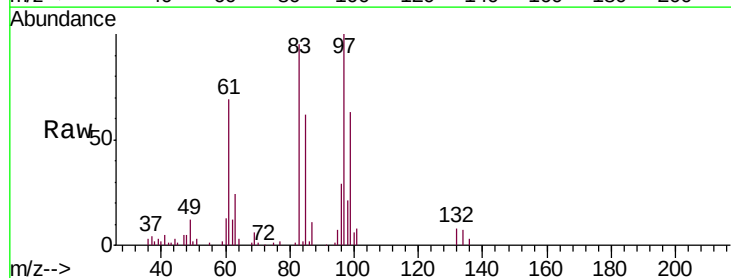
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.4	38.0
39	52.3	38.5	57.7

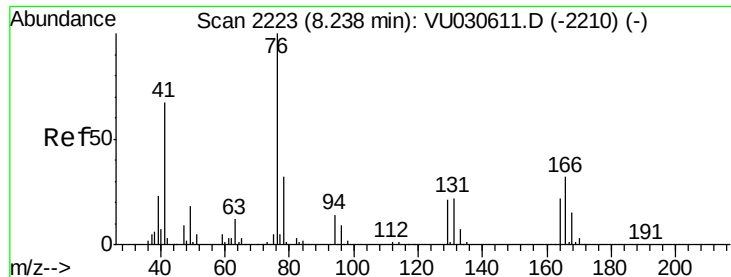


#52

1,1,2-Trichloroethane
Concen: 5.406 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.8	68.6	103.0
85	61.3	41.8	62.8
99	62.7	48.3	72.5

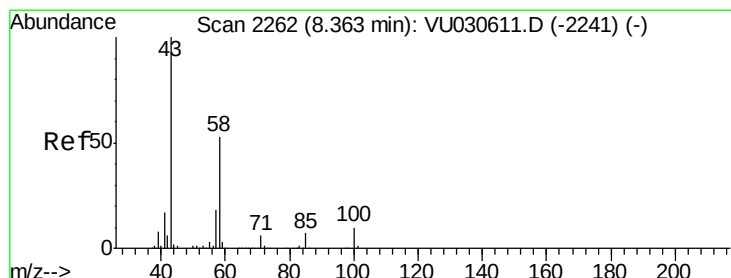
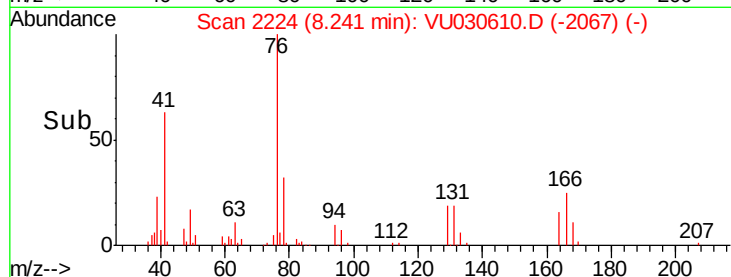
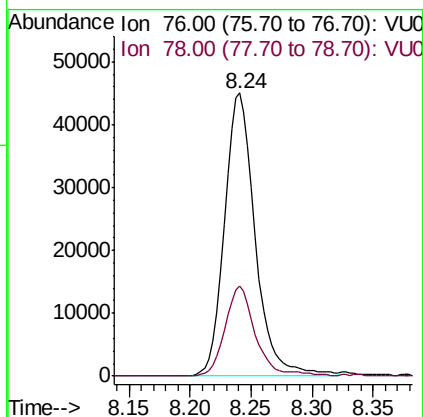
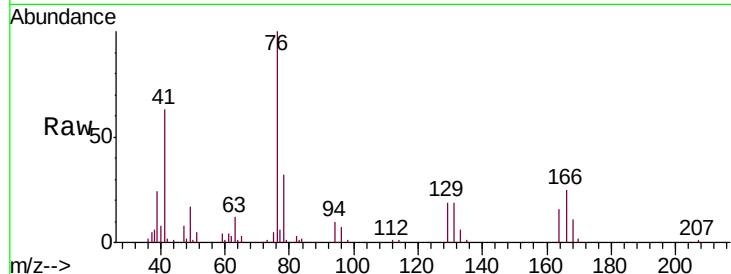




#53
 1,3-Dichloropropane
 Concen: 5.827 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

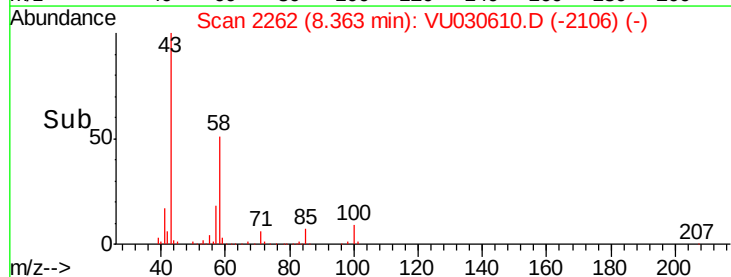
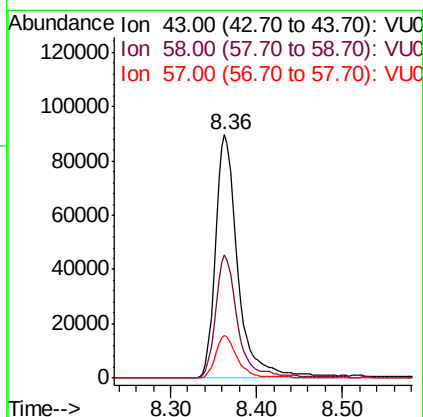
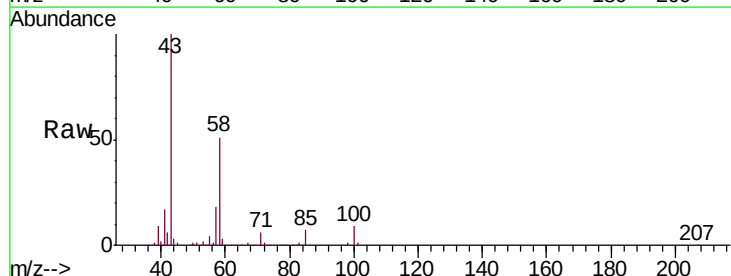
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

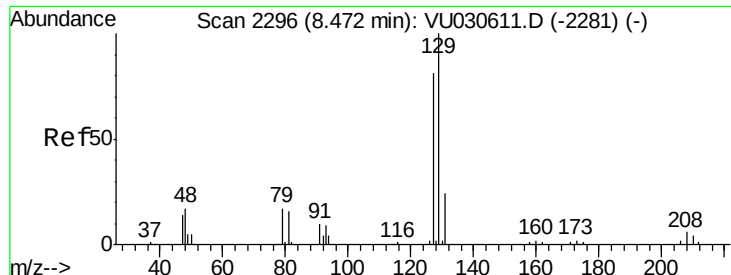
Tgt Ion: 76 Resp: 79783
 Ion Ratio Lower Upper
 76 100
 78 30.3 25.2 37.8



#54
 2-Hexanone
 Concen: 36.907 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 43 Resp: 162746
 Ion Ratio Lower Upper
 43 100
 58 49.2 33.1 73.1
 57 17.4 0.0 38.1

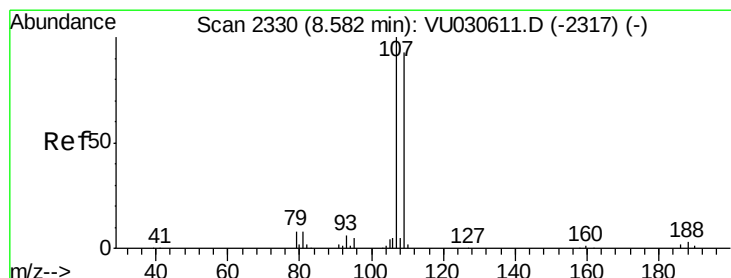
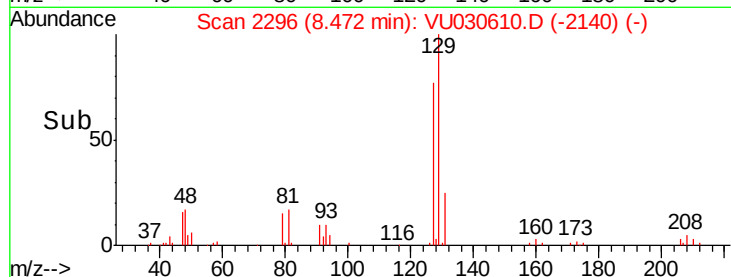
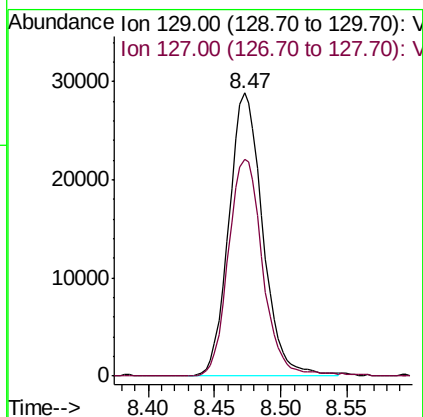
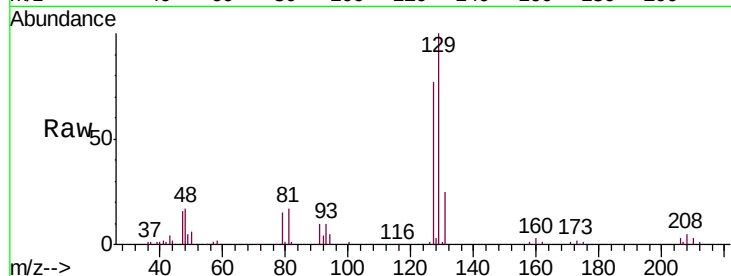




#55
 Dibromochloromethane
 Concen: 5.358 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

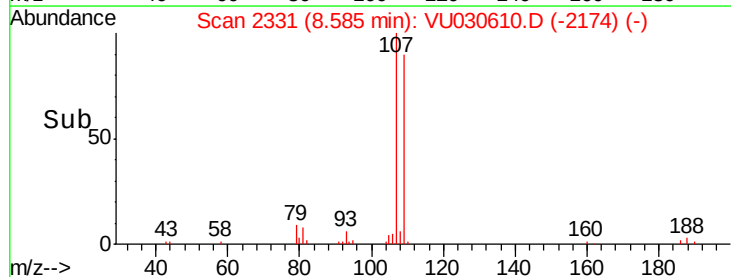
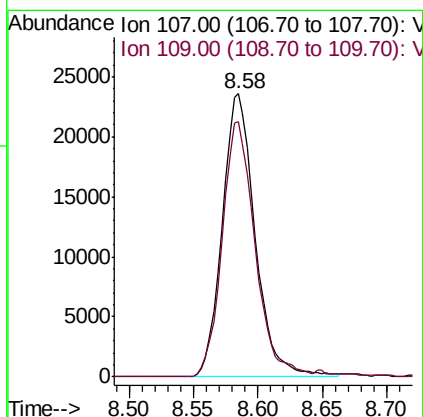
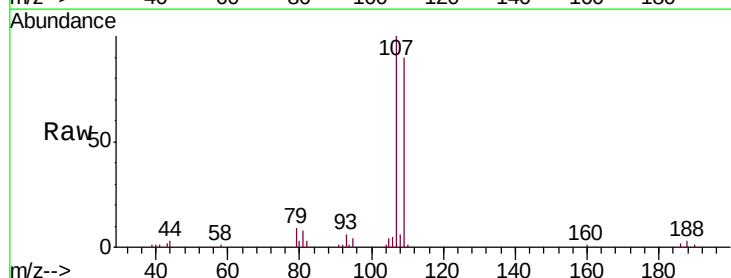
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

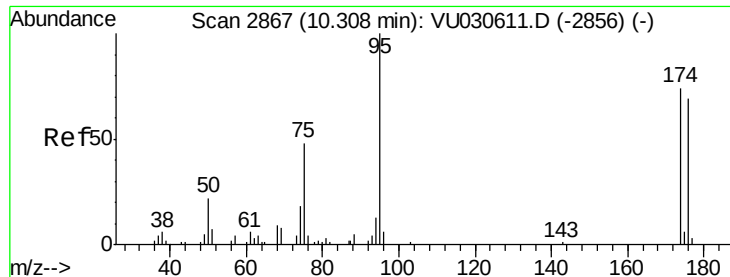
Tgt Ion:129 Resp: 51364
 Ion Ratio Lower Upper
 129 100
 127 77.9 62.8 94.2



#56
 1,2-Dibromoethane
 Concen: 5.426 ug/l
 RT: 8.58 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:107 Resp: 41729
 Ion Ratio Lower Upper
 107 100
 109 90.2 0.0 187.2

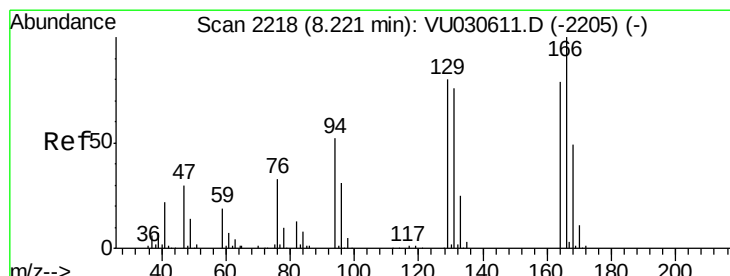
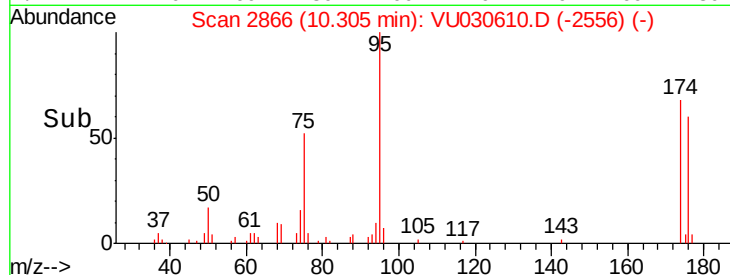
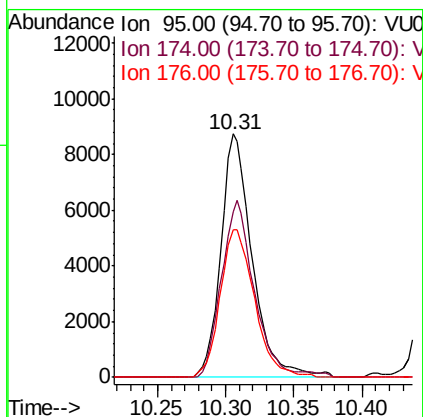
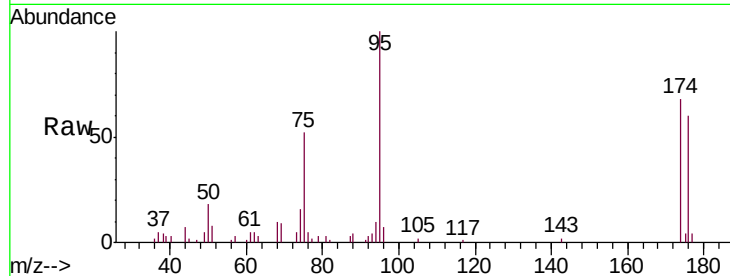




#57
4-Bromofluorobenzene
Concen: 5.426 ug/l
RT: 10.31 min Scan# 2866
Delta R.T. -0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

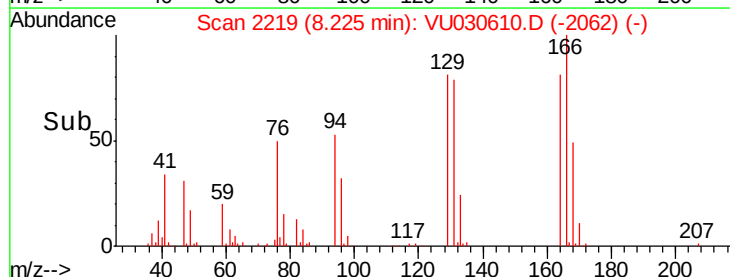
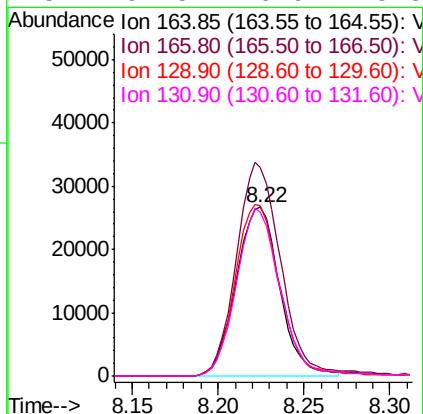
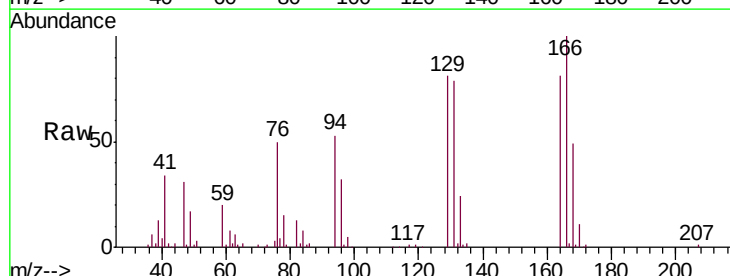
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

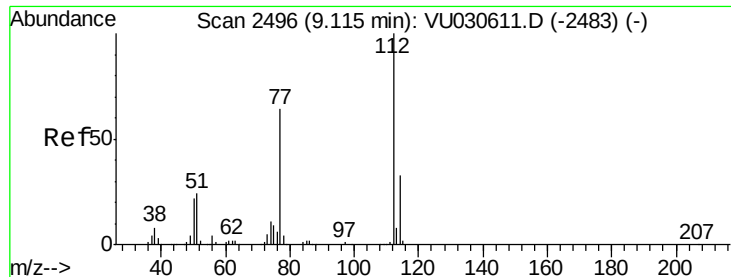
Tgt Ion: 95 Resp: 13946
Ion Ratio Lower Upper
95 100
174 76.5 59.1 88.7
176 66.4 55.7 83.5



#58
Tetrachloroethene
Concen: 4.319 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion: 164 Resp: 47081
Ion Ratio Lower Upper
164 100
166 123.8 101.0 151.4
129 100.8 80.6 120.8
131 97.5 76.9 115.3

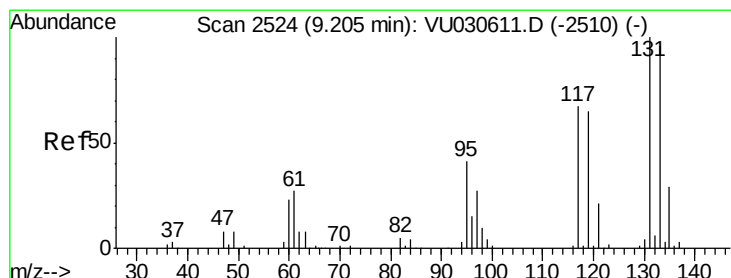
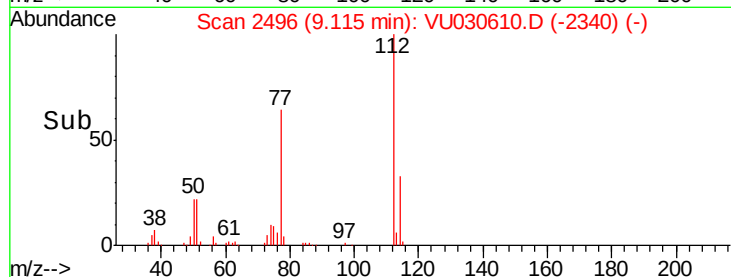
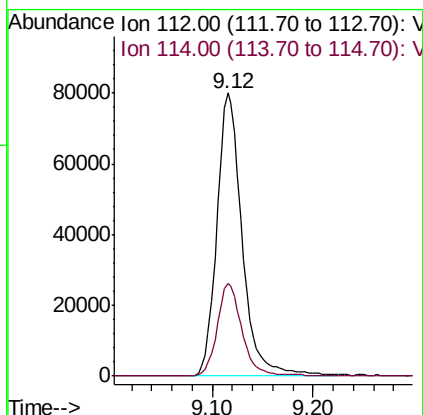
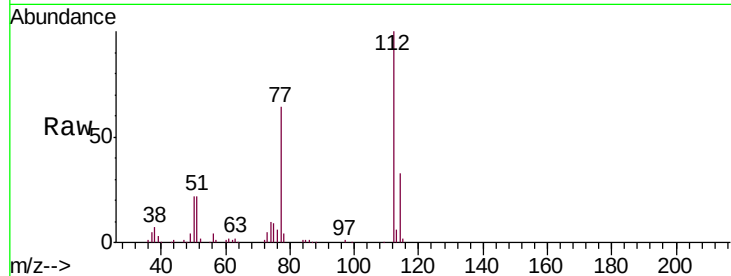




#59
Chlorobenzene
Concen: 4.826 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

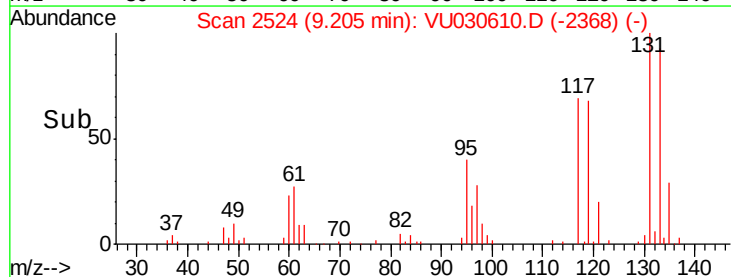
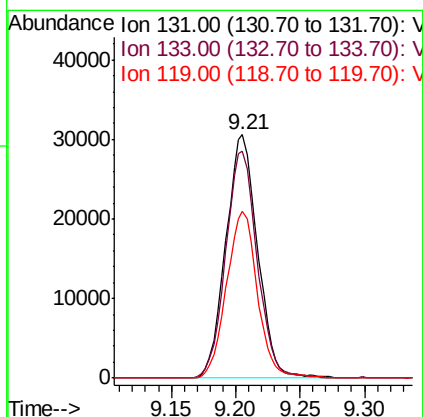
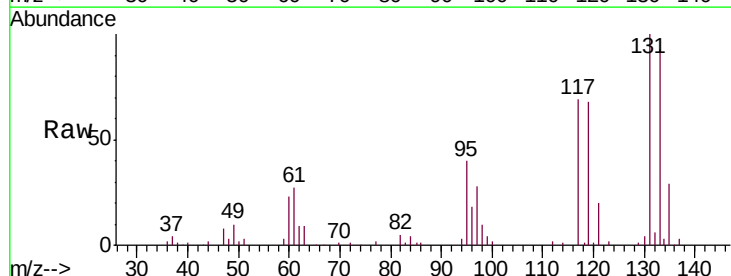
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

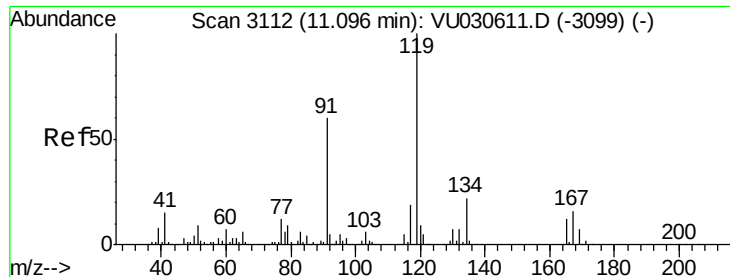
Tgt Ion:112 Resp: 139918
Ion Ratio Lower Upper
112 100
114 32.9 26.2 39.4



#60
1,1,1,2-Tetrachloroethane
Concen: 5.060 ug/l
RT: 9.21 min Scan# 2524
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion:131 Resp: 52316
Ion Ratio Lower Upper
131 100
133 92.4 75.0 112.6
119 66.7 52.2 78.2

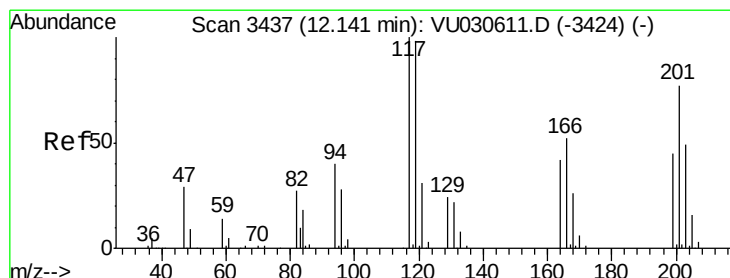
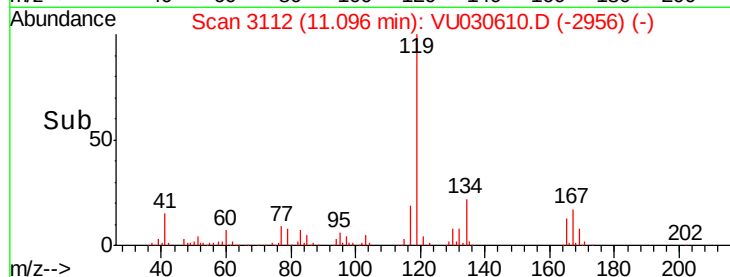
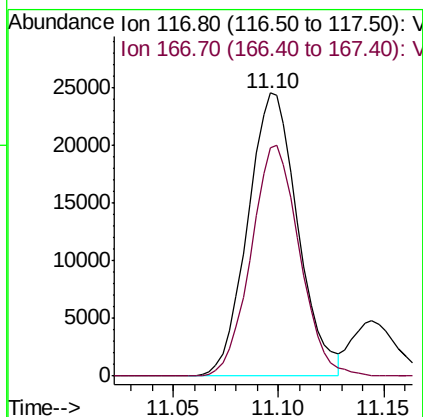
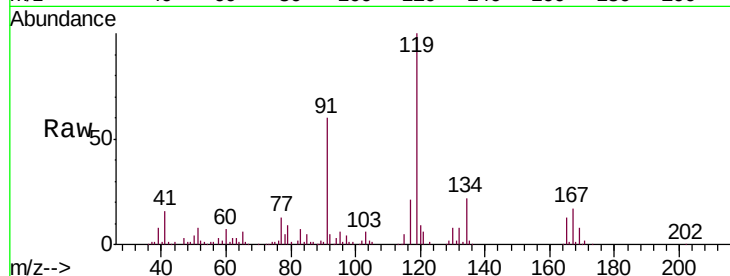




#61
 Pentachloroethane
 Concen: 5.065 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

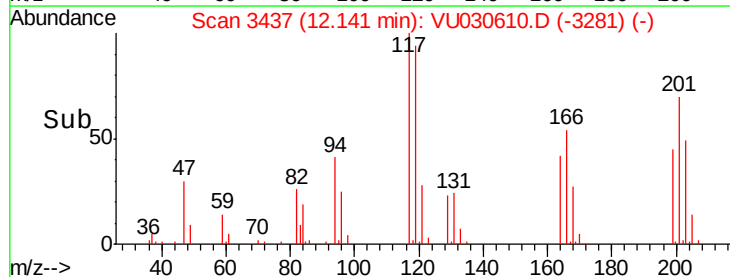
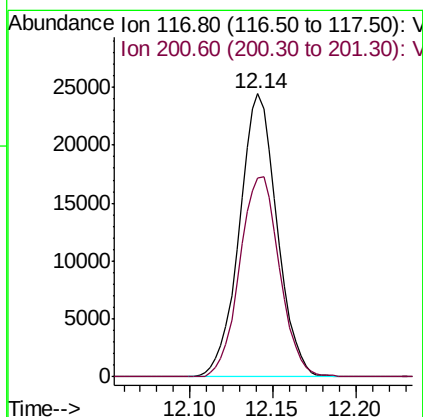
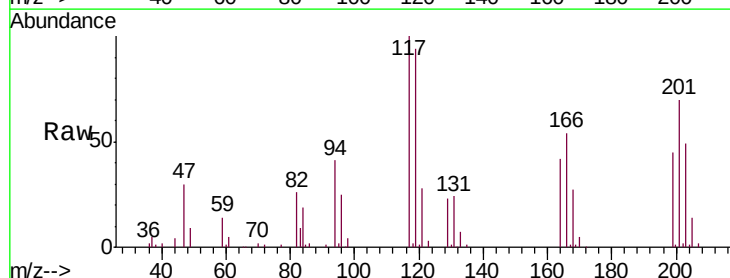
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

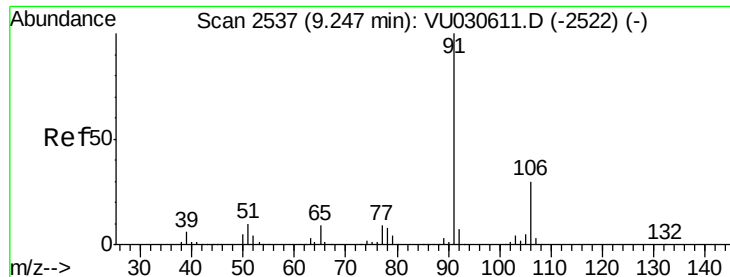
Tgt Ion:117 Resp: 40392
 Ion Ratio Lower Upper
 117 100
 167 78.9 65.6 98.4



#62
 Hexachloroethane
 Concen: 4.876 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:117 Resp: 38538
 Ion Ratio Lower Upper
 117 100
 201 74.7 60.5 90.7





#63

Ethyl Benzene

Concen: 4.939 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

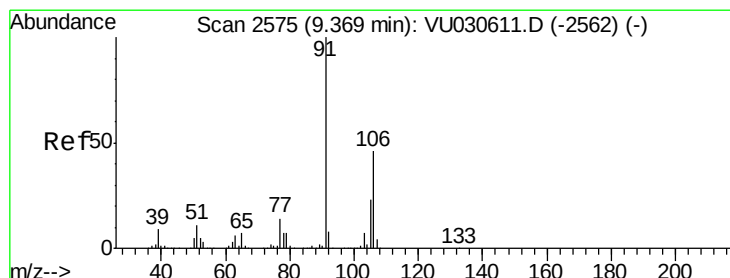
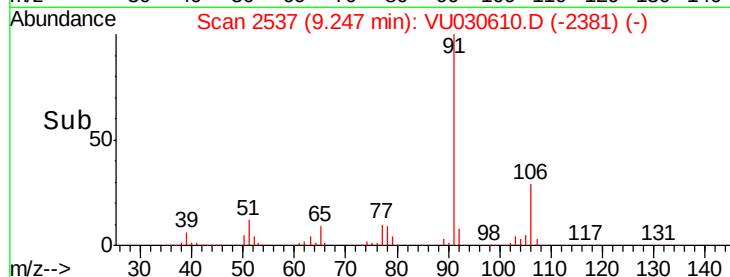
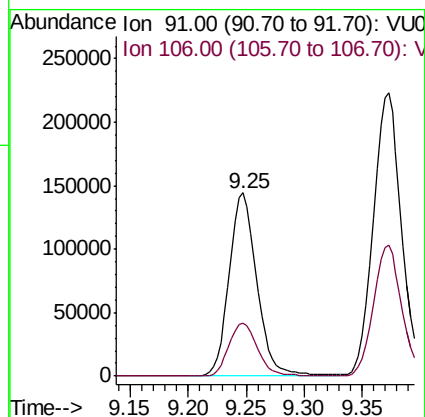
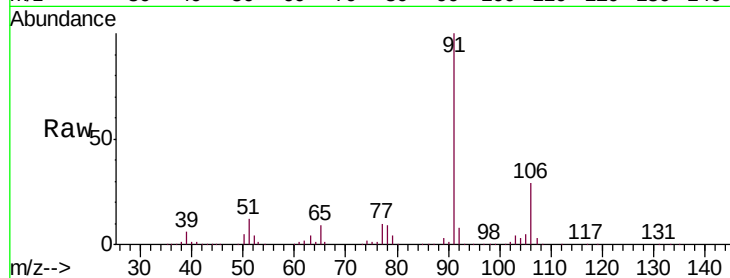
VSTDIC005

Tgt Ion: 91 Resp: 238133

Ion Ratio Lower Upper

91 100

106 29.2 23.7 35.5



#64

m/p-Xylenes

Concen: 9.528 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU030610.D

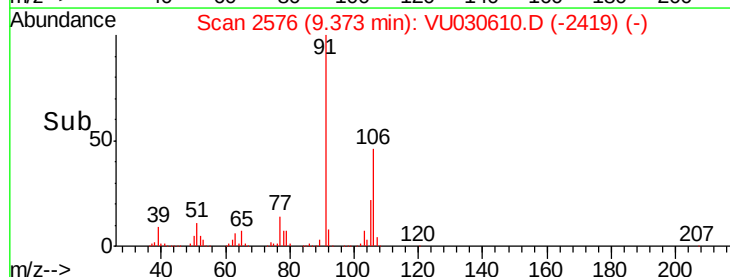
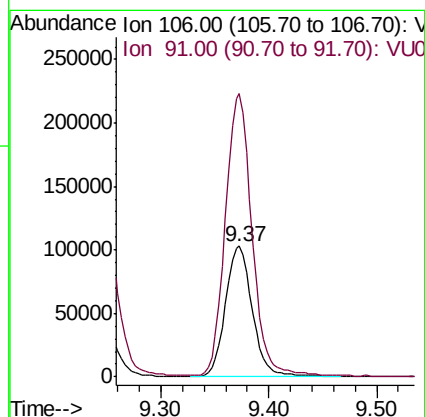
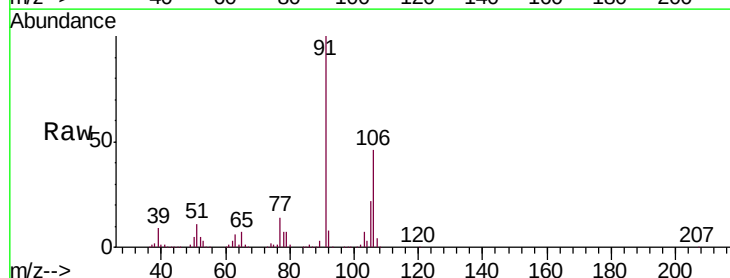
Acq: 02 Apr 2019 19:25

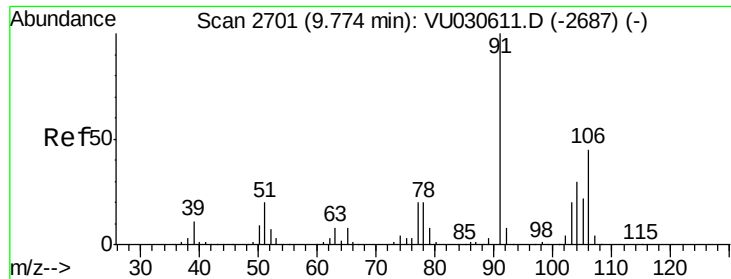
Tgt Ion: 106 Resp: 177639

Ion Ratio Lower Upper

106 100

91 215.4 173.8 260.8

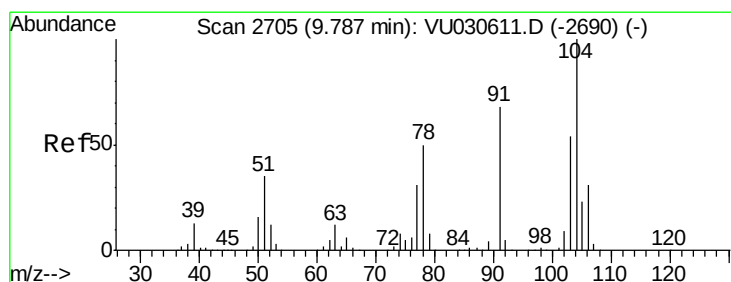
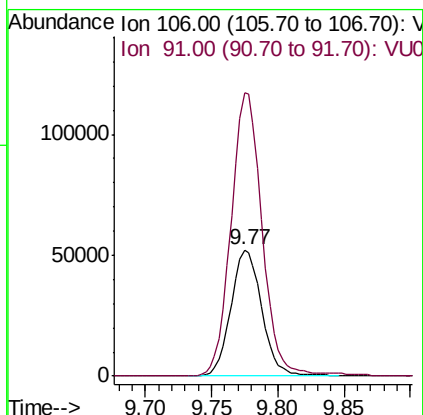
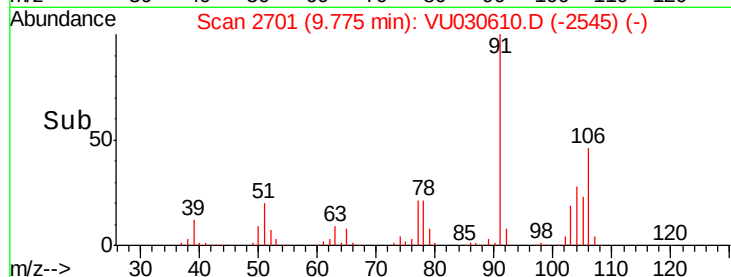
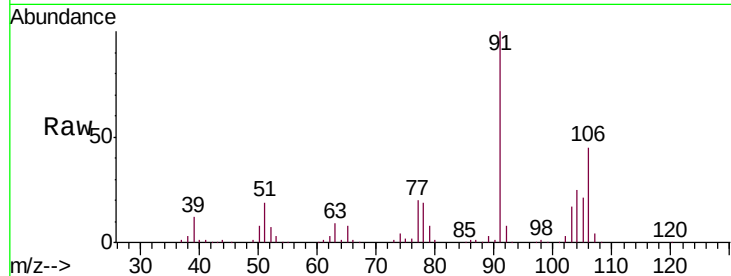




#65
o-Xylene
Concen: 4.631 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

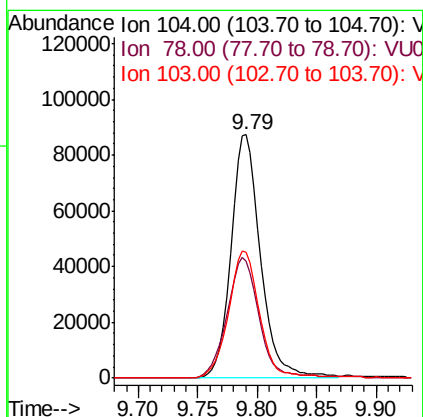
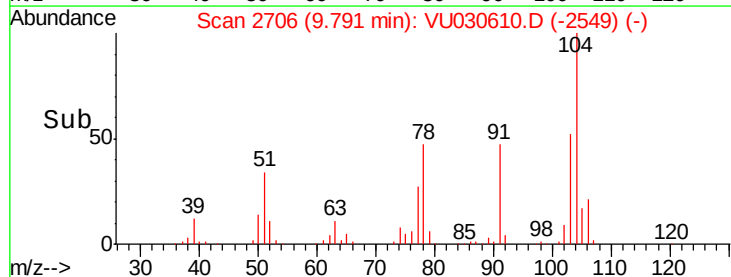
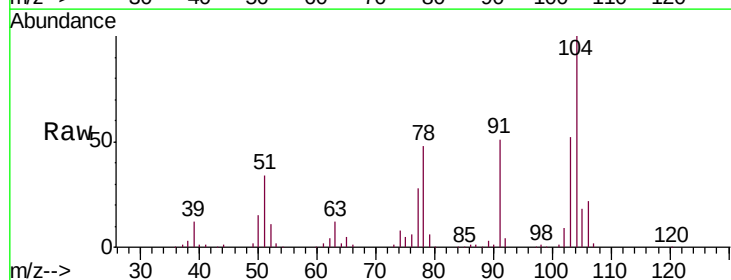
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

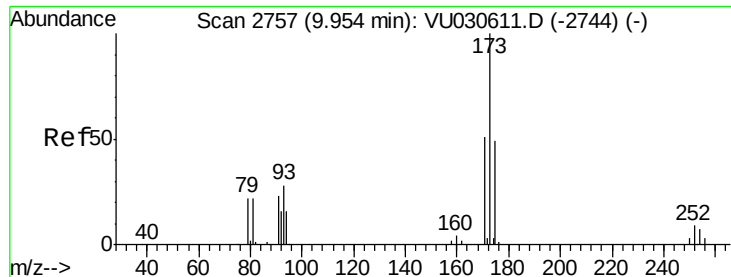
Tgt Ion:106 Resp: 84658
Ion Ratio Lower Upper
106 100
91 224.9 111.8 335.3



#66
Styrene
Concen: 4.973 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion:104 Resp: 150031
Ion Ratio Lower Upper
104 100
78 53.9 43.0 64.6
103 55.0 45.6 68.4





#67

Bromoform

Concen: 5.443 ug/l

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

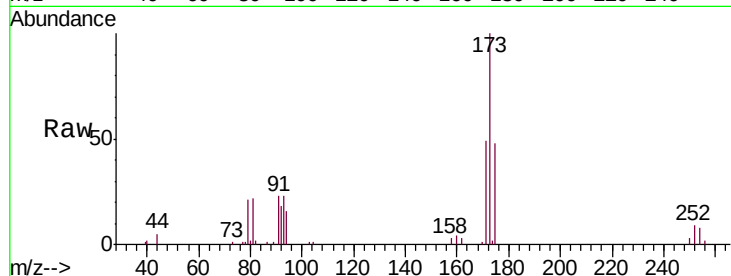
Tgt Ion:173 Resp: 29599

Ion Ratio Lower Upper

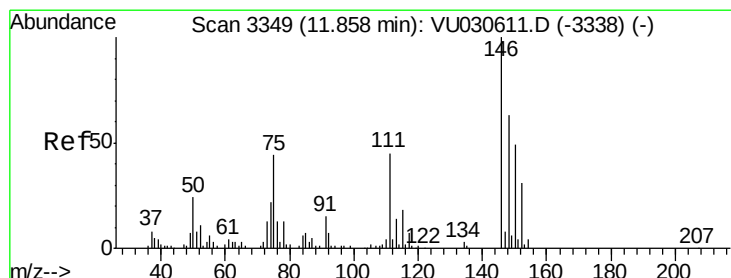
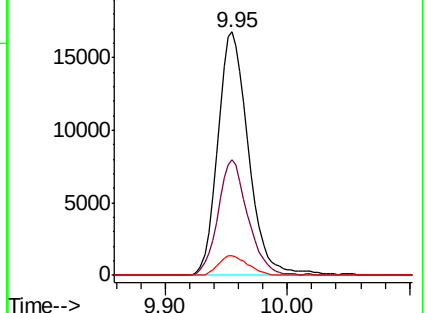
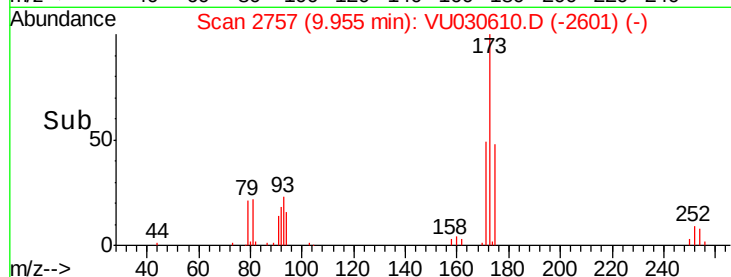
173 100

175 46.2 39.2 58.8

254 7.8 6.4 9.6



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



#68

1,2-Dichlorobenzene-d4

Concen: 5.443 ug/l

RT: 11.86 min Scan# 3350

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

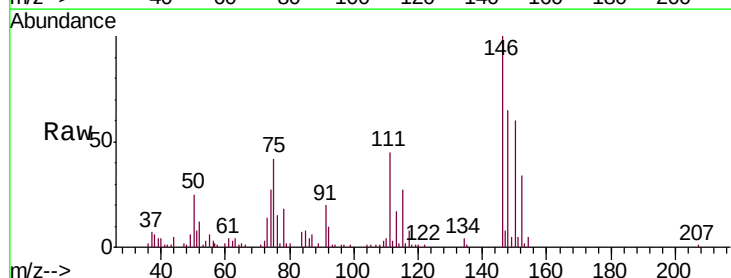
Tgt Ion:152 Resp: 12572

Ion Ratio Lower Upper

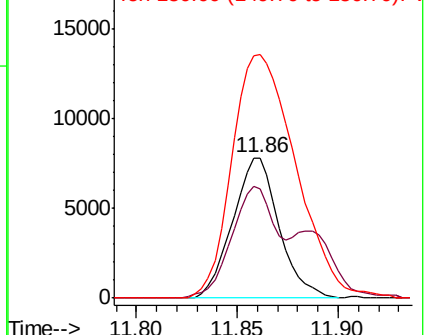
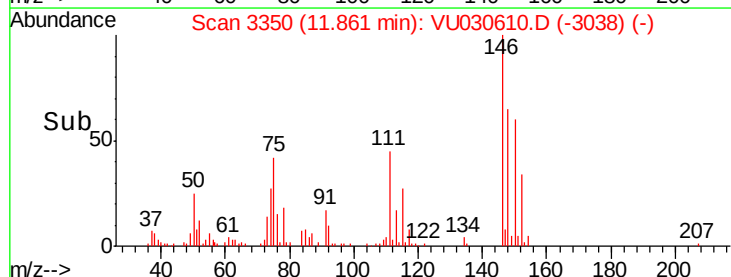
152 100

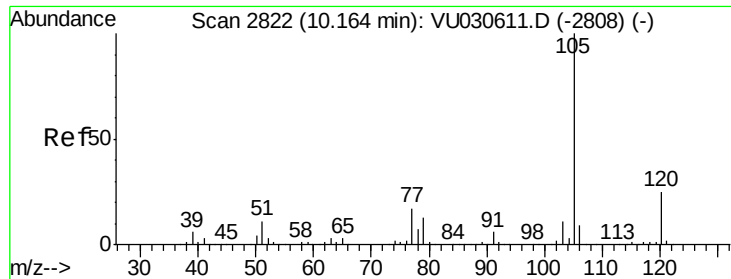
115 76.8 0.0 122.4

150 239.2 0.0 595.2



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





#69

Isopropylbenzene

Concen: 4.724 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

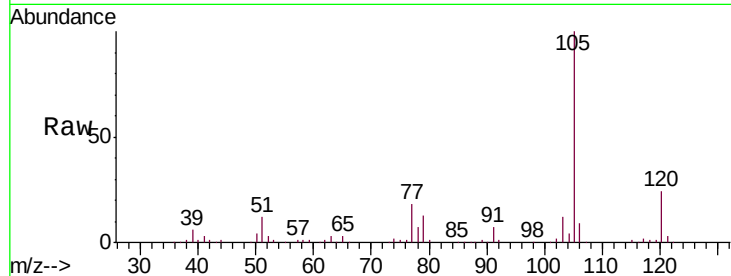
VSTDIC005

Tgt Ion: 105 Resp: 226483

Ion Ratio Lower Upper

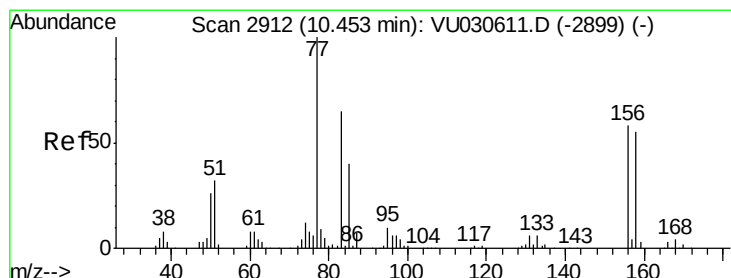
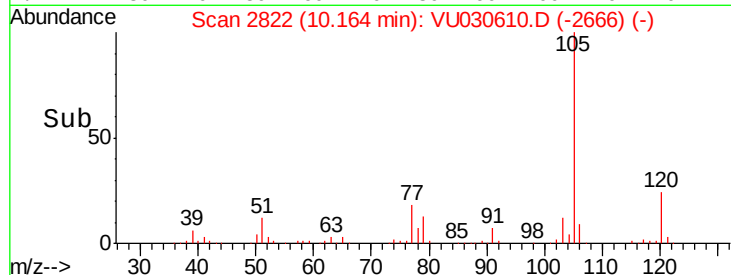
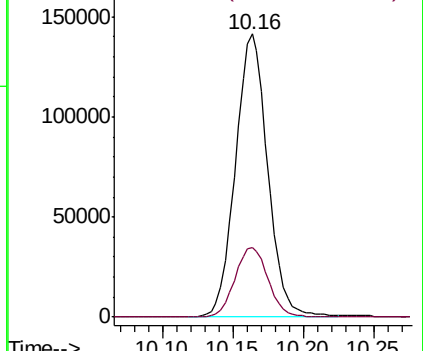
105 100

120 25.5 12.5 37.5



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: 5.925 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

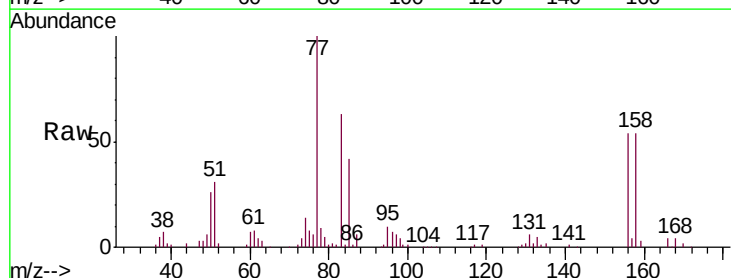
Tgt Ion: 83 Resp: 59734

Ion Ratio Lower Upper

83 100

131 8.5 7.5 11.3

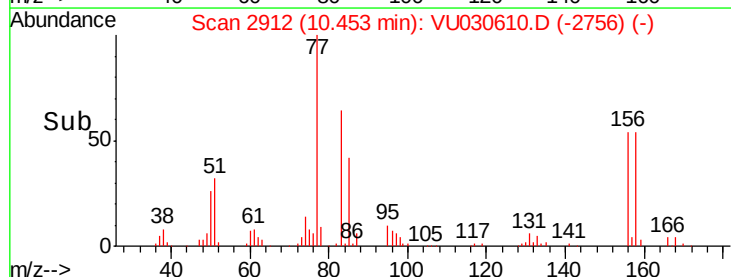
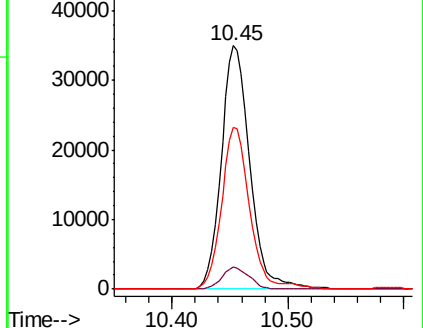
85 63.6 50.0 75.0

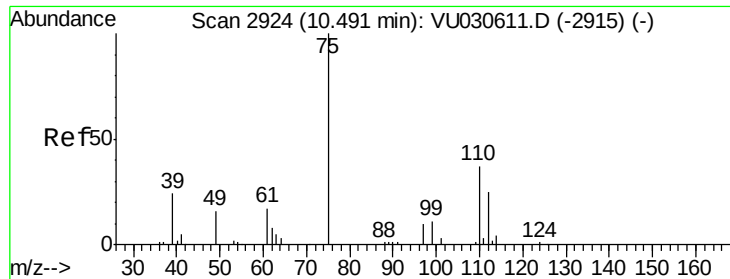


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

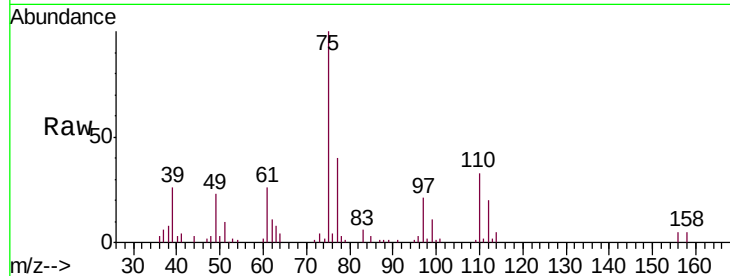




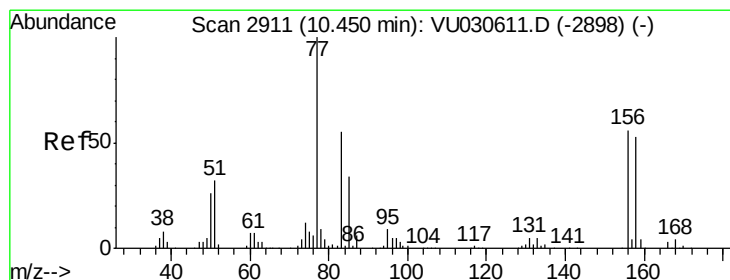
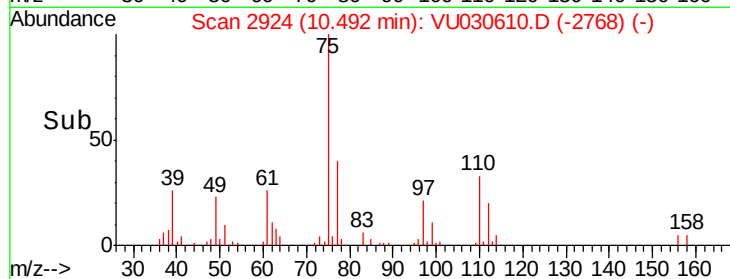
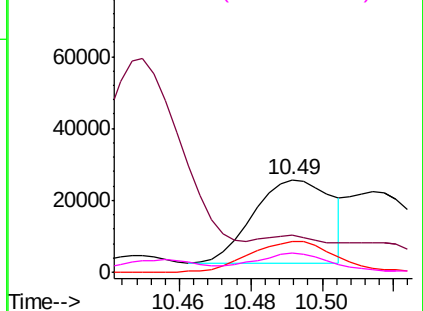
#71
 1,2,3-Trichloropropane
 Concen: 4.654 ug/l
 RT: 10.49 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	35338
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	41.4	0.0	67.8
97	23.0	0.0	35.2

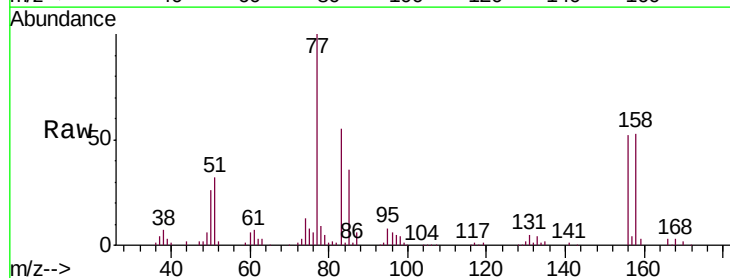


Abundance Ion 75.00 (74.70 to 75.70): VU030611.D (-2915) (-)
 Ion 77.00 (76.70 to 77.70): VU030611.D (-2915) (-)
 Ion 110.00 (109.70 to 110.70): VU030611.D (-2915) (-)
 Ion 97.00 (96.70 to 97.70): VU030611.D (-2915) (-)

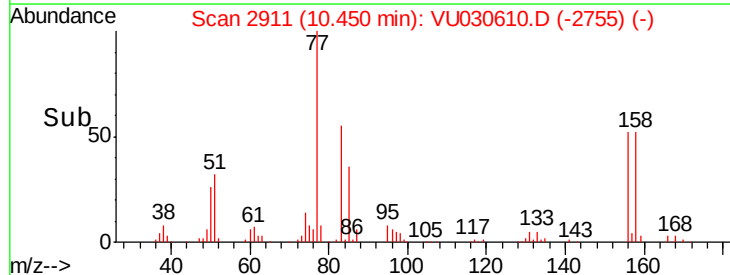
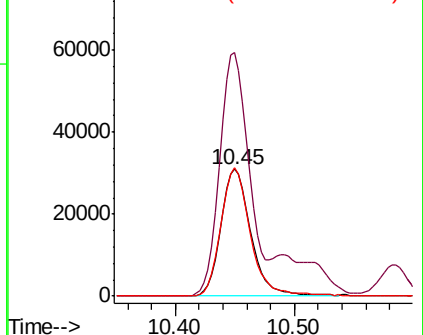


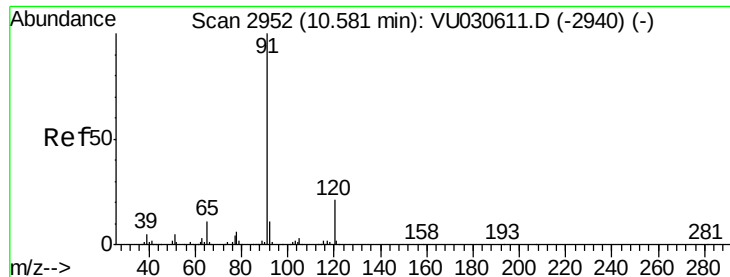
#72
 Bromobenzene
 Concen: 4.377 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:	156	Resp:	54219
Ion	Ratio	Lower	Upper
156	100		
77	187.0	0.0	362.2
158	99.8	0.0	192.4



Abundance Ion 156.00 (155.70 to 156.70): VU030611.D (-2898) (-)
 Ion 77.00 (76.70 to 77.70): VU030611.D (-2898) (-)
 Ion 158.00 (157.70 to 158.70): VU030611.D (-2898) (-)

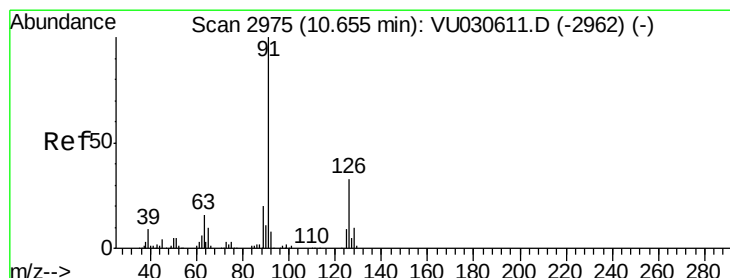
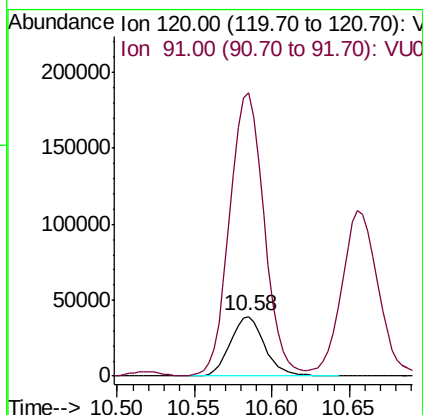
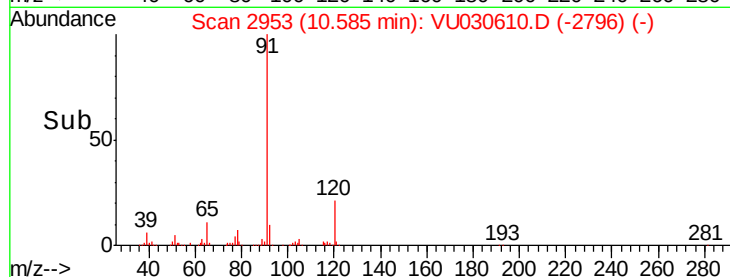
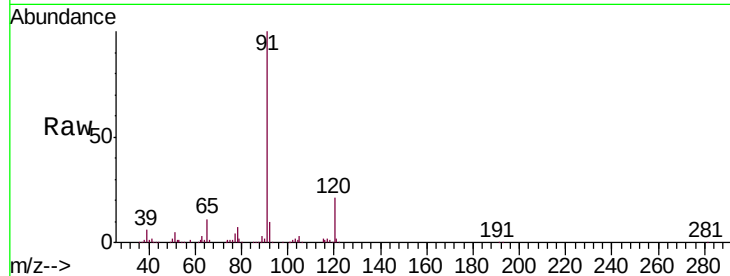




#73
n-propylbenzene
Concen: 4.485 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

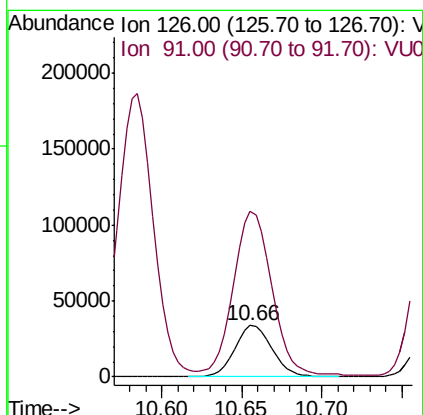
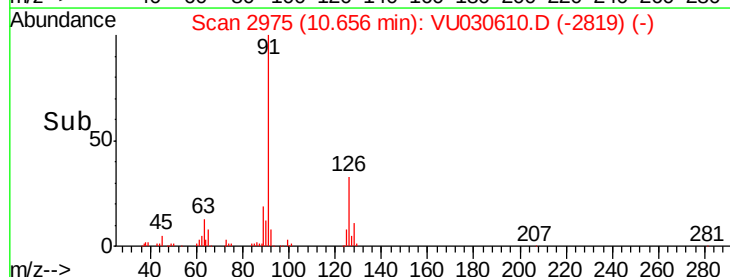
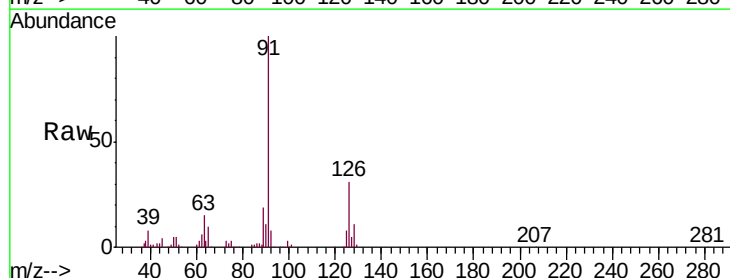
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

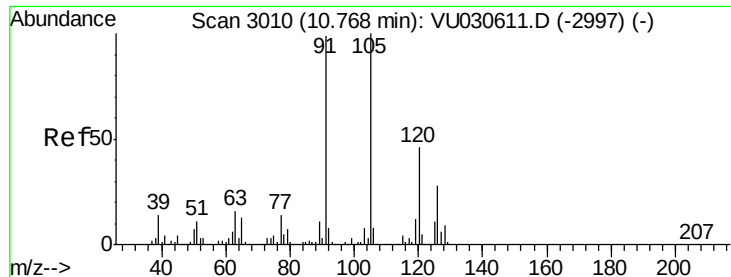
Tgt Ion:120 Resp: 60373
Ion Ratio Lower Upper
120 100
91 477.4 373.0 559.4



#74
2-Chlorotoluene
Concen: 4.581 ug/l
RT: 10.66 min Scan# 2975
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion:126 Resp: 54107
Ion Ratio Lower Upper
126 100
91 332.6 0.0 643.6





#75

1,3,5-Trimethylbenzene

Concen: 4.897 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

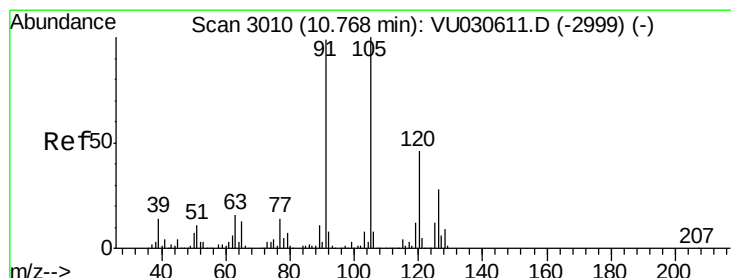
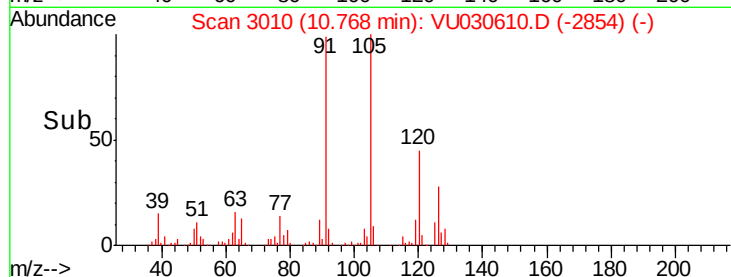
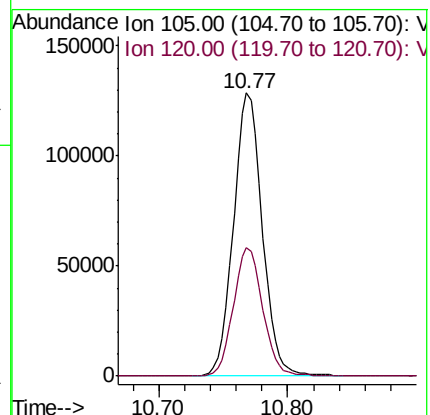
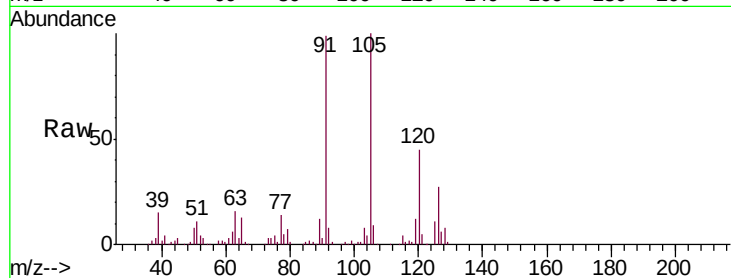
VSTDIC005

Tgt Ion:105 Resp: 199662

Ion Ratio Lower Upper

105 100

120 46.0 37.2 55.8



#76

4-Chlorotoluene

Concen: 4.766 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU030610.D

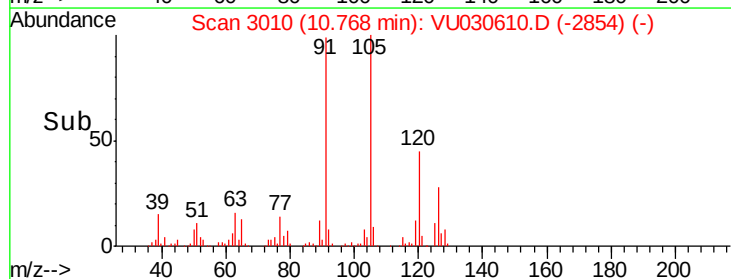
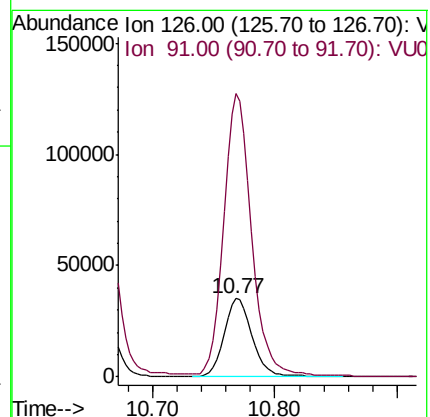
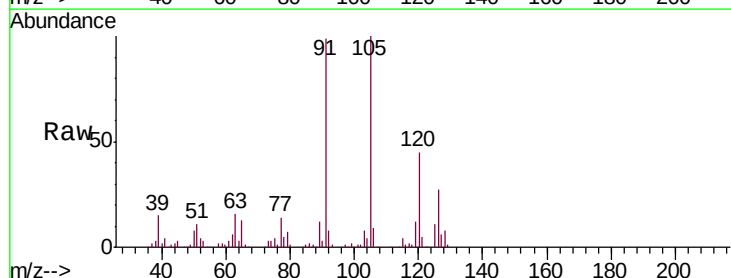
Acq: 02 Apr 2019 19:25

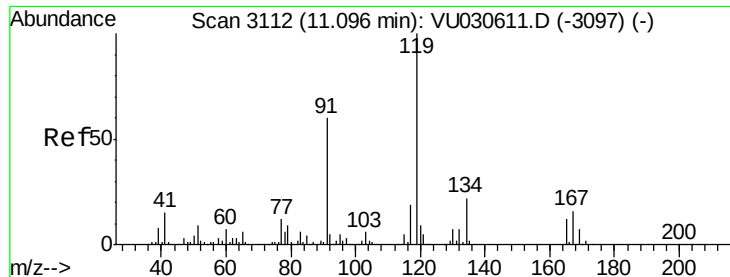
Tgt Ion:126 Resp: 57356

Ion Ratio Lower Upper

126 100

91 355.6 0.0 724.8

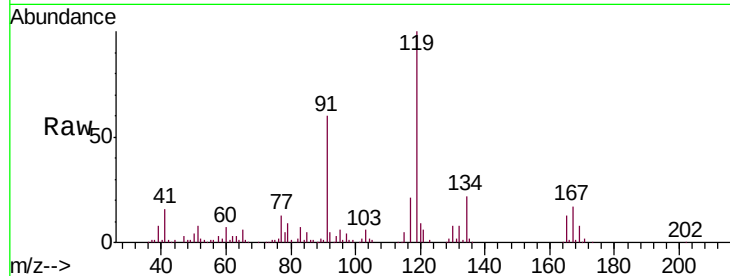




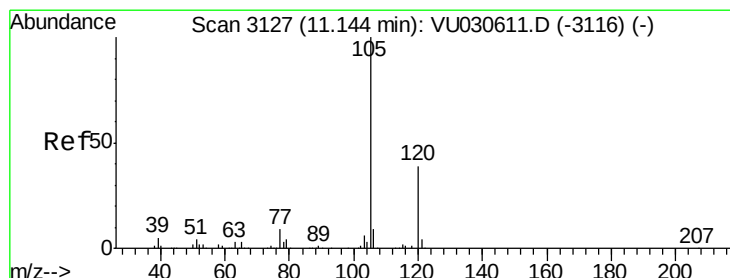
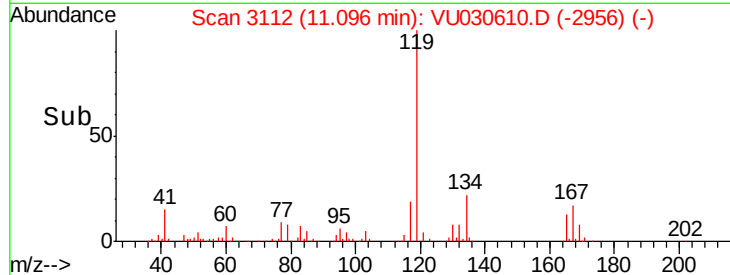
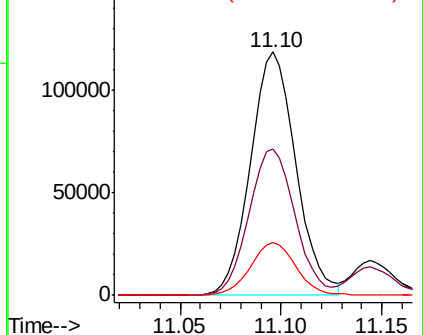
#77
 tert-Butylbenzene
 Concen: 4.704 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 186762
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.7 92.1
 134 22.1 17.5 26.3

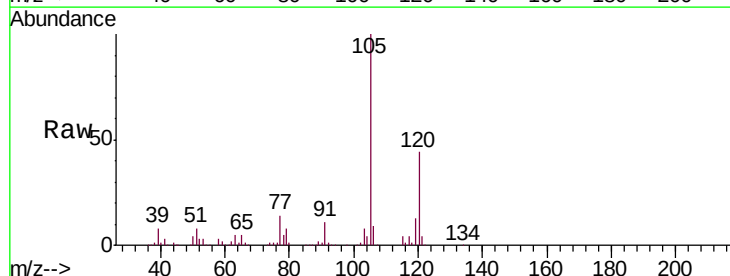


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VU0
 Ion 134.00 (133.70 to 134.70): V

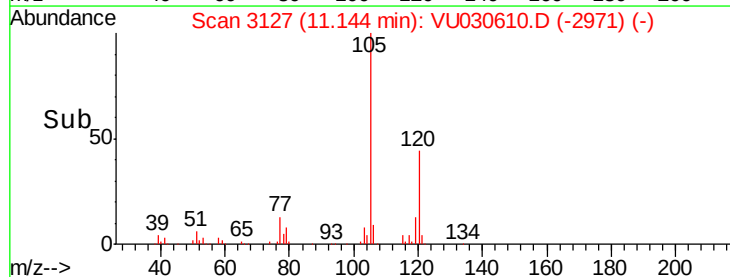
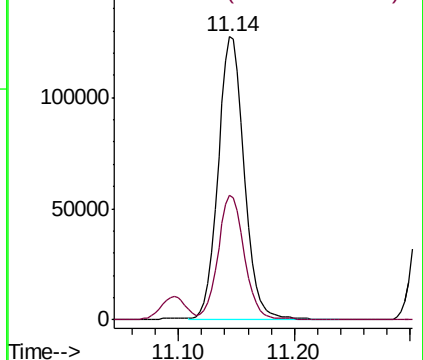


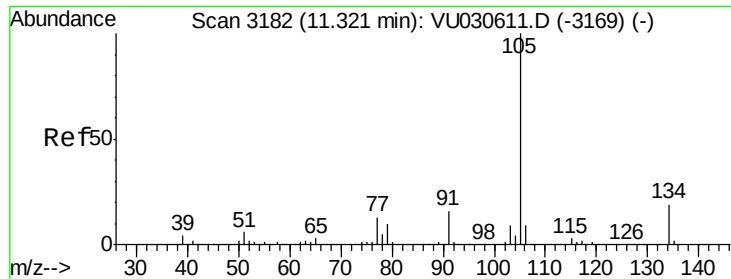
#78
 1,2,4-Trimethylbenzene
 Concen: 4.772 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:105 Resp: 197944
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.5



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





#79

sec-Butylbenzene

Concen: 4.785 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

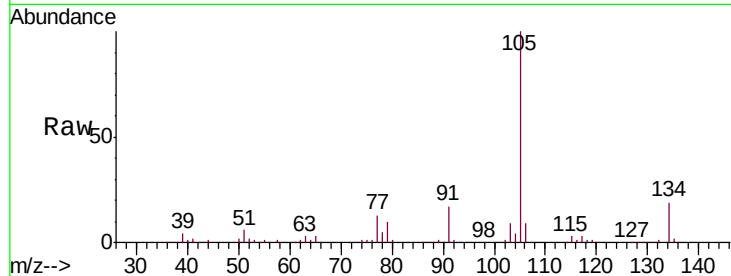
VSTDIC005

Tgt Ion: 105 Resp: 255232

Ion Ratio Lower Upper

105 100

134 19.0 15.0 22.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.32

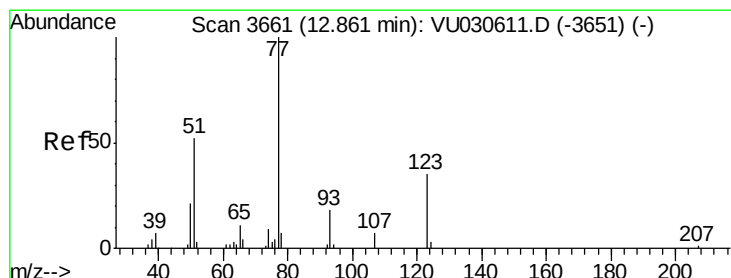
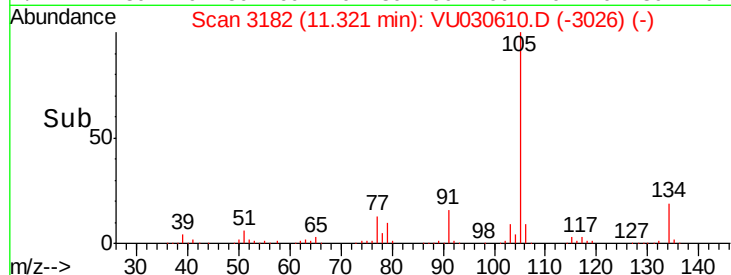
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 33.624 ug/l

RT: 12.86 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

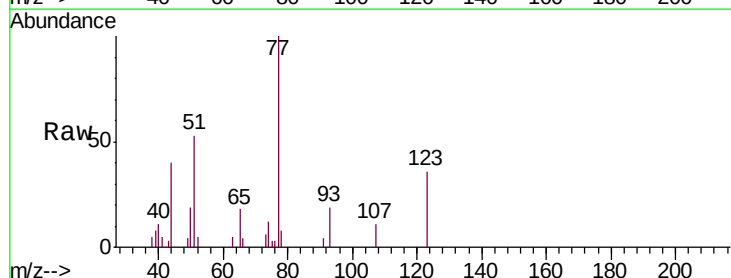
Tgt Ion: 77 Resp: 7116

Ion Ratio Lower Upper

77 100

123 41.9 16.5 58.5

65 10.1 11.2 14.2#



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

12.86

4000

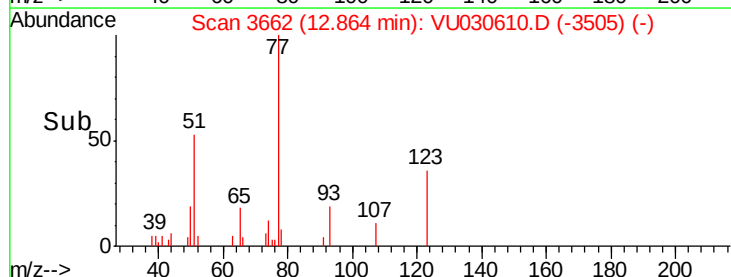
3000

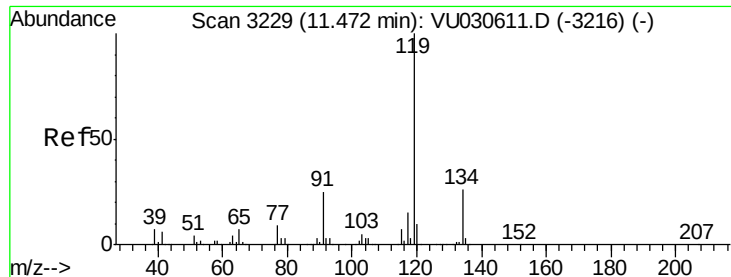
2000

1000

0

Time-->

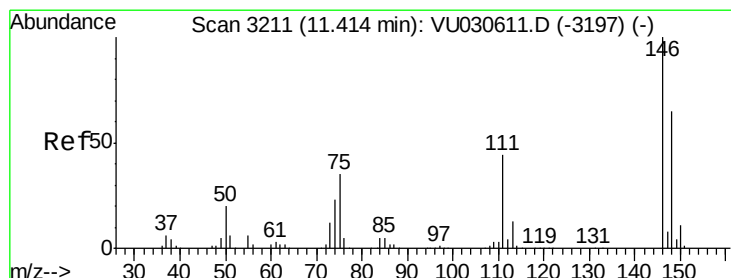
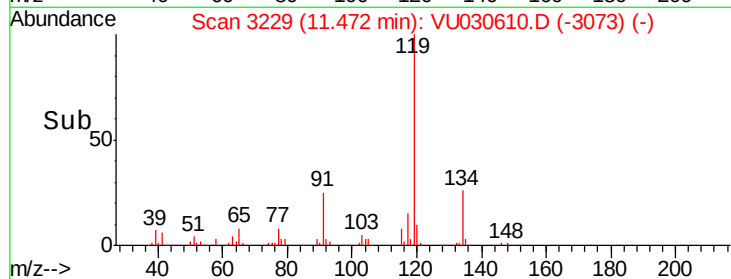
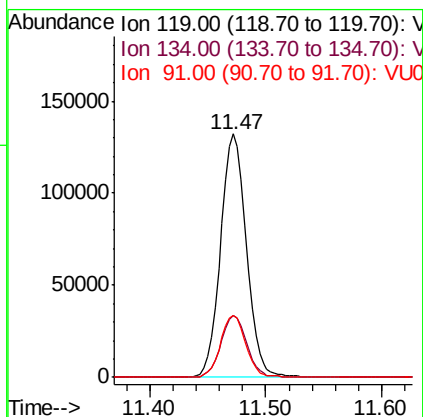
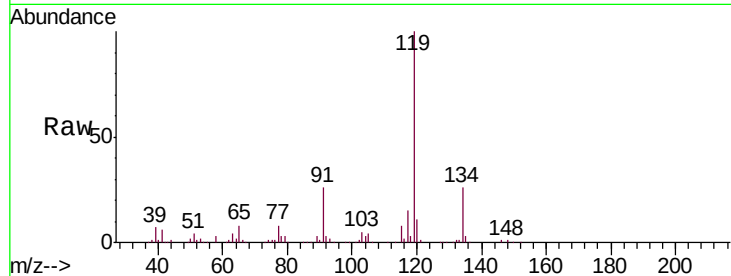




#81
p-Isopropyltoluene
Concen: 4.579 ug/l
RT: 11.47 min Scan# 3229
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

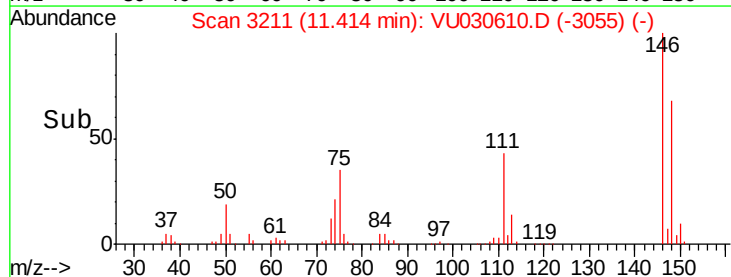
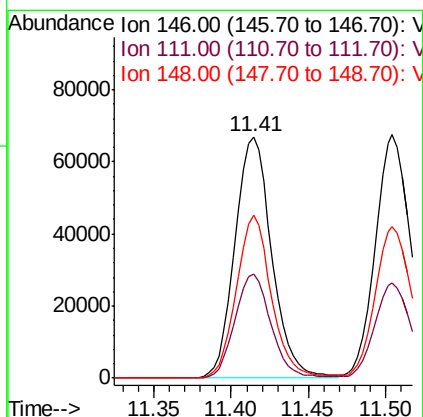
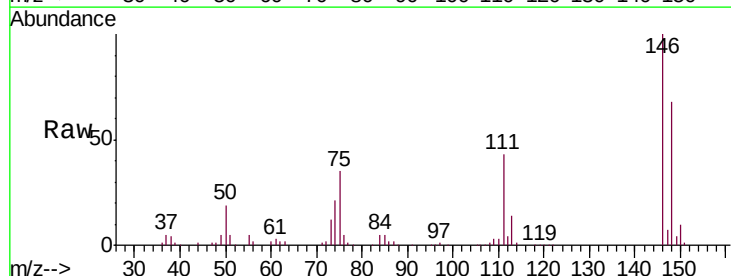
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

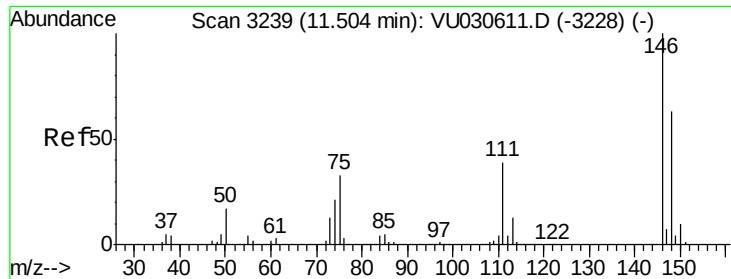
Tgt Ion:119 Resp: 203007
Ion Ratio Lower Upper
119 100
134 25.8 20.3 30.5
91 24.9 20.2 30.4



#82
1,3-Dichlorobenzene
Concen: 4.450 ug/l
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030610.D
Acq: 02 Apr 2019 19:25

Tgt Ion:146 Resp: 110816
Ion Ratio Lower Upper
146 100
111 42.1 34.6 51.8
148 64.4 51.3 76.9

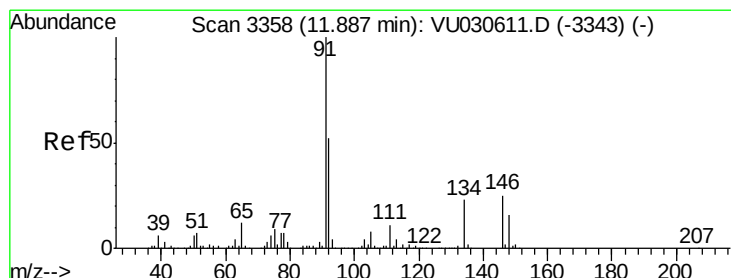
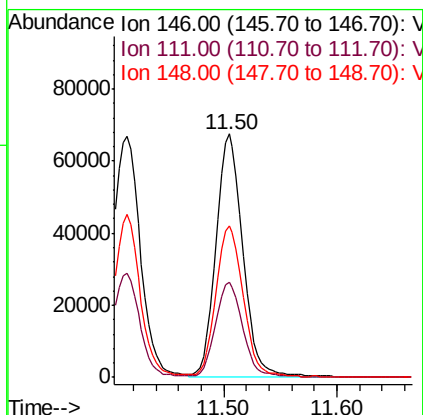
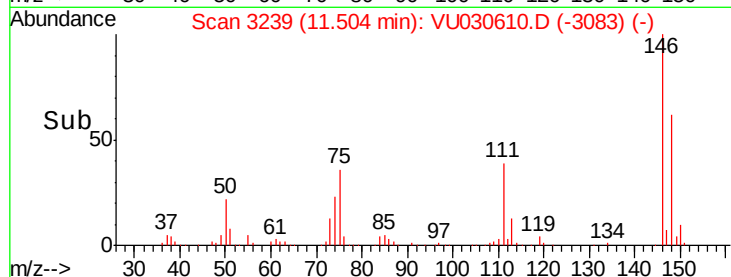
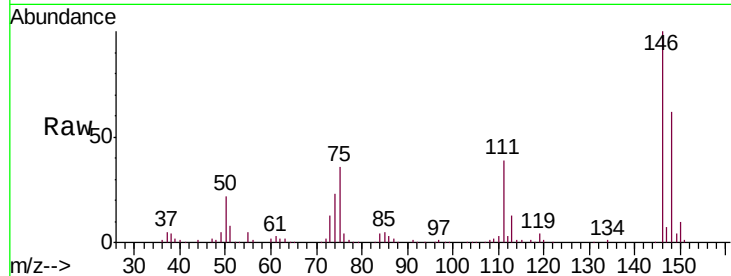




#83
 1,4-Dichlorobenzene
 Concen: 4.413 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

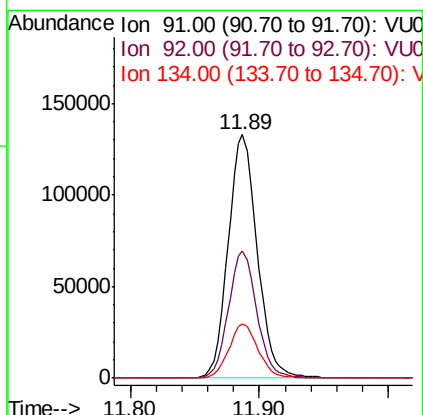
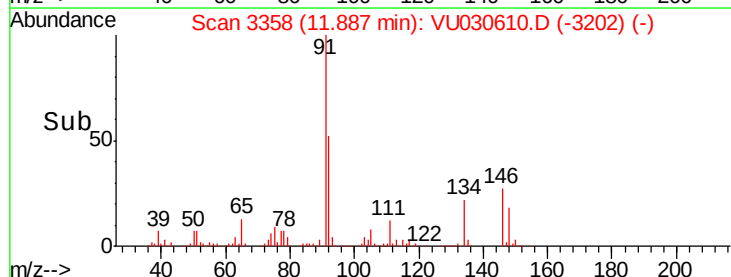
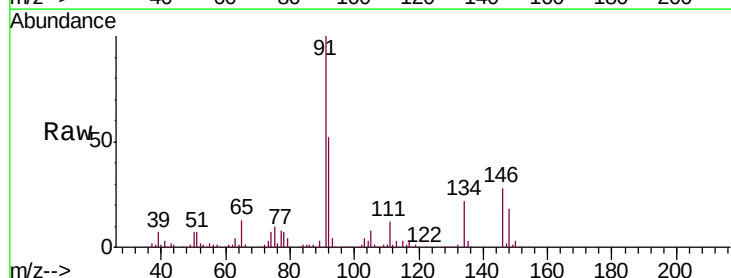
Instrument :
 MSVOA_U
 ClientSampled :
 VSTDIC005

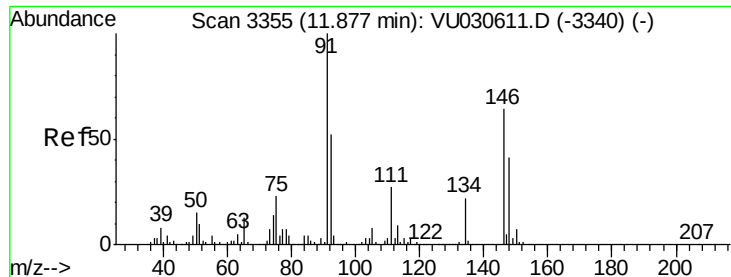
Tgt Ion: 146 Resp: 110552
 Ion Ratio Lower Upper
 146 100
 111 39.8 32.2 48.2
 148 63.2 51.0 76.6



#84
 n-Butylbenzene
 Concen: 4.928 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion: 91 Resp: 207252
 Ion Ratio Lower Upper
 91 100
 92 51.3 41.3 61.9
 134 22.4 18.2 27.4





#85

1,2-Dichlorobenzene

Concen: 4.466 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

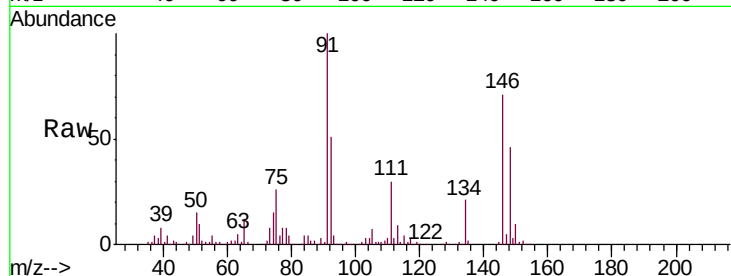
Tgt Ion:146 Resp: 103706

Ion Ratio Lower Upper

146 100

111 42.0 21.8 65.3

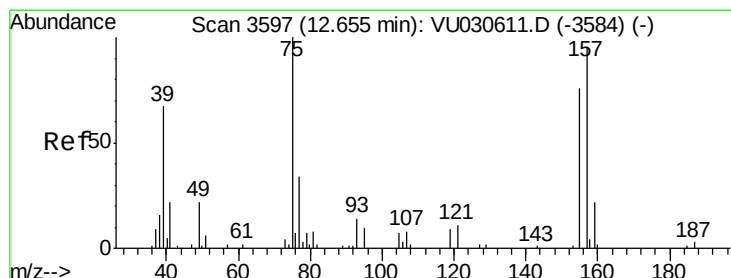
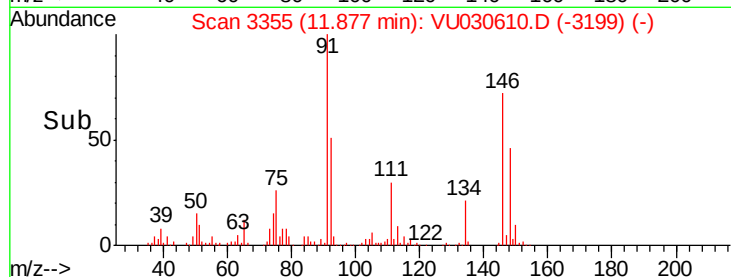
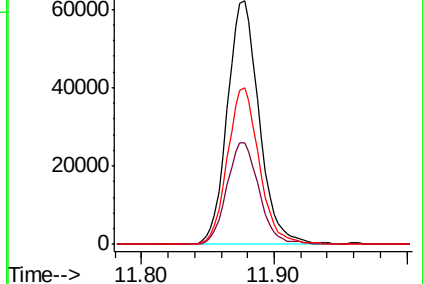
148 64.2 31.7 95.1



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 6.389 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

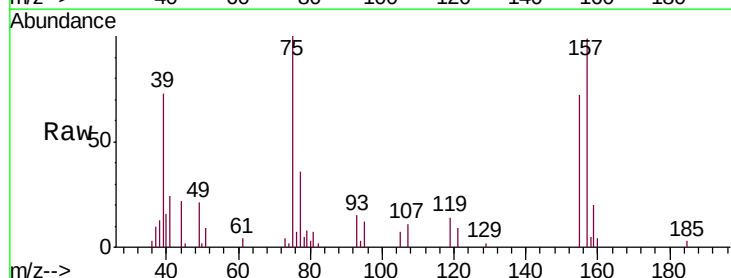
Tgt Ion: 75 Resp: 9390

Ion Ratio Lower Upper

75 100

155 72.0 61.3 91.9

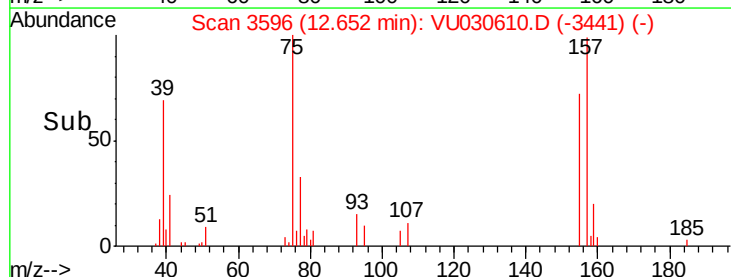
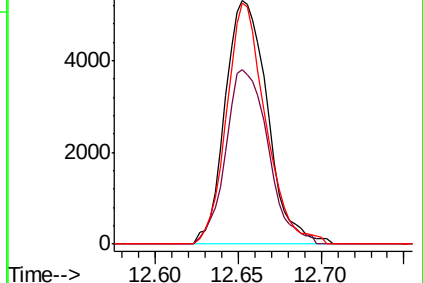
157 91.7 77.4 116.0

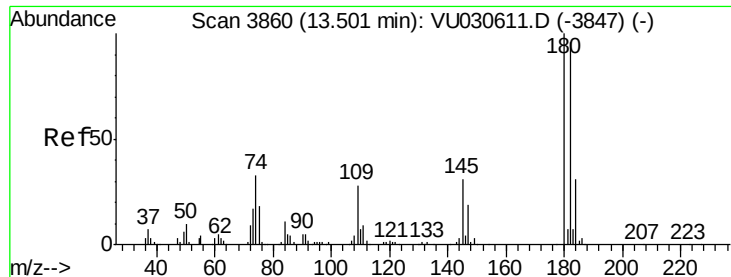


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

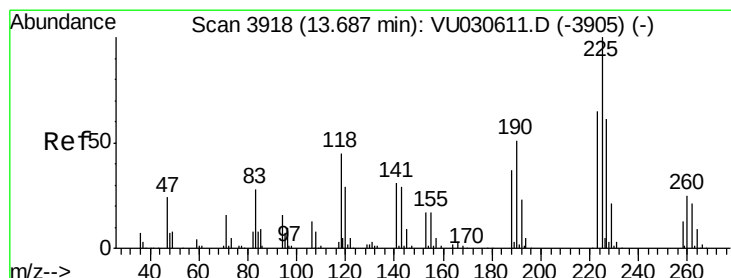
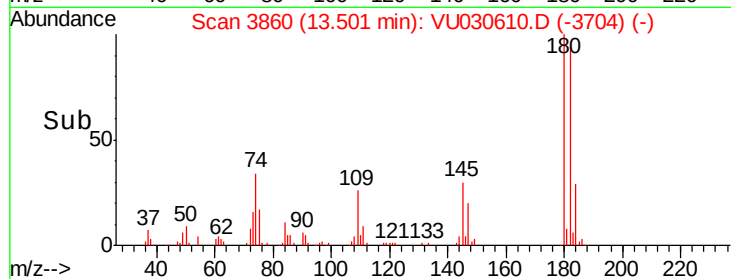
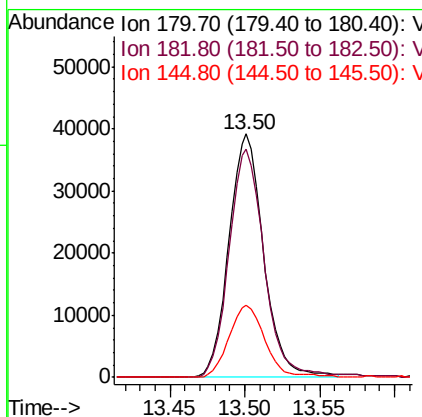
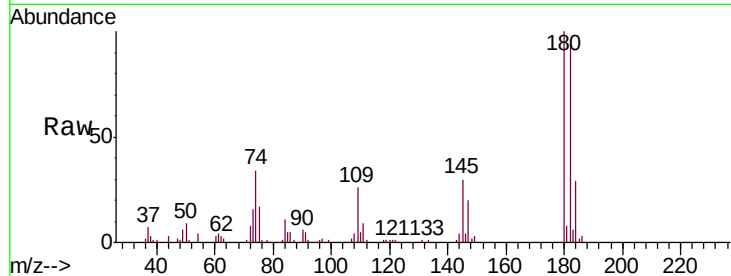




#87
 1,2,4-Trichlorobenzene
 Concen: 3.863 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

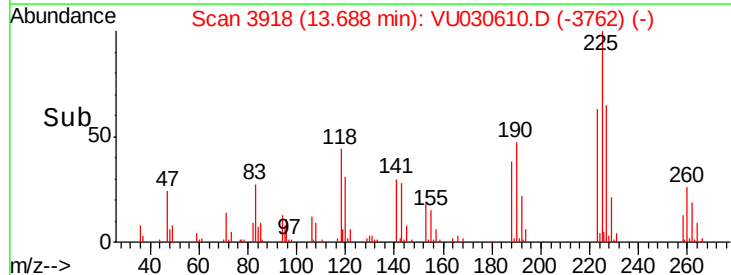
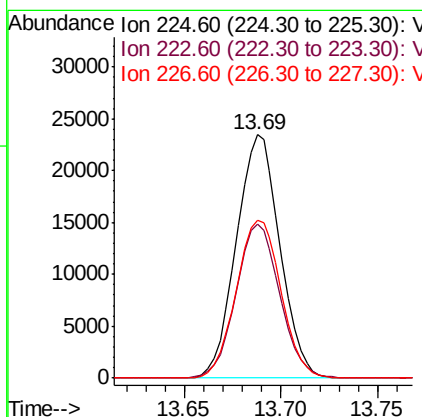
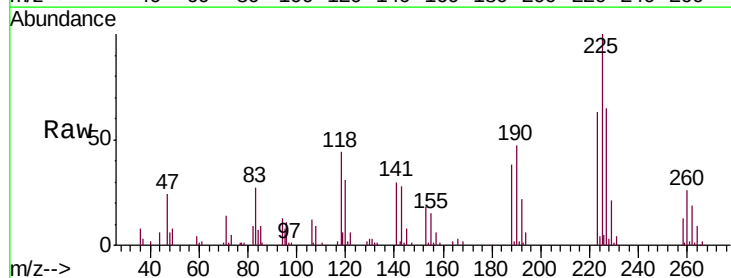
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

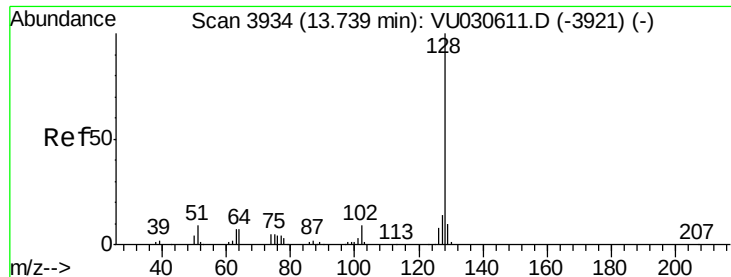
Tgt Ion:180 Resp: 63326
 Ion Ratio Lower Upper
 180 100
 182 94.5 78.2 117.4
 145 30.8 24.4 36.6



#88
 Hexachlorobutadiene
 Concen: 4.091 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU030610.D
 Acq: 02 Apr 2019 19:25

Tgt Ion:225 Resp: 36688
 Ion Ratio Lower Upper
 225 100
 223 63.7 52.6 78.8
 227 66.4 50.5 75.7





#89

Naphthalene

Concen: 4.403 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

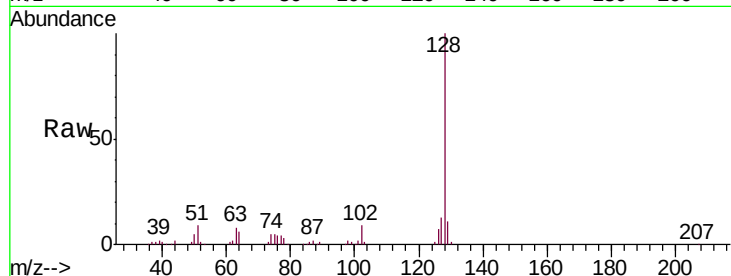
Tgt Ion:128 Resp: 114035

Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

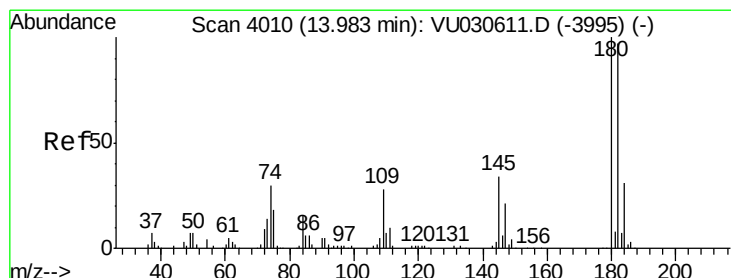
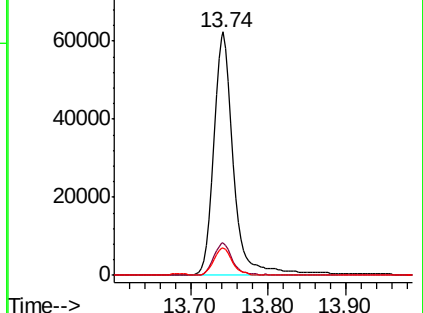
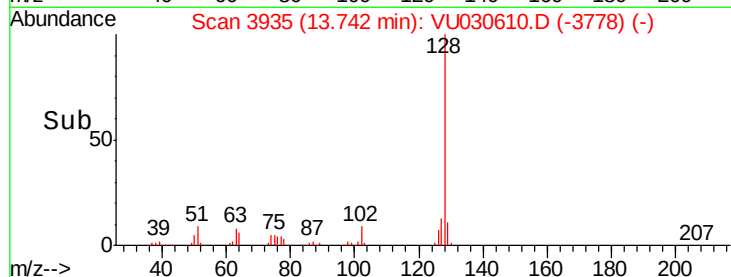
129 10.6 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 4.118 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU030610.D

Acq: 02 Apr 2019 19:25

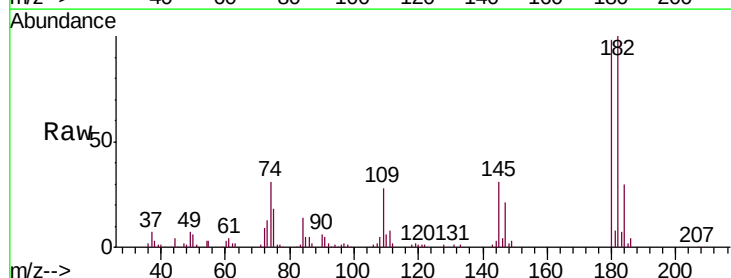
Tgt Ion:180 Resp: 61844

Ion Ratio Lower Upper

180 100

182 98.0 77.4 116.0

145 32.4 26.2 39.2



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

