

Data File : VU031509.D
Acq On : 25 Apr 2019 19:50
Operator : JC/SP
Sample : VSTDIC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Apr 26 03:01:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	75451	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	27220	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	24993	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	171315	5.240 ug/l	96
3) Chloromethane	1.32	50	202999	5.773 ug/l	100
4) Vinyl Chloride	1.40	62	193961	5.646 ug/l	99
5) Bromomethane	1.62	94	90554	4.693 ug/l	99
6) Chloroethane	1.69	64	107453	4.706 ug/l	98
7) Trichlorofluoromethane	1.88	101	222454	4.620 ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	108740	4.552 ug/l	99
9) 1,1-Dichloroethene	2.28	96	109720	4.598 ug/l	99
10) Iodomethane	2.41	142	127435	4.053 ug/l	99
11) Allyl Chloride	2.59	41	237283	5.006 ug/l	99
12) Acrylonitrile	2.93	53	65871	9.514 ug/l	94
13) Acetone	2.32	43	142731	22.582 ug/l	96
14) Carbon Disulfide	2.47	76	418811	4.734 ug/l	100
15) Methylene Chloride	2.69	84	129574	4.223 ug/l	98
16) trans-1,2-Dichloroethene	2.97	96	123473	4.679 ug/l	98
17) 1,1-Dichloroethane	3.44	63	259735	5.899 ug/l	100
18) 2-Butanone	4.27	43	205587	30.084 ug/l	97
19) Cyclohexane	4.99	56	182594	5.735 ug/l	90
20) Methylcyclohexane	6.41	83	167117	5.446 ug/l	98
21) 2,2-Dichloropropane	4.22	77	185564	5.520 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	130894	5.486 ug/l	97
23) Diethyl Ether	2.10	59	104832	4.703 ug/l	97
24) tert-Butyl Alcohol	2.83	59	109874	46.692 ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	314827	4.532 ug/l	99
26) Bromochloromethane	4.54	128	56336	5.241 ug/l	98
27) Chloroform	4.67	83	237384	5.518 ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	197536	5.425 ug/l	100
29) 1,1-Dichloropropene	5.13	75	168183	5.484 ug/l	98
30) Carbon Tetrachloride	5.13	117	169963	5.323 ug/l	100
31) Isopropyl Ether	3.57	45	387943	5.947 ug/l	98
32) Ethyl-t-butyl ether	4.06	59	318225	5.806 ug/l	100
33) Tert-Amyl methyl ether	5.58	73	261180	5.604 ug/l	99
34) Propionitrile	4.33	54	54033	28.727 ug/l #	92
35) Benzene	5.38	78	509080	5.632 ug/l	98
36) 1,2-Dichloroethane	5.40	62	161535	5.607 ug/l	99
37) Trichloroethene	6.18	130	122561	4.910 ug/l	96
38) 1,2-Dichloropropane	6.43	63	141098	5.824 ug/l	100
39) Methacrylonitrile	4.54	41	47768	5.653 ug/l	98
40) Methyl acrylate	4.42	55	63380	5.813 ug/l	97
41) Tetrahydrofuran	4.64	42	49726	11.541 ug/l	99
42) 1-Chlorobutane	5.06	56	260213	5.931 ug/l	97

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Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Apr 26 03:01:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
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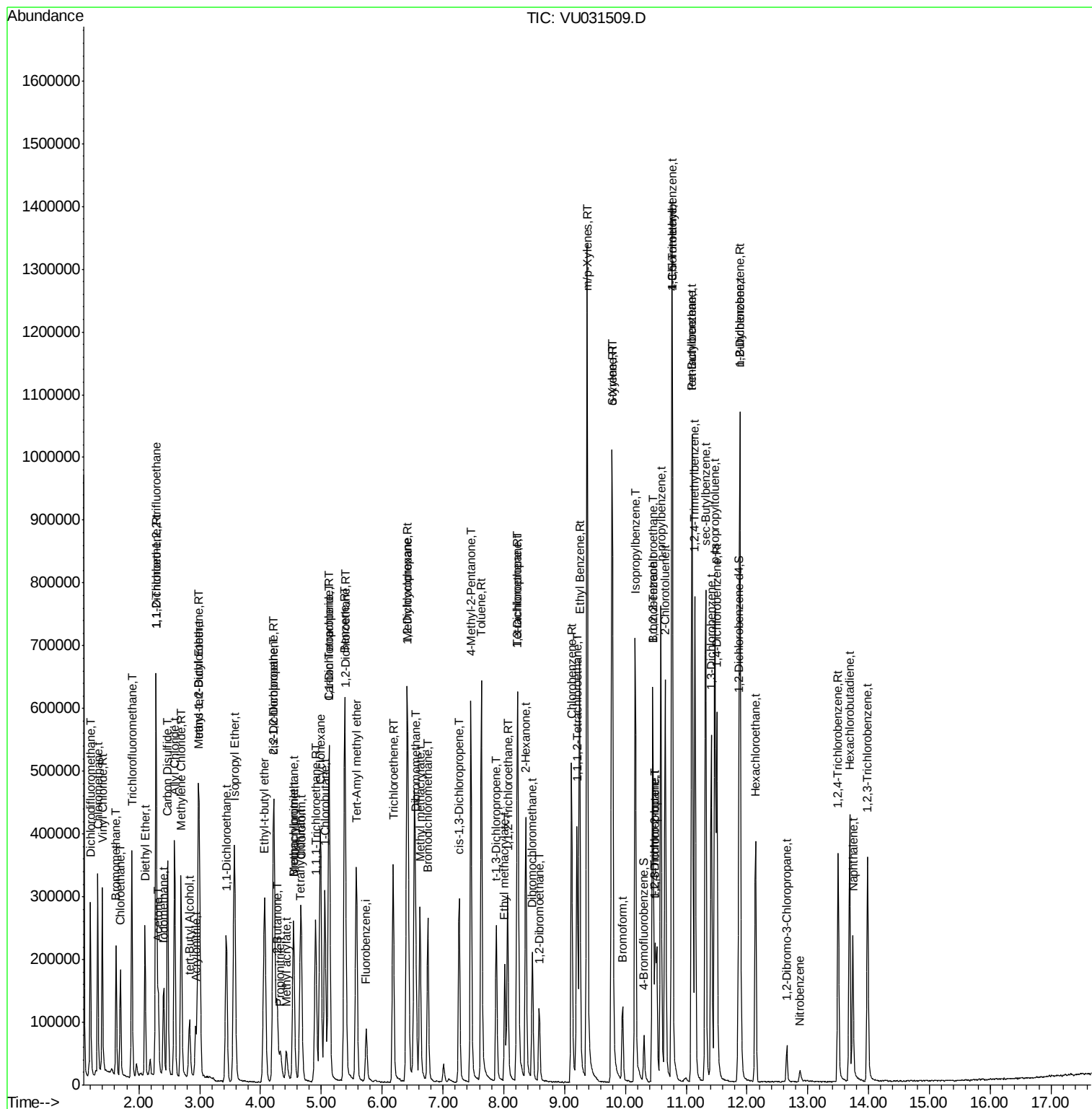
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	68405	5.333	ug/l	100
44) Bromodichloromethane	6.75	83	172997	5.567	ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	431932	28.477	ug/l	98
46) t-1,4-Dichloro-2-butene	10.49	75	138071	24.501	ug/l #	49
47) Methyl methacrylate	6.62	69	115640	10.793	ug/l	98
48) Ethyl methacrylate	8.02	69	99183	5.253	ug/l	99
49) Toluene	7.63	92	272527	5.531	ug/l	95
50) t-1,3-Dichloropropene	7.88	75	140077	5.340	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	169435	5.423	ug/l	99
52) 1,1,2-Trichloroethane	8.06	97	90364	5.253	ug/l	94
53) 1,3-Dichloropropane	8.24	76	164304	5.586	ug/l	100
54) 2-Hexanone	8.36	43	291787	28.437	ug/l	97
55) Dibromochloromethane	8.47	129	102769	5.058	ug/l	98
56) 1,2-Dibromoethane	8.58	107	83483	5.230	ug/l	99
58) Tetrachloroethene	8.22	164	119861	5.623	ug/l	98
59) Chlorobenzene	9.12	112	279009	5.148	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.20	131	106946	5.247	ug/l	99
61) Pentachloroethane	11.10	117	75305	4.835	ug/l	93
62) Hexachloroethane	12.14	117	74974	4.926	ug/l	98
63) Ethyl Benzene	9.25	91	479768	5.510	ug/l	100
64) m/p-Xylenes	9.37	106	372973	11.298	ug/l	98
65) o-Xylene	9.77	106	176091	5.558	ug/l	99
66) Styrene	9.79	104	306690	5.709	ug/l	98
67) Bromoform	9.95	173	53854	4.642	ug/l	98
69) Isopropylbenzene	10.16	105	454132	5.362	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	116803	5.230	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	138071	8.587	ug/l #	79
72) Bromobenzene	10.45	156	111549	5.020	ug/l	95
73) n-propylbenzene	10.58	120	121210	5.372	ug/l	95
74) 2-Chlorotoluene	10.66	126	117632	5.660	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	415471	5.765	ug/l	98
76) 4-Chlorotoluene	10.77	126	118479	5.639	ug/l	99
77) tert-Butylbenzene	11.10	119	367374	5.279	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	422449	5.830	ug/l	99
79) sec-Butylbenzene	11.32	105	523693	5.550	ug/l	99
80) Nitrobenzene	12.86	77	11089	15.681	ug/l #	46
81) p-Isopropyltoluene	11.47	119	411350	5.449	ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	230306	5.239	ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	229523	5.409	ug/l	99
84) n-Butylbenzene	11.89	91	391044	5.350	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	212916	5.187	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	16640	5.255	ug/l	93
87) 1,2,4-Trichlorobenzene	13.50	180	112340	4.568	ug/l	97
88) Hexachlorobutadiene	13.69	225	76715	4.608	ug/l	98
89) Naphthalene	13.74	128	189138	4.600	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	114319	4.631	ug/l	96

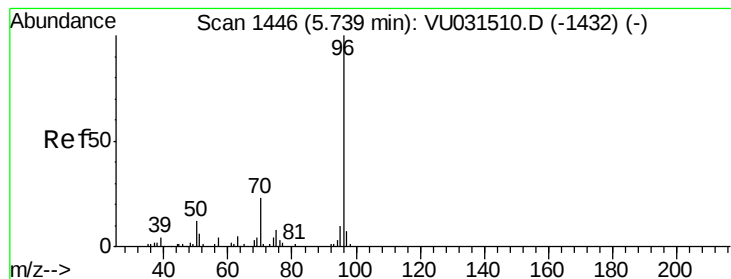
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
Client Sample ID :
VSTDIC005

Quant Time: Apr 26 03:01:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
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QLast Update : Fri Apr 26 02:56:29 2019
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 75451

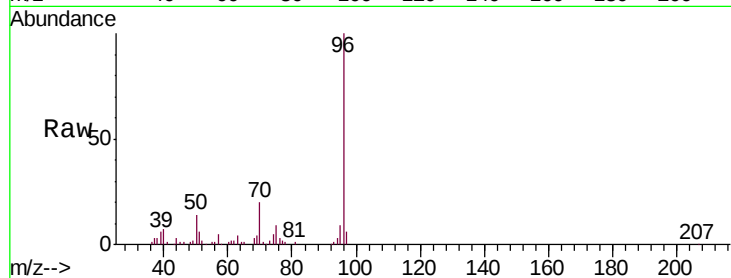
Ion Ratio Lower Upper

96 100

70 21.4 18.2 27.2

95 7.8 7.7 11.5

97 0.0 0.0 0.0

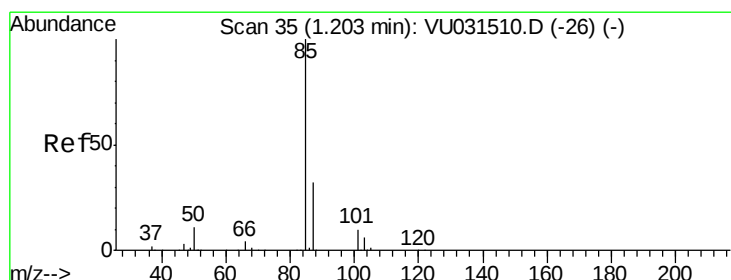
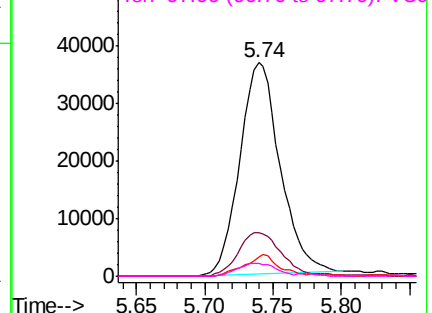
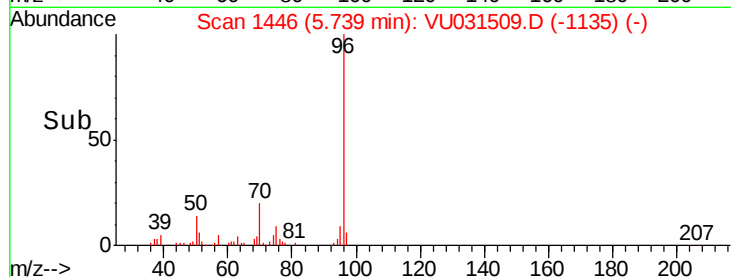


Abundance Ion 96.00 (95.70 to 96.70): VU031510.D (-1432) (-)

Ion 70.00 (69.70 to 70.70): VU031510.D (-1432) (-)

Ion 95.00 (94.70 to 95.70): VU031510.D (-1432) (-)

Ion 97.00 (96.70 to 97.70): VU031510.D (-1432) (-)



#2

Dichlorodifluoromethane

Concen: 5.240 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031509.D

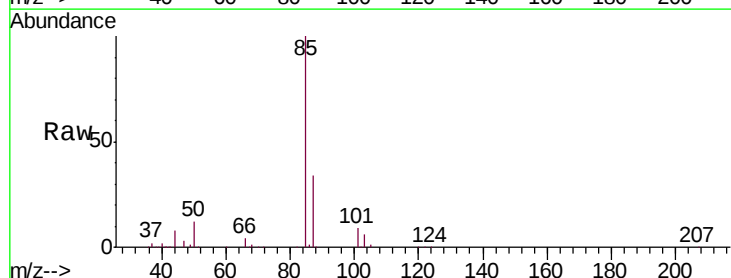
Acq: 25 Apr 2019 19:50

Tgt Ion: 85 Resp: 171315

Ion Ratio Lower Upper

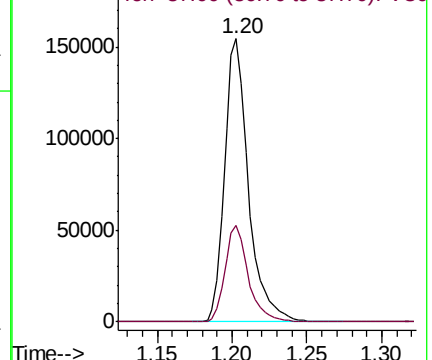
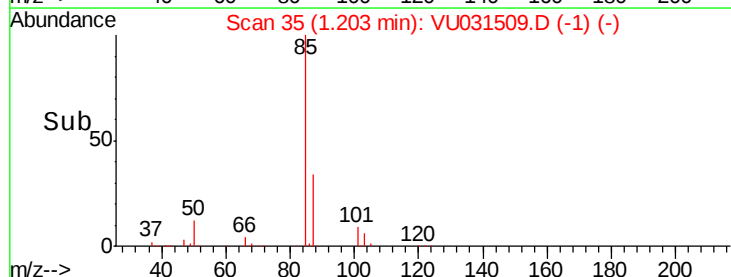
85 100

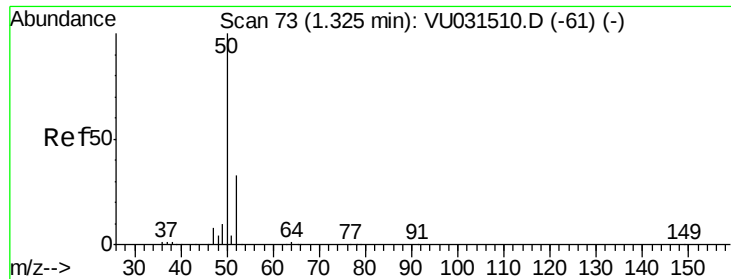
87 34.1 16.1 48.2



Abundance Ion 85.00 (84.70 to 85.70): VU031510.D (-26) (-)

Ion 87.00 (86.70 to 87.70): VU031510.D (-26) (-)





#3

Chloromethane

Concen: 5.773 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

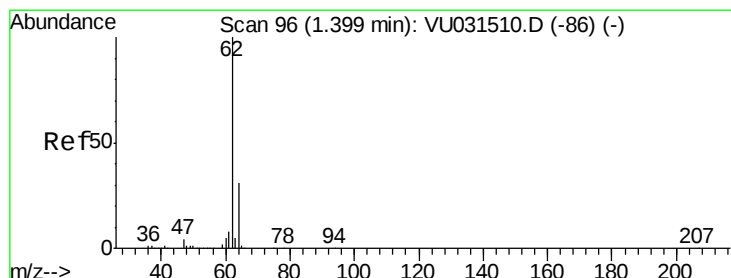
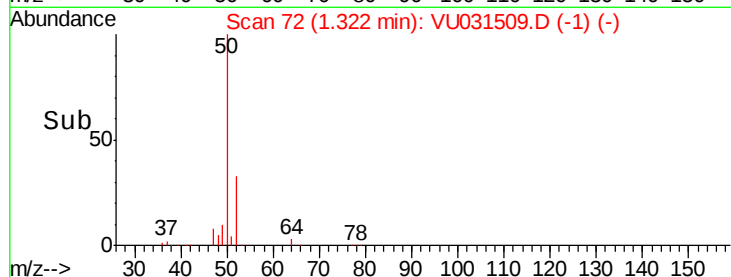
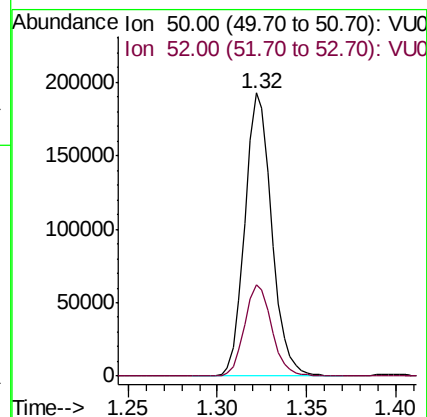
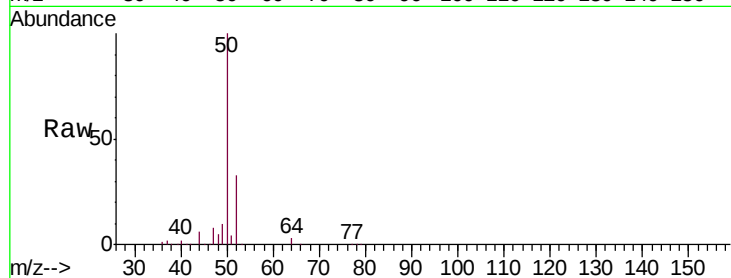
VSTDIC005

Tgt Ion: 50 Resp: 202999

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 5.646 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031509.D

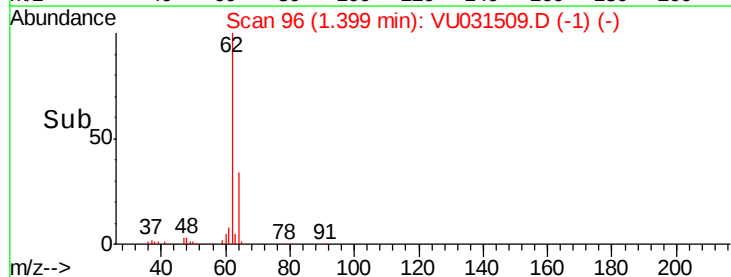
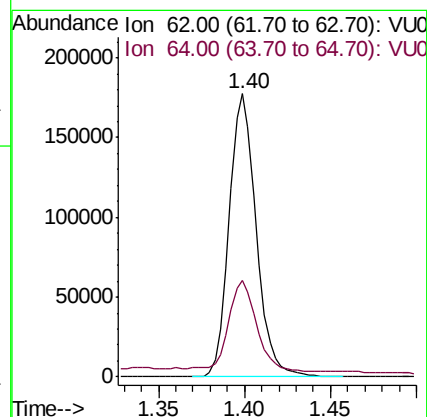
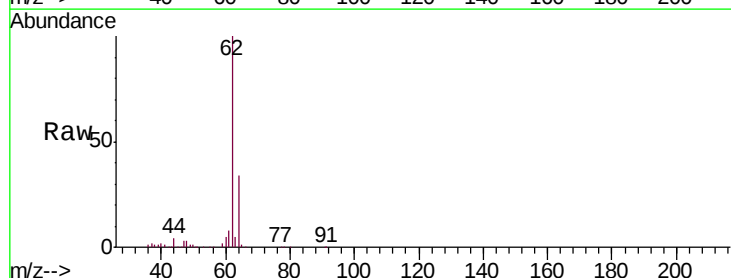
Acq: 25 Apr 2019 19:50

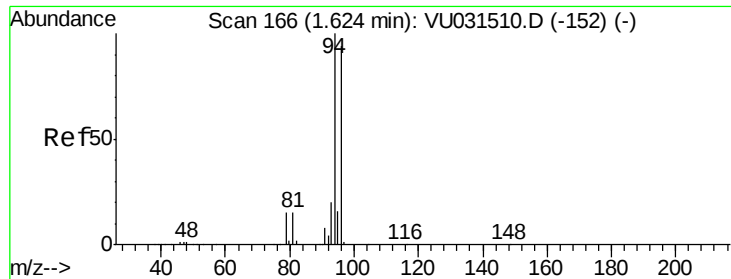
Tgt Ion: 62 Resp: 193961

Ion Ratio Lower Upper

62 100

64 32.3 25.5 38.3





#5

Bromomethane

Concen: 4.693 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

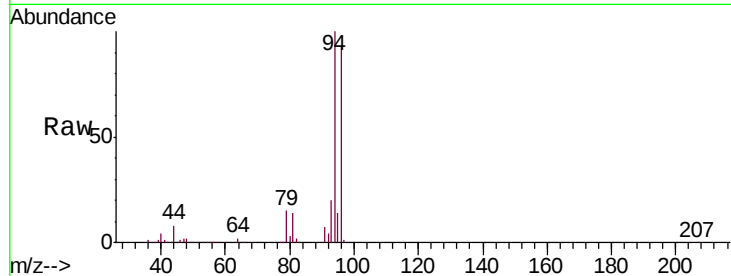
VSTDIC005

Tgt Ion: 94 Resp: 90554

Ion Ratio Lower Upper

94 100

96 93.2 75.5 113.3

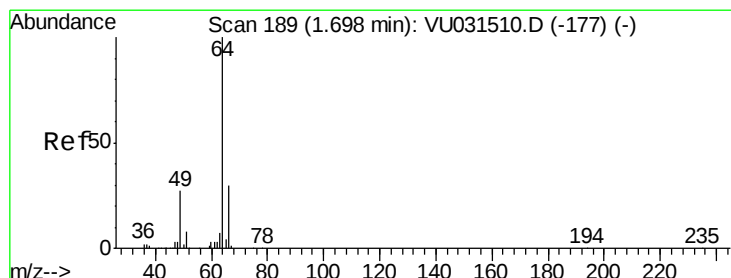
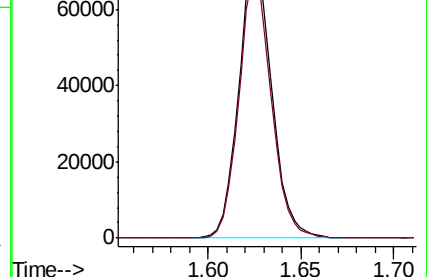
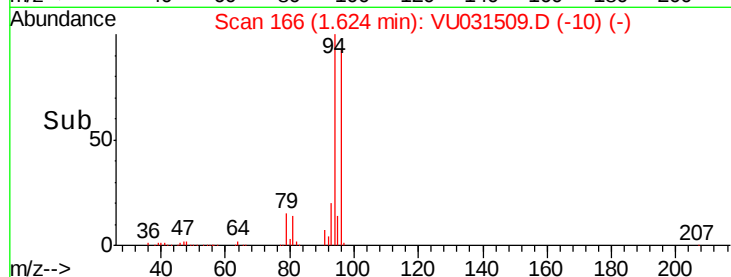


Abundance Ion 94.00 (93.70 to 94.70): VU031510.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU031510.D (-152) (-)

1.62

Time-->



#6

Chloroethane

Concen: 4.706 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU031509.D

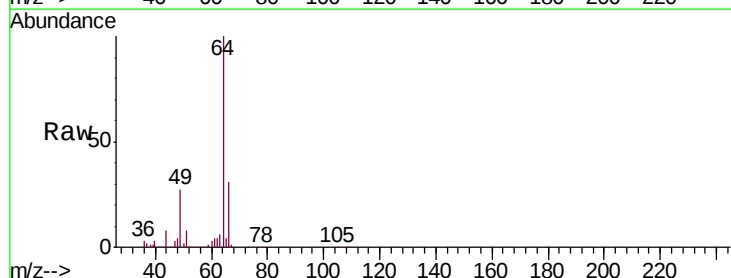
Acq: 25 Apr 2019 19:50

Tgt Ion: 64 Resp: 107453

Ion Ratio Lower Upper

64 100

66 31.5 24.3 36.5

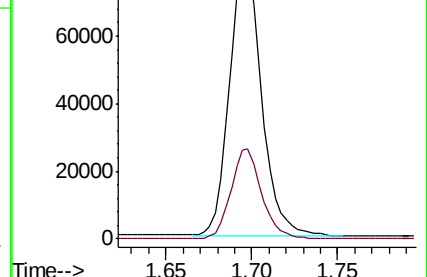
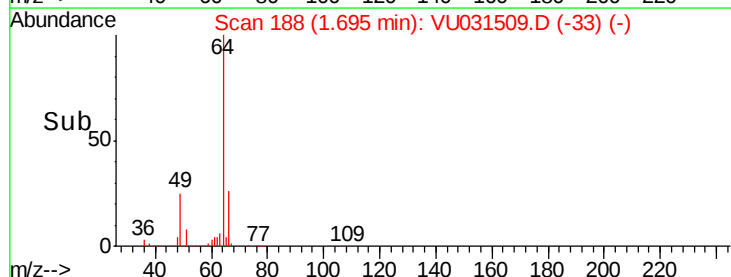


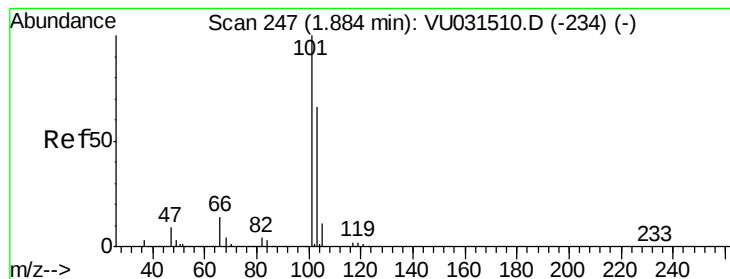
Abundance Ion 64.00 (63.70 to 64.70): VU031510.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU031510.D (-177) (-)

1.69

Time-->



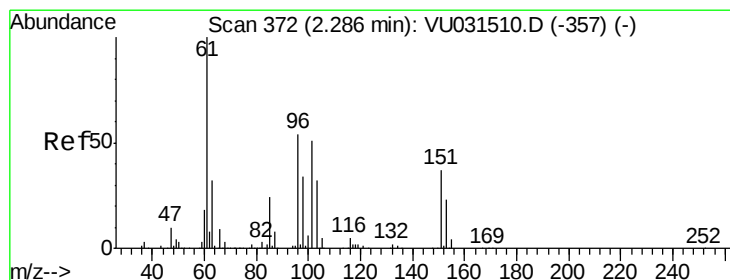
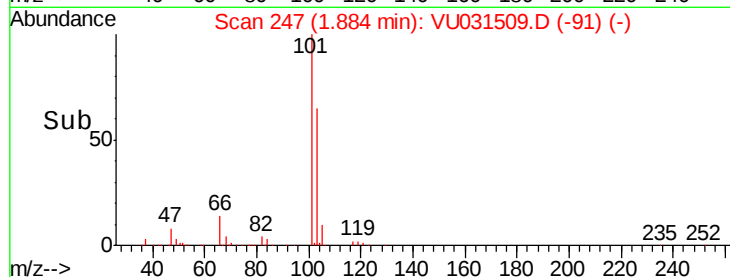
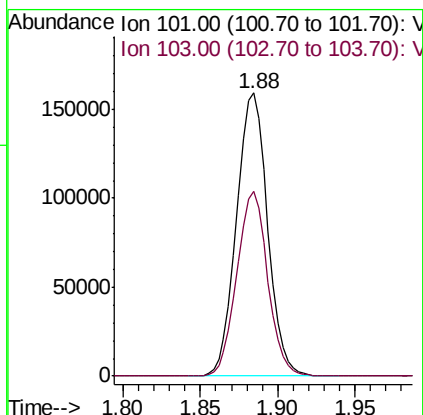
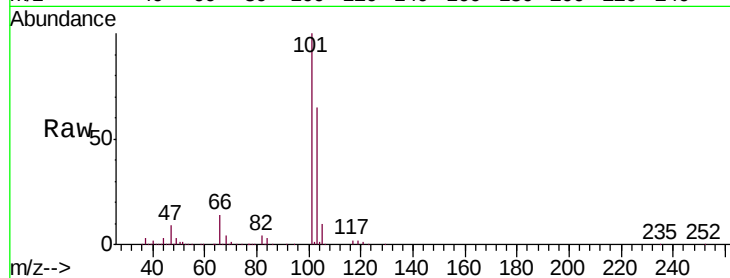


#7

Trichlorofluoromethane
 Concen: 4.620 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Instrument :
 MSVOA_U
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 VSTDIC005

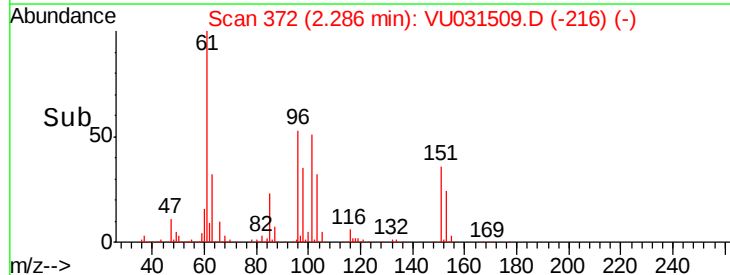
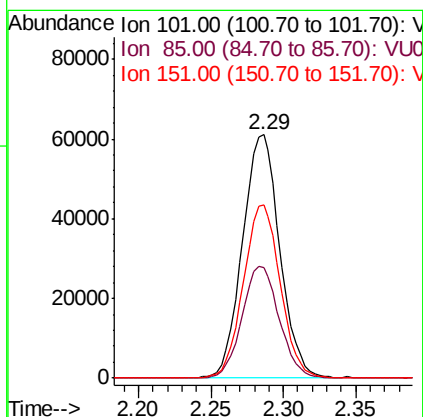
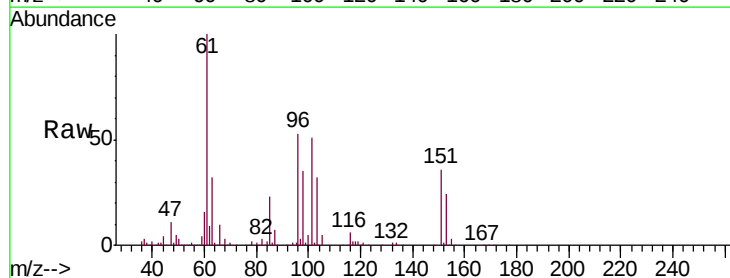
Tgt Ion:101 Resp: 222454
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2

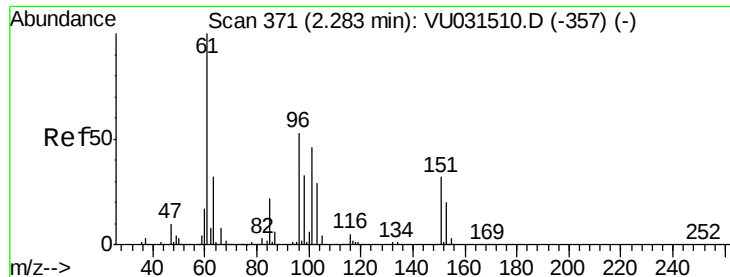


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.552 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:101 Resp: 108740
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.8 56.6
 151 70.6 57.4 86.0





#9

1,1-Dichloroethene

Concen: 4.598 ug/l

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

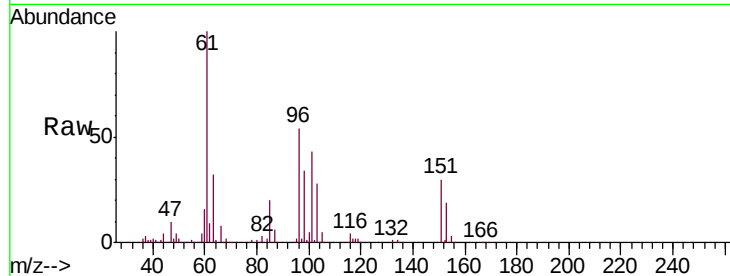
Tgt Ion: 96 Resp: 109720

Ion Ratio Lower Upper

96 100

61 186.2 0.0 566.7

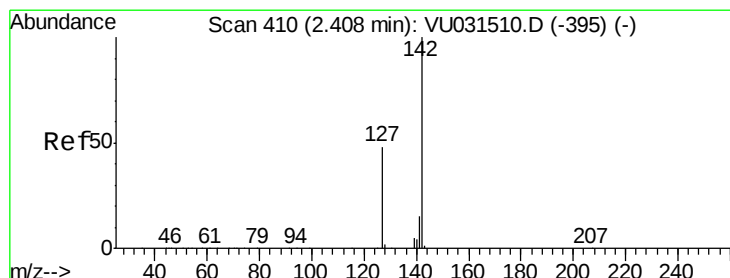
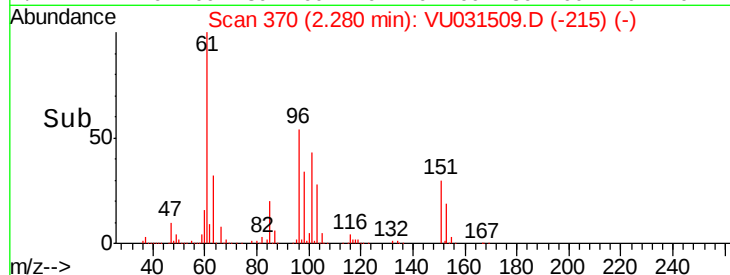
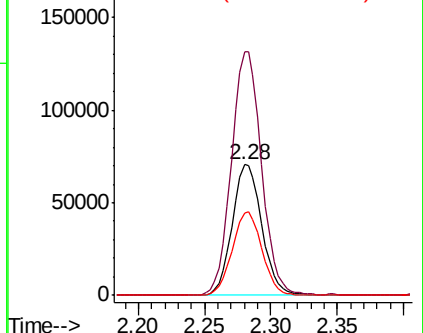
98 63.2 0.0 126.4



Abundance Ion 96.00 (95.70 to 96.70): VU031510.D (-357) (-)

Ion 61.00 (60.70 to 61.70): VU031510.D (-357) (-)

Ion 98.00 (97.70 to 98.70): VU031510.D (-357) (-)



#10

Iodomethane

Concen: 4.053 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU031509.D

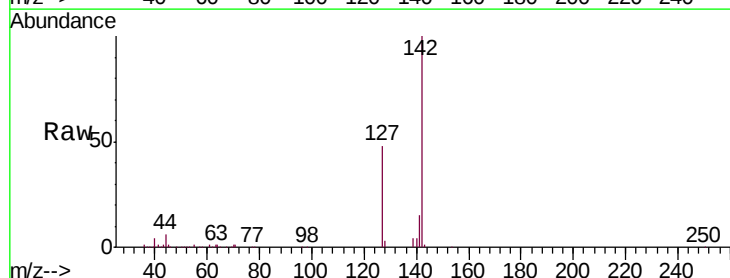
Acq: 25 Apr 2019 19:50

Tgt Ion: 142 Resp: 127435

Ion Ratio Lower Upper

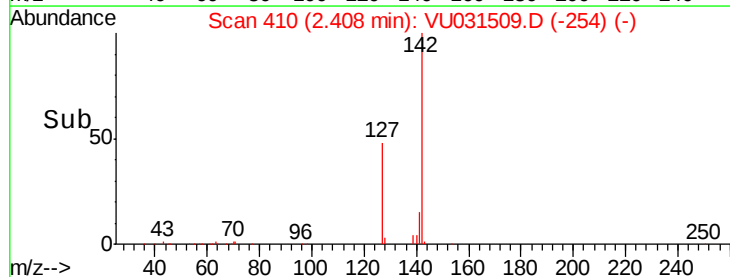
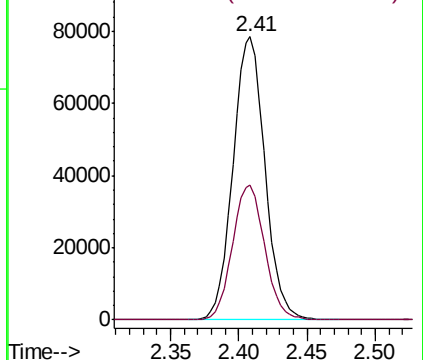
142 100

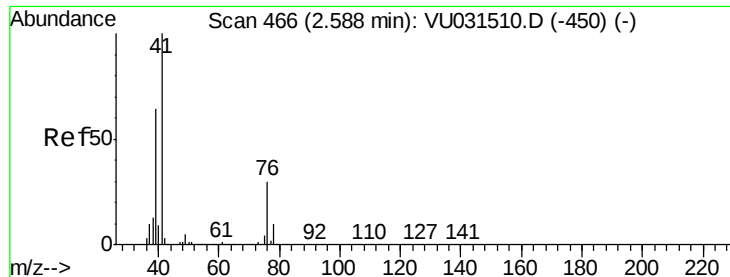
127 48.2 38.2 57.2



Abundance Ion 142.00 (141.70 to 142.70): VU031510.D (-395) (-)

Ion 127.00 (126.70 to 127.70): VU031510.D (-395) (-)





#11

Allyl Chloride

Concen: 5.006 ug/l

RT: 2.59 min Scan# 466

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

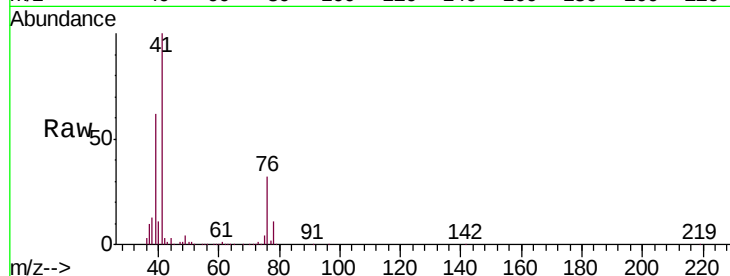
VSTDIC005

Tgt Ion: 41 Resp: 237283

Ion Ratio Lower Upper

41 100

39 65.2 51.4 77.0



Abundance Ion 41.00 (40.70 to 41.70): VU031510.D (-450) (-)

Ion 39.00 (38.70 to 39.70): VU031510.D (-450) (-)

2.59

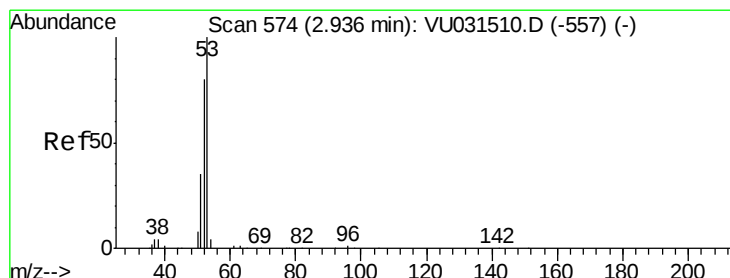
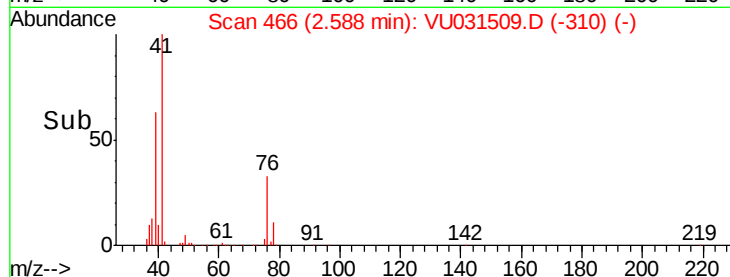
150000

100000

50000

0

Time-->



#12

Acrylonitrile

Concen: 9.514 ug/l

RT: 2.93 min Scan# 573

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

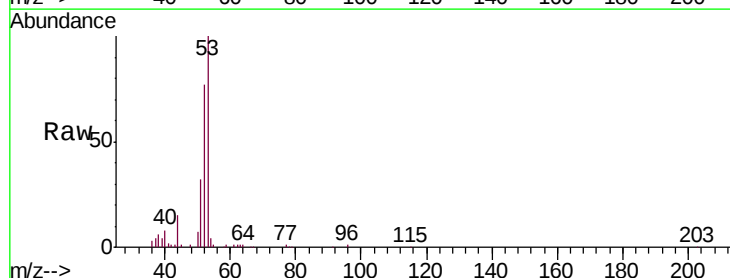
Tgt Ion: 53 Resp: 65871

Ion Ratio Lower Upper

53 100

52 79.0 69.4 104.0

51 34.4 27.5 41.3



Abundance Ion 53.00 (52.70 to 53.70): VU031510.D (-557) (-)

Ion 52.00 (51.70 to 52.70): VU031510.D (-557) (-)

Ion 51.00 (50.70 to 51.70): VU031510.D (-557) (-)

2.93

40000

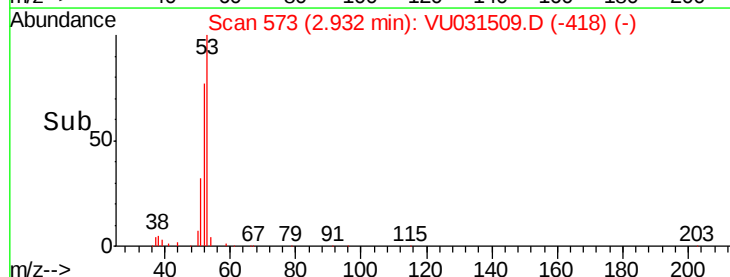
30000

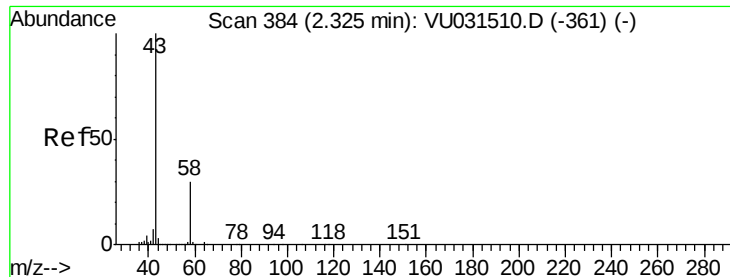
20000

10000

0

Time-->





#13

Acetone

Concen: 22.582 ug/l

RT: 2.32 min Scan# 382

Delta R.T. -0.01 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

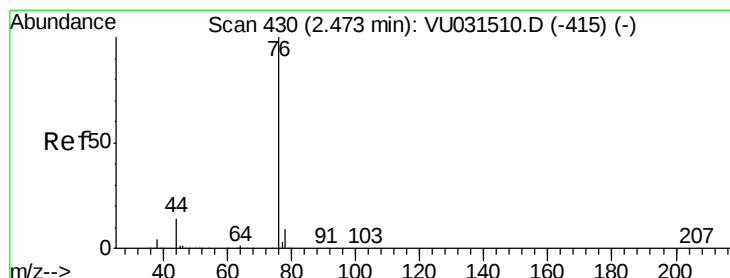
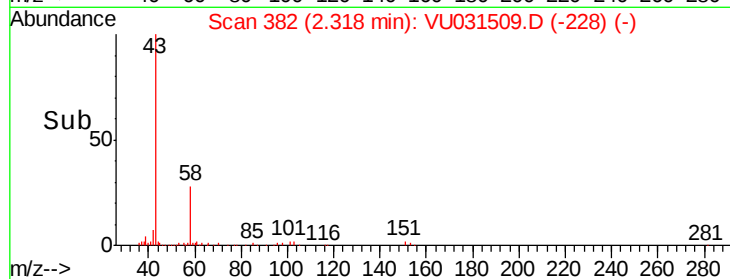
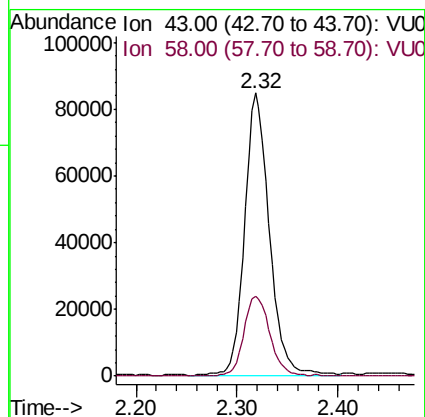
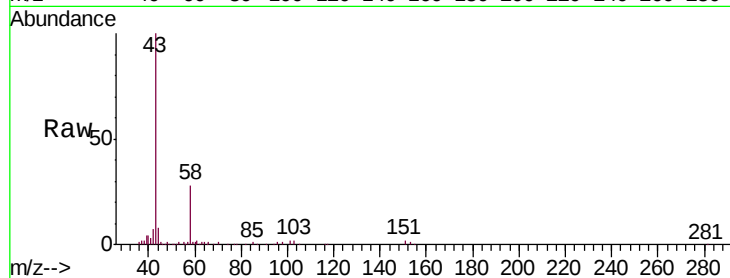
VSTDIC005

Tgt Ion: 43 Resp: 142731

Ion Ratio Lower Upper

43 100

58 27.8 24.1 36.1



#14

Carbon Disulfide

Concen: 4.734 ug/l

RT: 2.47 min Scan# 430

Delta R.T. 0.00 min

Lab File: VU031509.D

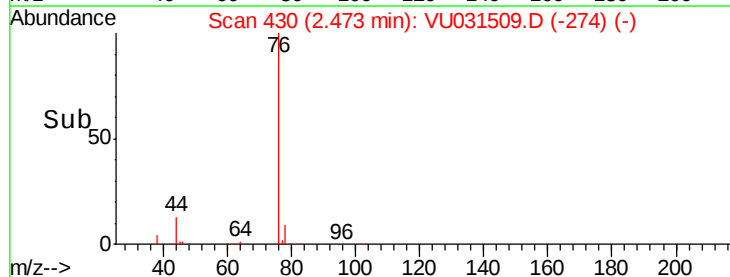
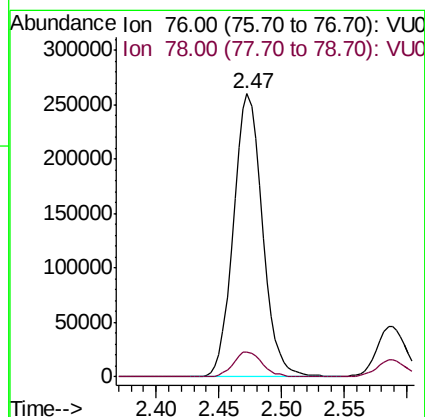
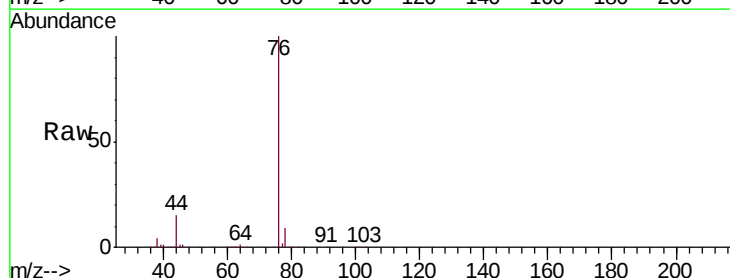
Acq: 25 Apr 2019 19:50

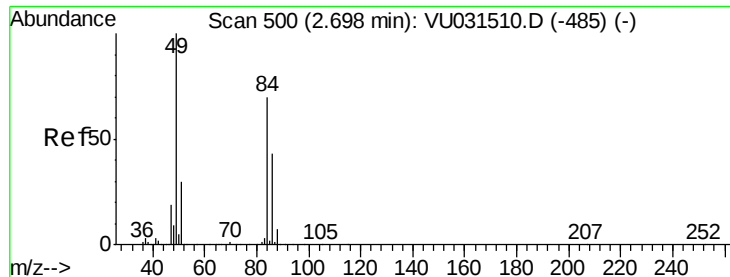
Tgt Ion: 76 Resp: 418811

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

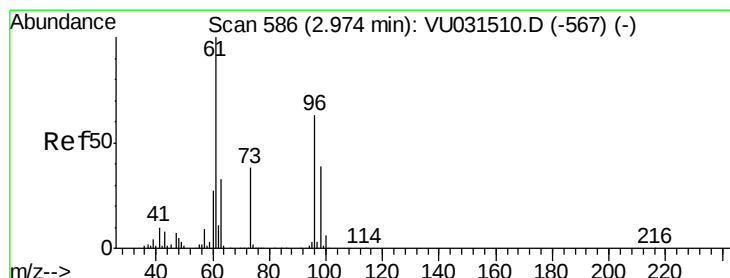
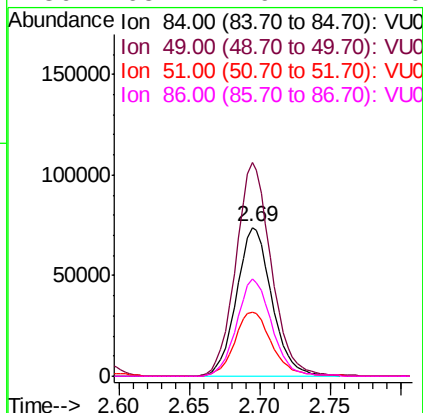
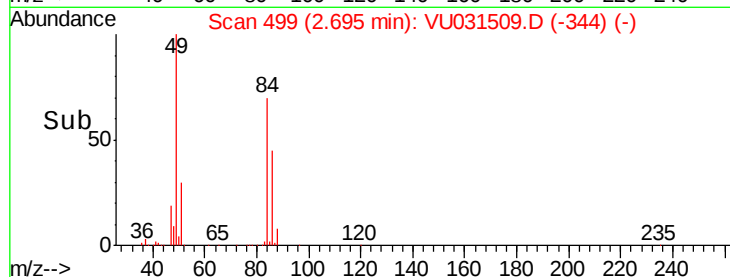
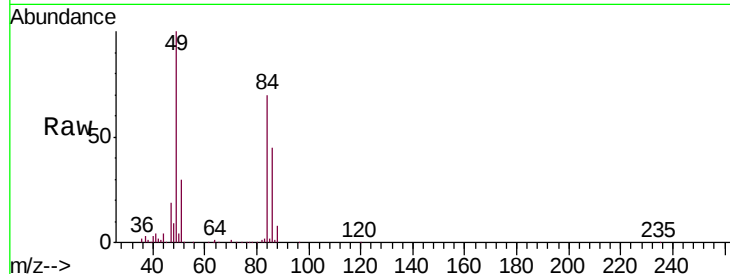




#15
Methylene Chloride
Concen: 4.223 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

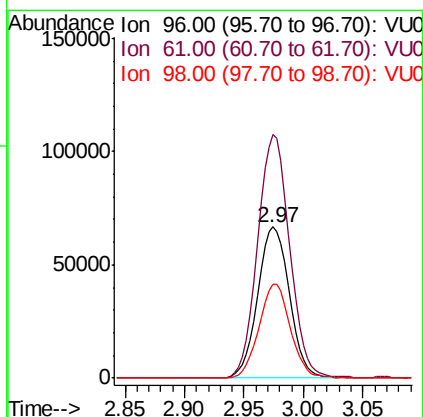
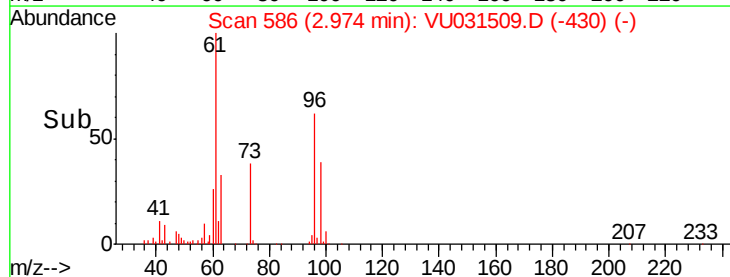
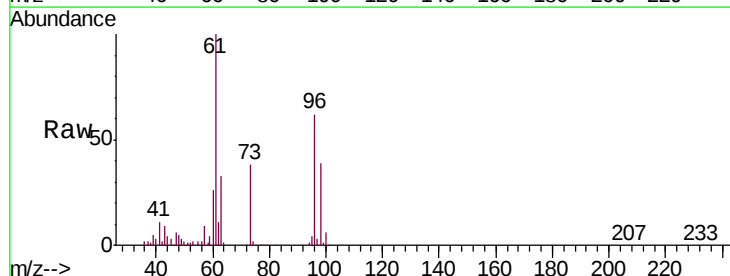
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

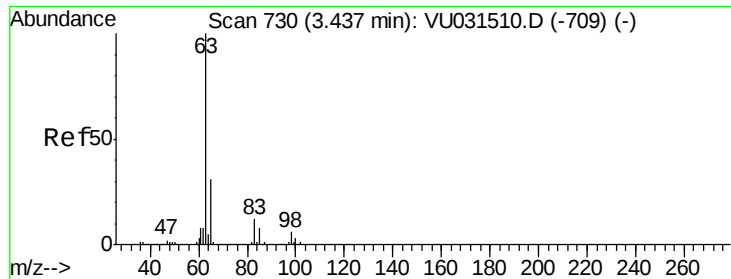
Tgt Ion:	84	Resp:	129574
Ion	Ratio	Lower	Upper
84	100		
49	143.8	113.6	170.4
51	43.2	0.0	85.6
86	65.1	49.4	74.0



#16
trans-1,2-Dichloroethene
Concen: 4.679 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion:	96	Resp:	123473
Ion	Ratio	Lower	Upper
96	100		
61	161.4	127.2	190.8
98	62.4	49.4	74.0

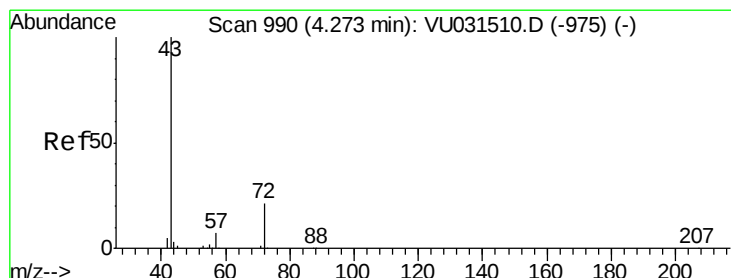
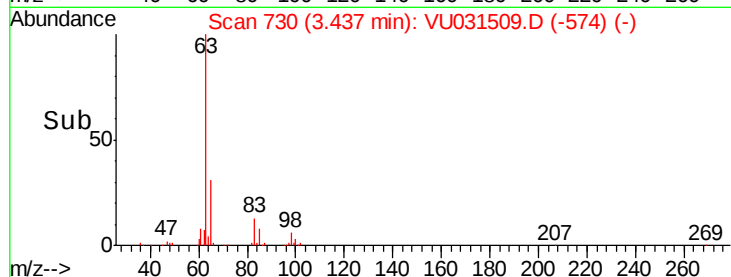
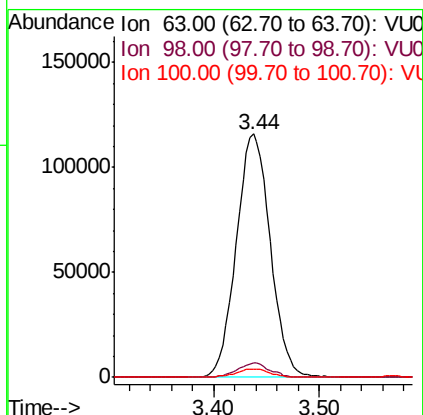
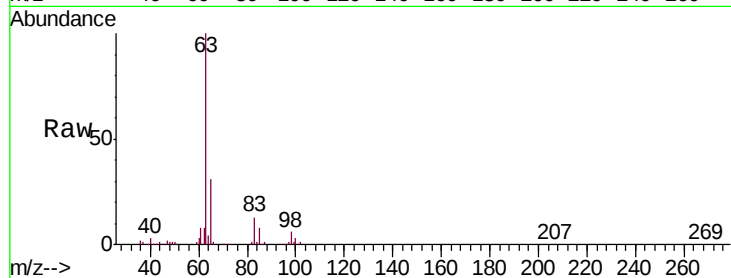




#17
 1,1-Dichloroethane
 Concen: 5.899 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

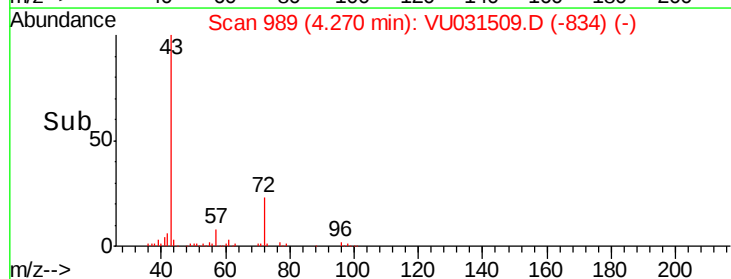
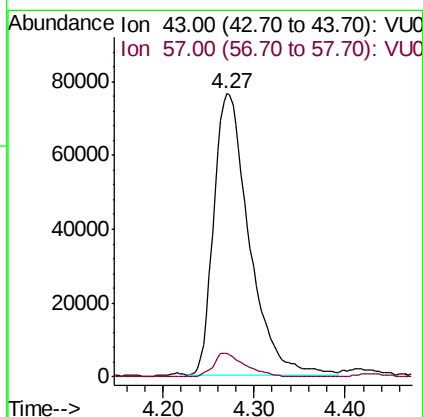
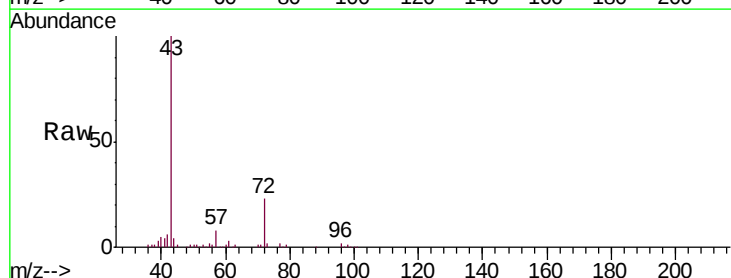
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

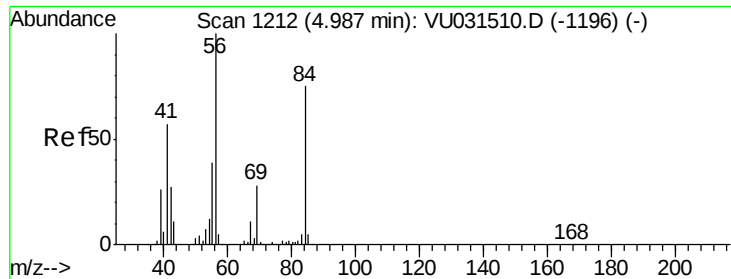
Tgt Ion:	63	Resp:	259735
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.0	9.2
100	3.4	1.7	5.1



#18
 2-Butanone
 Concen: 30.084 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:	43	Resp:	205587
Ion	Ratio	Lower	Upper
43	100		
57	8.1	0.0	14.2

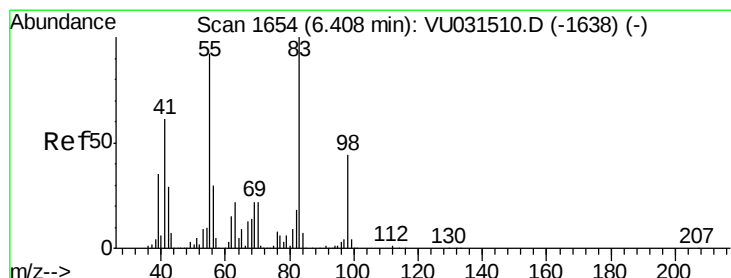
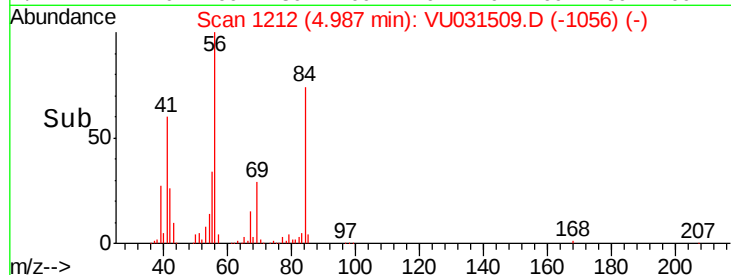
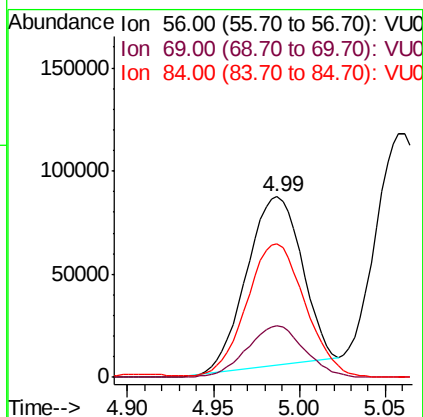
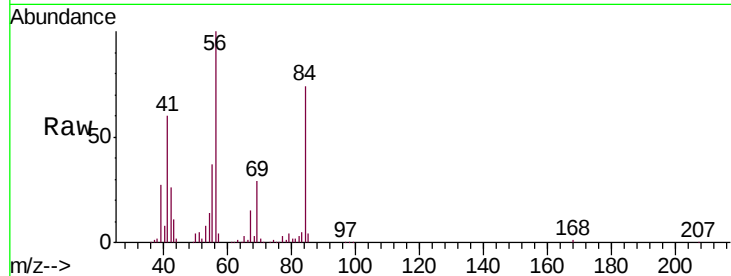




#19
Cyclohexane
Concen: 5.735 ug/l
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

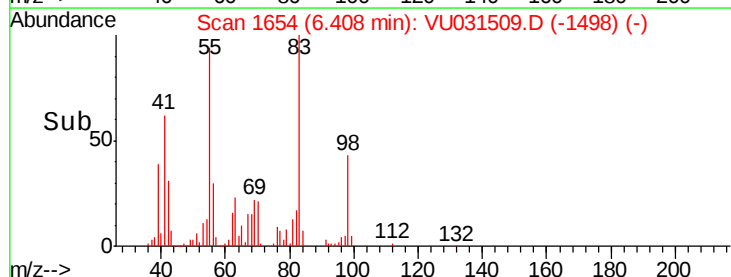
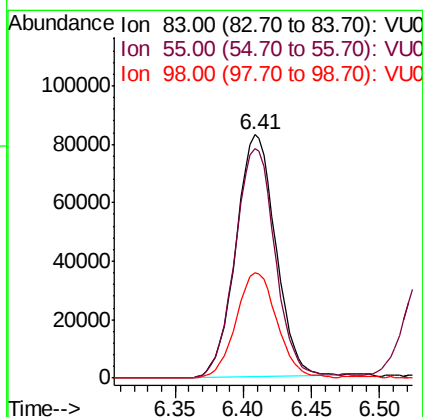
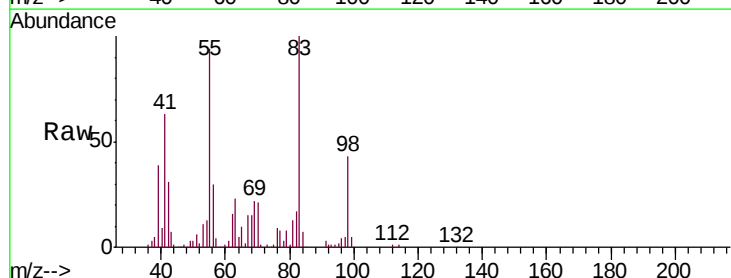
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

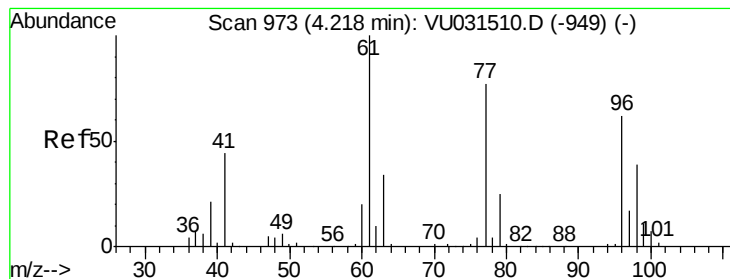
Tgt Ion: 56 Resp: 182594
Ion Ratio Lower Upper
56 100
69 31.9 22.4 33.6
84 82.9 59.0 88.4



#20
Methylcyclohexane
Concen: 5.446 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 83 Resp: 167117
Ion Ratio Lower Upper
83 100
55 94.5 73.7 110.5
98 44.5 35.2 52.8





#21

2,2-Dichloropropane

Concen: 5.520 ug/l

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

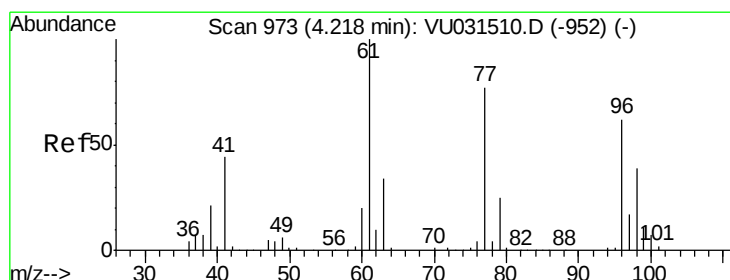
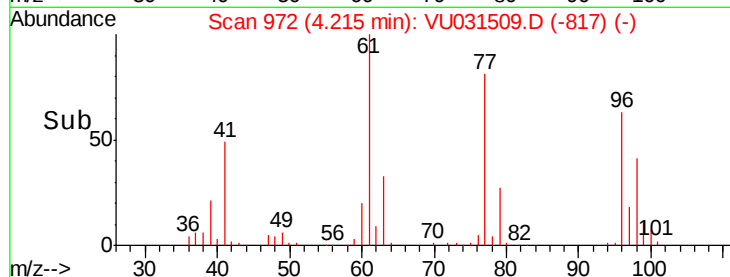
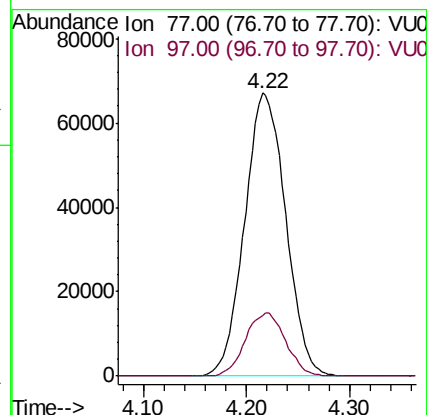
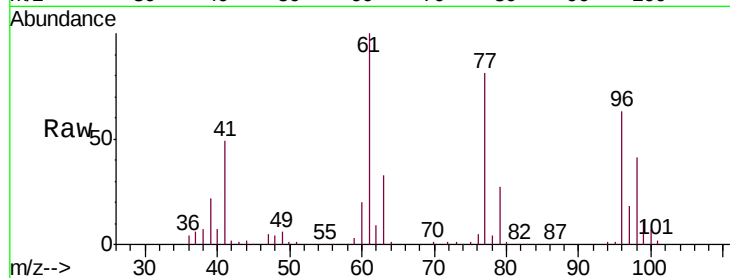
VSTDIC005

Tgt Ion: 77 Resp: 185564

Ion Ratio Lower Upper

77 100

97 21.9 17.5 26.3



#22

cis-1,2-Dichloroethene

Concen: 5.486 ug/l

RT: 4.22 min Scan# 972

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

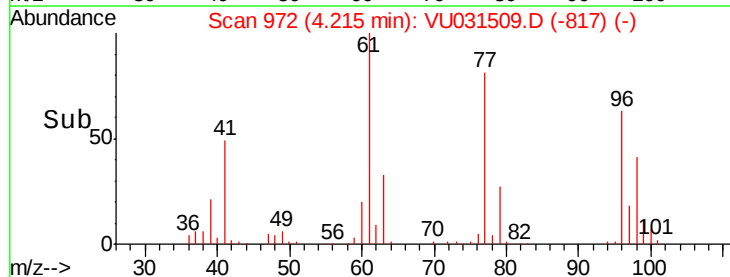
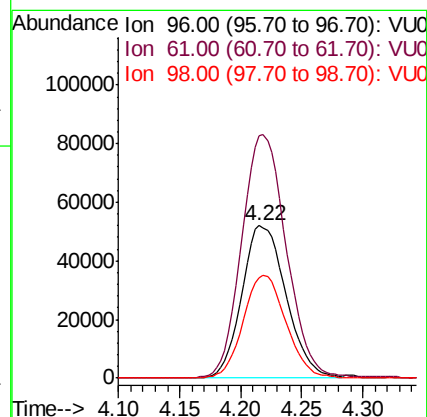
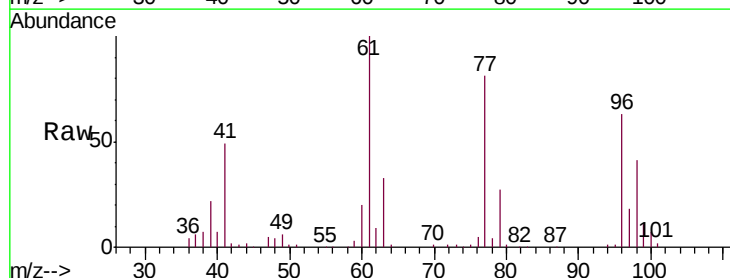
Tgt Ion: 96 Resp: 130894

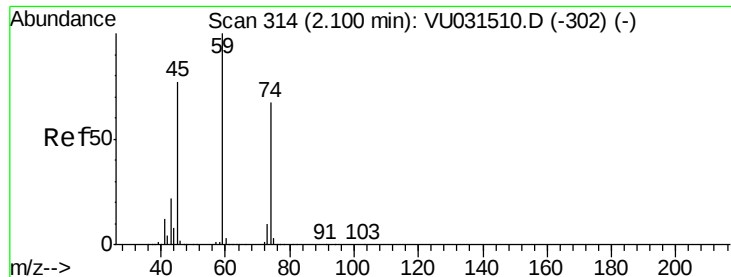
Ion Ratio Lower Upper

96 100

61 160.5 0.0 408.8

98 65.2 31.1 93.3

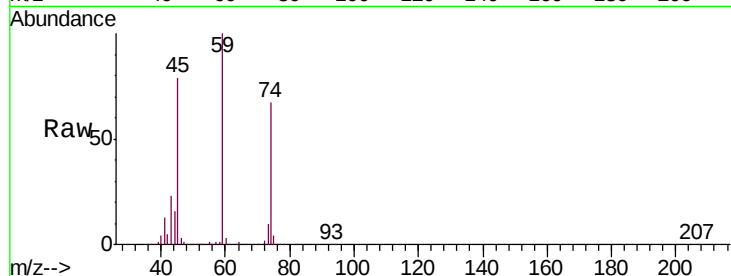




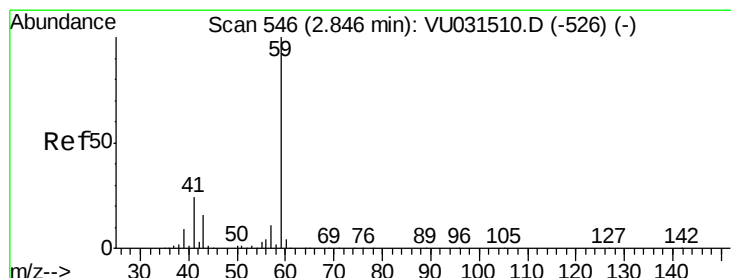
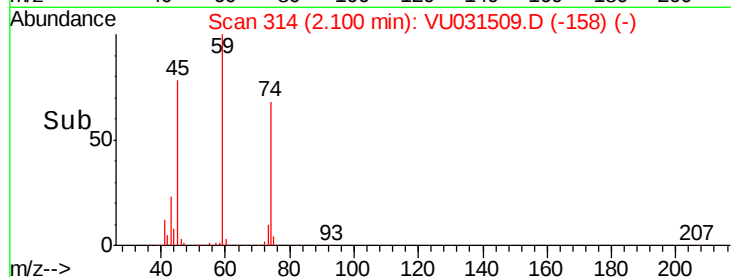
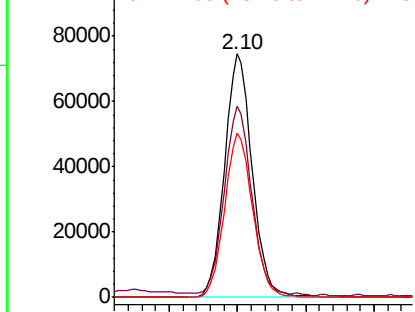
#23
Diethyl Ether
Concen: 4.703 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 104832
Ion Ratio Lower Upper
59 100
45 76.4 64.5 96.7
74 68.6 54.6 81.8

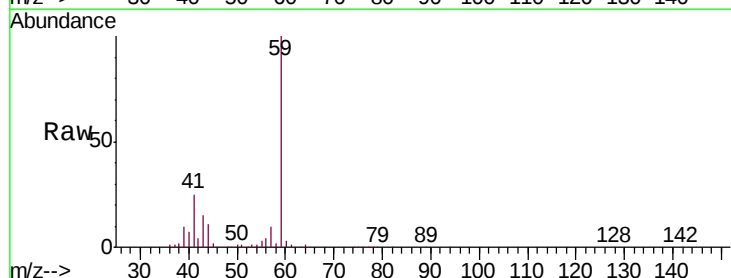


Abundance Ion 59.00 (58.70 to 59.70): VU0
Ion 45.00 (44.70 to 45.70): VU0
Ion 74.00 (73.70 to 74.70): VU0

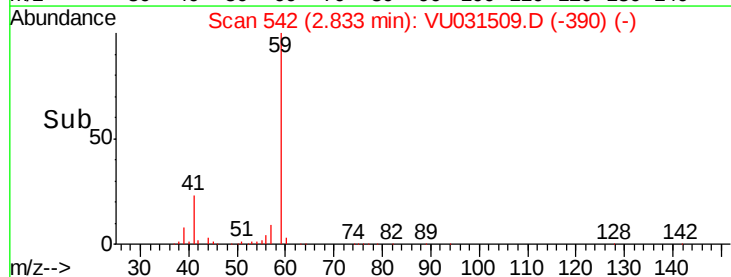
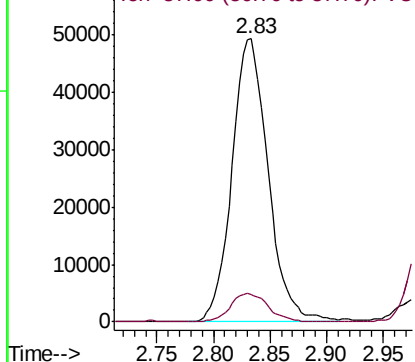


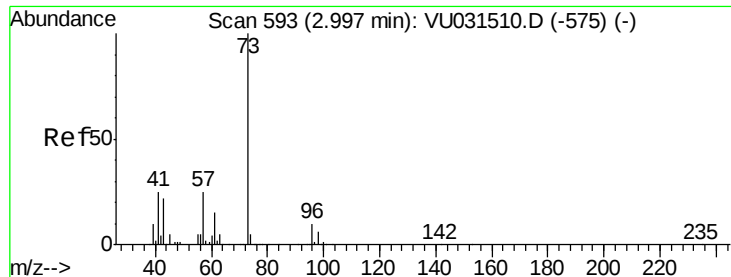
#24
tert-Butyl Alcohol
Concen: 46.692 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.01 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 59 Resp: 109874
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2



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





#25

Methyl tert-Butyl Ether

Concen: 4.532 ug/l

RT: 3.00 min Scan# 593

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

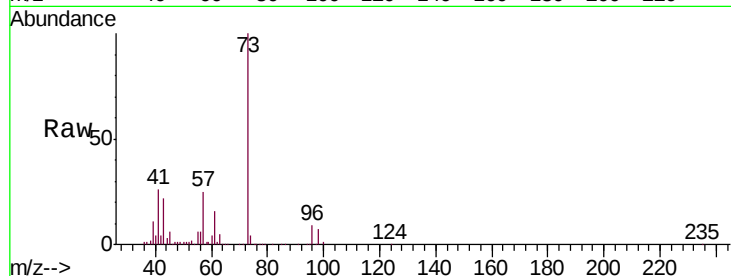
VSTDIC005

Tgt Ion: 73 Resp: 314827

Ion Ratio Lower Upper

73 100

43 21.6 16.9 25.3



Abundance Ion 73.00 (72.70 to 73.70): VU031510.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU031510.D (-575) (-)

3.00

150000

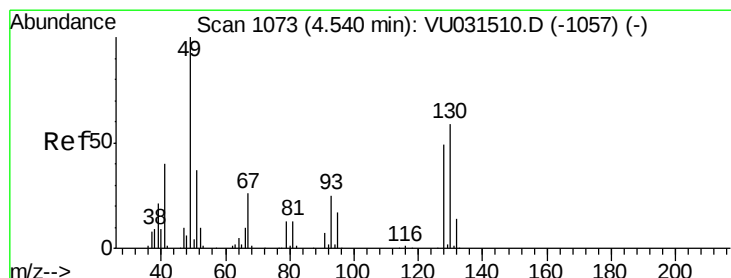
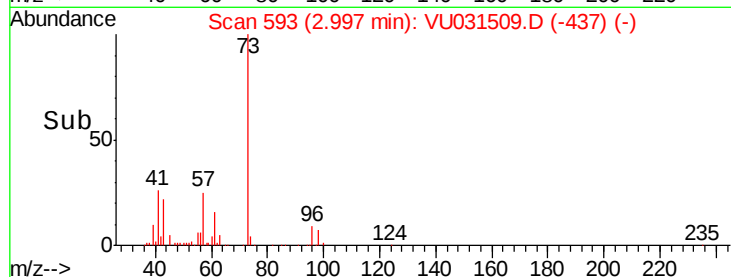
100000

50000

0

2.90 2.95 3.00 3.05 3.10

Time-->



#26

Bromochloromethane

Concen: 5.241 ug/l

RT: 4.54 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

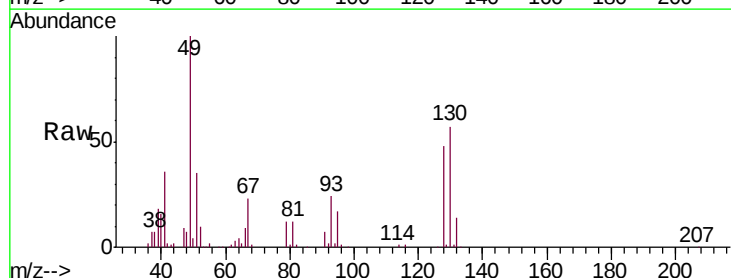
Tgt Ion: 128 Resp: 56336

Ion Ratio Lower Upper

128 100

49 200.9 0.0 407.2

130 124.1 101.4 152.2



Abundance Ion 128.00 (127.70 to 128.70): VU031510.D (-1057) (-)

Ion 49.00 (48.70 to 49.70): VU031510.D (-1057) (-)

Ion 130.00 (129.70 to 130.70): VU031510.D (-1057) (-)

4.54

60000

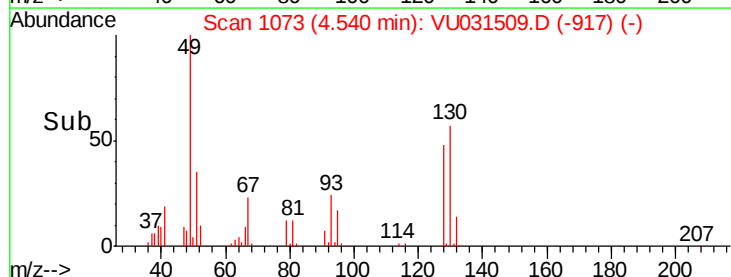
40000

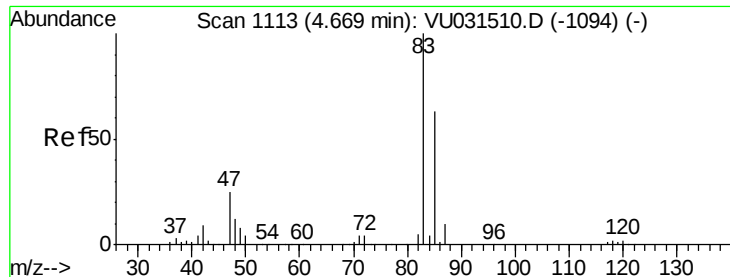
20000

0

4.45 4.50 4.55 4.60 4.65

Time-->

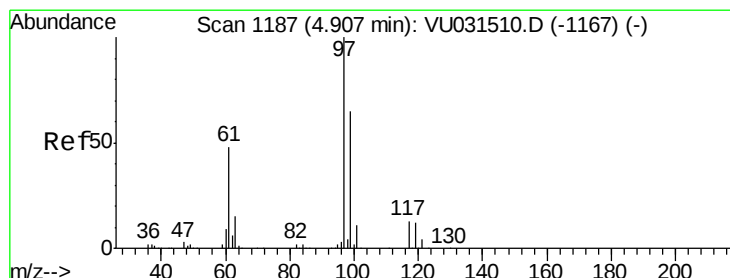
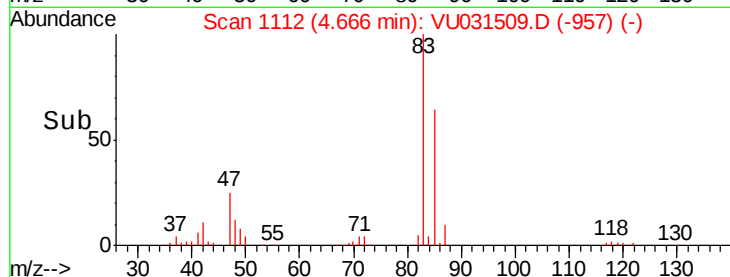
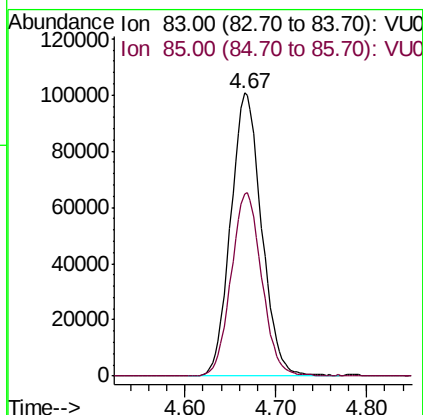
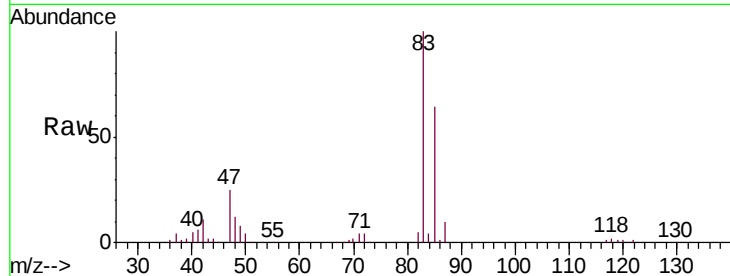




#27
Chloroform
Concen: 5.518 ug/l
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

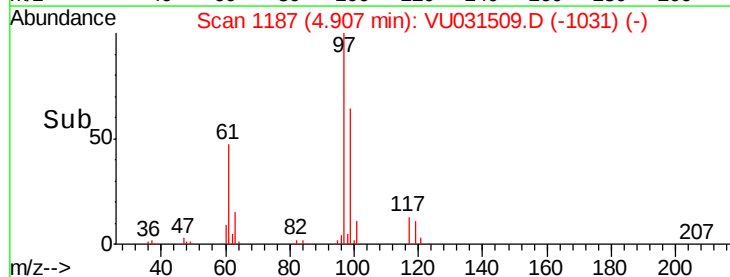
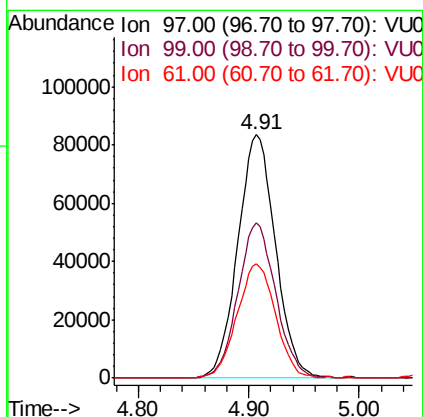
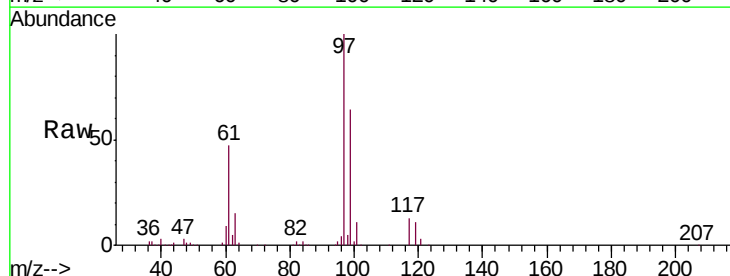
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

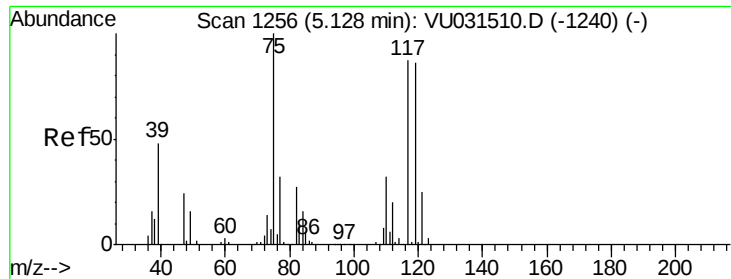
Tgt Ion: 83 Resp: 237384
Ion Ratio Lower Upper
83 100
85 64.2 0.0 126.2



#28
1,1,1-Trichloroethane
Concen: 5.425 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 97 Resp: 197536
Ion Ratio Lower Upper
97 100
99 64.1 32.0 96.2
61 48.0 24.0 72.0

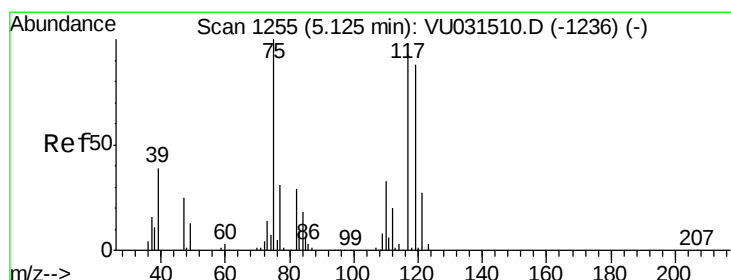
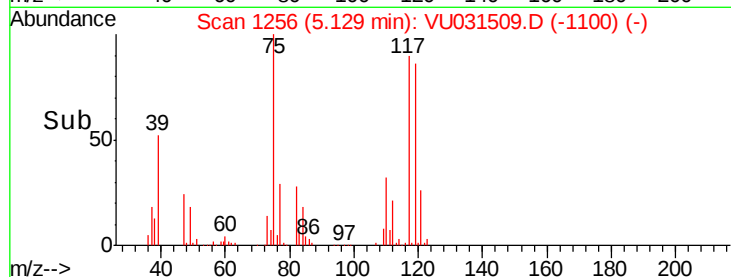
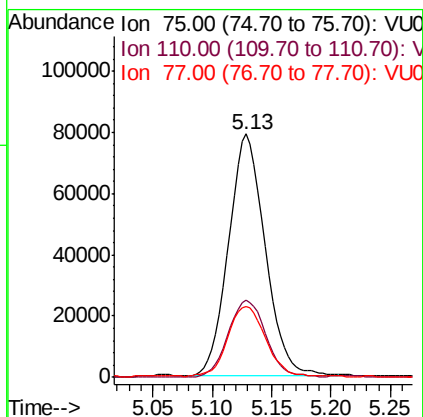
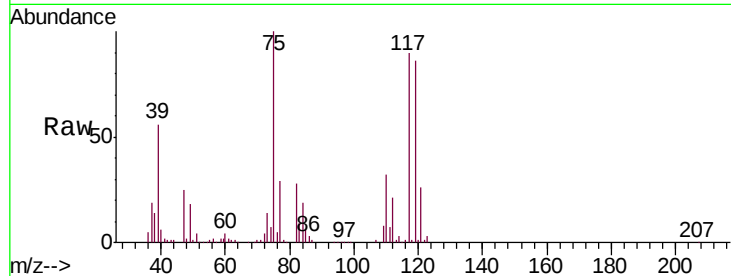




#29
 1,1-Dichloropropene
 Concen: 5.484 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

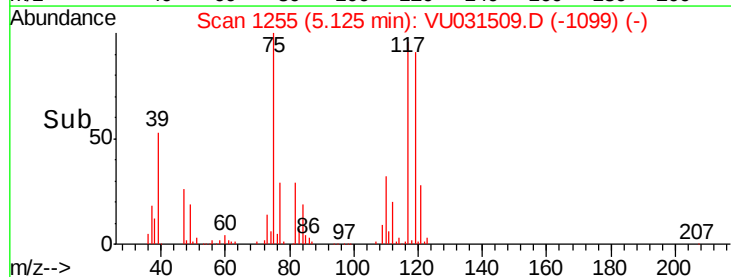
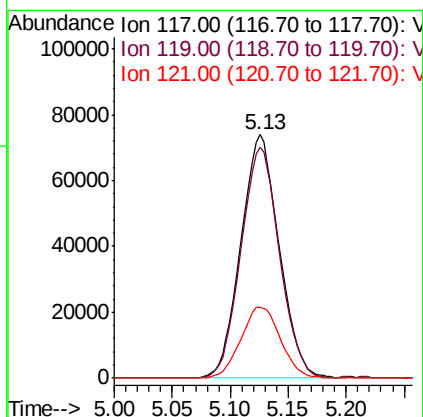
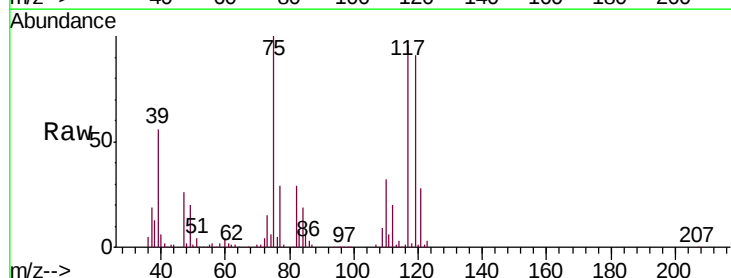
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

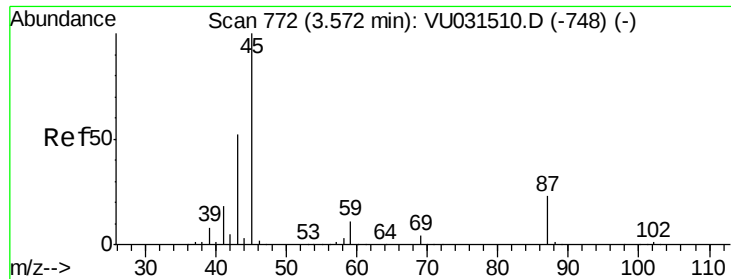
Tgt Ion: 75 Resp: 168183
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.4 49.1
 77 29.8 25.0 37.6



#30
 Carbon Tetrachloride
 Concen: 5.323 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion: 117 Resp: 169963
 Ion Ratio Lower Upper
 117 100
 119 94.8 76.1 114.1
 121 28.9 23.3 34.9

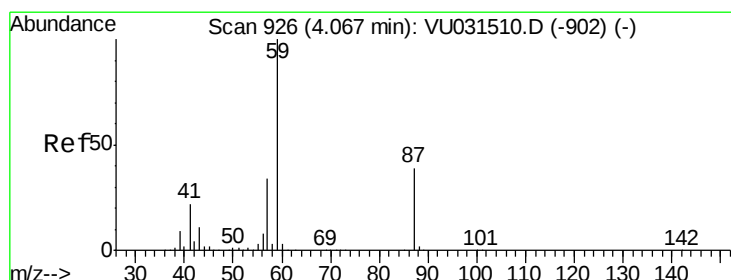
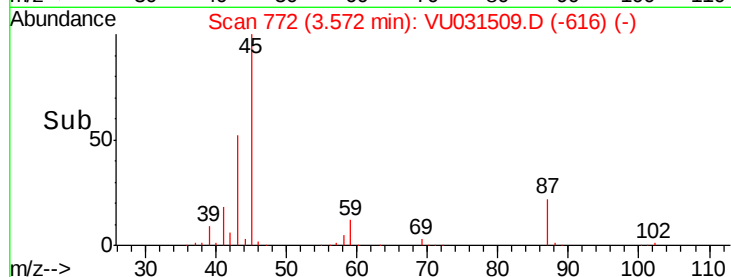
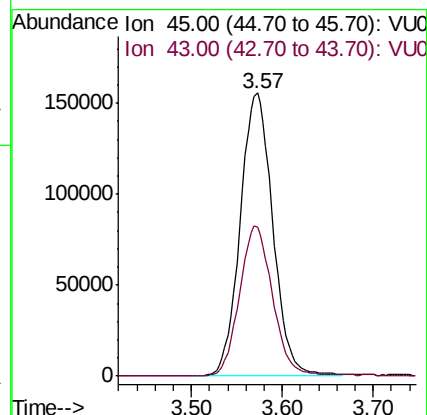
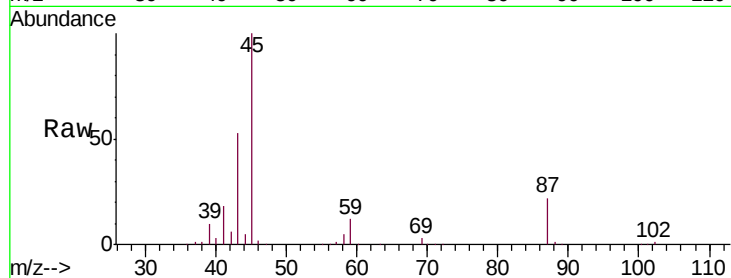




#31
Isopropyl Ether
Concen: 5.947 ug/l
RT: 3.57 min Scan# 772
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

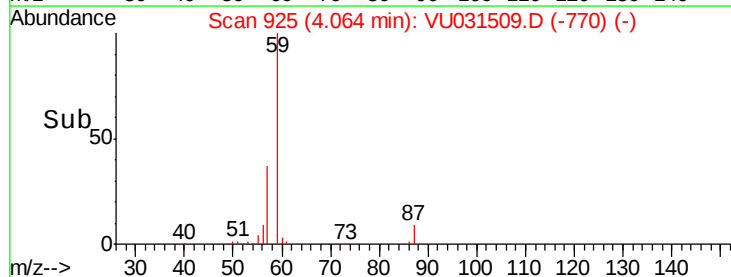
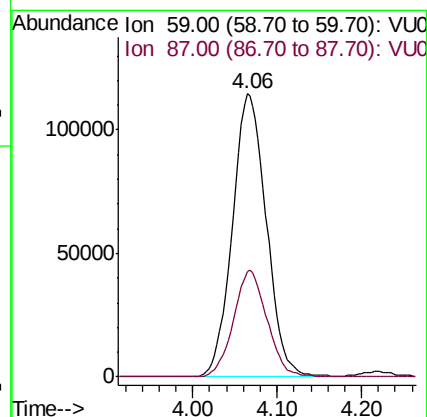
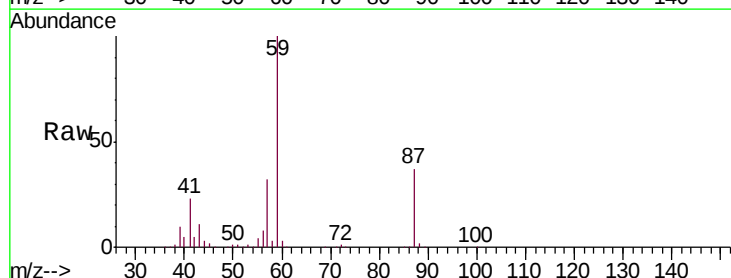
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

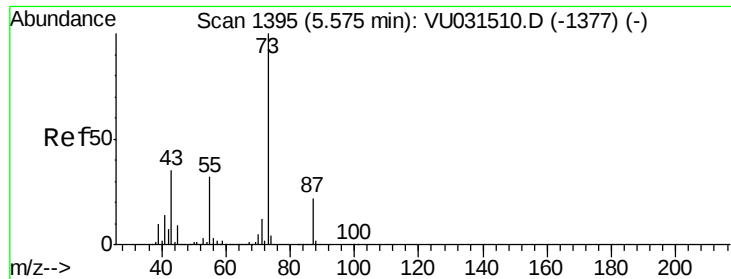
Tgt Ion: 45 Resp: 387943
Ion Ratio Lower Upper
45 100
43 53.5 26.0 78.0



#32
Ethyl-t-butyl ether
Concen: 5.806 ug/l
RT: 4.06 min Scan# 926
Delta R.T. -0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 59 Resp: 318225
Ion Ratio Lower Upper
59 100
87 37.3 29.9 44.9

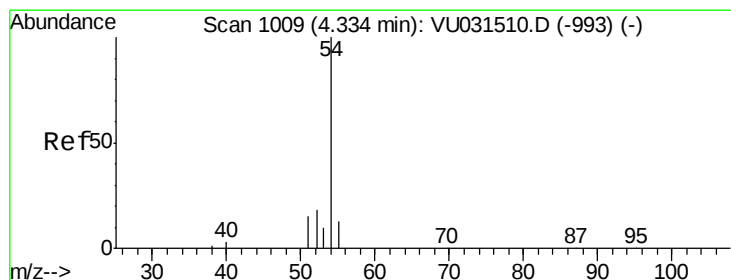
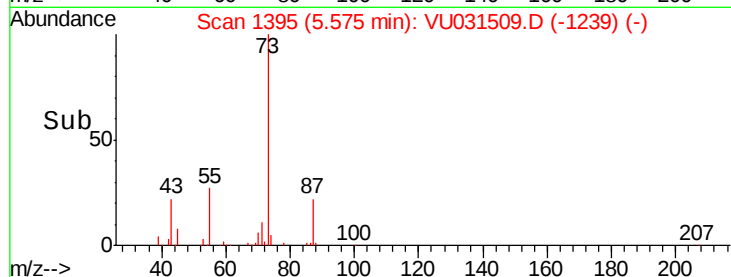
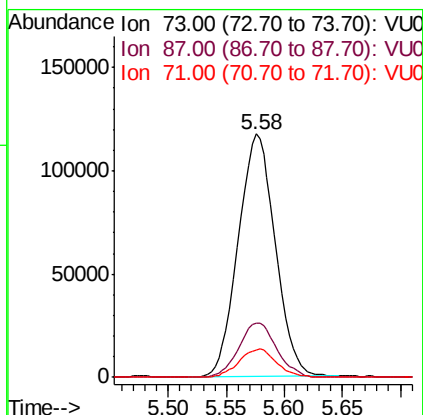
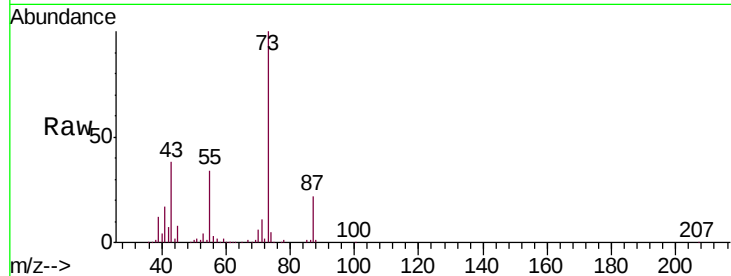




#33
 Tert-Amyl methyl ether
 Concen: 5.604 ug/l
 RT: 5.58 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

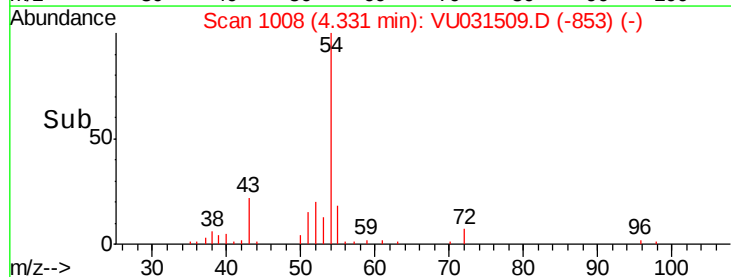
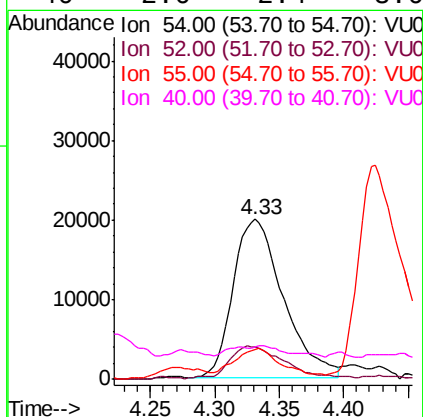
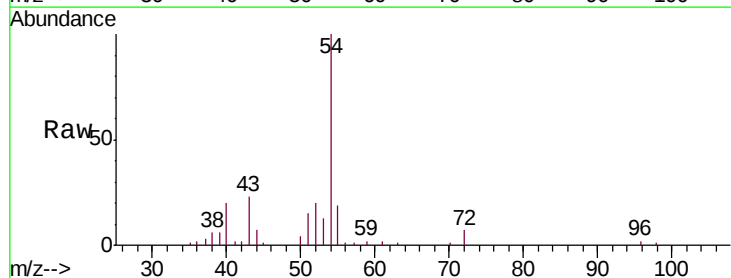
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

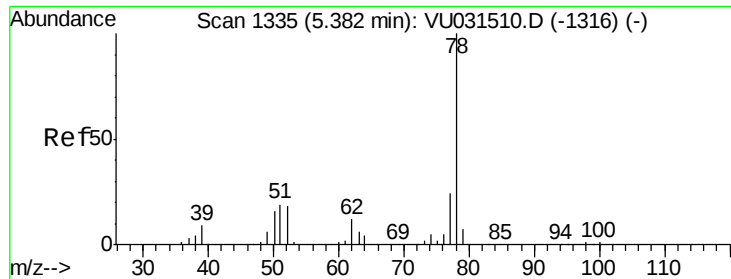
Tgt Ion: 73 Resp: 261180
 Ion Ratio Lower Upper
 73 100
 87 23.1 18.2 27.2
 71 11.7 9.0 13.6



#34
 Propionitrile
 Concen: 28.727 ug/l
 RT: 4.33 min Scan# 1008
 Delta R.T. -0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion: 54 Resp: 54033
 Ion Ratio Lower Upper
 54 100
 52 23.0 15.0 22.4#
 55 13.7 13.5 20.3
 40 2.6 2.4 3.6





#35

Benzene

Concen: 5.632 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

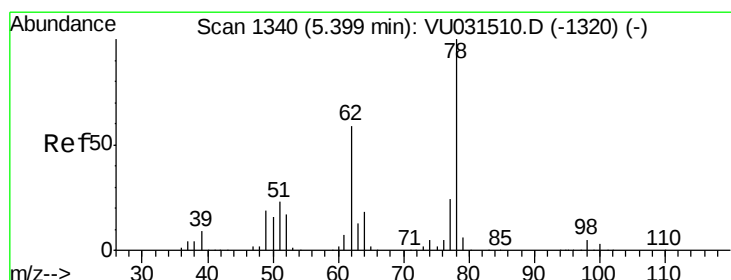
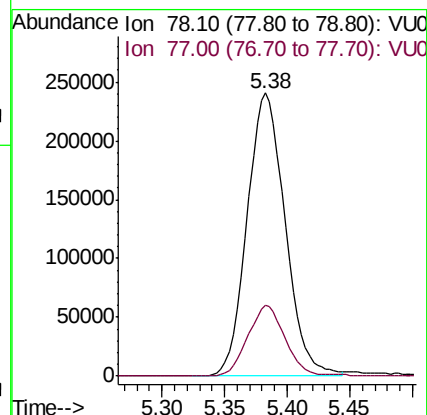
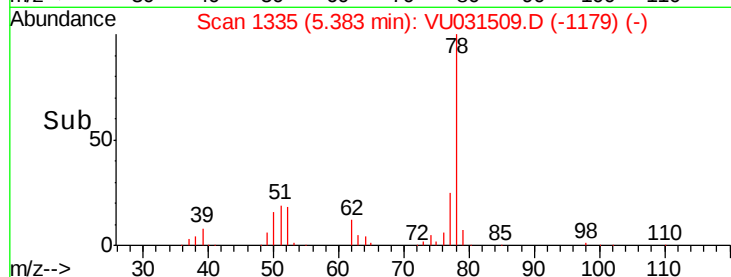
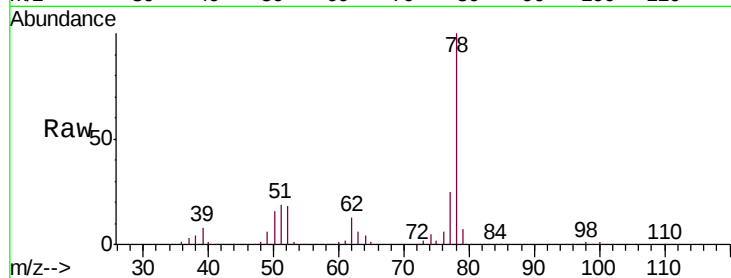
VSTDIC005

Tgt Ion: 78 Resp: 509080

Ion Ratio Lower Upper

78 100

77 24.8 19.2 28.8



#36

1,2-Dichloroethane

Concen: 5.607 ug/l

RT: 5.40 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VU031509.D

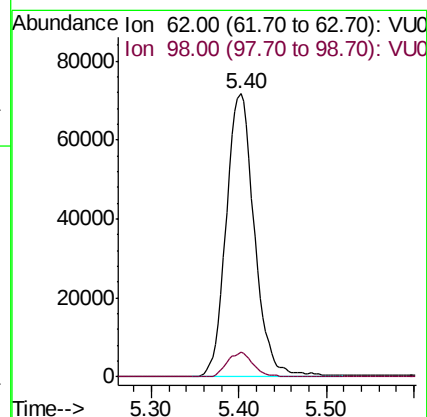
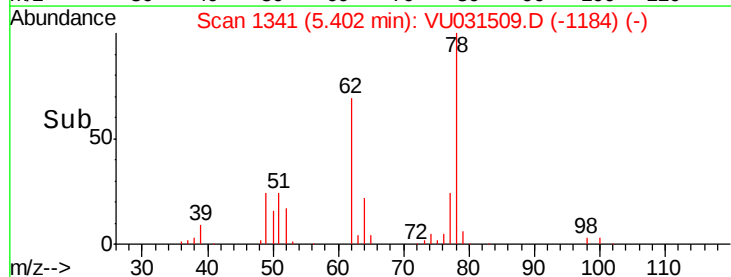
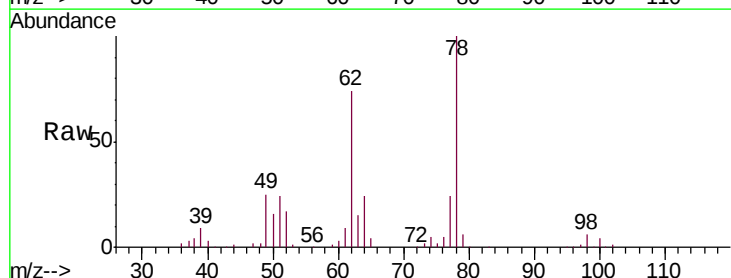
Acq: 25 Apr 2019 19:50

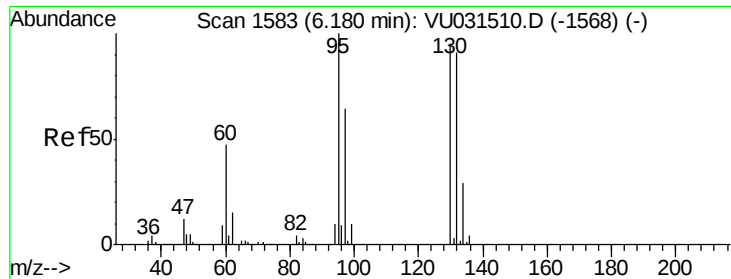
Tgt Ion: 62 Resp: 161535

Ion Ratio Lower Upper

62 100

98 8.0 6.7 10.1





#37

Trichloroethene

Concen: 4.910 ug/l

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

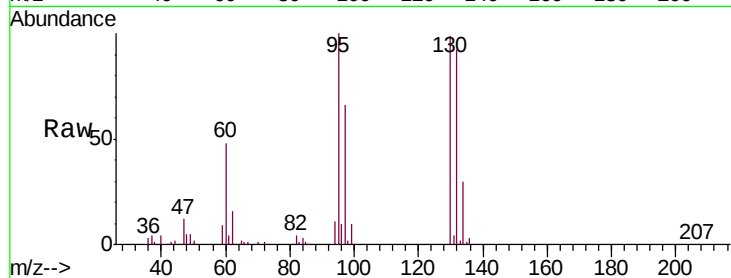
VSTDIC005

Tgt Ion:130 Resp: 122561

Ion Ratio Lower Upper

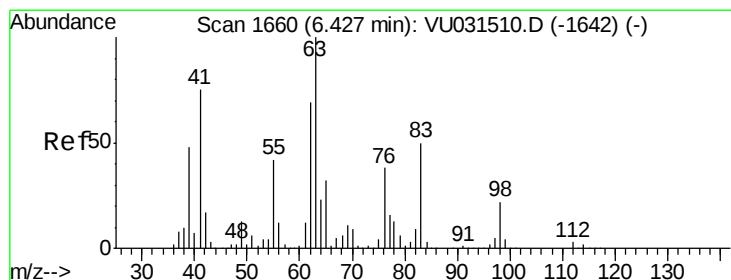
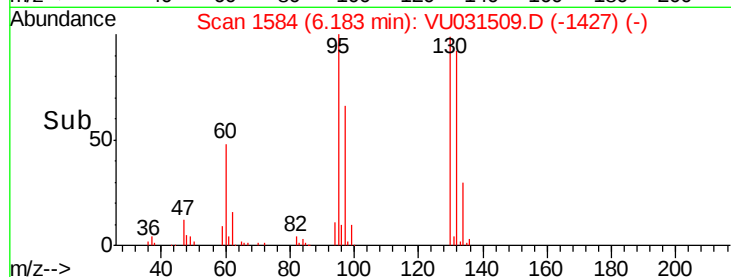
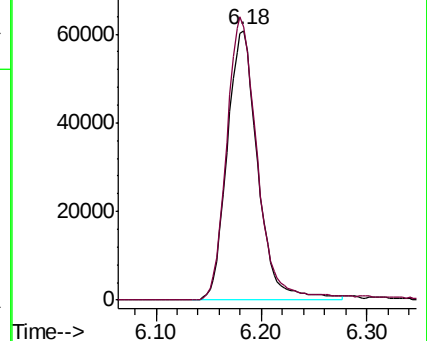
130 100

95 101.1 83.8 125.8



Abundance Ion 129.90 (129.60 to 130.60): VU031510.D (-1568) (-)

Ion 94.90 (94.60 to 95.60): VU031510.D (-1568) (-)



#38

1,2-Dichloropropane

Concen: 5.824 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VU031509.D

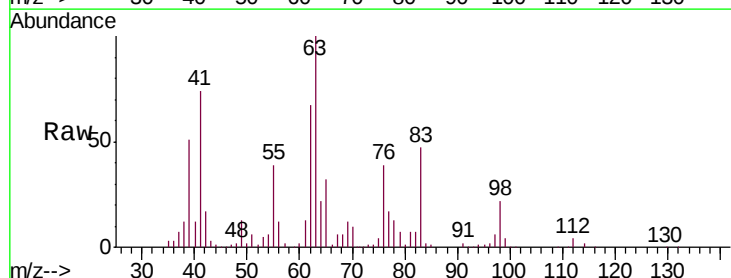
Acq: 25 Apr 2019 19:50

Tgt Ion: 63 Resp: 141098

Ion Ratio Lower Upper

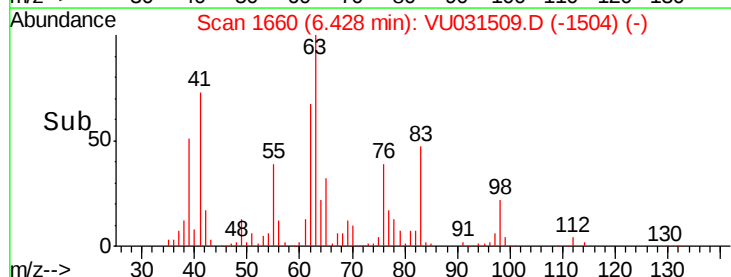
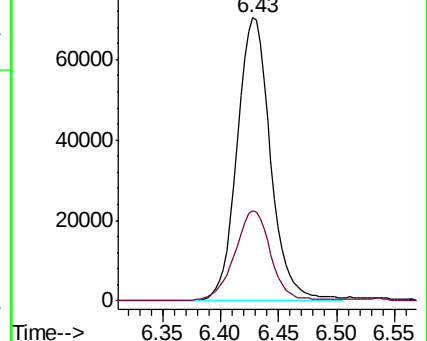
63 100

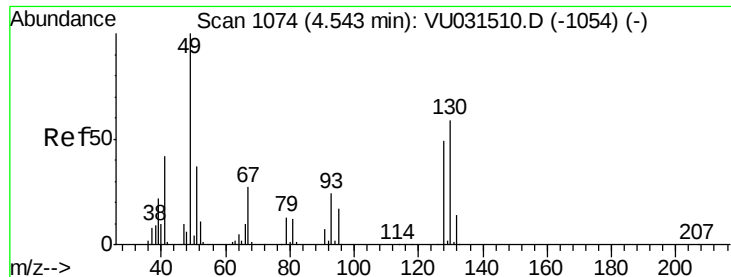
65 31.6 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031510.D (-1642) (-)

Ion 65.00 (64.70 to 65.70): VU031510.D (-1642) (-)

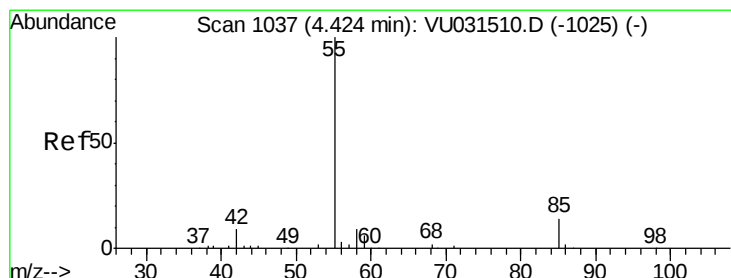
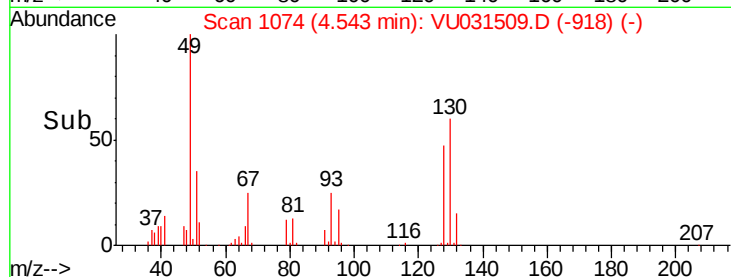
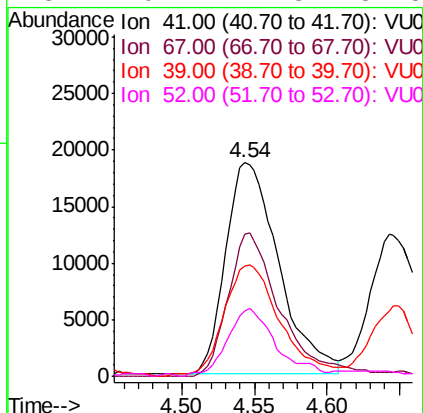
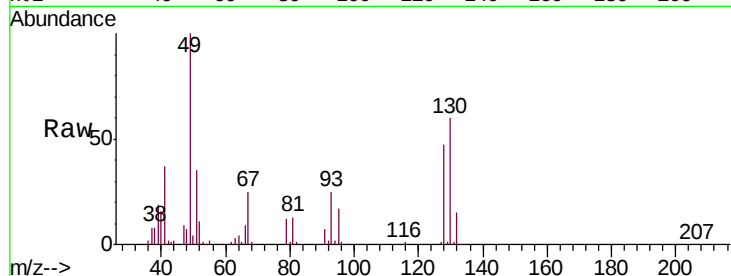




#39
Methacrylonitrile
Concen: 5.653 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

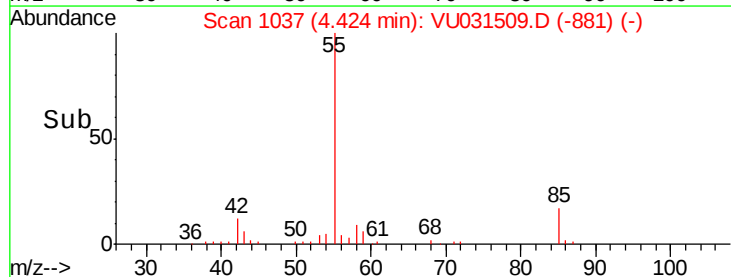
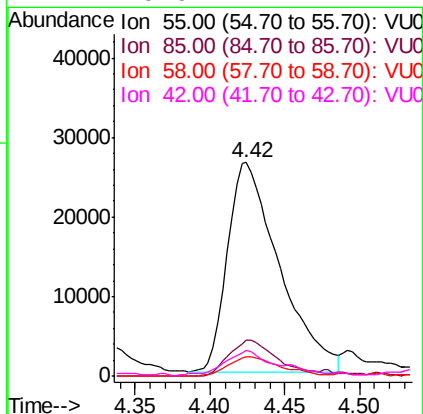
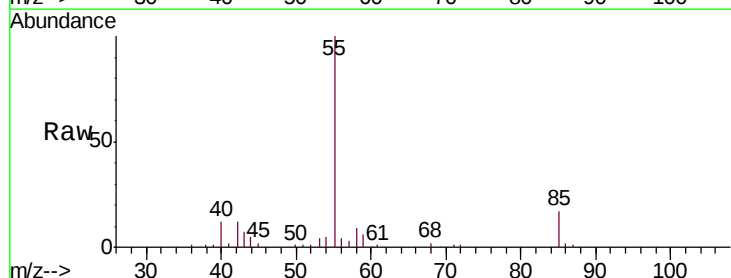
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

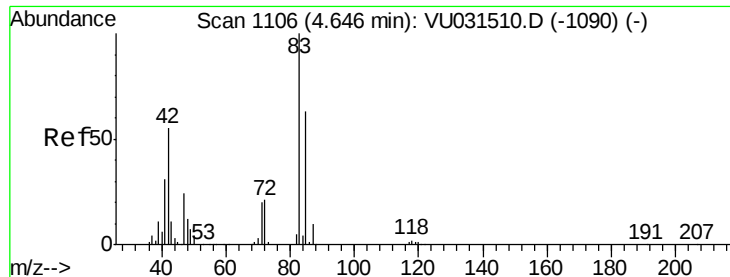
Tgt Ion:	41	Resp:	47768
Ion	Ratio	Lower	Upper
41	100		
67	66.5	54.2	81.4
39	55.7	43.8	65.8
52	29.1	21.8	32.8



#40
Methyl acrylate
Concen: 5.813 ug/l
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion:	55	Resp:	63380
Ion	Ratio	Lower	Upper
55	100		
85	15.7	11.5	17.3
58	9.1	6.5	9.7
42	9.9	7.4	11.2





#41

Tetrahydrofuran

Concen: 11.541 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

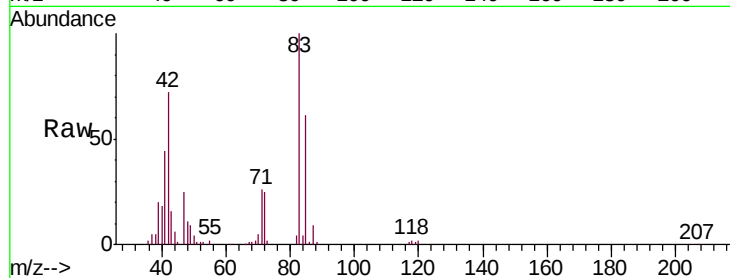
Tgt Ion: 42 Resp: 49726

Ion Ratio Lower Upper

42 100

72 40.0 32.1 48.1

71 34.9 29.2 43.8

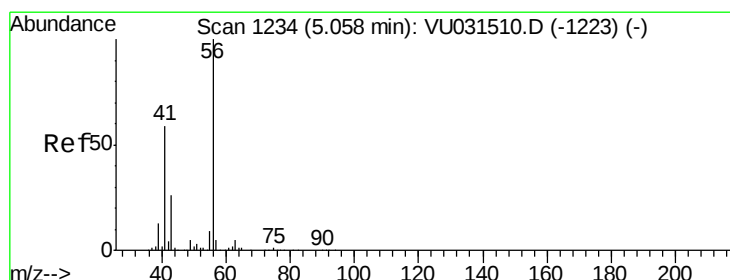
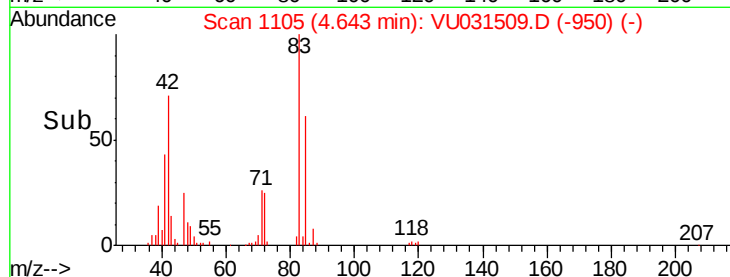


Abundance Ion 42.00 (41.70 to 42.70): VU031510.D (-1090) (-)

Ion 72.00 (71.70 to 72.70): VU031510.D (-1090) (-)

Ion 71.00 (70.70 to 71.70): VU031510.D (-1090) (-)

Time-->



#42

1-Chlorobutane

Concen: 5.931 ug/l

RT: 5.06 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VU031509.D

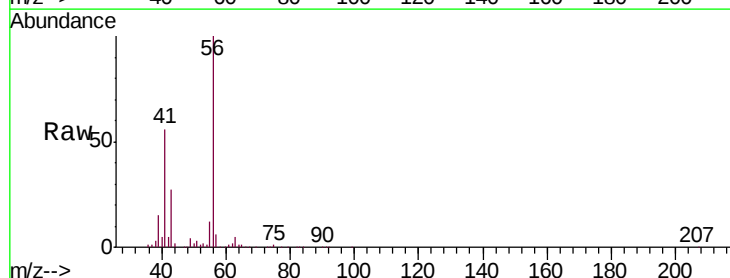
Acq: 25 Apr 2019 19:50

Tgt Ion: 56 Resp: 260213

Ion Ratio Lower Upper

56 100

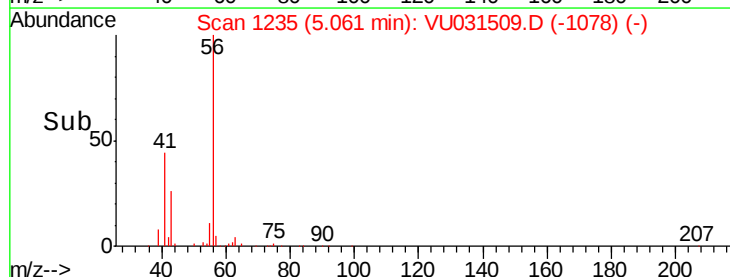
41 56.4 29.3 88.0

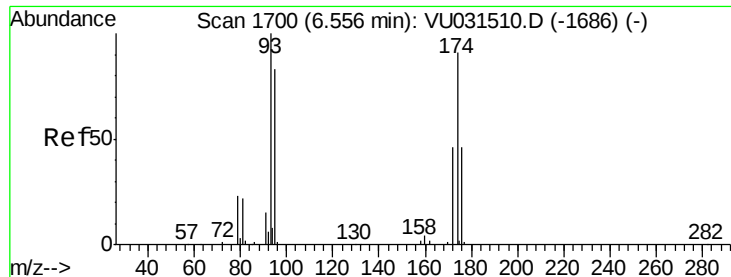


Abundance Ion 56.00 (55.70 to 56.70): VU031510.D (-1223) (-)

Ion 41.00 (40.70 to 41.70): VU031510.D (-1223) (-)

Time-->





#43

Dibromomethane

Concen: 5.333 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

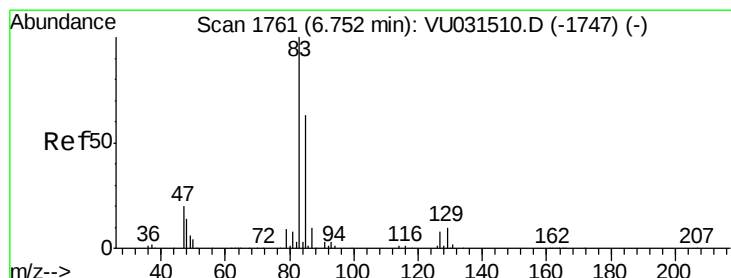
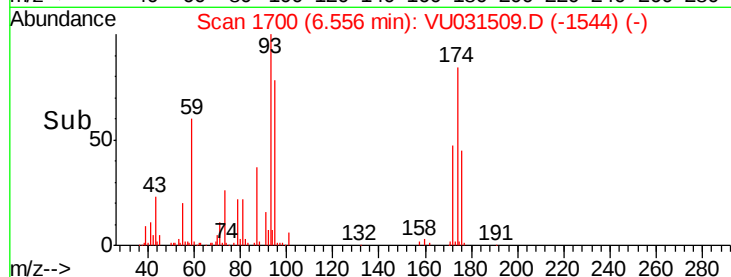
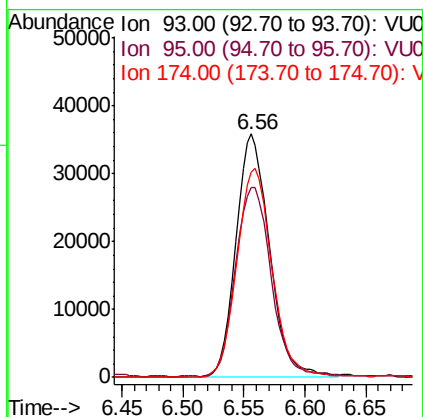
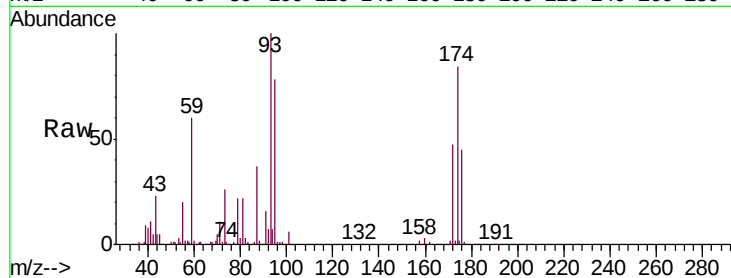
Tgt Ion: 93 Resp: 68405

Ion Ratio Lower Upper

93 100

95 82.4 65.7 98.5

174 89.4 71.8 107.8



#44

Bromodichloromethane

Concen: 5.567 ug/l

RT: 6.75 min Scan# 1761

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

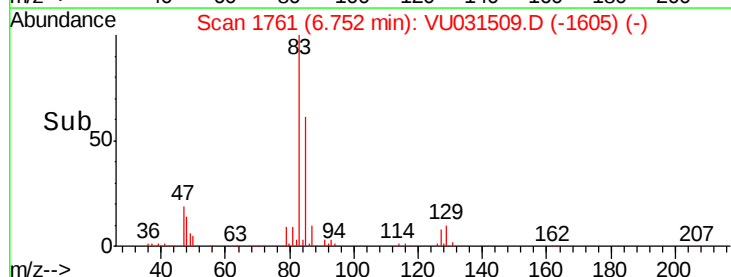
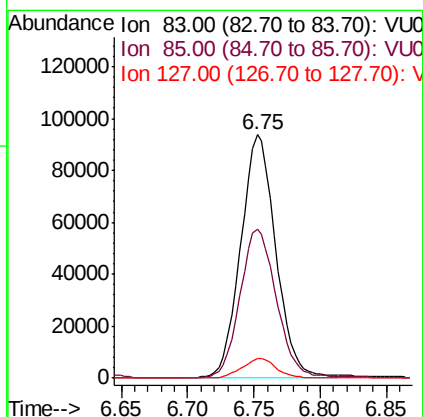
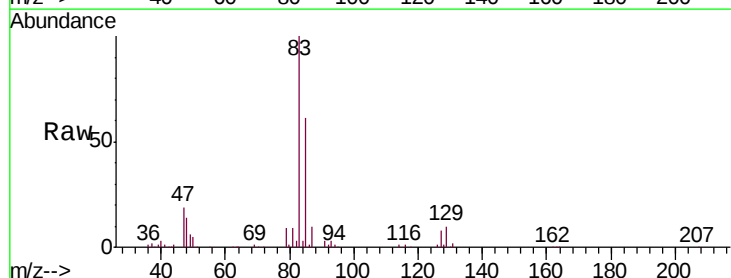
Tgt Ion: 83 Resp: 172997

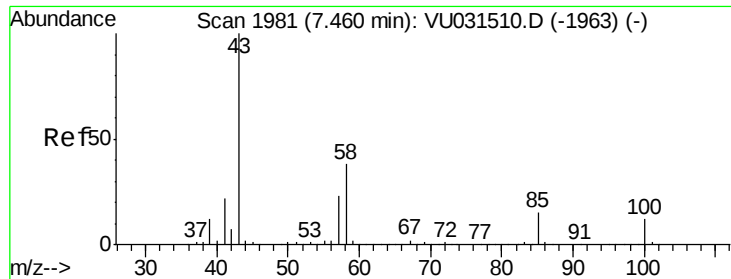
Ion Ratio Lower Upper

83 100

85 61.2 50.3 75.5

127 8.0 6.6 9.8

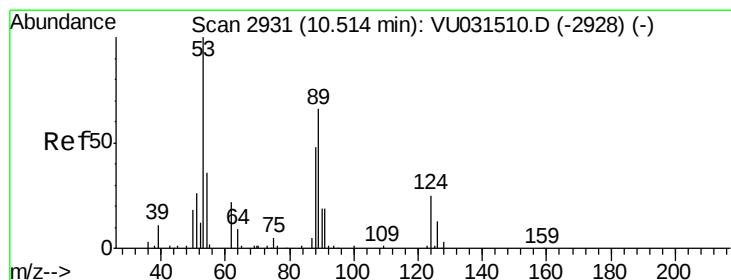
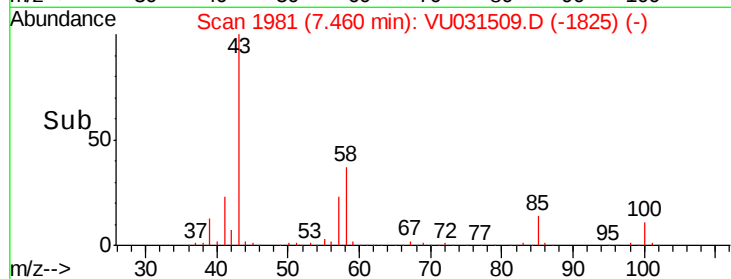
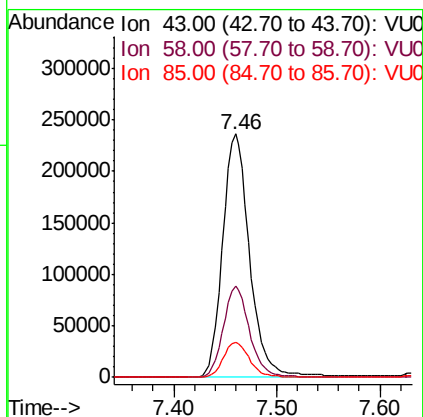
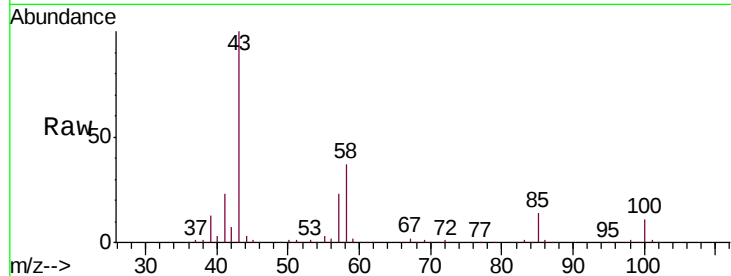




#45
4-Methyl-2-Pentanone
Concen: 28.477 ug/l
RT: 7.46 min Scan# 1981
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

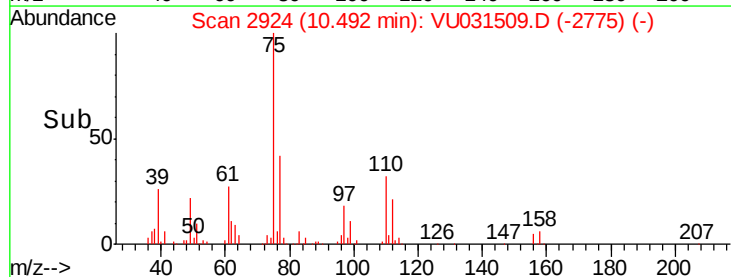
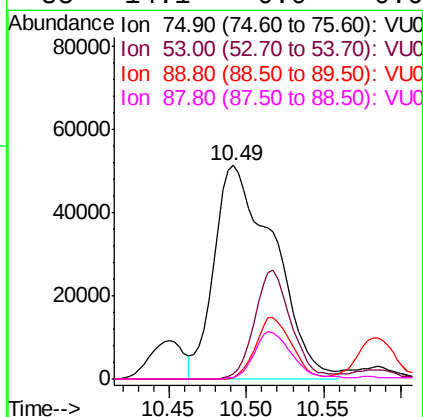
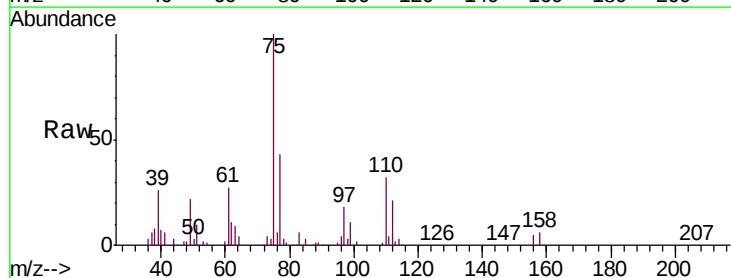
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

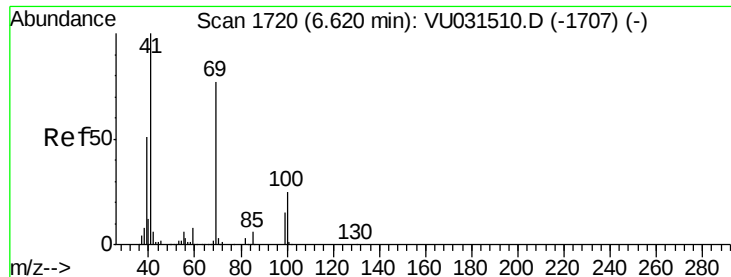
Tgt Ion: 43 Resp: 431932
Ion Ratio Lower Upper
43 100
58 36.3 18.7 56.1
85 14.0 12.1 18.1



#46
t-1,4-Dichloro-2-butene
Concen: 24.501 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 75 Resp: 138071
Ion Ratio Lower Upper
75 100
53 31.3 63.8 95.8#
89 17.5 38.6 57.8#
88 14.1 0.0 0.0#

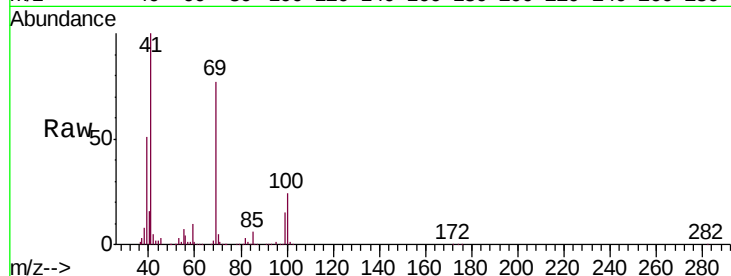




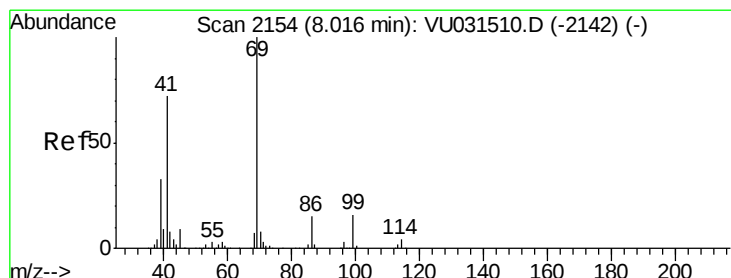
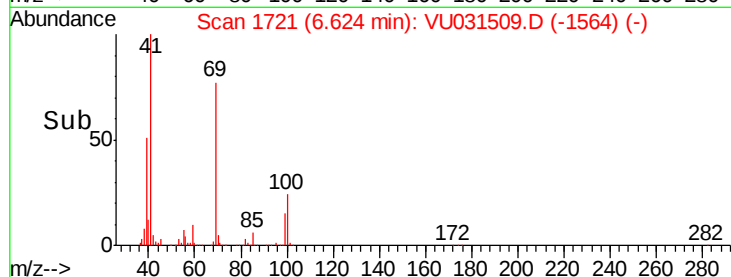
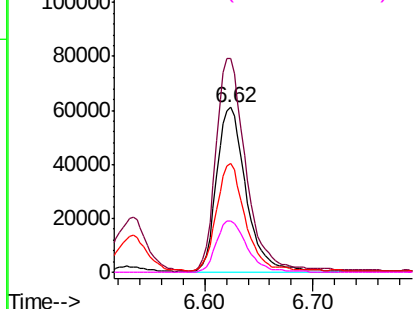
#47
Methyl methacrylate
Concen: 10.793 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 115640
Ion Ratio Lower Upper
69 100
41 129.6 0.0 256.4
39 62.7 52.2 78.4
100 32.9 25.9 38.9

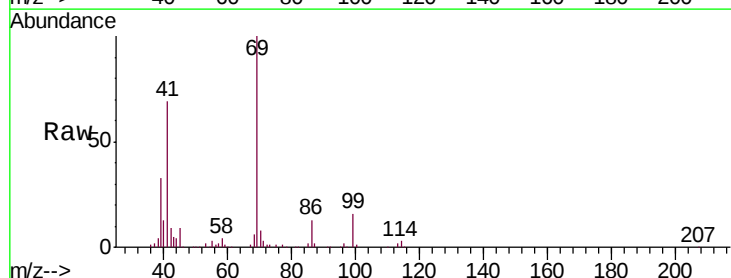


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

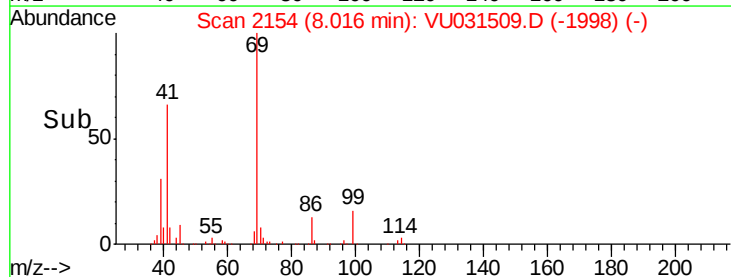
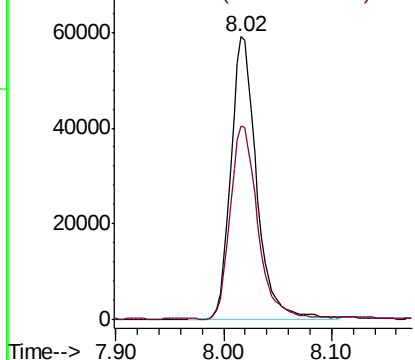


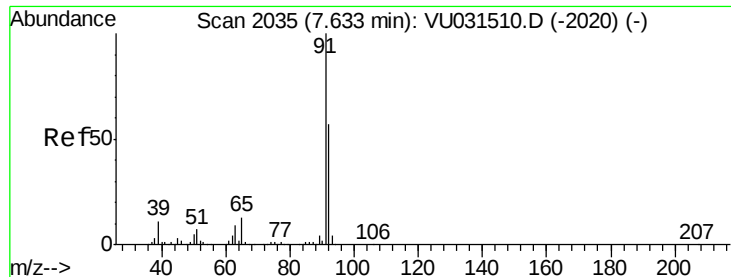
#48
Ethyl methacrylate
Concen: 5.253 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 69 Resp: 99183
Ion Ratio Lower Upper
69 100
41 72.2 35.5 106.5



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





#49

Toluene

Concen: 5.531 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

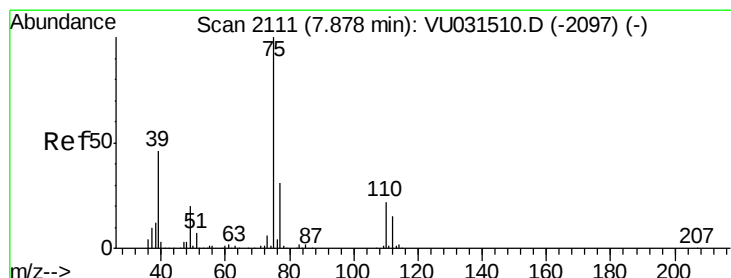
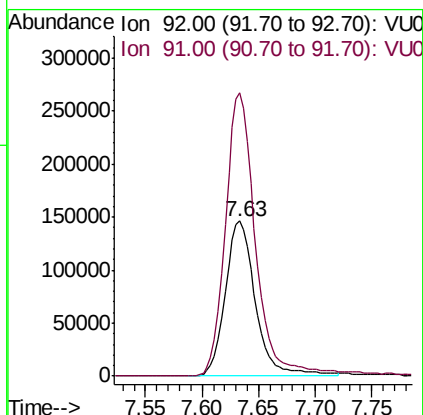
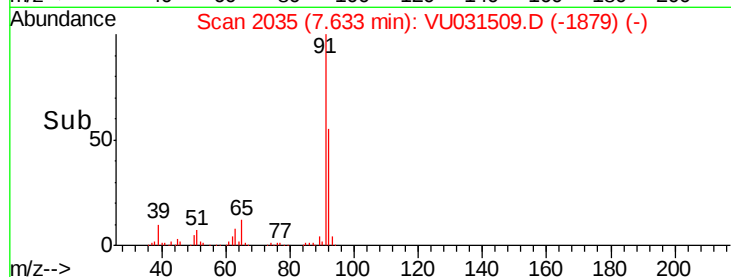
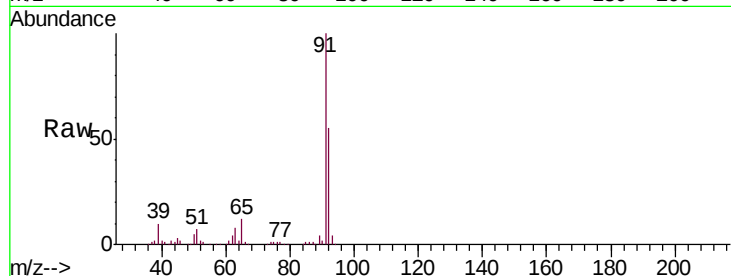
VSTDIC005

Tgt Ion: 92 Resp: 272527

Ion Ratio Lower Upper

92 100

91 183.9 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 5.340 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031509.D

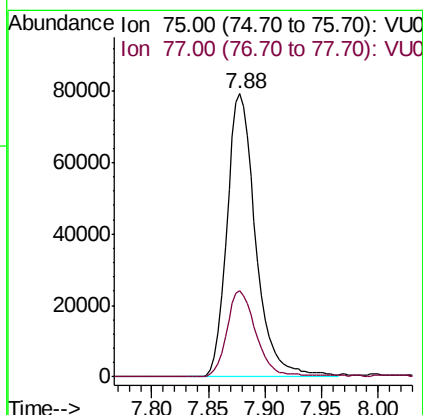
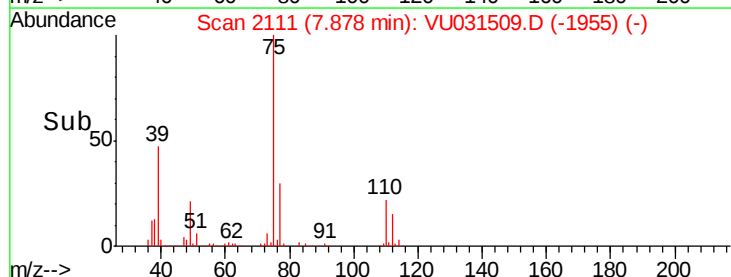
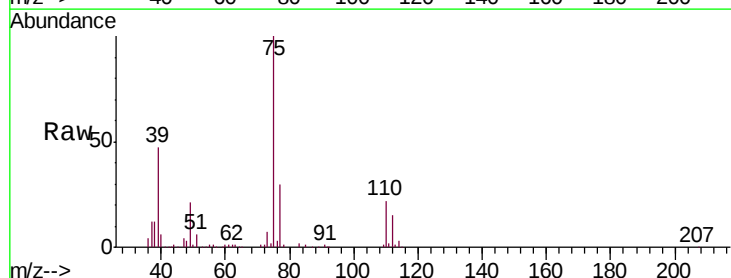
Acq: 25 Apr 2019 19:50

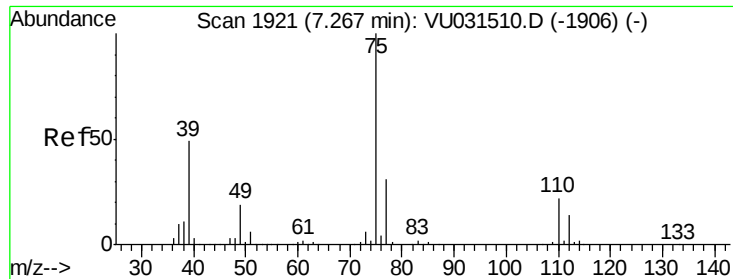
Tgt Ion: 75 Resp: 140077

Ion Ratio Lower Upper

75 100

77 30.1 25.0 37.4



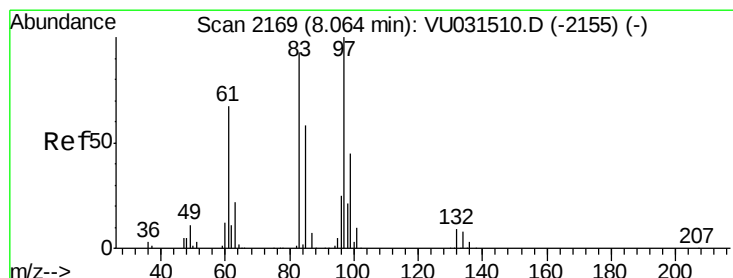
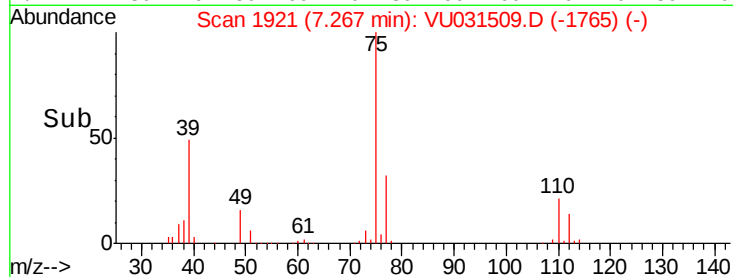
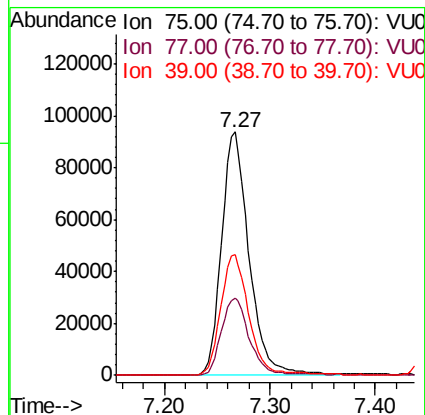
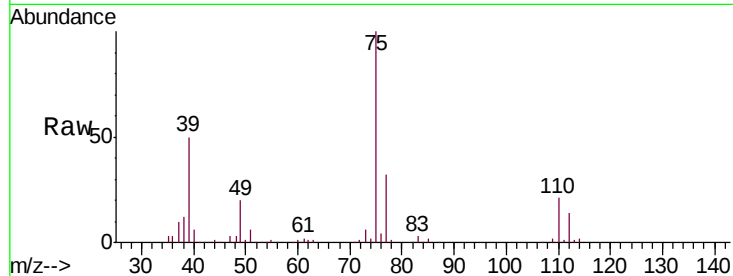


#51

cis-1,3-Dichloropropene
Concen: 5.423 ug/l
RT: 7.27 min Scan# 1921
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

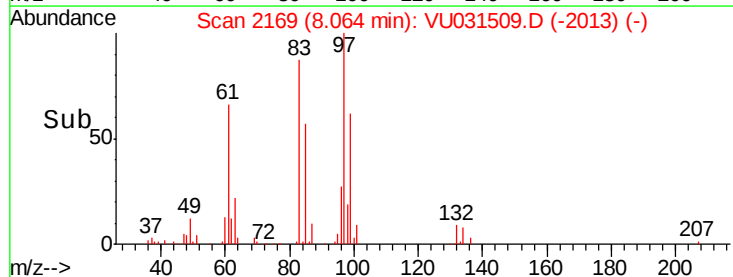
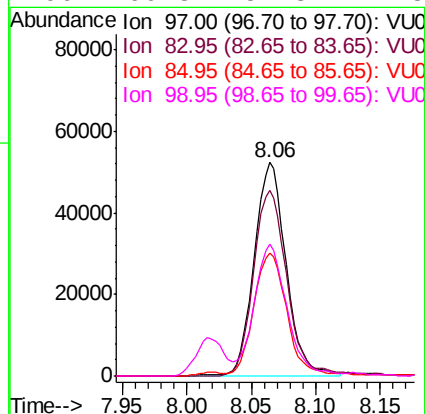
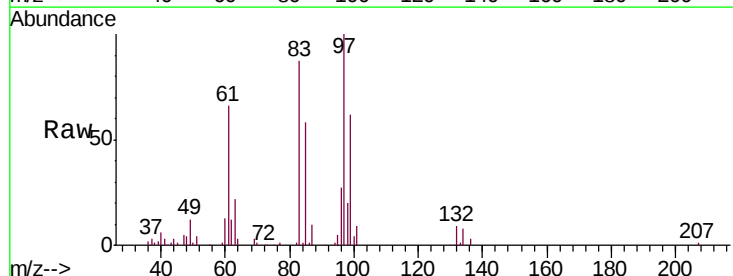
Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.0	37.4
39	49.4	39.0	58.6

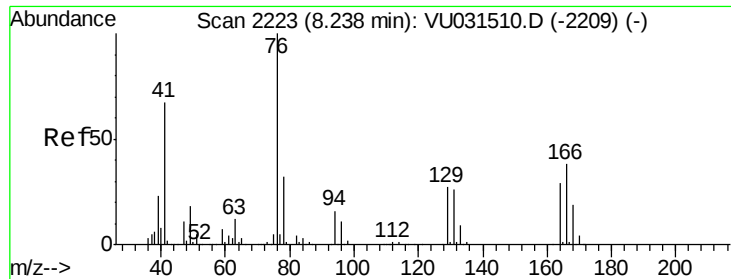


#52

1,1,2-Trichloroethane
Concen: 5.253 ug/l
RT: 8.06 min Scan# 2169
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	74.8	112.2
85	57.2	48.3	72.5
99	60.8	51.8	77.8

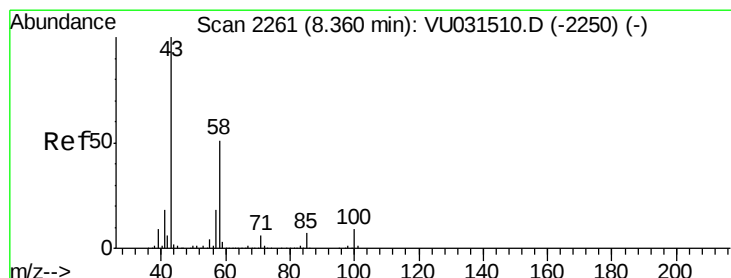
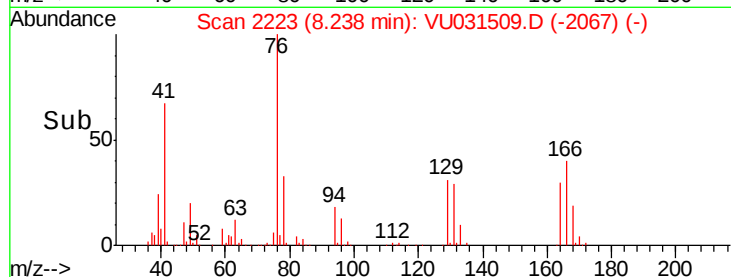
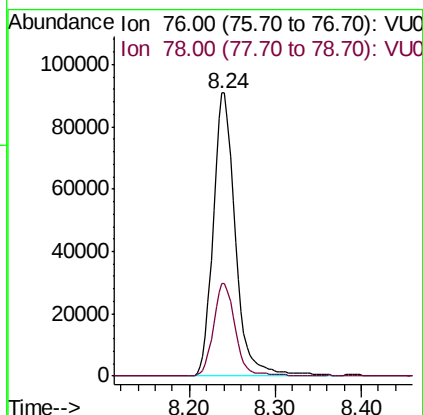
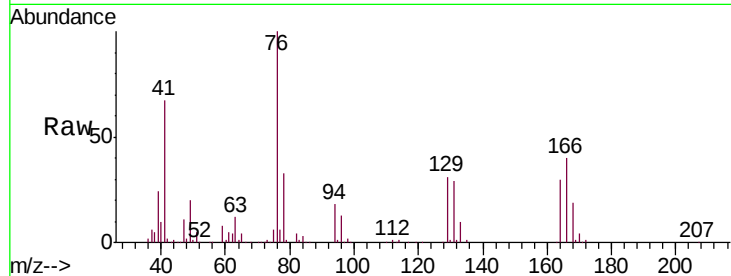




#53
 1,3-Dichloropropane
 Concen: 5.586 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

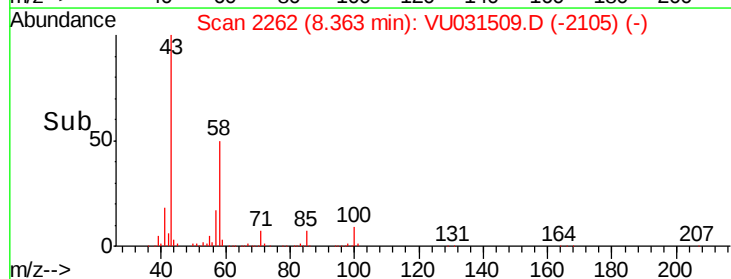
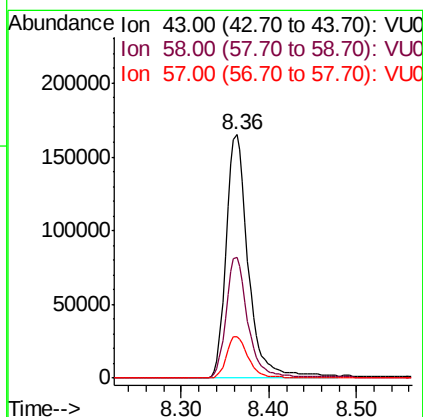
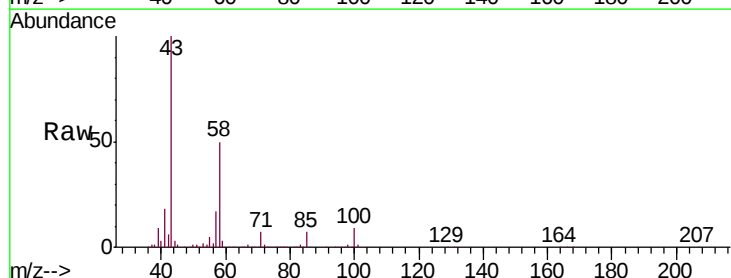
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

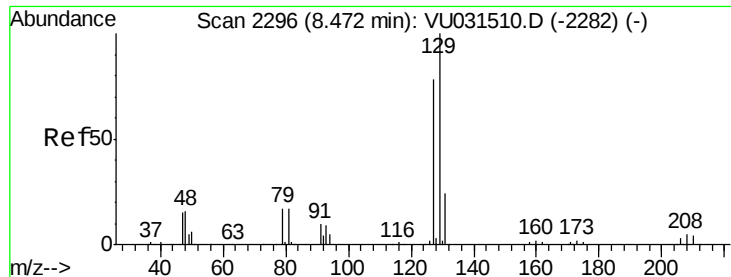
Tgt Ion: 76 Resp: 164304
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#54
 2-Hexanone
 Concen: 28.437 ug/l
 RT: 8.36 min Scan# 2262
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion: 43 Resp: 291787
 Ion Ratio Lower Upper
 43 100
 58 48.3 30.3 70.3
 57 16.8 0.0 37.8

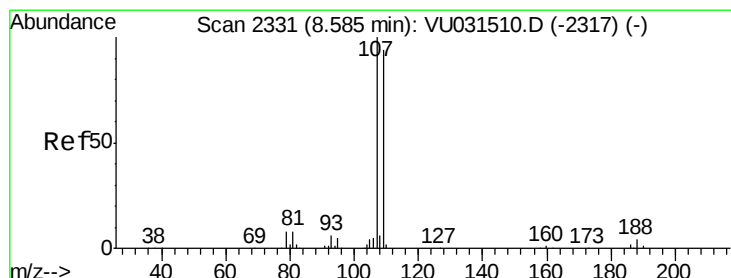
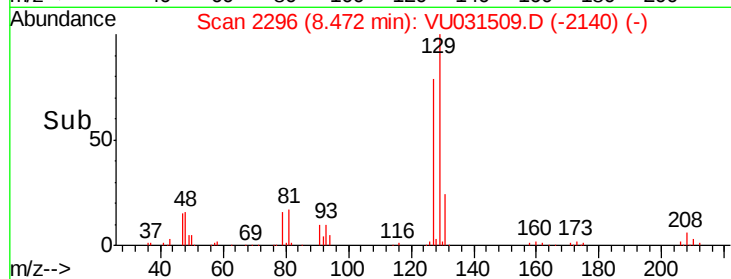
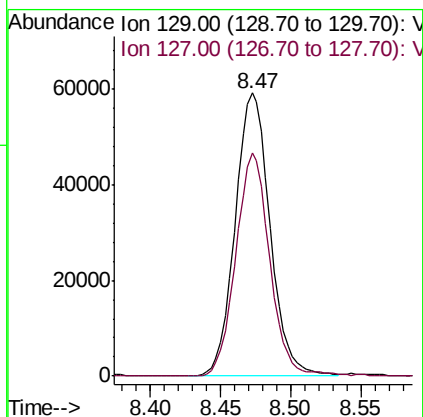
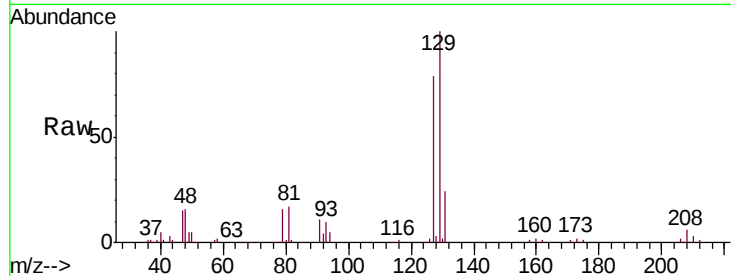




#55
 Dibromochloromethane
 Concen: 5.058 ug/l
 RT: 8.47 min Scan# 2296
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

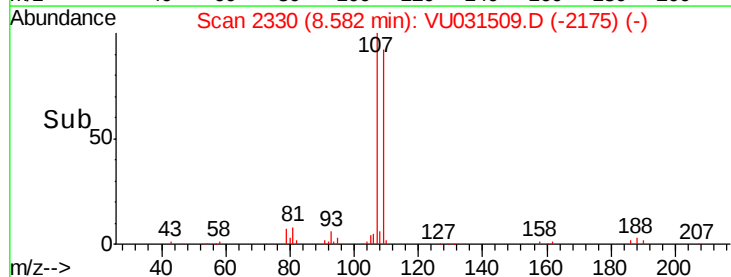
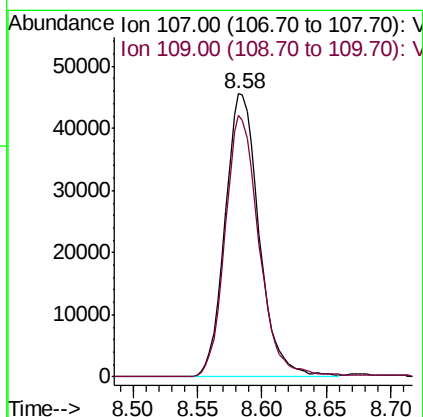
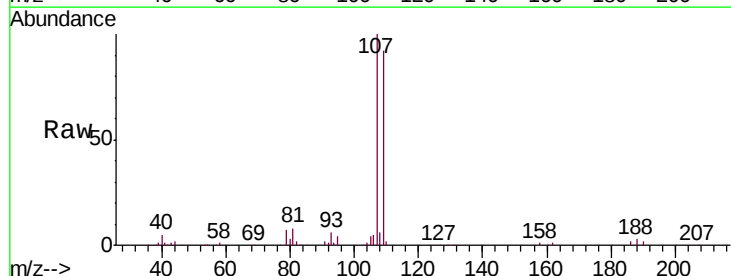
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

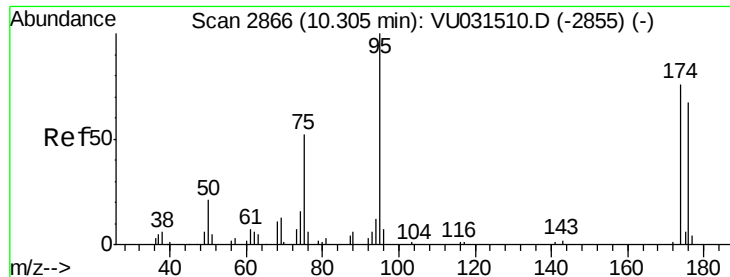
Tgt Ion:129 Resp: 102769
 Ion Ratio Lower Upper
 129 100
 127 76.6 62.6 94.0



#56
 1,2-Dibromoethane
 Concen: 5.230 ug/l
 RT: 8.58 min Scan# 2330
 Delta R.T. -0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:107 Resp: 83483
 Ion Ratio Lower Upper
 107 100
 109 92.5 0.0 186.0

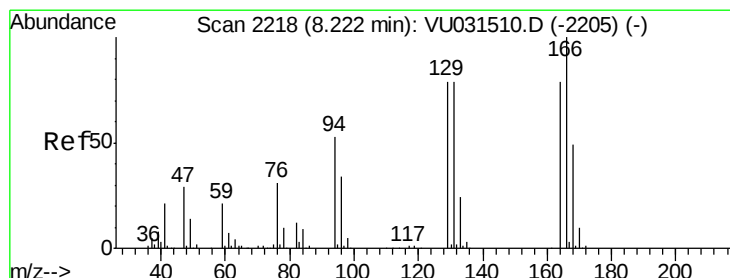
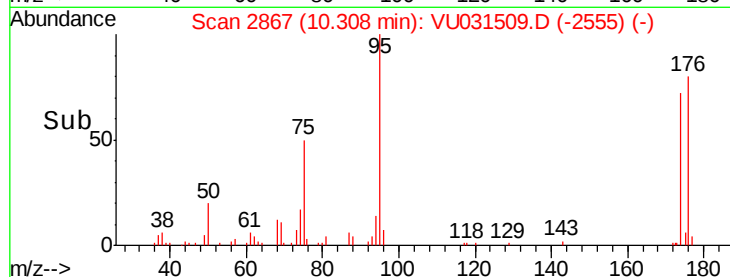
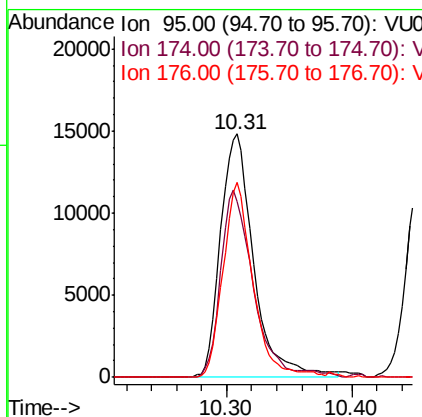
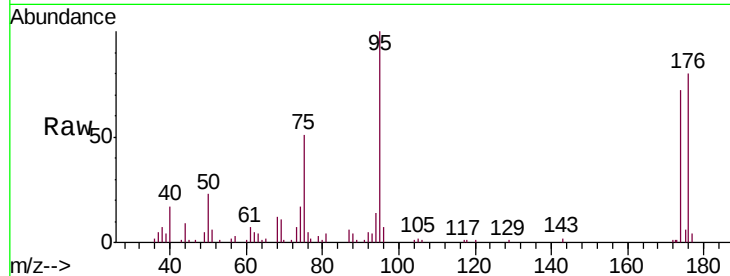




#57
4-Bromofluorobenzene
Concen: 5.230 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

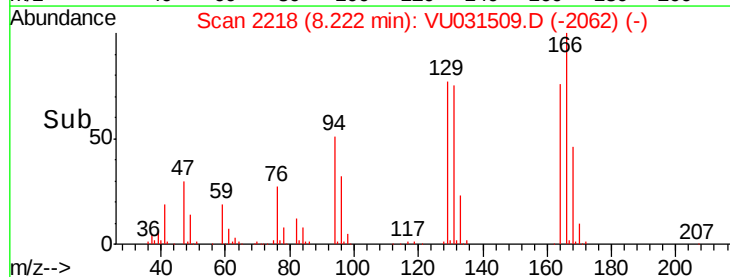
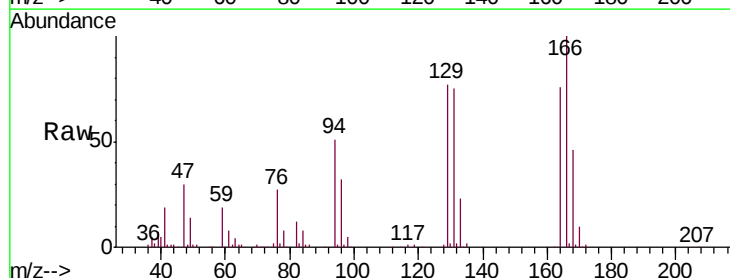
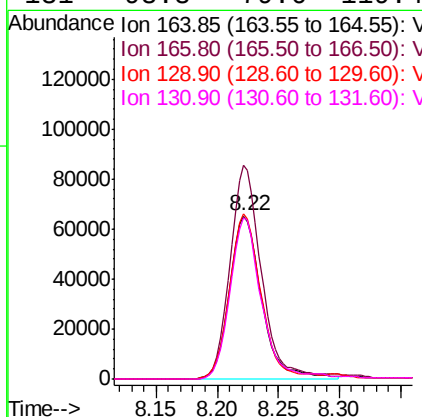
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

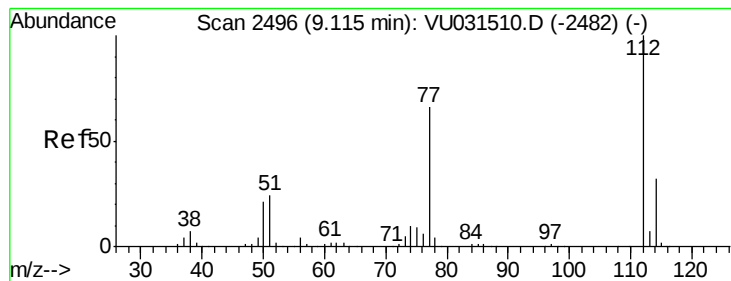
Tgt Ion: 95 Resp: 27220
Ion Ratio Lower Upper
95 100
174 73.8 57.9 86.9
176 72.2 54.0 81.0



#58
Tetrachloroethene
Concen: 5.623 ug/l
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion: 164 Resp: 119861
Ion Ratio Lower Upper
164 100
166 131.1 101.2 151.8
129 101.3 80.2 120.4
131 98.8 79.6 119.4





#59

Chlorobenzene

Concen: 5.148 ug/l

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

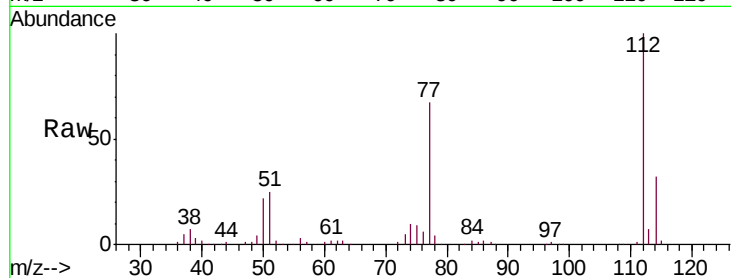
VSTDIC005

Tgt Ion:112 Resp: 279009

Ion Ratio Lower Upper

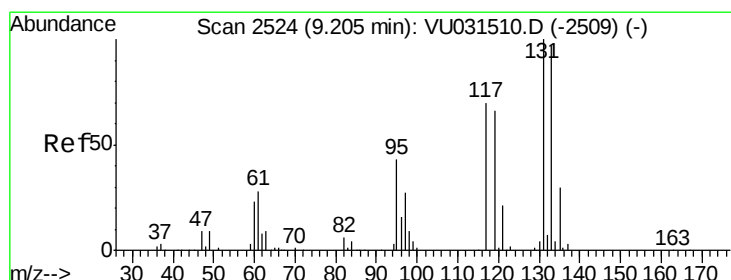
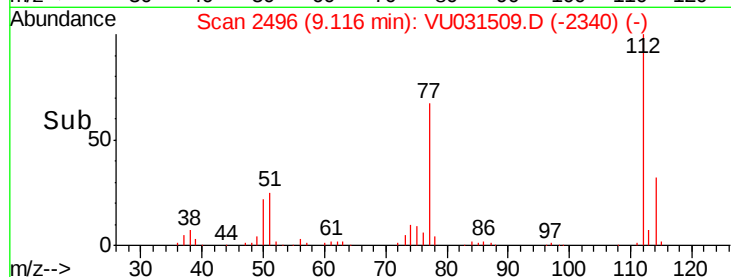
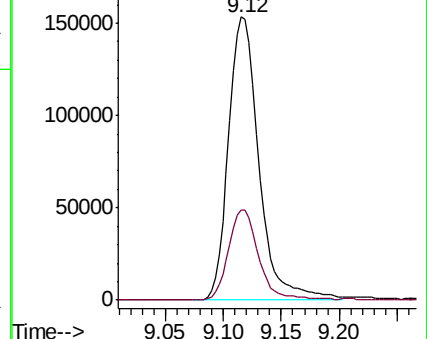
112 100

114 31.9 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 5.247 ug/l

RT: 9.20 min Scan# 2523

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

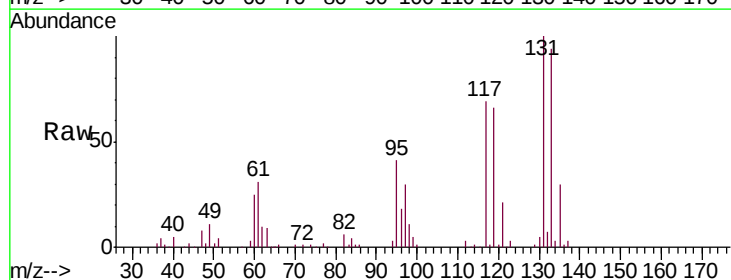
Tgt Ion:131 Resp: 106946

Ion Ratio Lower Upper

131 100

133 95.7 77.7 116.5

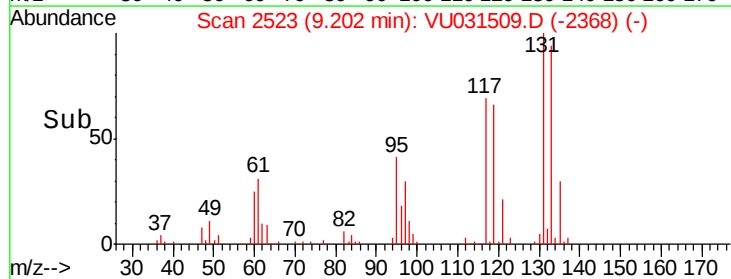
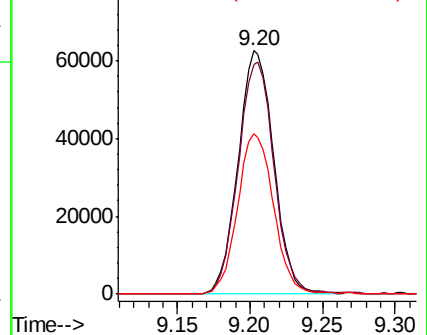
119 66.4 53.4 80.0

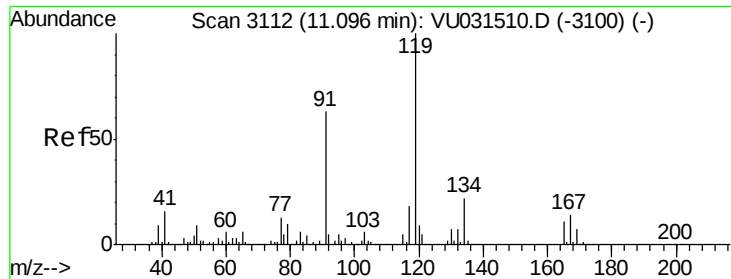


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

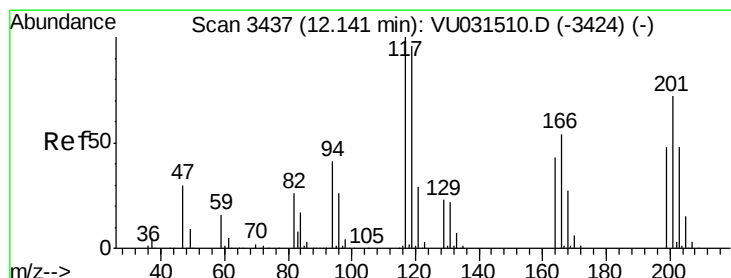
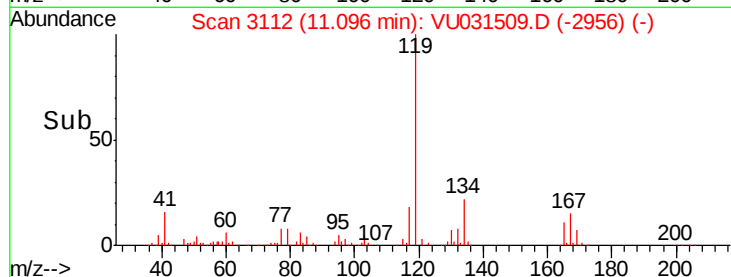
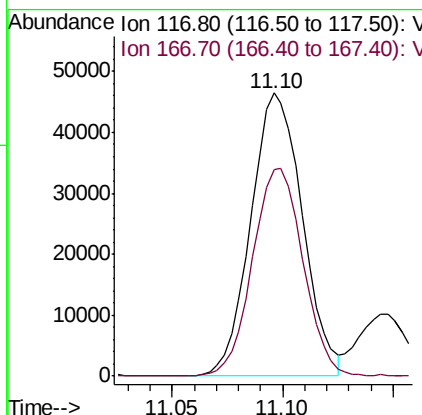
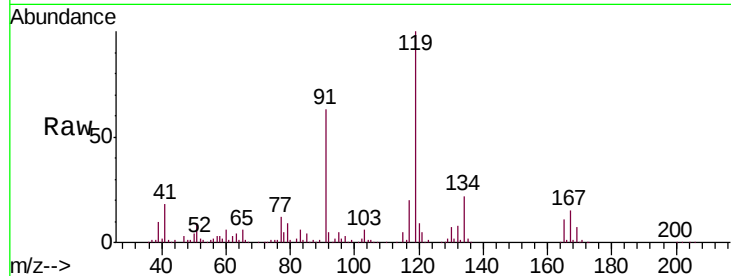




#61
 Pentachloroethane
 Concen: 4.835 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

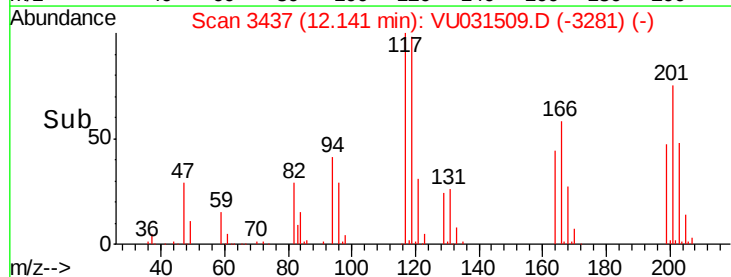
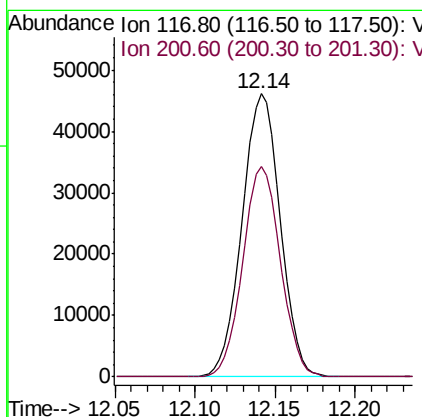
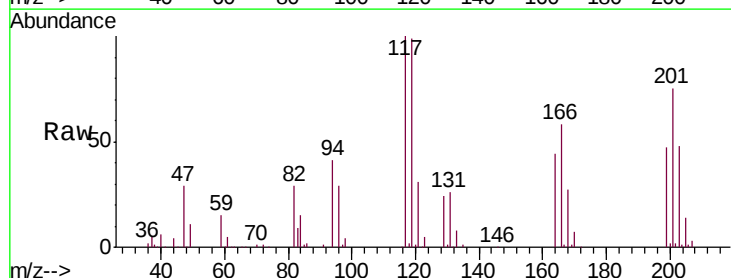
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

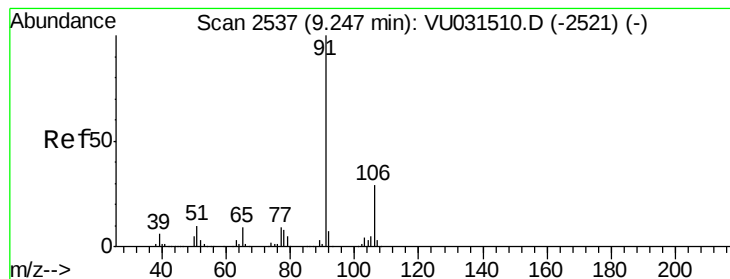
Tgt Ion:117 Resp: 75305
 Ion Ratio Lower Upper
 117 100
 167 71.8 62.5 93.7



#62
 Hexachloroethane
 Concen: 4.926 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:117 Resp: 74974
 Ion Ratio Lower Upper
 117 100
 201 73.3 60.0 90.0





#63

Ethyl Benzene

Concen: 5.510 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

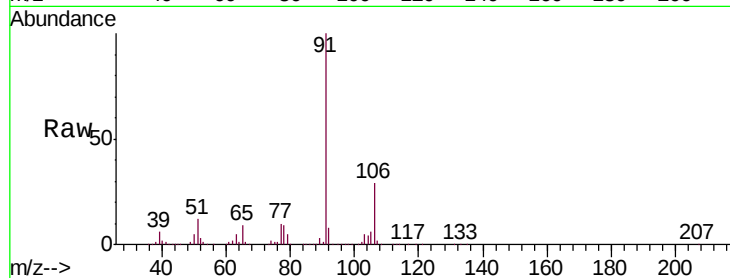
VSTDIC005

Tgt Ion: 91 Resp: 479768

Ion Ratio Lower Upper

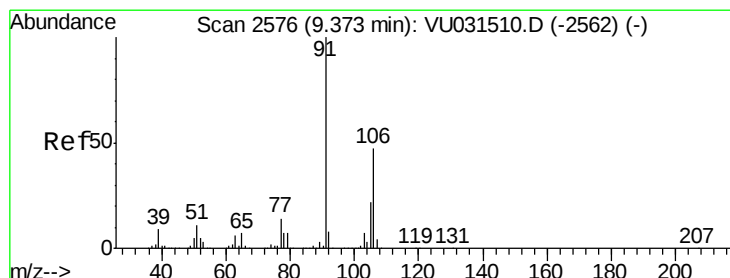
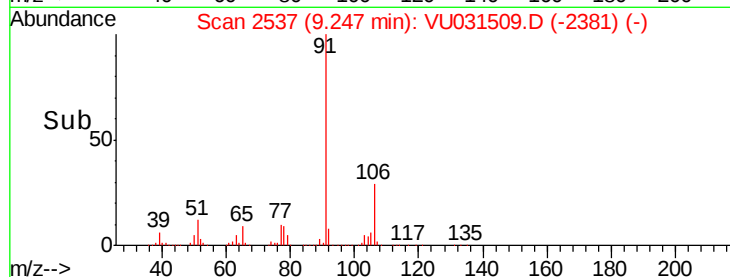
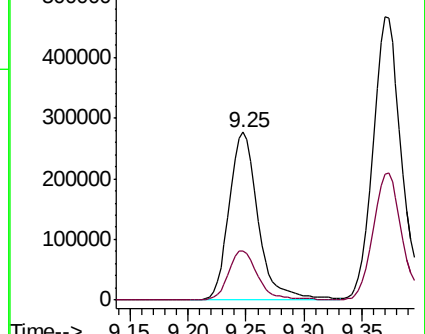
91 100

106 29.4 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VU031510.D (-2521) (-)

Ion 106.00 (105.70 to 106.70): VU031510.D (-2521) (-)



#64

m/p-Xylenes

Concen: 11.298 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031509.D

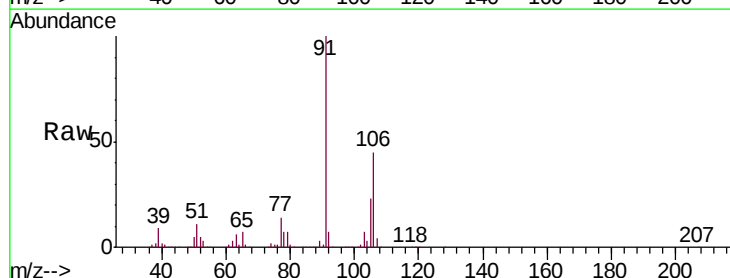
Acq: 25 Apr 2019 19:50

Tgt Ion: 106 Resp: 372973

Ion Ratio Lower Upper

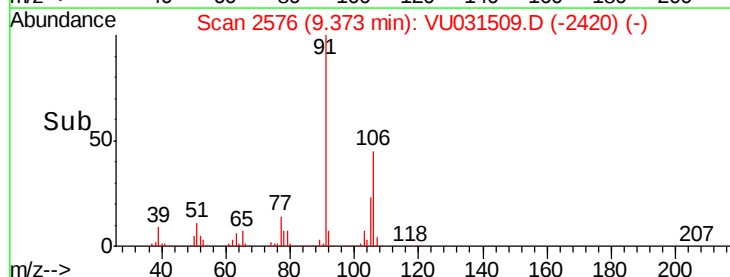
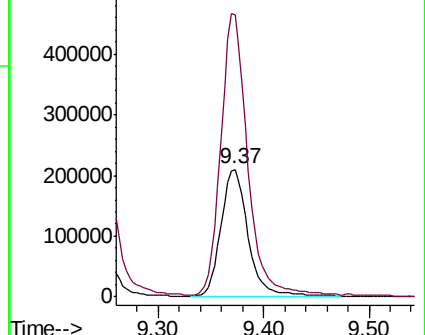
106 100

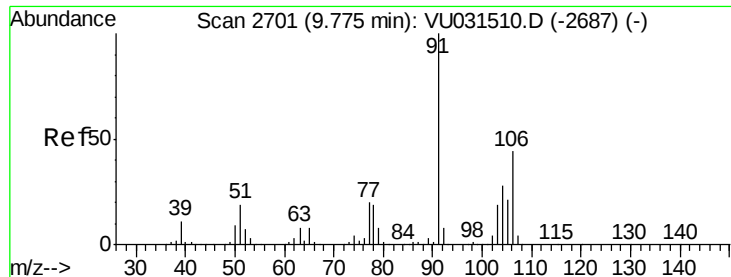
91 217.3 171.0 256.4



Abundance Ion 106.00 (105.70 to 106.70): VU031510.D (-2562) (-)

Ion 91.00 (90.70 to 91.70): VU031510.D (-2562) (-)

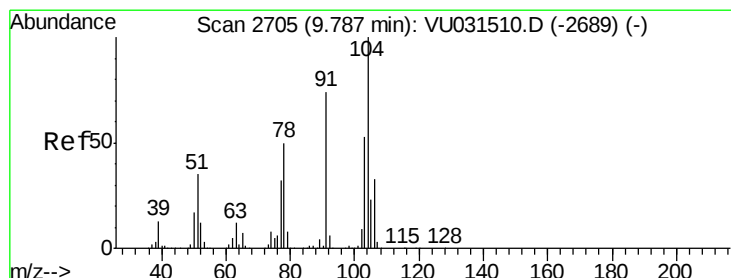
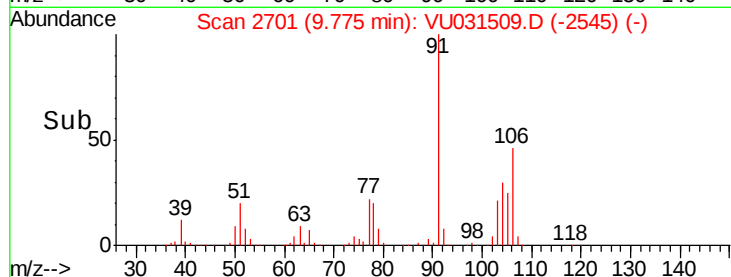
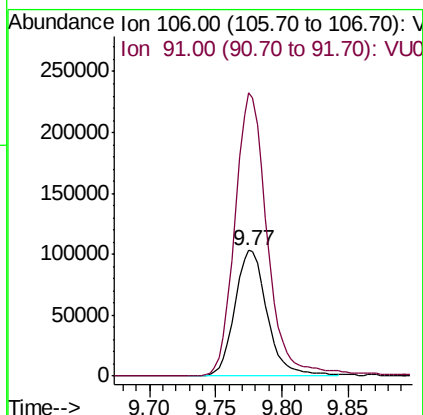
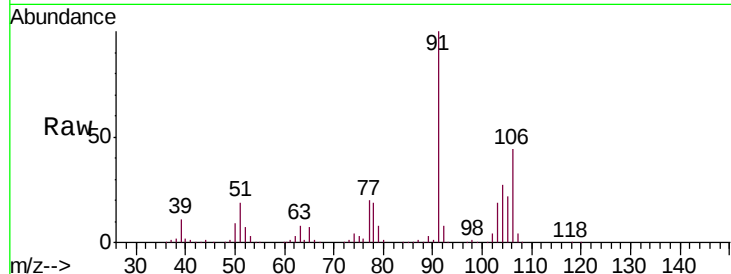




#65
o-Xylene
Concen: 5.558 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

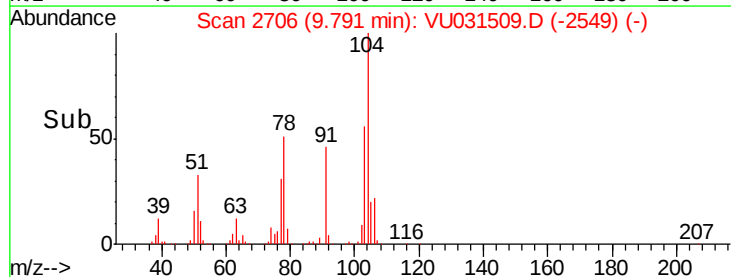
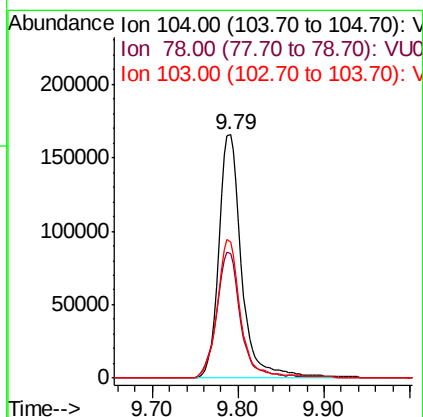
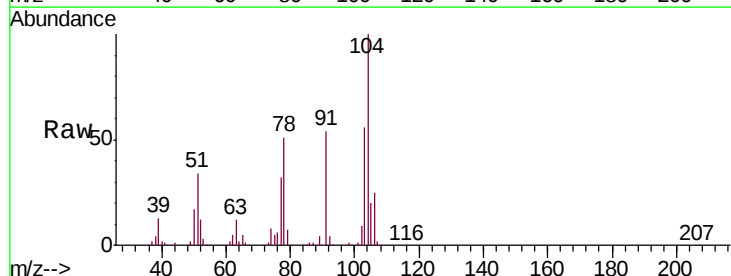
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

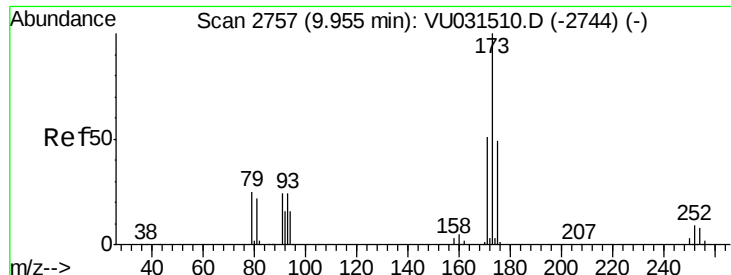
Tgt Ion:106 Resp: 176091
Ion Ratio Lower Upper
106 100
91 225.9 113.8 341.4



#66
Styrene
Concen: 5.709 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion:104 Resp: 306690
Ion Ratio Lower Upper
104 100
78 53.6 42.5 63.7
103 58.2 44.5 66.7

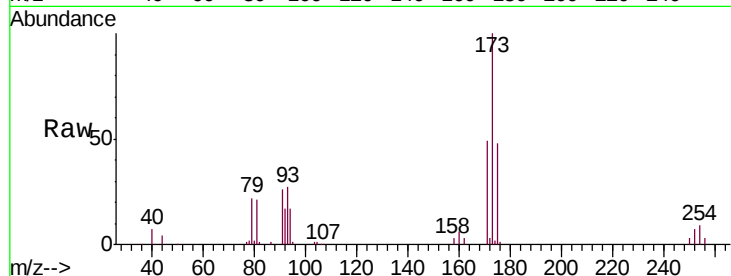




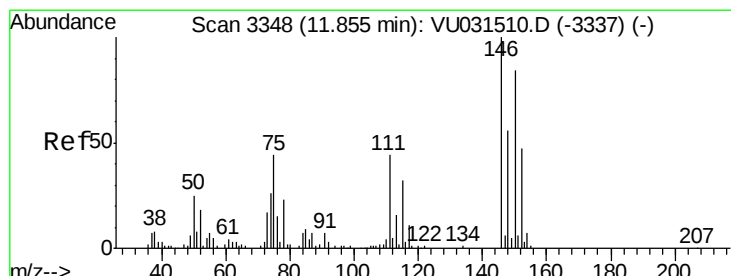
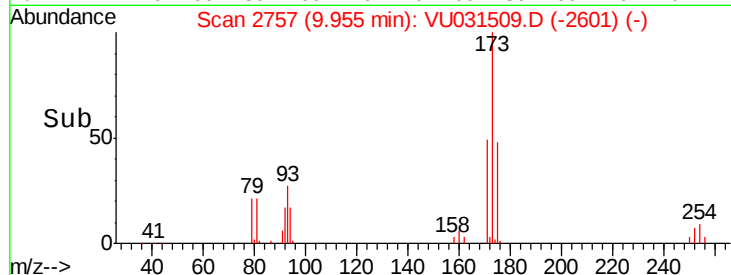
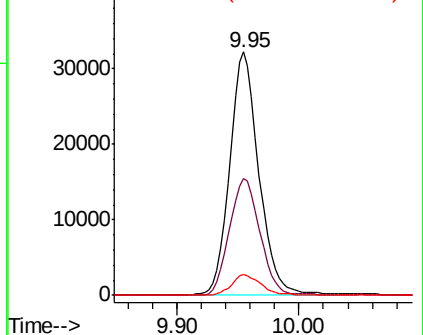
#67
 Bromoform
 Concen: 4.642 ug/l
 RT: 9.95 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:173 Resp: 53854
 Ion Ratio Lower Upper
 173 100
 175 49.7 38.7 58.1
 254 8.4 6.0 9.0

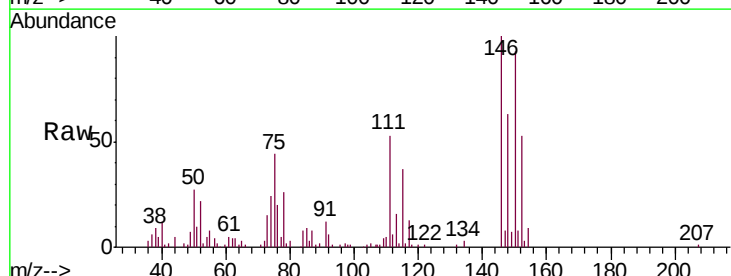


Abundance Ion 172.90 (172.60 to 173.60): V
 Ion 174.90 (174.60 to 175.60): V
 Ion 253.75 (253.45 to 254.45): V

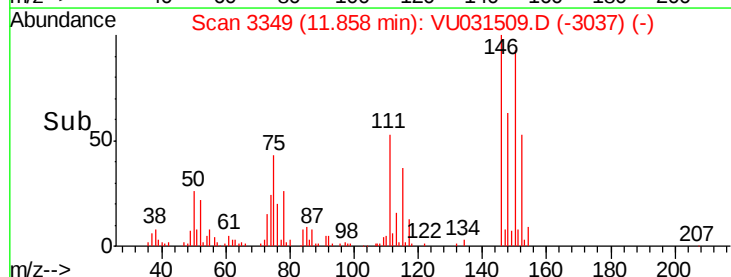
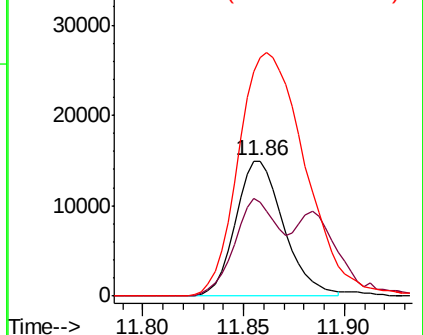


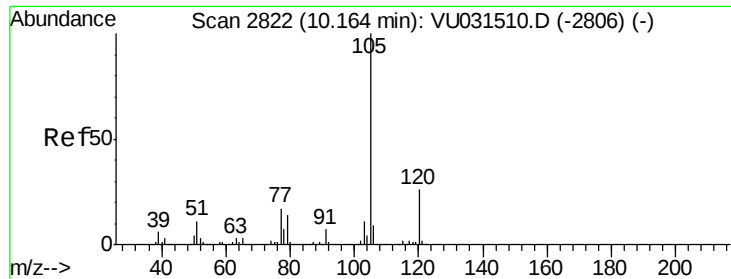
#68
 1,2-Dichlorobenzene-d4
 Concen: 4.642 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:152 Resp: 24993
 Ion Ratio Lower Upper
 152 100
 115 66.0 0.0 123.2
 150 250.1 0.0 658.2



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: 5.362 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

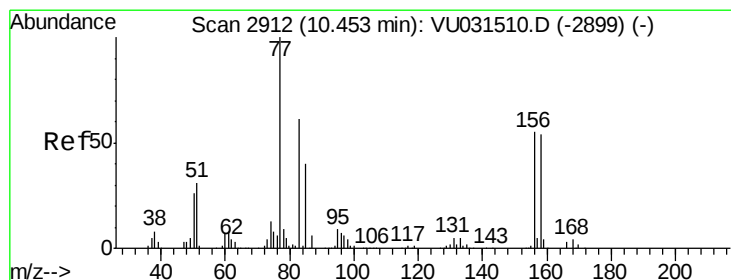
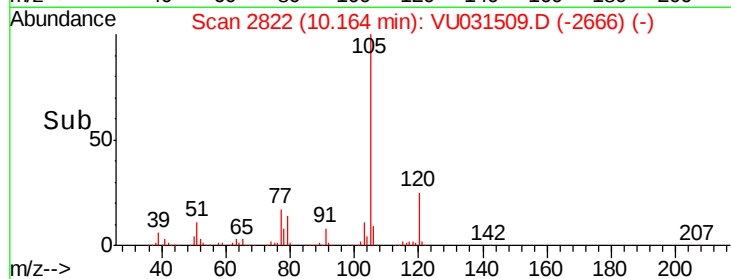
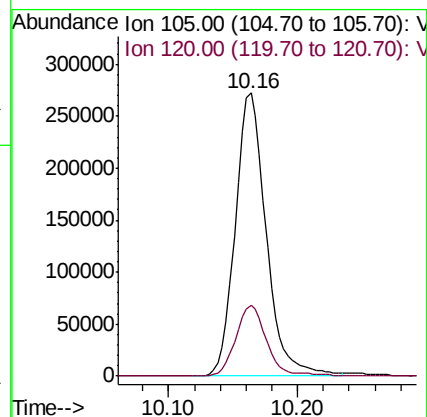
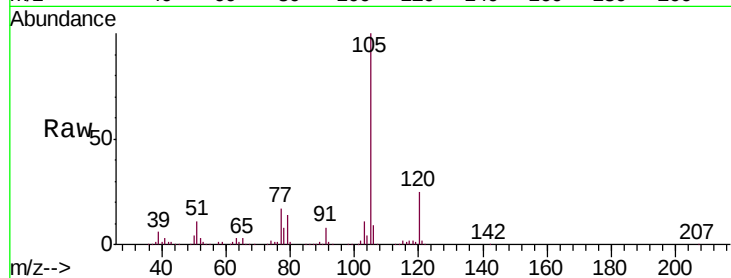
VSTDIC005

Tgt Ion:105 Resp: 454132

Ion Ratio Lower Upper

105 100

120 25.3 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 5.230 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

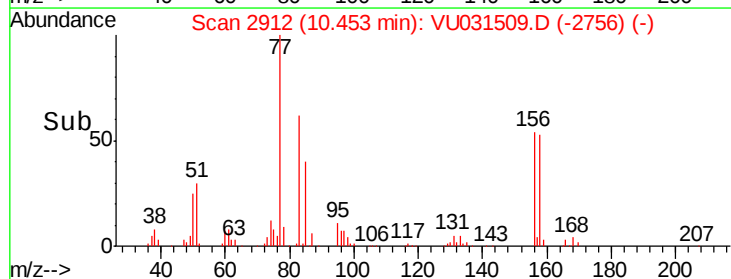
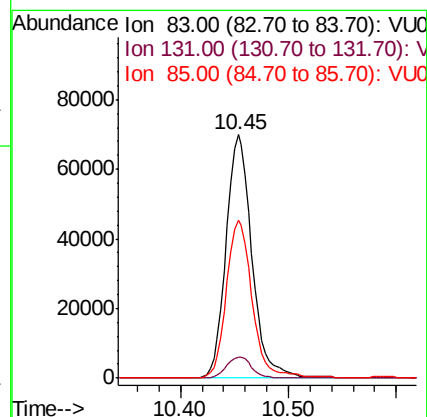
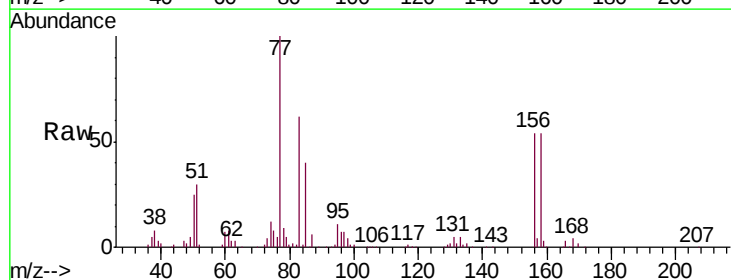
Tgt Ion: 83 Resp: 116803

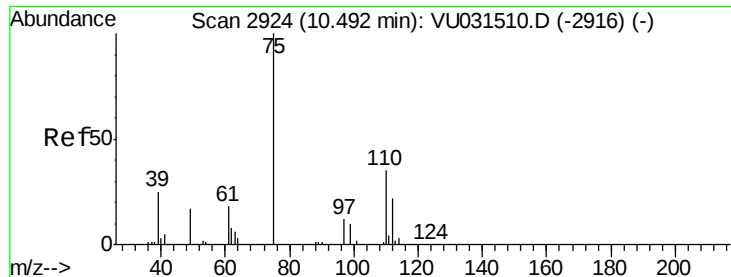
Ion Ratio Lower Upper

83 100

131 8.4 7.2 10.8

85 64.7 52.8 79.2





#71

1,2,3-Trichloropropane

Concen: 8.587 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 75 Resp: 138071

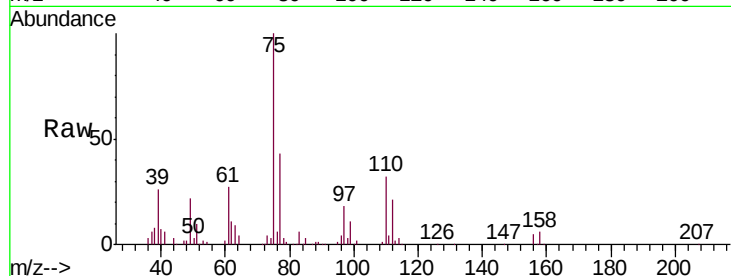
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 20.2 0.0 68.2

97 11.9 0.0 36.6

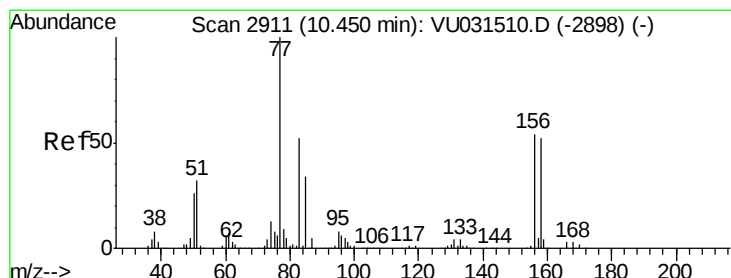
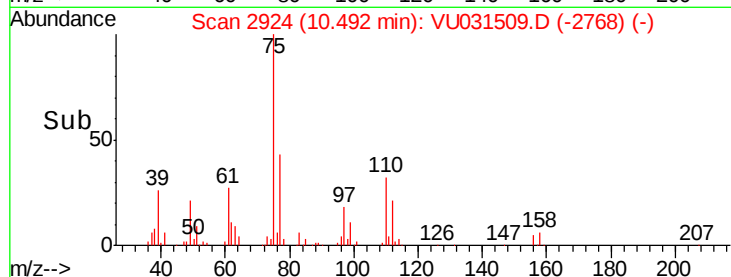
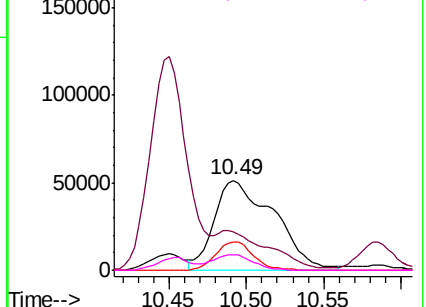


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

Ion 110.00 (109.70 to 110.70): V

Ion 97.00 (96.70 to 97.70): VU0



#72

Bromobenzene

Concen: 5.020 ug/l

RT: 10.45 min Scan# 2911

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

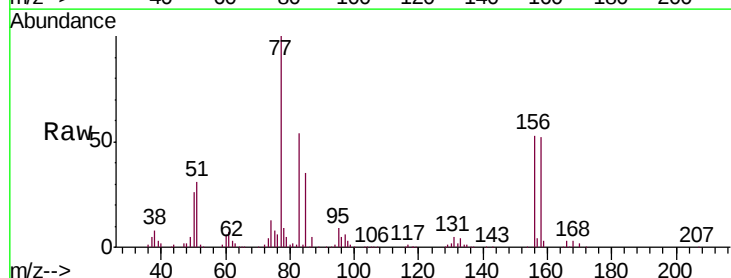
Tgt Ion: 156 Resp: 111549

Ion Ratio Lower Upper

156 100

77 183.6 0.0 353.4

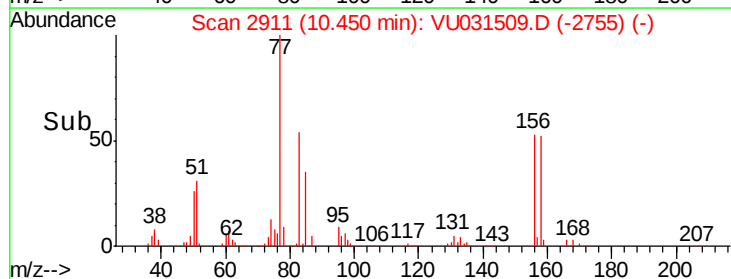
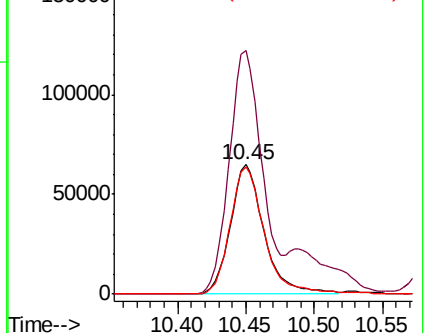
158 100.2 0.0 190.6

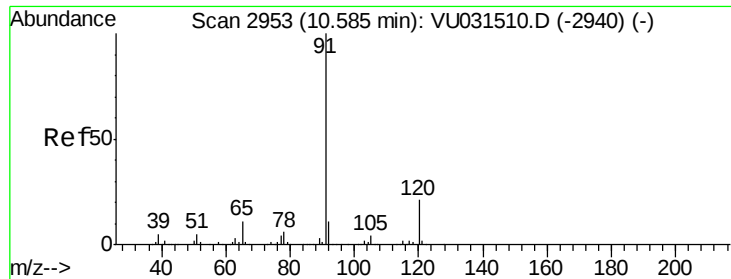


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V

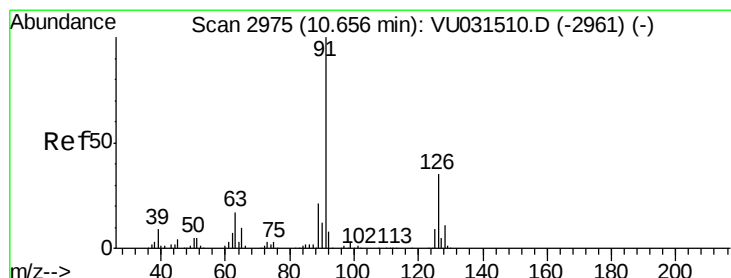
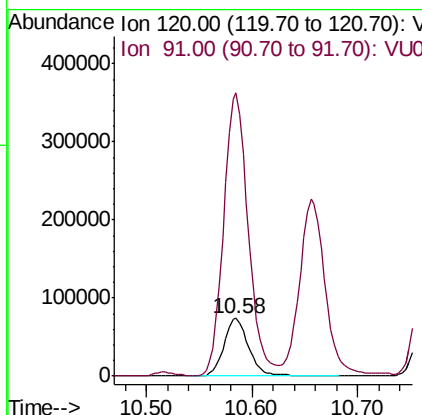
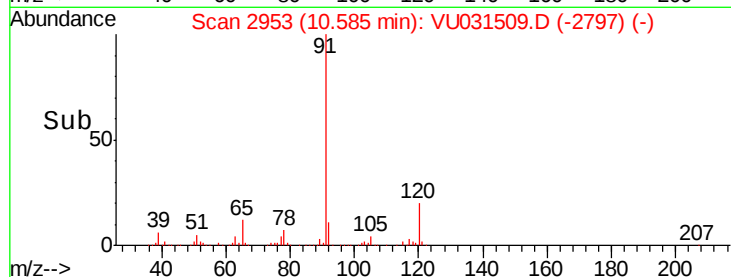
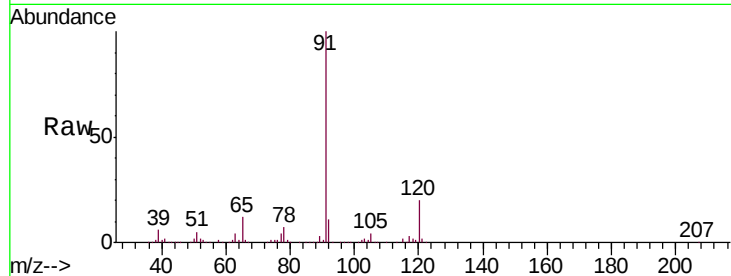




#73
n-propylbenzene
Concen: 5.372 ug/l
RT: 10.58 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

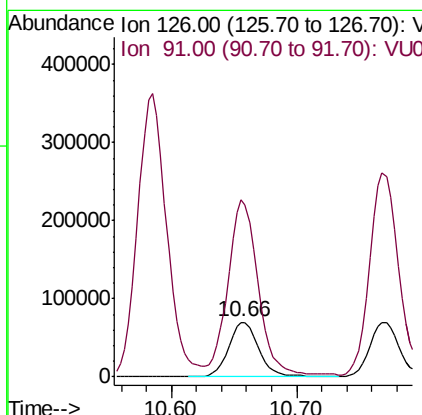
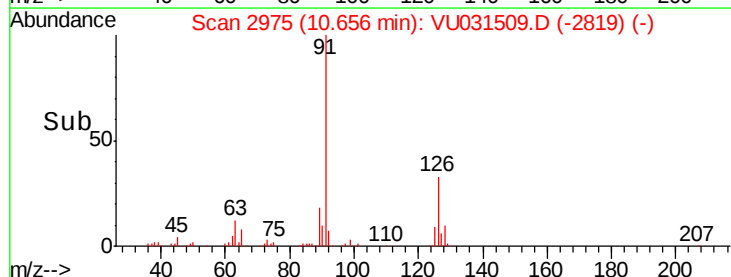
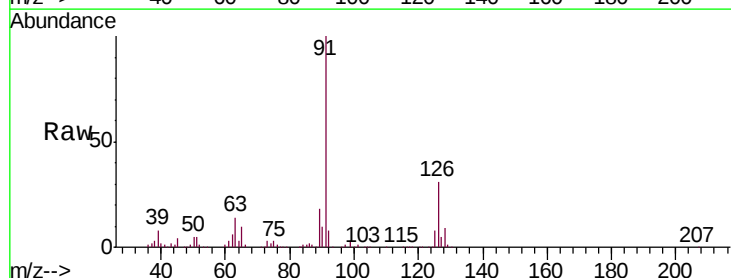
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

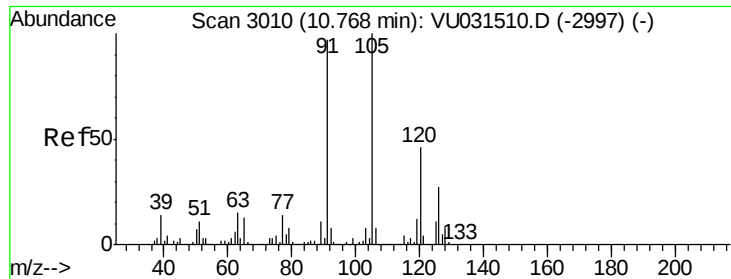
Tgt Ion:120 Resp: 121210
Ion Ratio Lower Upper
120 100
91 481.9 373.9 560.9



#74
2-Chlorotoluene
Concen: 5.660 ug/l
RT: 10.66 min Scan# 2975
Delta R.T. 0.00 min
Lab File: VU031509.D
Acq: 25 Apr 2019 19:50

Tgt Ion:126 Resp: 117632
Ion Ratio Lower Upper
126 100
91 325.5 0.0 659.6





#75

1,3,5-Trimethylbenzene

Concen: 5.765 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

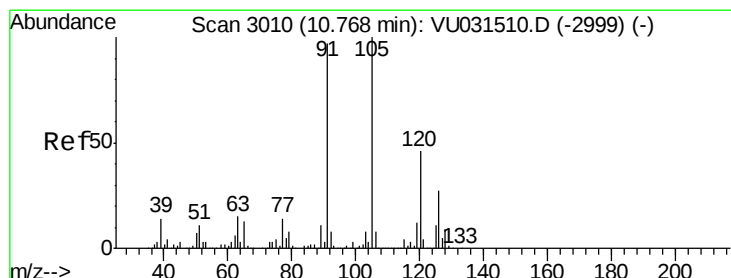
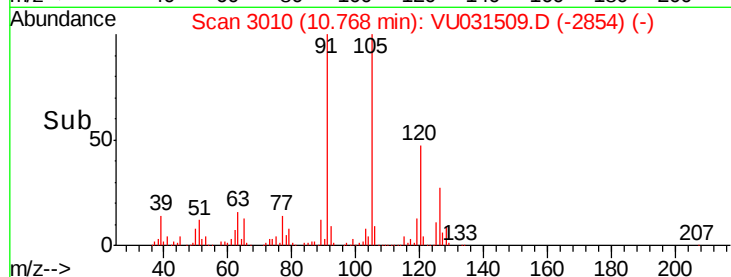
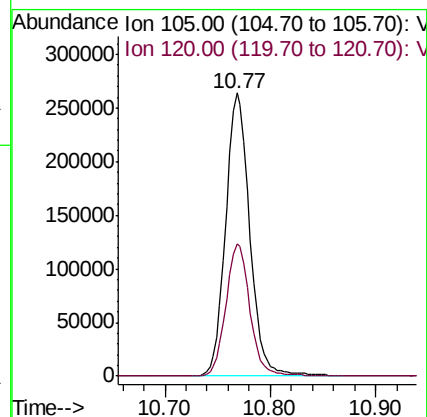
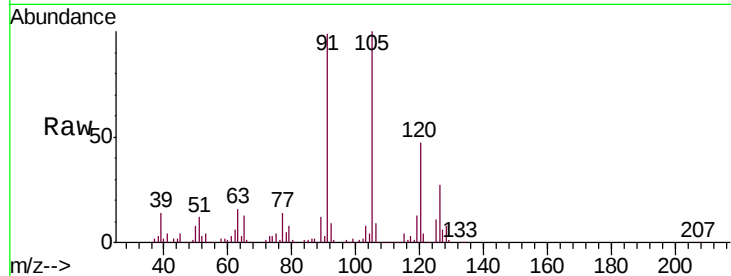
VSTDIC005

Tgt Ion:105 Resp: 415471

Ion Ratio Lower Upper

105 100

120 47.1 36.8 55.2



#76

4-Chlorotoluene

Concen: 5.639 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031509.D

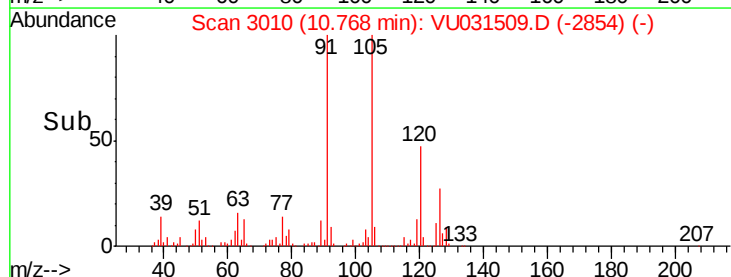
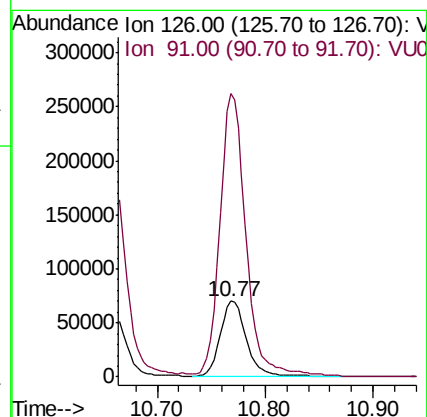
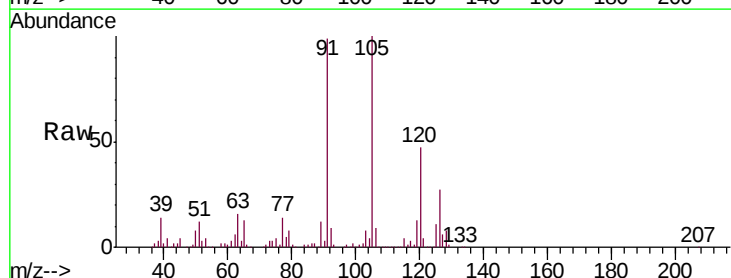
Acq: 25 Apr 2019 19:50

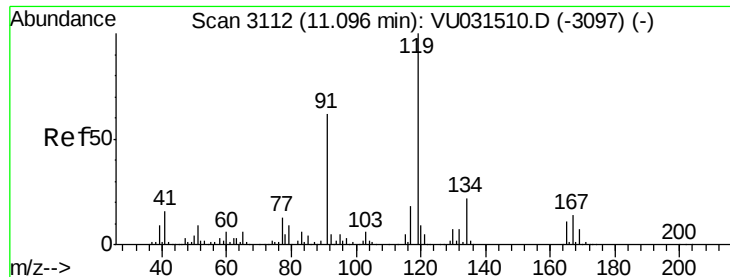
Tgt Ion:126 Resp: 118479

Ion Ratio Lower Upper

126 100

91 368.2 0.0 732.0

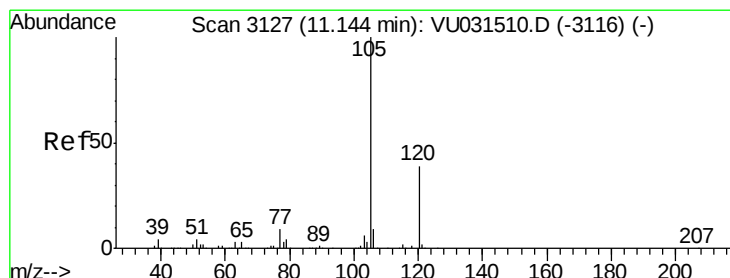
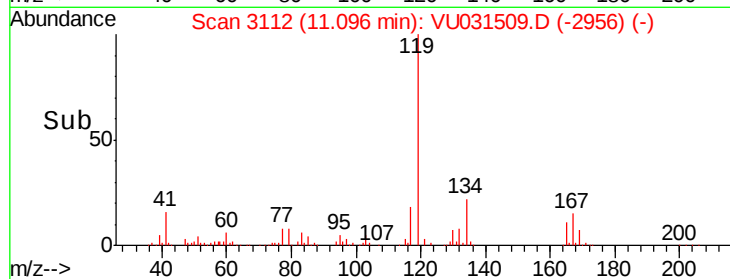
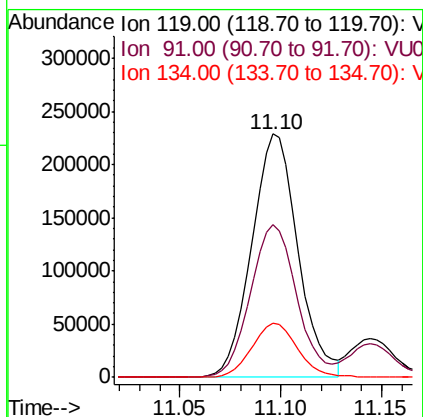
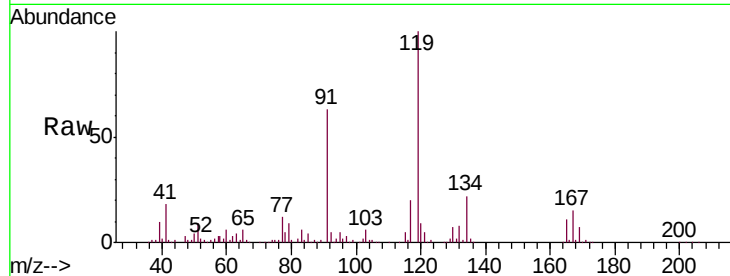




#77
 tert-Butylbenzene
 Concen: 5.279 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

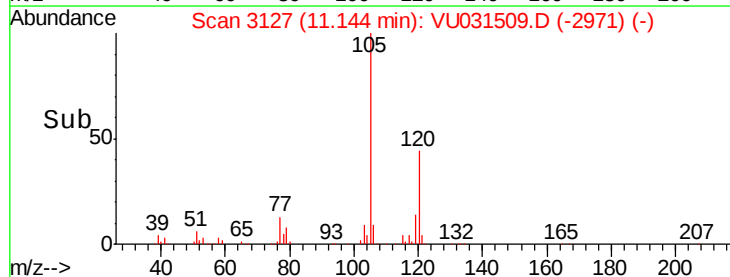
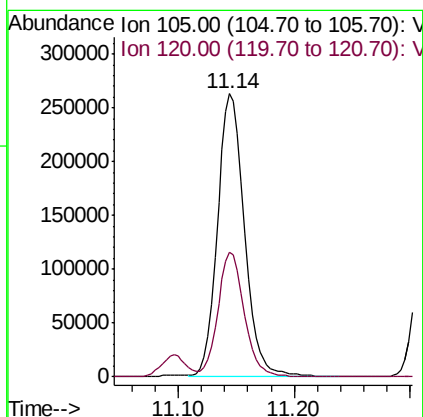
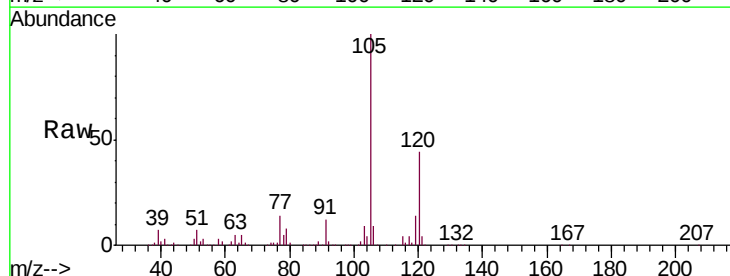
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

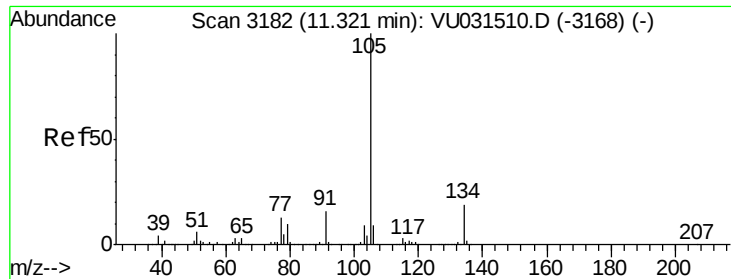
Tgt Ion:119 Resp: 367374
 Ion Ratio Lower Upper
 119 100
 91 62.5 31.4 94.2
 134 22.5 17.4 26.2



#78
 1,2,4-Trimethylbenzene
 Concen: 5.830 ug/l
 RT: 11.14 min Scan# 3127
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:105 Resp: 422449
 Ion Ratio Lower Upper
 105 100
 120 42.8 21.6 65.0

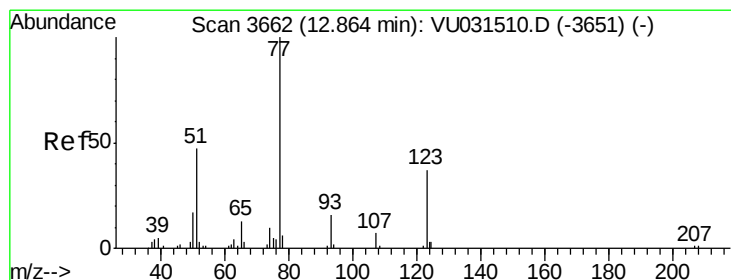
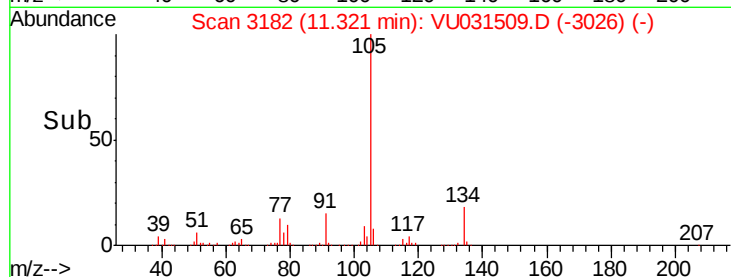
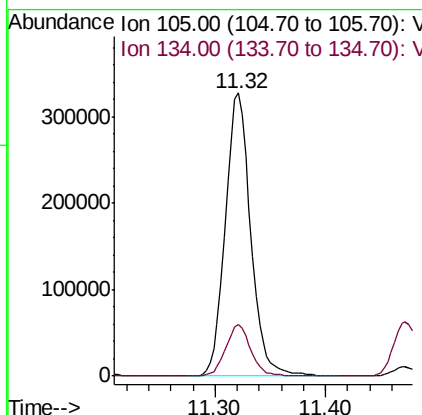
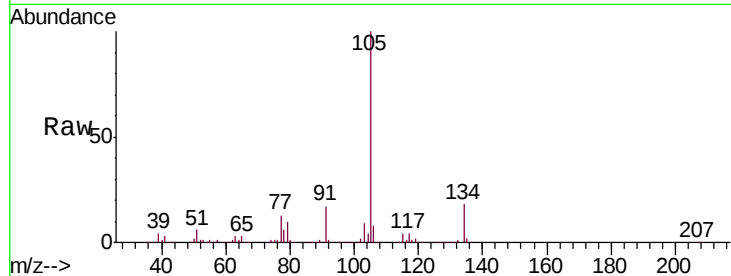




#79
 sec-Butylbenzene
 Concen: 5.550 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

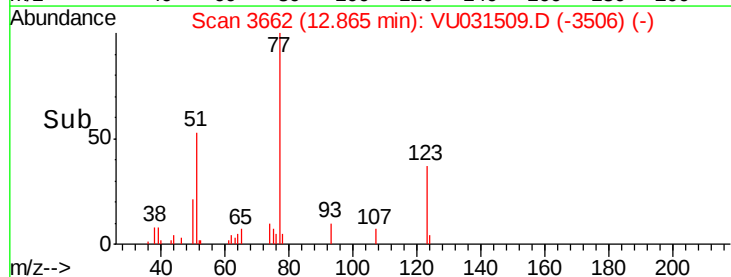
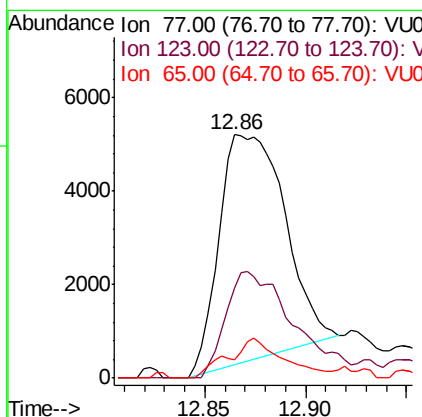
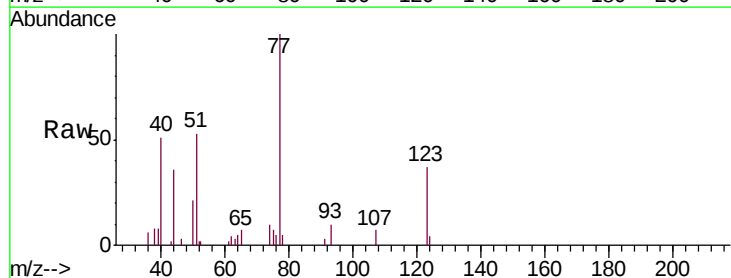
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

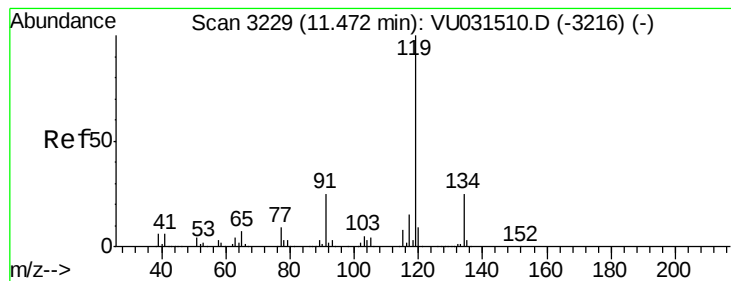
Tgt Ion: 105 Resp: 523693
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.0 22.6



#80
 Nitrobenzene
 Concen: 15.681 ug/l
 RT: 12.86 min Scan# 3662
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion: 77 Resp: 11089
 Ion Ratio Lower Upper
 77 100
 123 0.0 17.2 61.0#
 65 3.6 9.7 12.3#





#81

p-Isopropyltoluene

Concen: 5.449 ug/l

RT: 11.47 min Scan# 3229

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

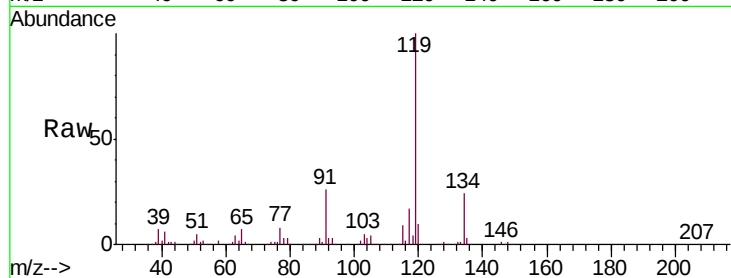
Tgt Ion:119 Resp: 411350

Ion Ratio Lower Upper

119 100

134 24.5 20.3 30.5

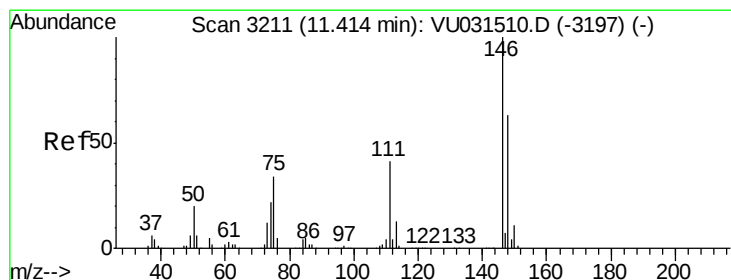
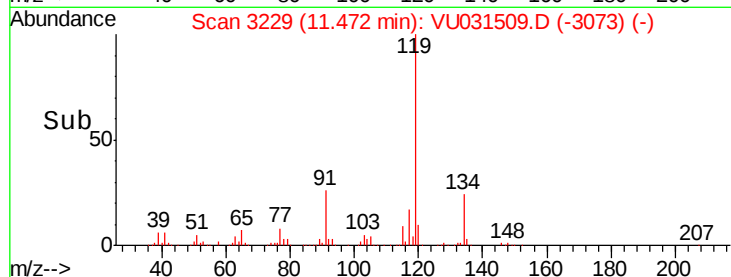
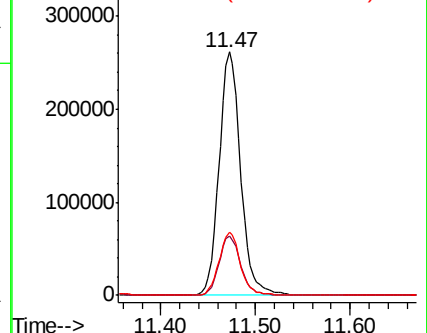
91 25.3 20.3 30.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0



#82

1,3-Dichlorobenzene

Concen: 5.239 ug/l

RT: 11.41 min Scan# 3211

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

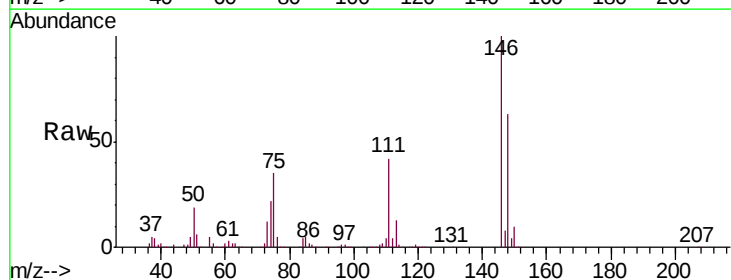
Tgt Ion:146 Resp: 230306

Ion Ratio Lower Upper

146 100

111 41.5 33.4 50.0

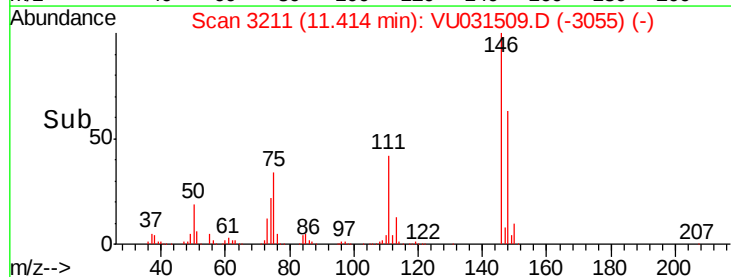
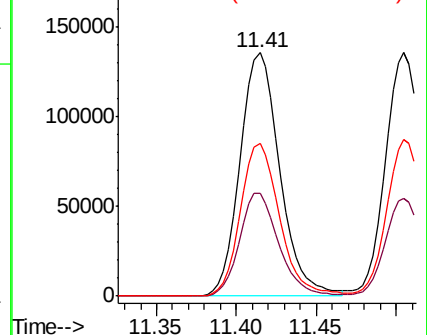
148 61.8 50.2 75.4

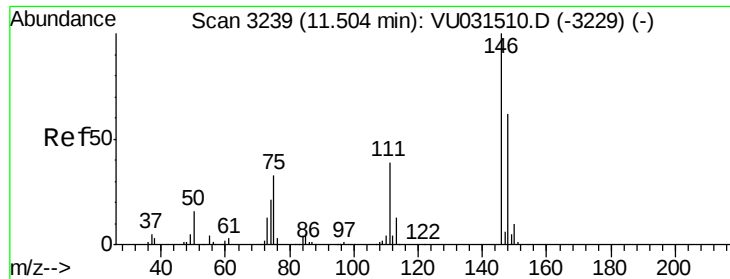


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

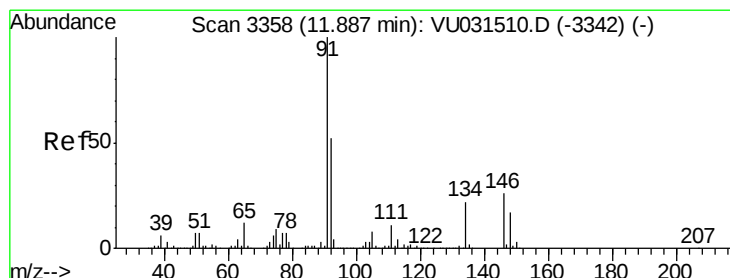
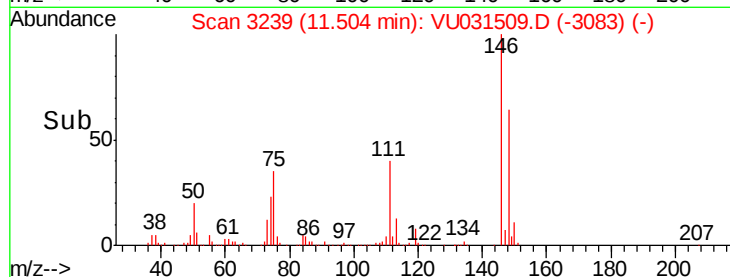
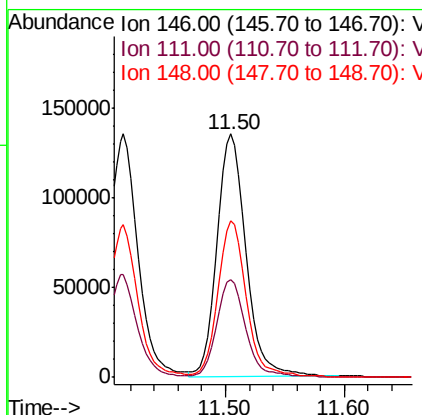
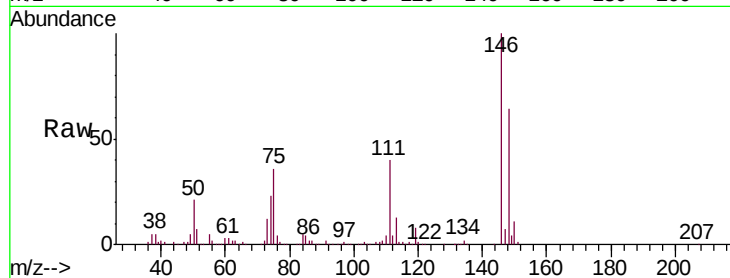




#83
 1,4-Dichlorobenzene
 Concen: 5.409 ug/l
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

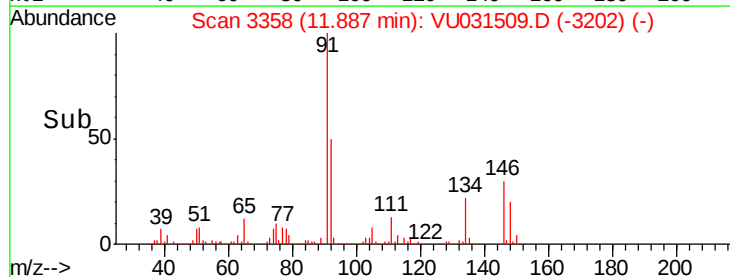
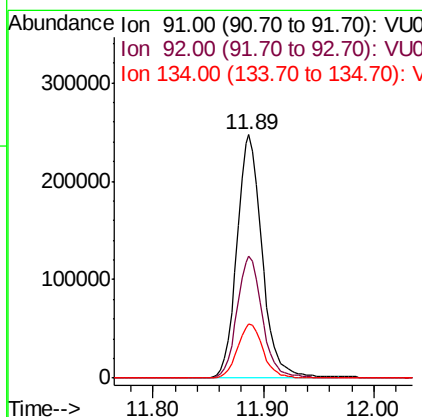
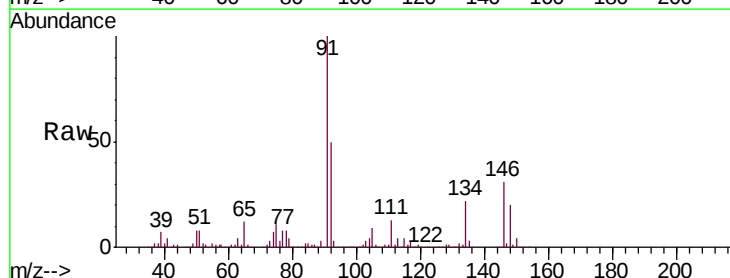
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

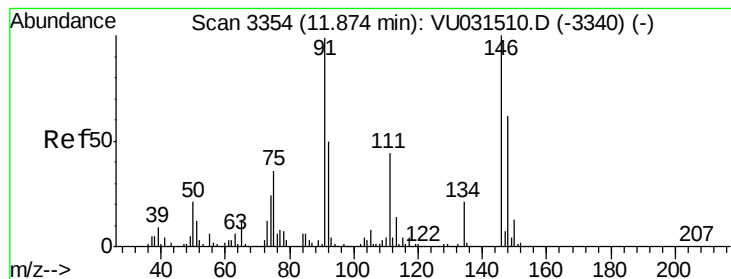
Tgt Ion: 146 Resp: 229523
 Ion Ratio Lower Upper
 146 100
 111 39.6 32.2 48.4
 148 63.2 51.2 76.8



#84
 n-Butylbenzene
 Concen: 5.350 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion: 91 Resp: 391044
 Ion Ratio Lower Upper
 91 100
 92 50.4 41.2 61.8
 134 22.4 18.1 27.1





#85

1,2-Dichlorobenzene

Concen: 5.187 ug/l

RT: 11.88 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

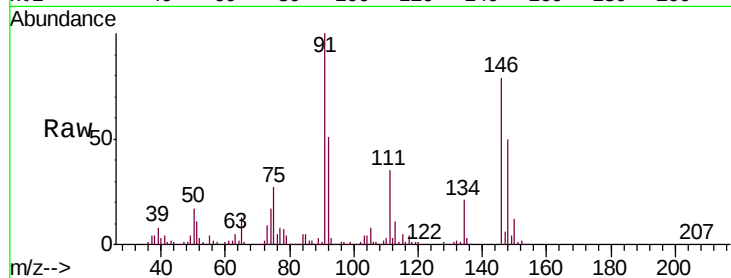
Tgt Ion:146 Resp: 212916

Ion Ratio Lower Upper

146 100

111 45.5 21.7 65.1

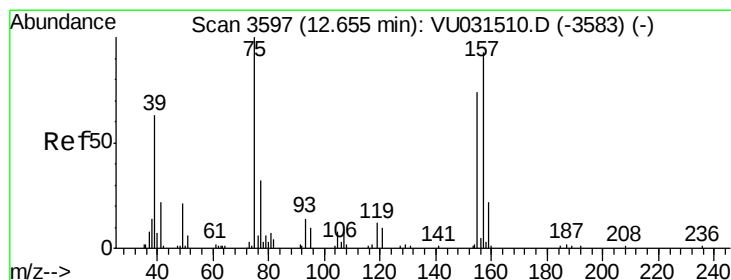
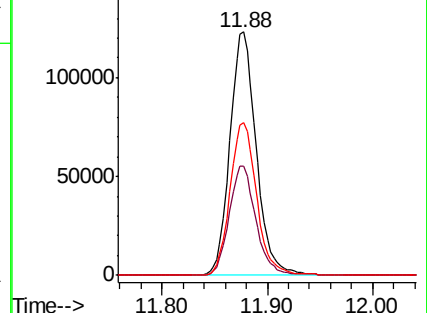
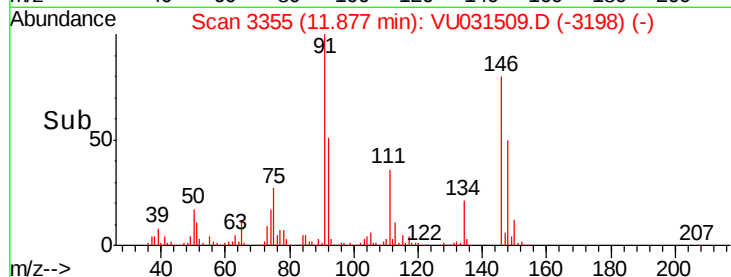
148 63.5 31.6 94.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#86

1,2-Dibromo-3-Chloropropane

Concen: 5.255 ug/l

RT: 12.65 min Scan# 3596

Delta R.T. -0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

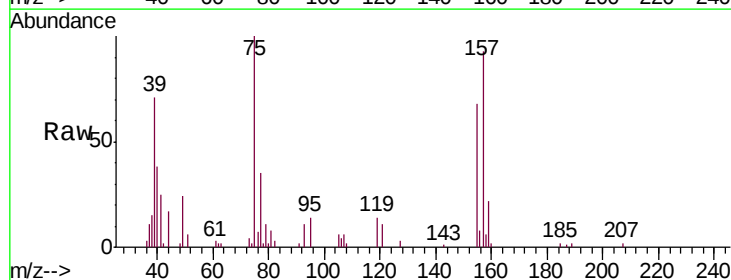
Tgt Ion: 75 Resp: 16640

Ion Ratio Lower Upper

75 100

155 69.4 58.5 87.7

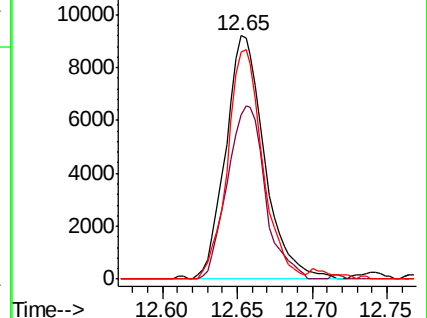
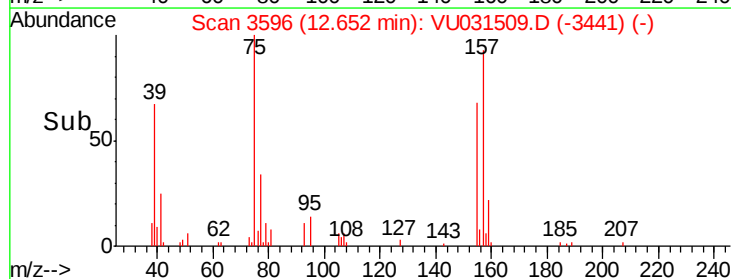
157 85.1 75.0 112.4

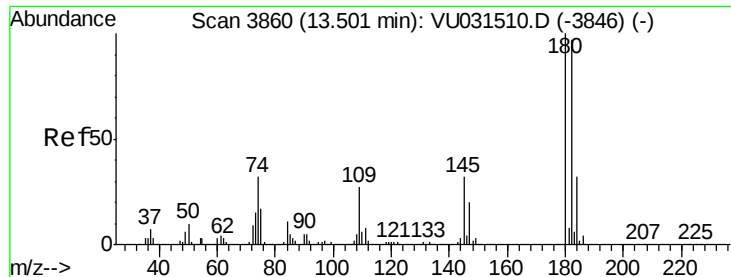


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

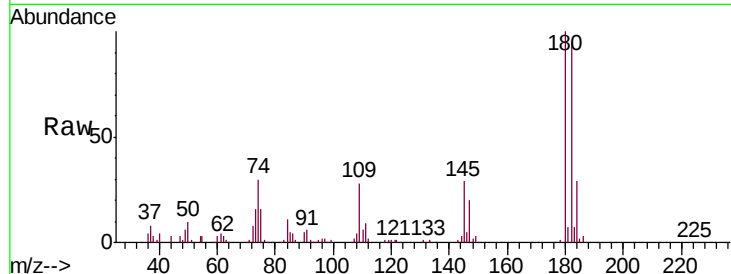




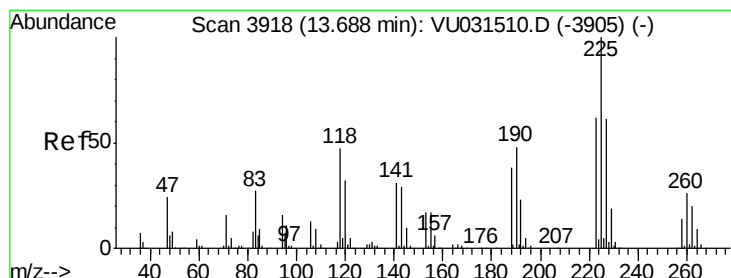
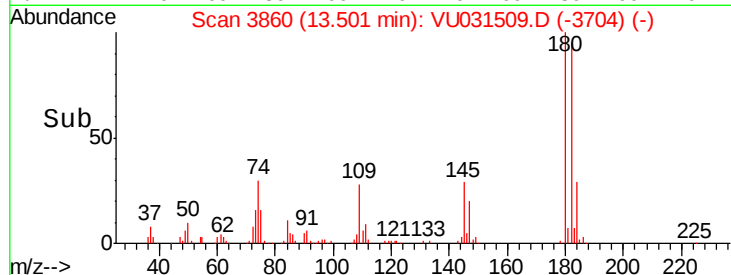
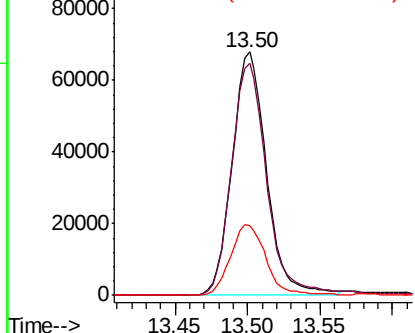
#87
 1,2,4-Trichlorobenzene
 Concen: 4.568 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 112340
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.5 113.3
 145 30.0 23.9 35.9

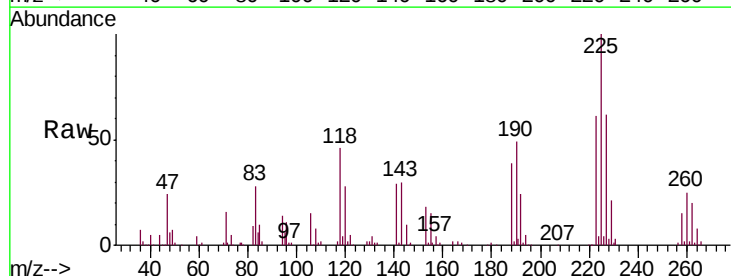


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

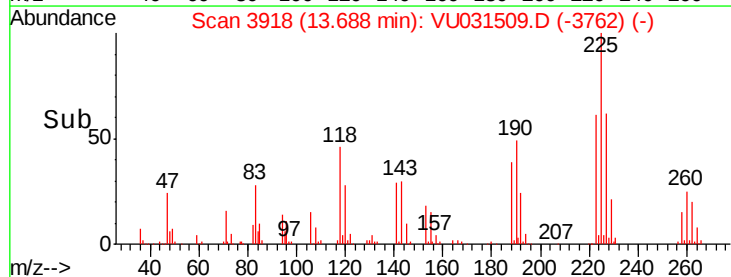
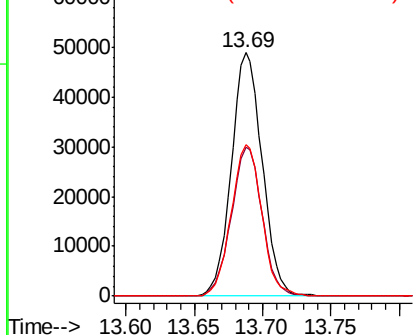


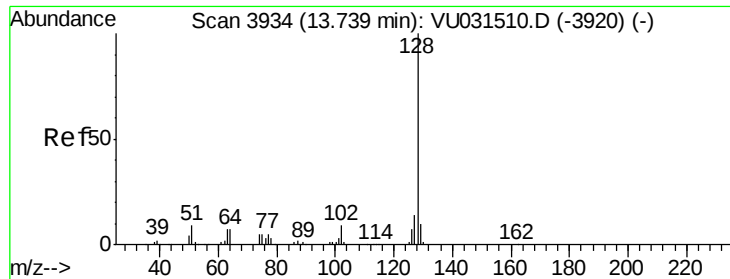
#88
 Hexachlorobutadiene
 Concen: 4.608 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031509.D
 Acq: 25 Apr 2019 19:50

Tgt Ion:225 Resp: 76715
 Ion Ratio Lower Upper
 225 100
 223 60.8 50.2 75.4
 227 61.7 50.4 75.6



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





#89

Naphthalene

Concen: 4.600 ug/l

RT: 13.74 min Scan# 3935

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

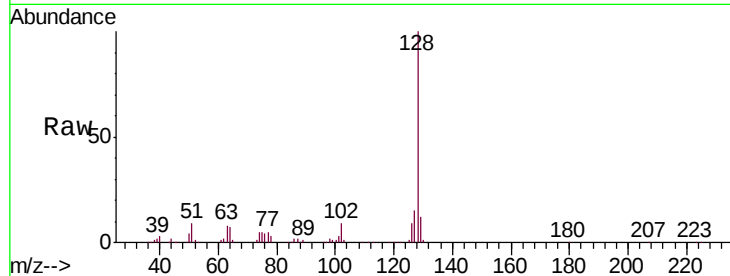
Tgt Ion:128 Resp: 189138

Ion Ratio Lower Upper

128 100

127 14.2 10.8 16.2

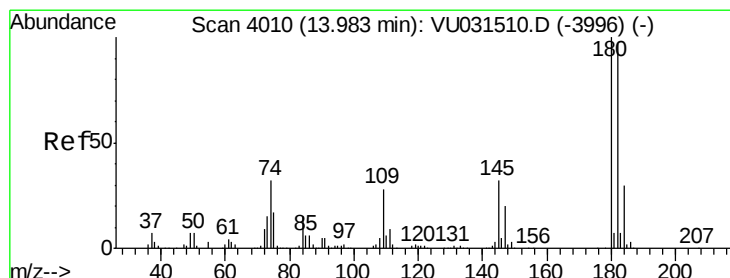
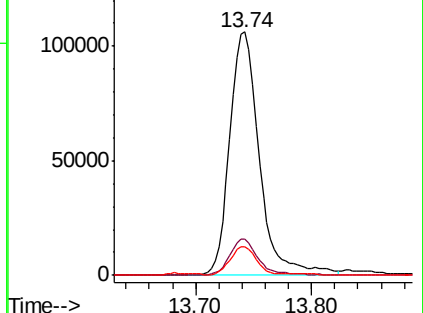
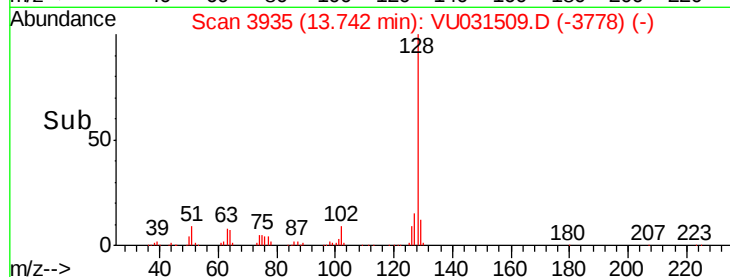
129 9.8 8.2 12.2



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: 4.631 ug/l

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU031509.D

Acq: 25 Apr 2019 19:50

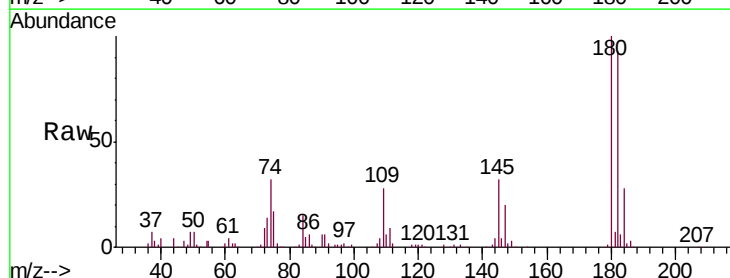
Tgt Ion:180 Resp: 114319

Ion Ratio Lower Upper

180 100

182 91.5 77.1 115.7

145 32.6 25.9 38.9



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

