

Data File : VU031506.D
Acq On : 25 Apr 2019 17:35
Operator : JC/SP
Sample : VSTDIC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Apr 26 04:32:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	87632	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	29151	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	25046	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	19822	0.507 ug/l	94
3) Chloromethane	1.32	50	26755	0.574 ug/l	99
4) Vinyl Chloride	1.40	62	23980	0.543 ug/l	99
5) Bromomethane	1.63	94	12979	0.597 ug/l	88
6) Chloroethane	1.70	64	13418	0.537 ug/l	100
7) Trichlorofluoromethane	1.88	101	26468	0.526 ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12161	0.478 ug/l	98
9) 1,1-Dichloroethene	2.28	96	13188	0.522 ug/l	94
10) Iodomethane	2.41	142	12862	0.470 ug/l	98
11) Allyl Chloride	2.59	41	29657	0.545 ug/l	100
12) Acrylonitrile	2.94	53	8703	1.152 ug/l #	92
13) Acetone	2.33	43	21236	3.037 ug/l	95
14) Carbon Disulfide	2.48	76	51471	0.536 ug/l	99
15) Methylene Chloride	2.70	84	19517	0.608 ug/l	96
16) trans-1,2-Dichloroethene	2.98	96	14697	0.518 ug/l	98
17) 1,1-Dichloroethane	3.44	63	31866	0.552 ug/l	100
18) 2-Butanone	4.30	43	21195	2.352 ug/l	89
19) Cyclohexane	4.98	56	18578	0.417 ug/l #	93
20) Methylcyclohexane	6.41	83	14827	0.414 ug/l	95
21) 2,2-Dichloropropane	4.22	77	23618	0.562 ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	15930	0.539 ug/l	96
23) Diethyl Ether	2.10	59	12498	0.520 ug/l	95
24) tert-Butyl Alcohol	2.87	59	13617	5.476 ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	38329	0.529 ug/l	95
26) Bromochloromethane	4.54	128	2916	0.231 ug/l #	1
27) Chloroform	4.67	83	29092	0.535 ug/l	91
28) 1,1,1-Trichloroethane	4.91	97	24015	0.534 ug/l	98
29) 1,1-Dichloropropene	5.13	75	16539	0.452 ug/l	97
30) Carbon Tetrachloride	5.13	117	19717	0.511 ug/l	97
31) Isopropyl Ether	3.57	45	44048	0.510 ug/l	93
32) Ethyl-t-butyl ether	4.07	59	33983	0.481 ug/l	98
33) Tert-Amyl methyl ether	5.58	73	25689	0.457 ug/l #	96
34) Propionitrile	4.35	54	1785	0.778 ug/l #	60
35) Benzene	5.39	78	54727	0.486 ug/l	99
36) 1,2-Dichloroethane	5.41	62	19630	0.546 ug/l	97
37) Trichloroethene	6.18	130	14498	0.520 ug/l	91
38) 1,2-Dichloropropane	6.43	63	16552	0.527 ug/l	90
39) Methacrylonitrile	4.57	41	4327	0.429 ug/l #	51
40) Methyl acrylate	4.45	55	4868	0.639 ug/l #	79
41) Tetrahydrofuran	4.67	42	5469	0.999 ug/l #	83
42) 1-Chlorobutane	5.06	56	26306	0.471 ug/l	98

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MSVOA_U
ClientSampleId :
VSTDIC0.5

Quant Time: Apr 26 04:32:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 04:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	8665	0.568	ug/l	90
44) Bromodichloromethane	6.76	83	19919	0.513	ug/l	94
45) 4-Methyl-2-Pentanone	7.47	43	42653	2.312	ug/l	93
46) t-1,4-Dichloro-2-butene	10.49	75	7563	1.297	ug/l #	75
47) Methyl methacrylate	6.63	69	9201	0.755	ug/l #	87
48) Ethyl methacrylate	8.03	69	8126	0.698	ug/l	100
49) Toluene	7.63	92	25718	0.444	ug/l	100
50) t-1,3-Dichloropropene	7.89	75	14612	0.487	ug/l	95
51) cis-1,3-Dichloropropene	7.27	75	16899	0.449	ug/l #	91
52) 1,1,2-Trichloroethane	8.07	97	9842	0.483	ug/l	94
53) 1,3-Dichloropropane	8.25	76	17767	0.506	ug/l	97
54) 2-Hexanone	8.37	43	27264	2.207	ug/l	94
55) Dibromochloromethane	8.48	129	11896	0.523	ug/l	96
56) 1,2-Dibromoethane	8.59	107	9096	0.507	ug/l	93
58) Tetrachloroethene	8.22	164	12178	0.456	ug/l	93
59) Chlorobenzene	9.12	112	29060	0.480	ug/l	91
60) 1,1,1,2-Tetrachloroethane	9.21	131	12334	0.507	ug/l	97
61) Pentachloroethane	11.10	117	8752	0.524	ug/l	95
62) Hexachloroethane	12.14	117	8262	0.494	ug/l	99
63) Ethyl Benzene	9.25	91	39540	0.393	ug/l	95
64) m/p-Xylenes	9.37	106	28888	0.770	ug/l	89
65) o-Xylene	9.78	106	14105	0.382	ug/l	95
66) Styrene	9.79	104	21708	0.609	ug/l	93
67) Bromoform	9.96	173	6740	0.530	ug/l #	92
69) Isopropylbenzene	10.16	105	37589	0.394	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	13516	0.517	ug/l	96
71) 1,2,3-Trichloropropane	10.49	75	7563	0.406	ug/l #	87
72) Bromobenzene	10.45	156	10736	0.438	ug/l	94
73) n-propylbenzene	10.58	120	8830	0.575	ug/l	100
74) 2-Chlorotoluene	10.66	126	8887	0.374	ug/l	91
75) 1,3,5-Trimethylbenzene	10.77	105	28875	0.530	ug/l	96
76) 4-Chlorotoluene	10.77	126	7832	0.456	ug/l	94
77) tert-Butylbenzene	11.10	119	28513	0.373	ug/l	96
78) 1,2,4-Trimethylbenzene	11.15	105	28774	0.527	ug/l	95
79) sec-Butylbenzene	11.32	105	34985	0.471	ug/l	97
81) p-Isopropyltoluene	11.47	119	27455	0.558	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	20454	0.426	ug/l	98
83) 1,4-Dichlorobenzene	11.51	146	16832	0.367	ug/l	90
84) n-Butylbenzene	11.89	91	24299	0.605	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	20917	0.463	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	1836	0.510	ug/l #	71
87) 1,2,4-Trichlorobenzene	13.51	180	7503	0.319	ug/l	100
88) Hexachlorobutadiene	13.69	225	7133	0.421	ug/l	95
89) Naphthalene	13.75	128	11743	0.830	ug/l #	89
90) 1,2,3-Trichlorobenzene	13.99	180	8750	0.587	ug/l	96

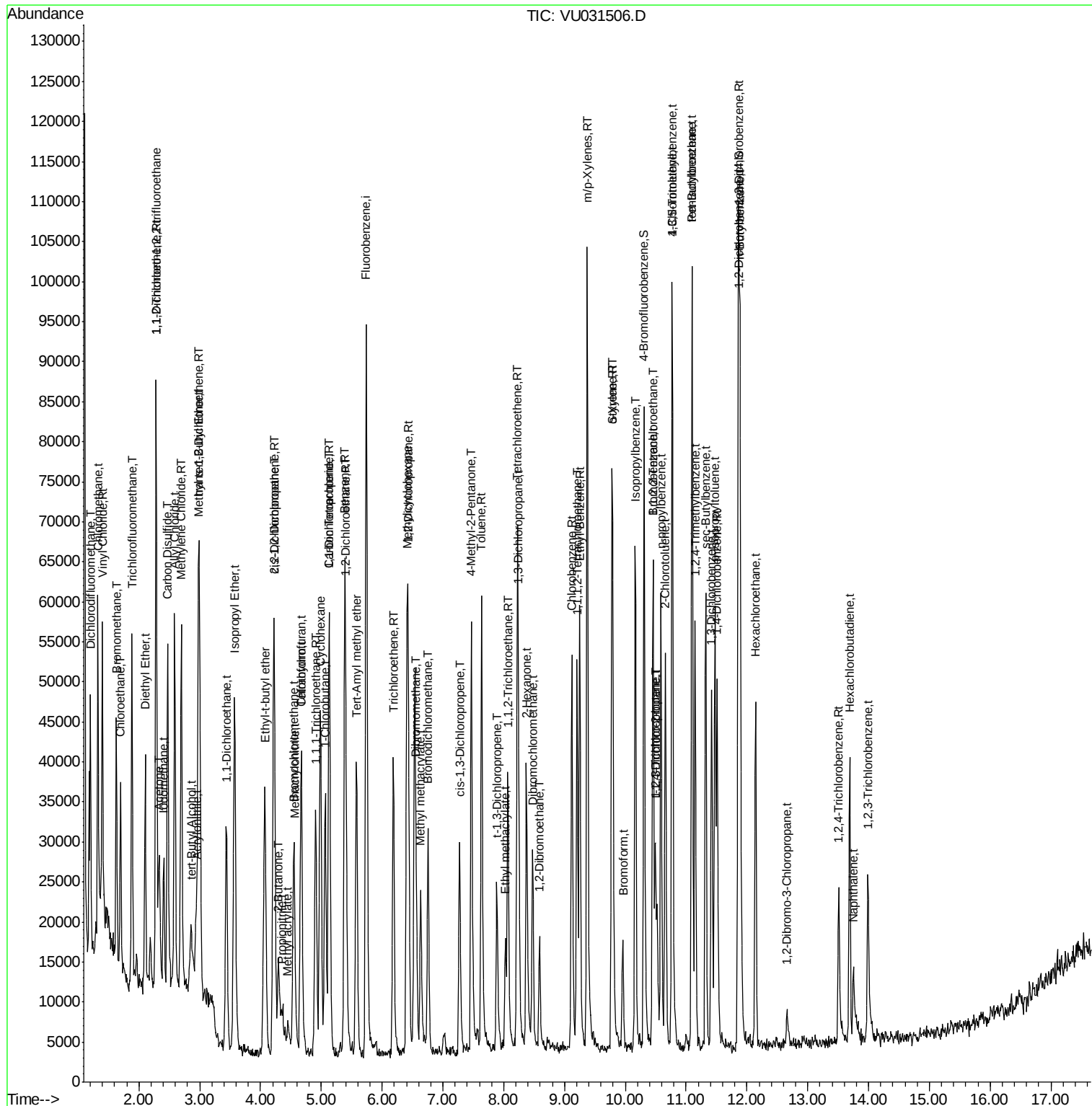
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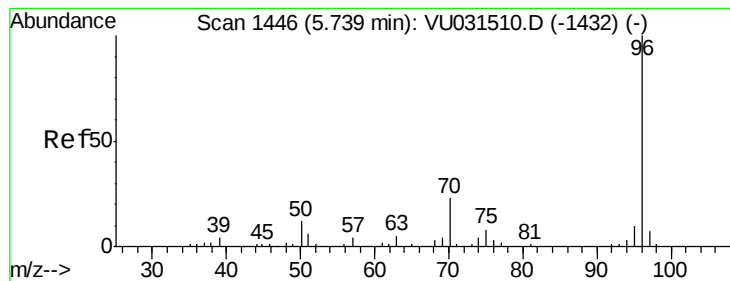
Data File : VU031506.D

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MSVOA_U
ClientSampleId :
VSTDICCO.5

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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: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 96 Resp: 87632

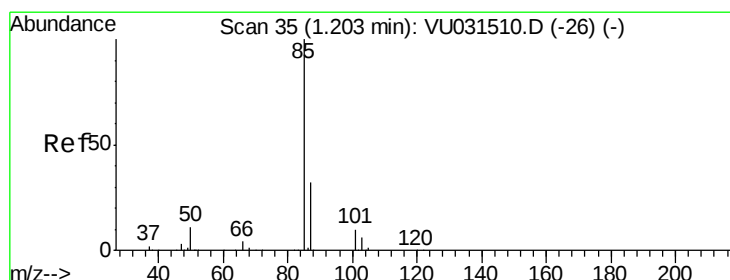
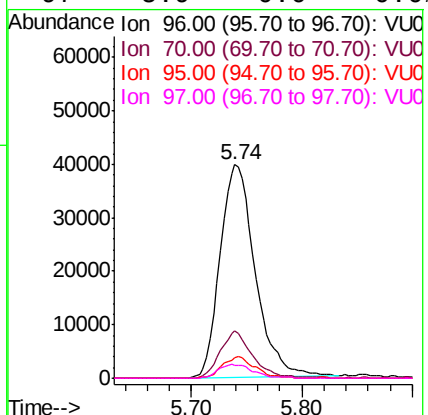
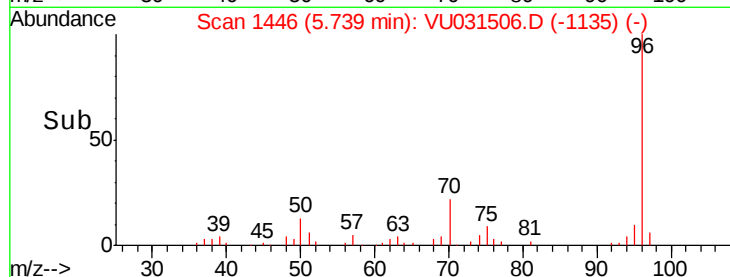
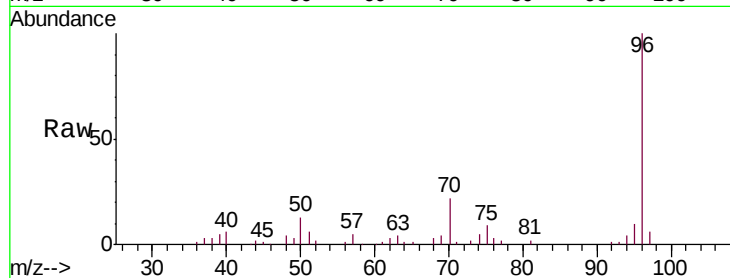
Ion Ratio Lower Upper

96 100

70 19.7 18.2 27.2

95 9.5 7.7 11.5

97 5.9 0.0 0.0#



#2

Dichlorodifluoromethane

Concen: 0.507 ug/l

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU031506.D

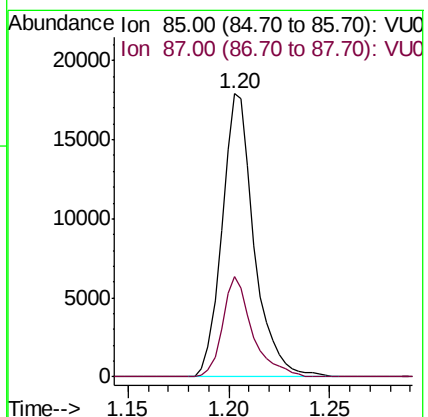
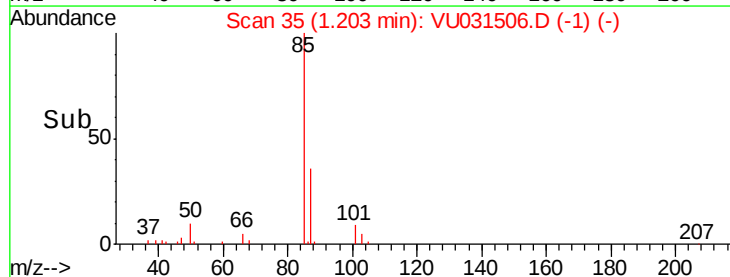
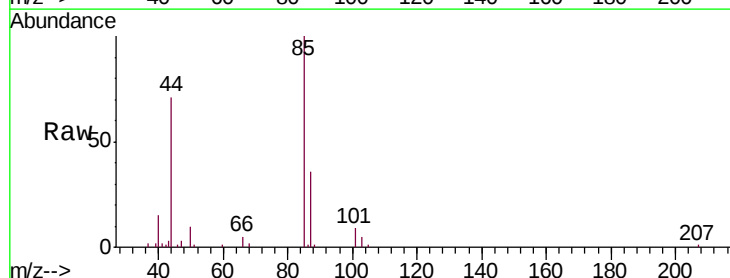
Acq: 25 Apr 2019 17:35

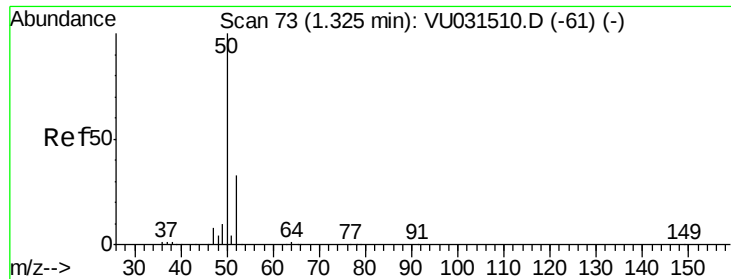
Tgt Ion: 85 Resp: 19822

Ion Ratio Lower Upper

85 100

87 35.6 16.1 48.2





#3

Chloromethane

Concen: 0.574 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

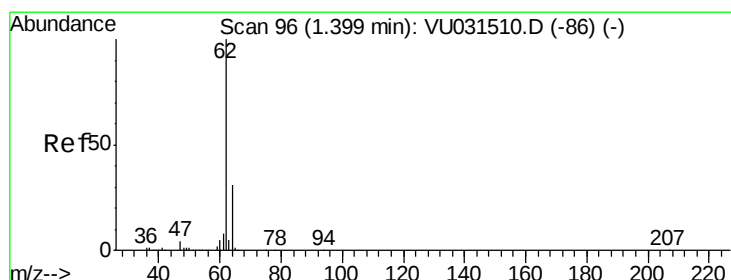
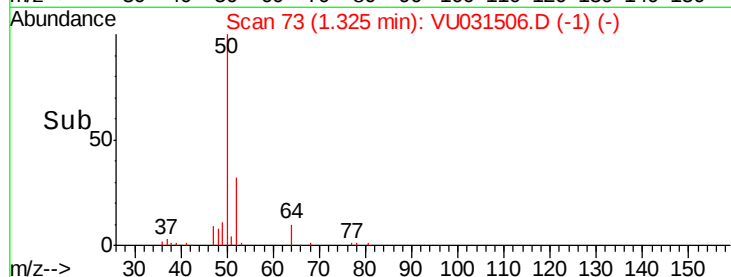
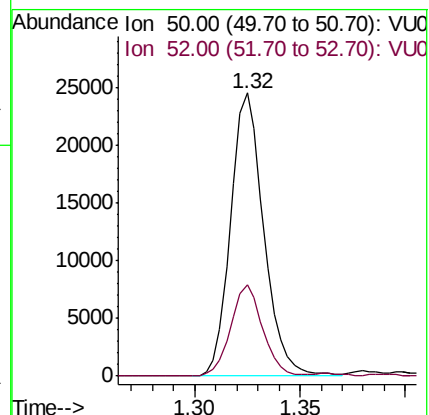
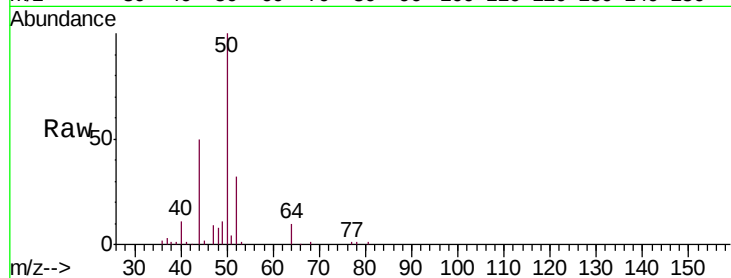
VSTDIC0.5

Tgt Ion: 50 Resp: 26755

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 0.543 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031506.D

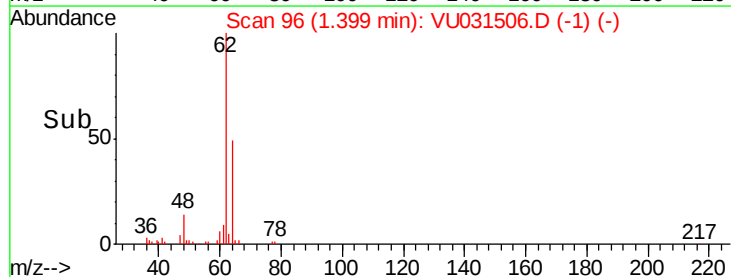
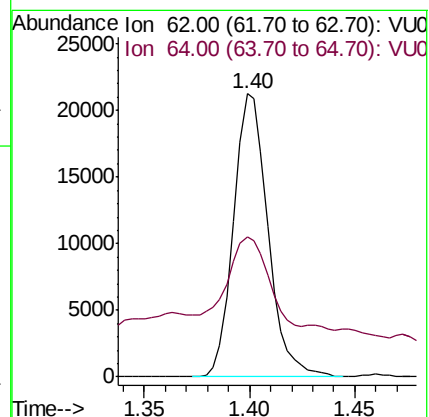
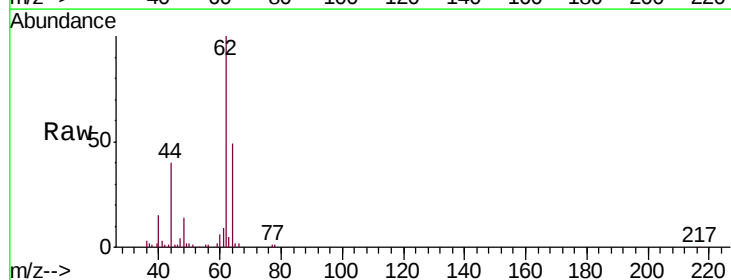
Acq: 25 Apr 2019 17:35

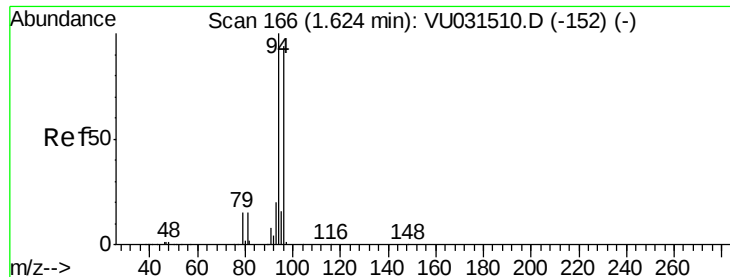
Tgt Ion: 62 Resp: 23980

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 0.597 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

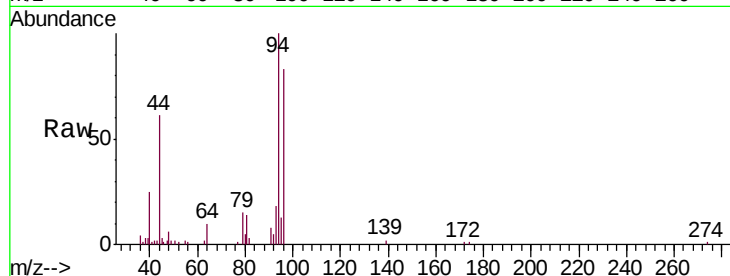
VSTDIC0.5

Tgt Ion: 94 Resp: 12979

Ion Ratio Lower Upper

94 100

96 82.5 75.5 113.3

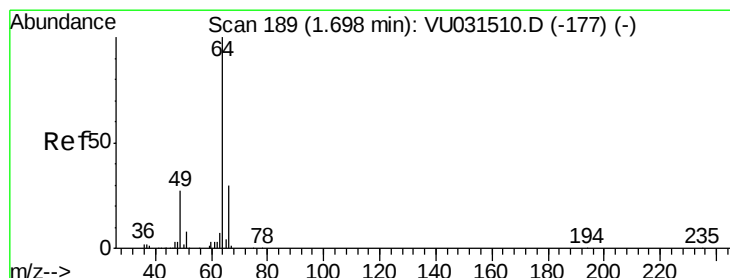
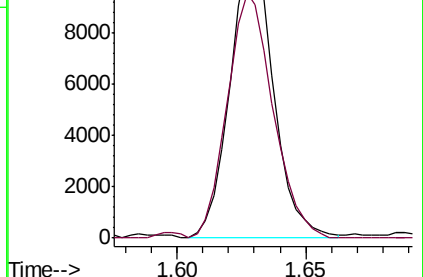
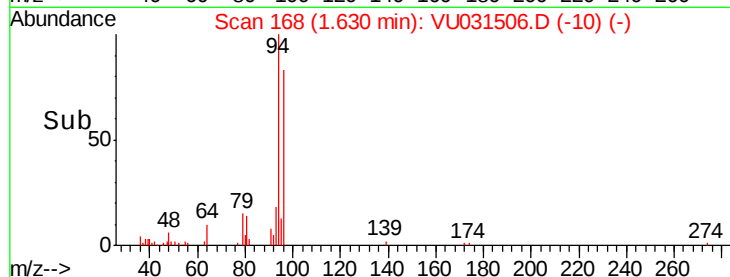


Abundance Ion 94.00 (93.70 to 94.70): VU031510.D (-152) (-)

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

1.63

Time-->



#6

Chloroethane

Concen: 0.537 ug/l

RT: 1.70 min Scan# 189

Delta R.T. 0.00 min

Lab File: VU031506.D

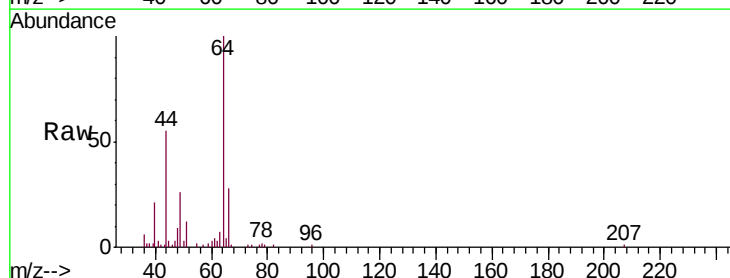
Acq: 25 Apr 2019 17:35

Tgt Ion: 64 Resp: 13418

Ion Ratio Lower Upper

64 100

66 30.5 24.3 36.5

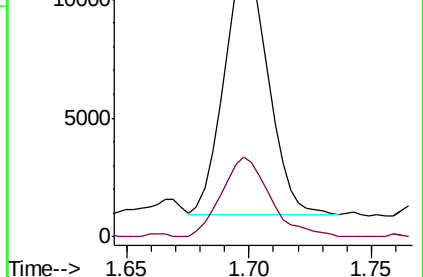
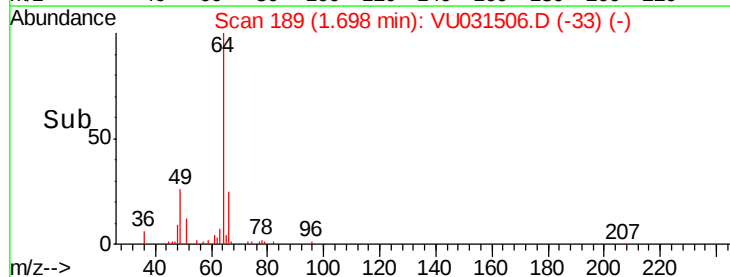


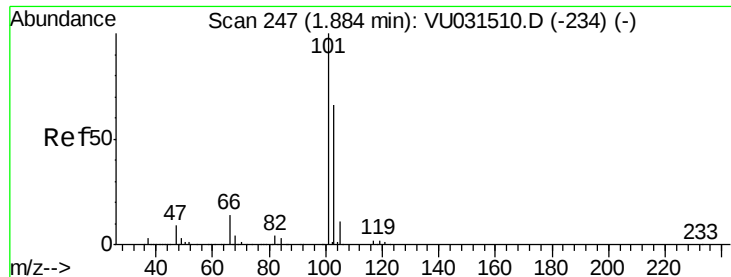
Abundance Ion 64.00 (63.70 to 64.70): VU031510.D (-177) (-)

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

1.70

Time-->



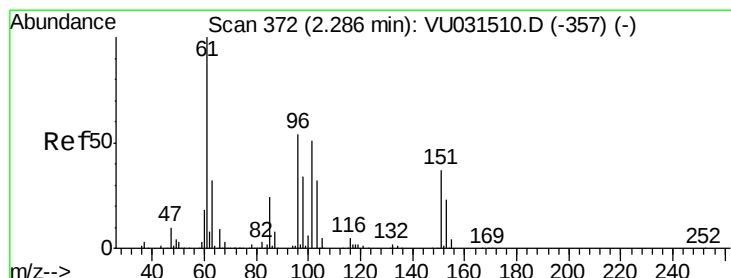
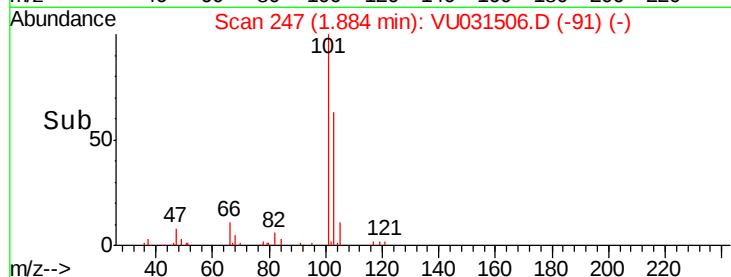
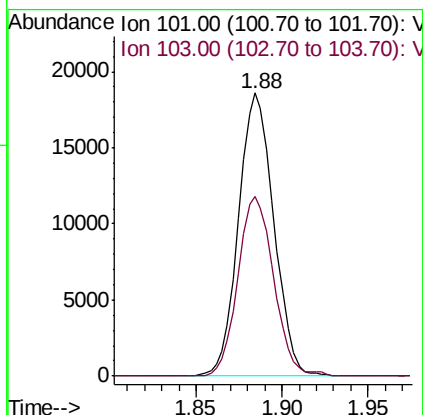
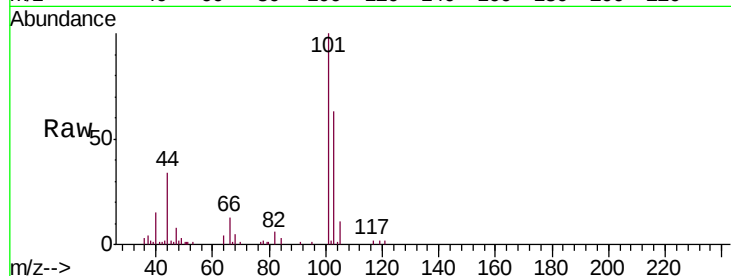


#7

Trichlorofluoromethane
 Concen: 0.526 ug/l
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Instrument :
 MSVOA_U
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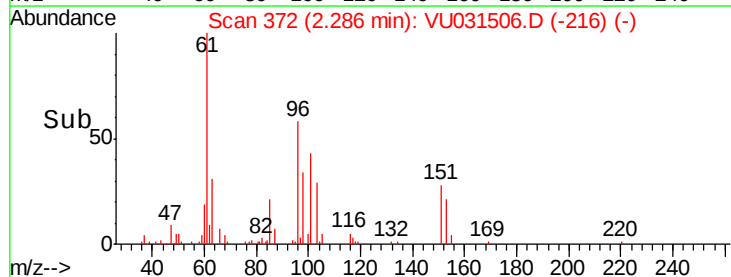
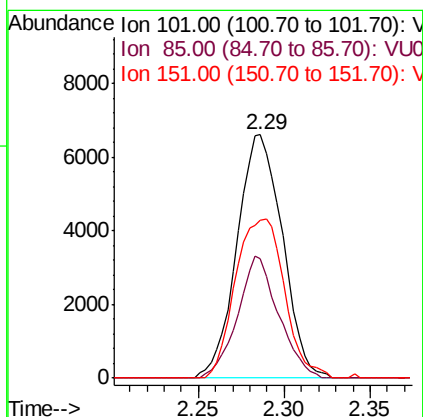
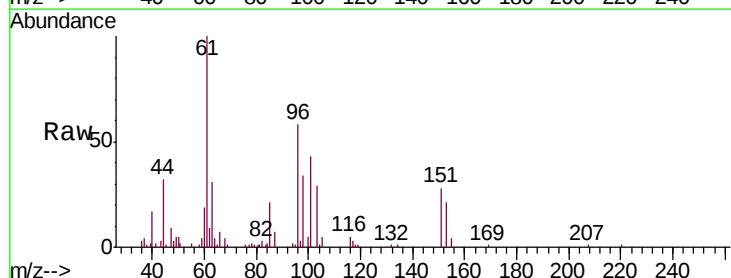
Tgt Ion:101 Resp: 26468
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.8 79.2

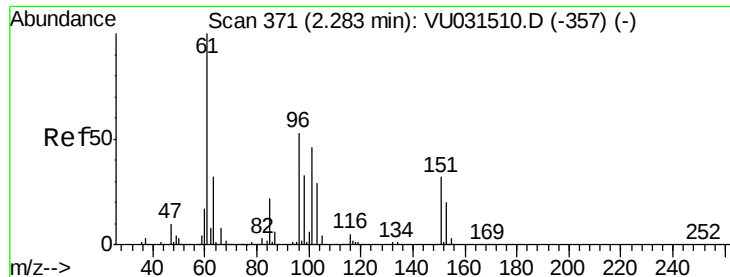


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.478 ug/l
 RT: 2.29 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion:101 Resp: 12161
 Ion Ratio Lower Upper
 101 100
 85 45.0 37.8 56.6
 151 70.7 57.4 86.0





#9

1,1-Dichloroethene

Concen: 0.522 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

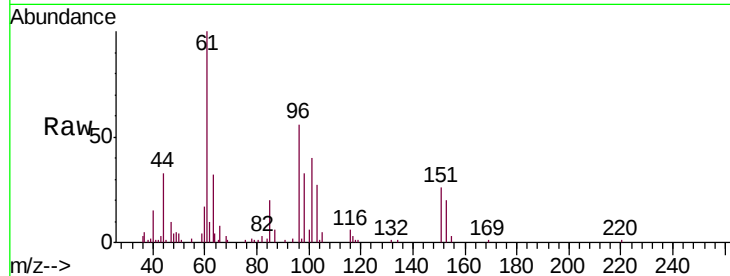
Tgt Ion: 96 Resp: 13188

Ion Ratio Lower Upper

96 100

61 179.9 0.0 566.7

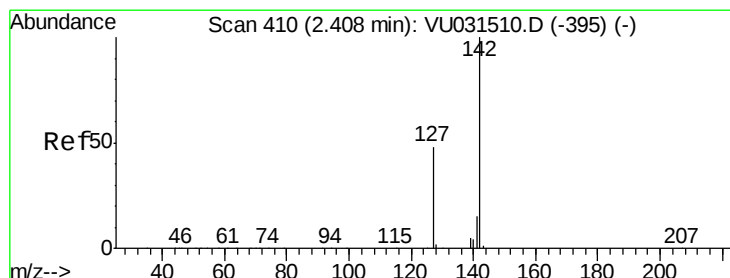
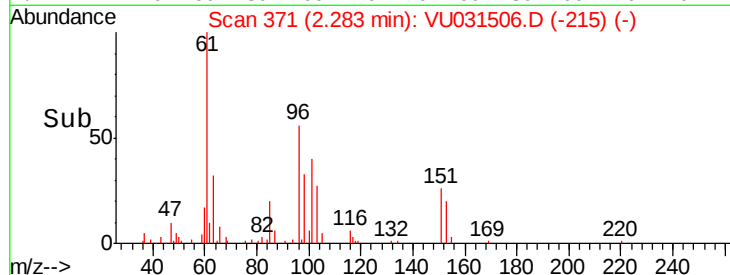
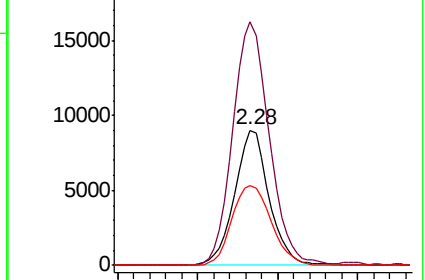
98 59.3 0.0 126.4



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: 0.470 ug/l

RT: 2.41 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU031506.D

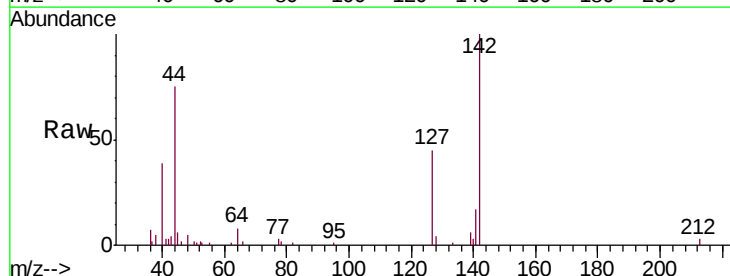
Acq: 25 Apr 2019 17:35

Tgt Ion: 142 Resp: 12862

Ion Ratio Lower Upper

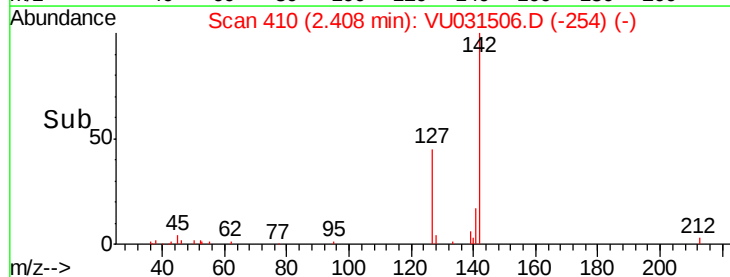
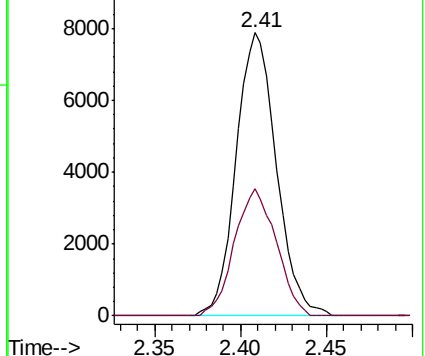
142 100

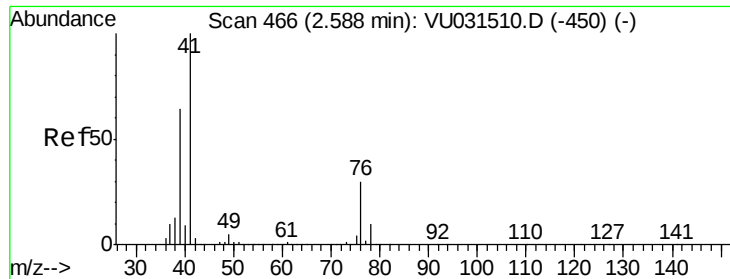
127 46.5 38.2 57.2



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

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

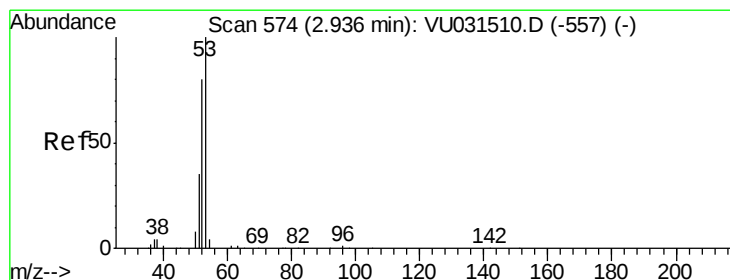
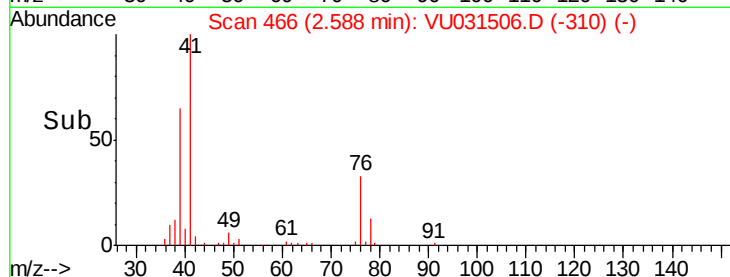
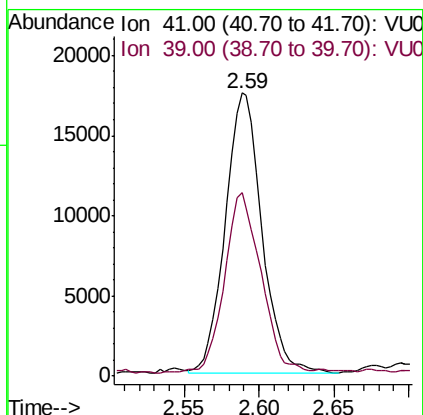
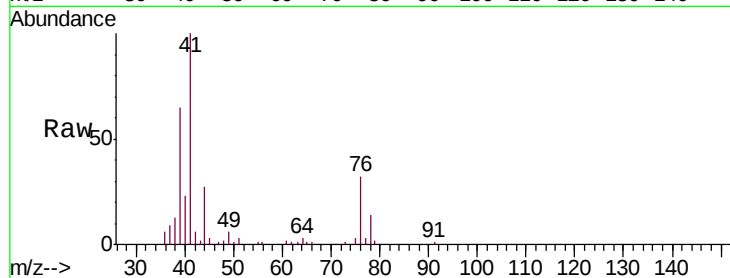




#11
 Allyl Chloride
 Concen: 0.545 ug/l
 RT: 2.59 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

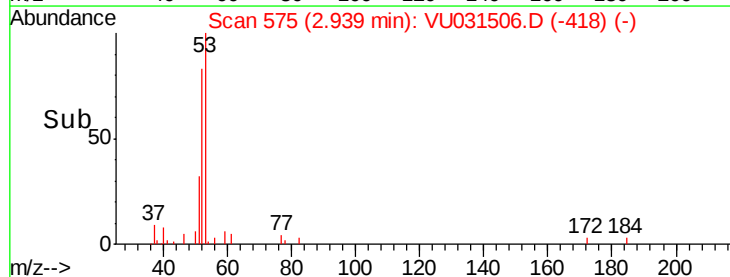
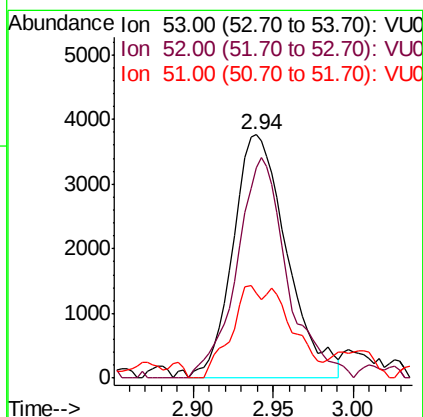
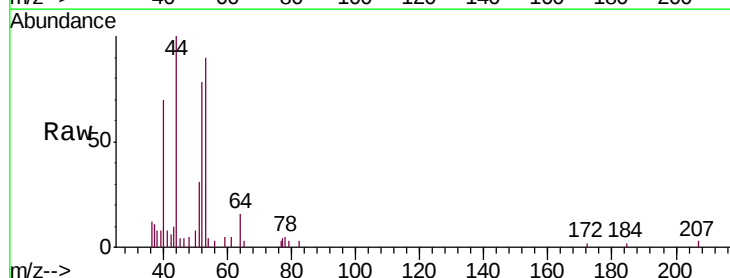
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

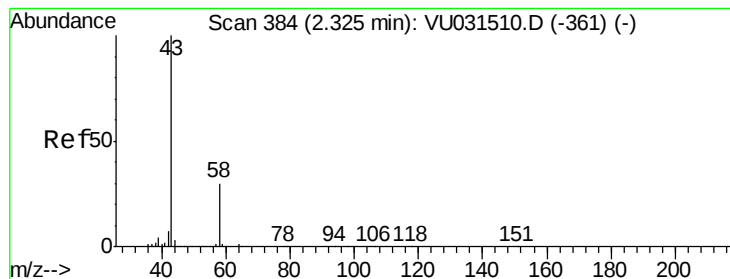
Tgt Ion: 41 Resp: 29657
 Ion Ratio Lower Upper
 41 100
 39 64.2 51.4 77.0



#12
 Acrylonitrile
 Concen: 1.152 ug/l
 RT: 2.94 min Scan# 575
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 53 Resp: 8703
 Ion Ratio Lower Upper
 53 100
 52 84.6 69.4 104.0
 51 20.8 27.5 41.3#





#13

Acetone

Concen: 3.037 ug/l

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

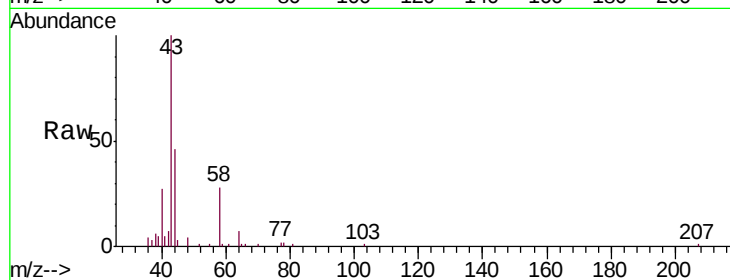
VSTDIC0.5

Tgt Ion: 43 Resp: 21236

Ion Ratio Lower Upper

43 100

58 27.3 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VU031510.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU031510.D (-361) (-)

2.33

12000

10000

8000

6000

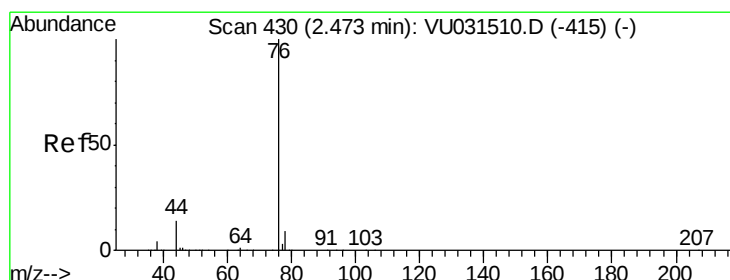
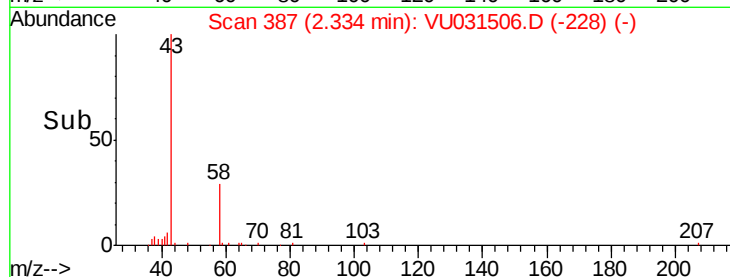
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#14

Carbon Disulfide

Concen: 0.536 ug/l

RT: 2.48 min Scan# 431

Delta R.T. 0.00 min

Lab File: VU031506.D

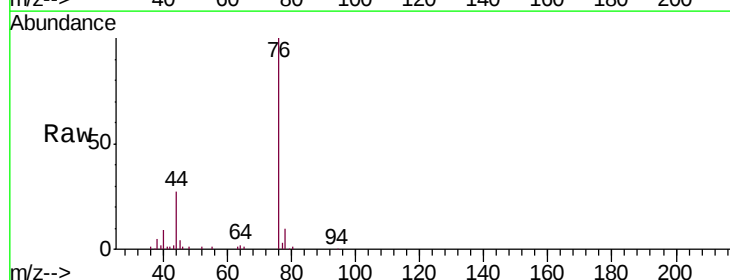
Acq: 25 Apr 2019 17:35

Tgt Ion: 76 Resp: 51471

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU031510.D (-415) (-)

Ion 78.00 (77.70 to 78.70): VU031510.D (-415) (-)

2.48

30000

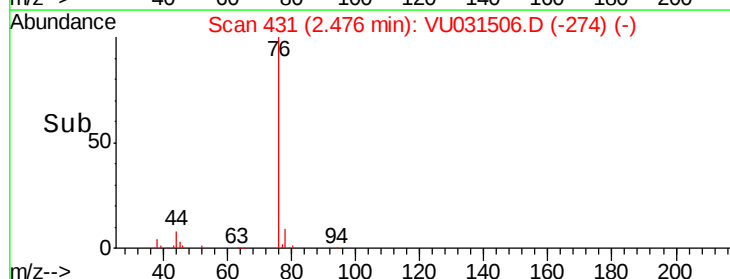
20000

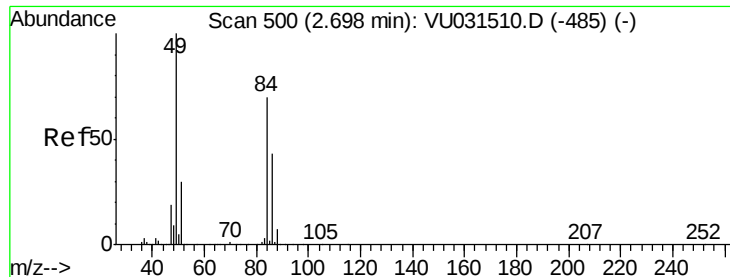
10000

0

Time-->

2.40 2.45 2.50 2.55

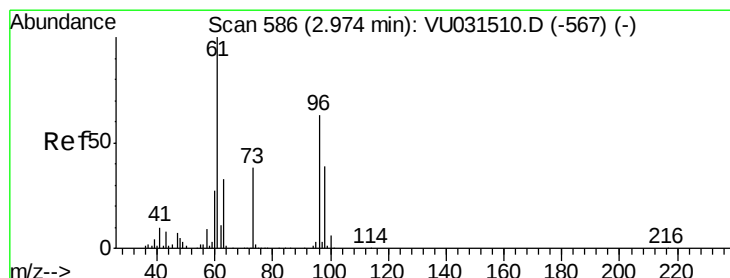
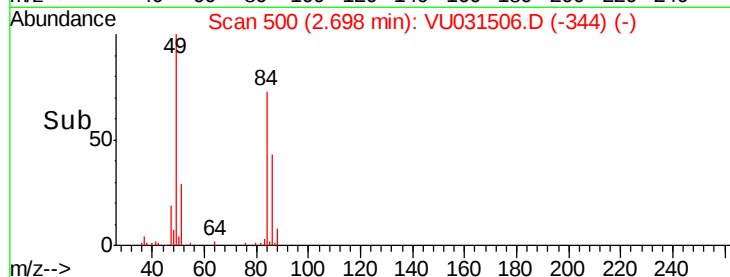
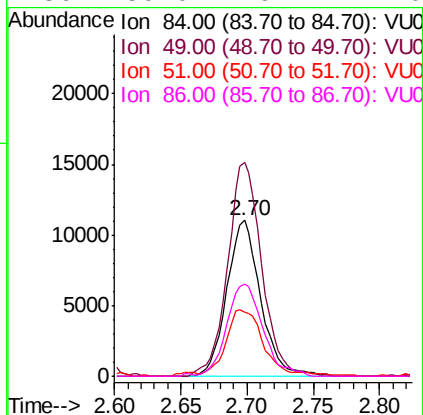
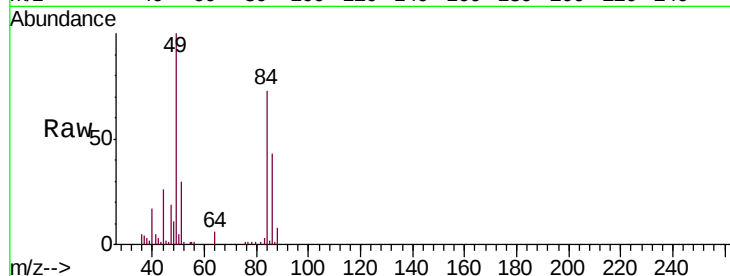




#15
Methylene Chloride
Concen: 0.608 ug/l
RT: 2.70 min Scan# 500
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

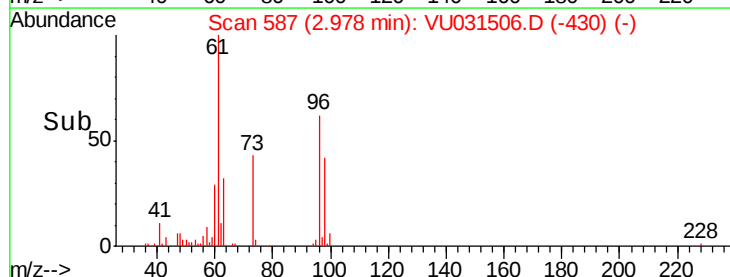
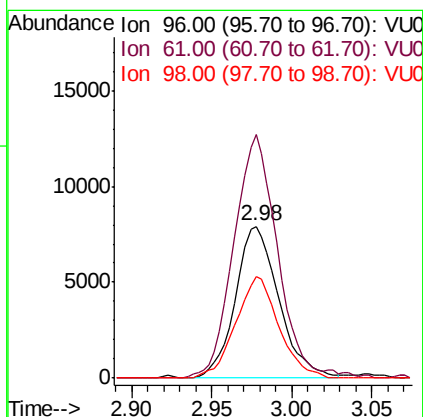
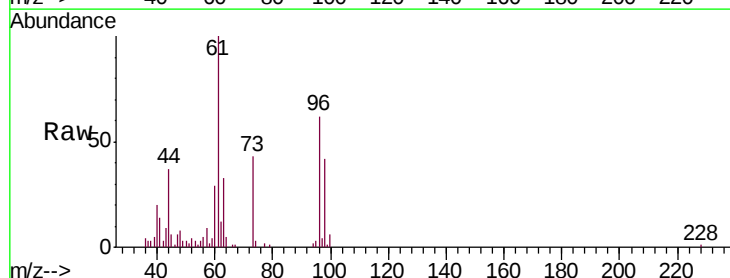
Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

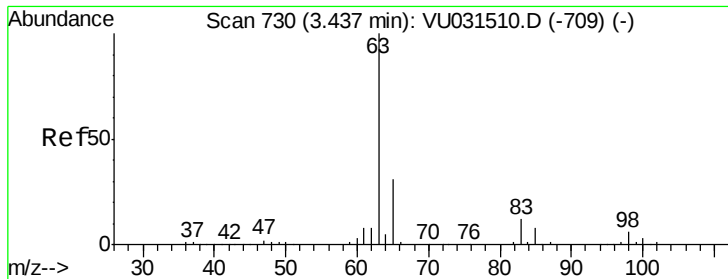
Tgt Ion:	84	Resp:	19517
Ion	Ratio	Lower	Upper
84	100		
49	137.2	113.6	170.4
51	40.1	0.0	85.6
86	59.0	49.4	74.0



#16
trans-1,2-Dichloroethene
Concen: 0.518 ug/l
RT: 2.98 min Scan# 587
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion:	96	Resp:	14697
Ion	Ratio	Lower	Upper
96	100		
61	159.3	127.2	190.8
98	67.2	49.4	74.0

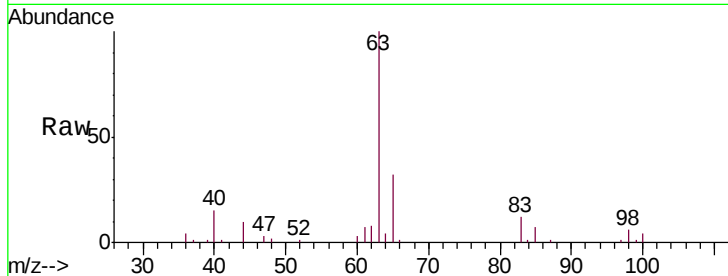




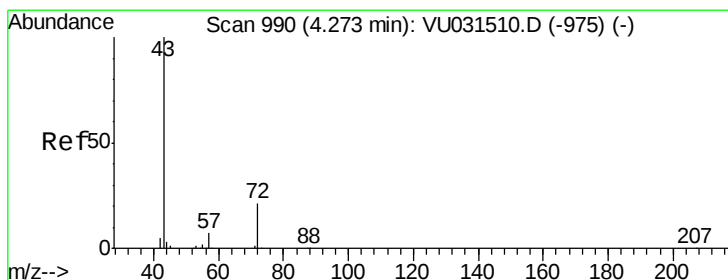
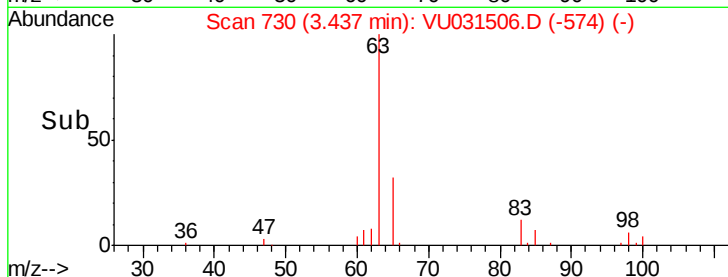
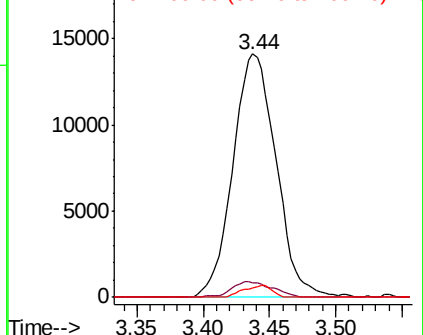
#17
 1,1-Dichloroethane
 Concen: 0.552 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 63 Resp: 31866
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 3.6 1.7 5.1

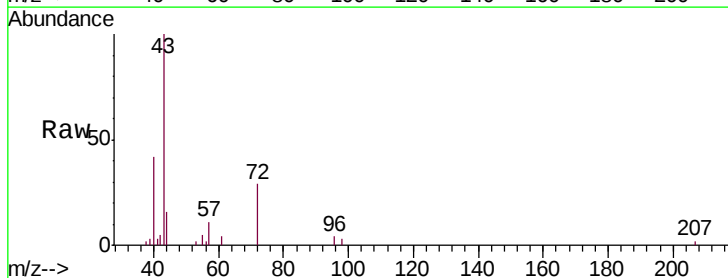


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

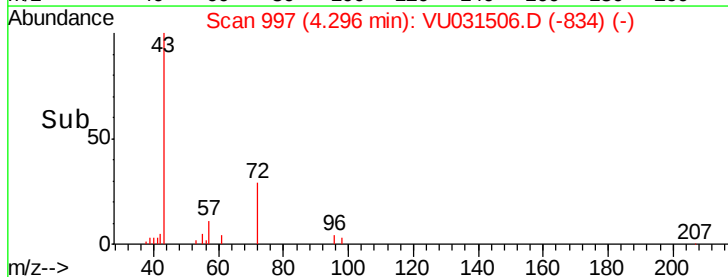
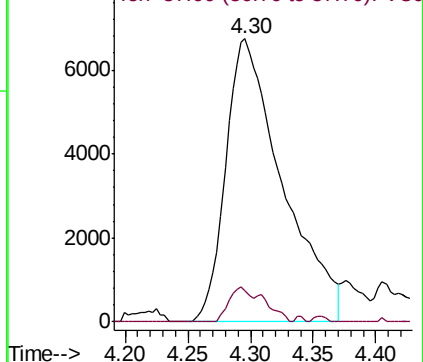


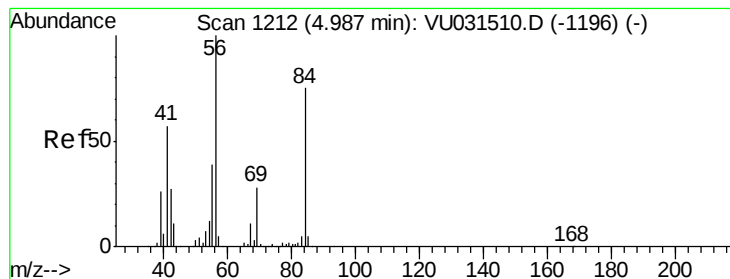
#18
 2-Butanone
 Concen: 2.352 ug/l
 RT: 4.30 min Scan# 997
 Delta R.T. 0.02 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 43 Resp: 21195
 Ion Ratio Lower Upper
 43 100
 57 11.0 0.0 14.2



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





#19

Cyclohexane

Concen: 0.417 ug/l

RT: 4.98 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

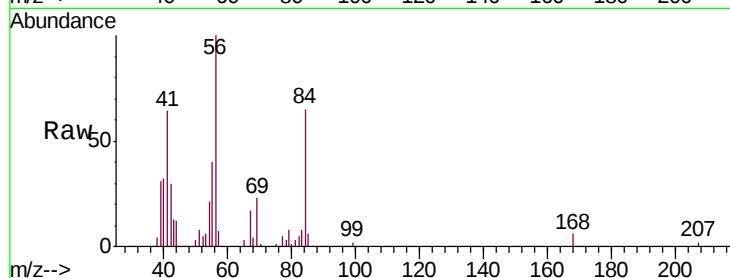
Tgt Ion: 56 Resp: 18578

Ion Ratio Lower Upper

56 100

69 18.5 22.4 33.6#

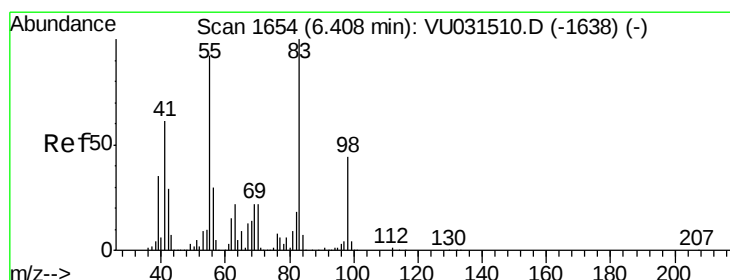
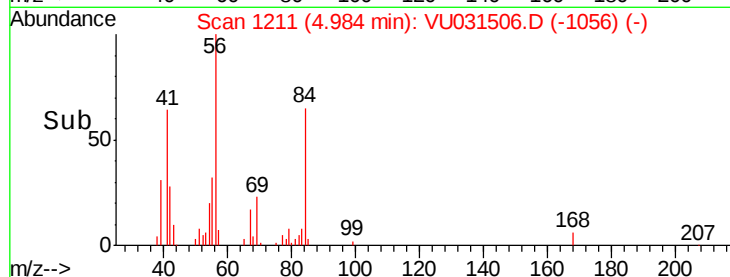
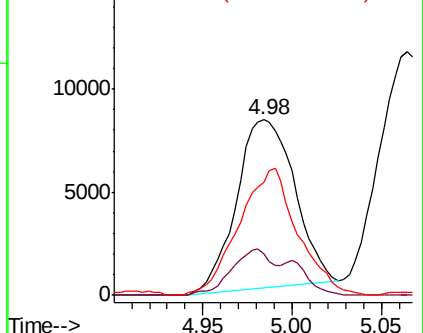
84 76.4 59.0 88.4



Abundance Ion 56.00 (55.70 to 56.70): VU031510.D (-1196) (-)

Ion 69.00 (68.70 to 69.70): VU031510.D (-1196) (-)

Ion 84.00 (83.70 to 84.70): VU031510.D (-1196) (-)



#20

Methylcyclohexane

Concen: 0.414 ug/l

RT: 6.41 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

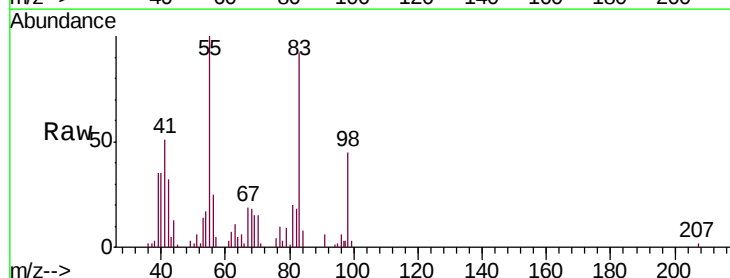
Tgt Ion: 83 Resp: 14827

Ion Ratio Lower Upper

83 100

55 96.1 73.7 110.5

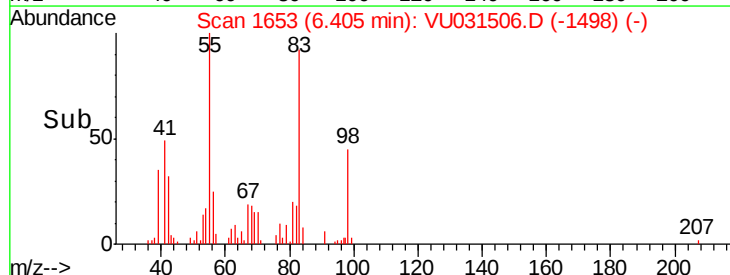
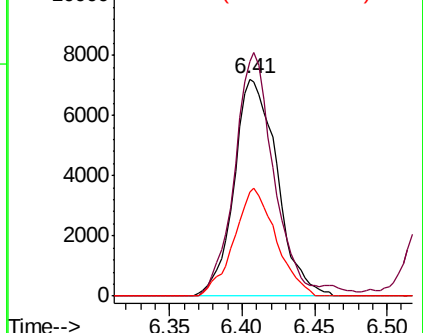
98 48.6 35.2 52.8

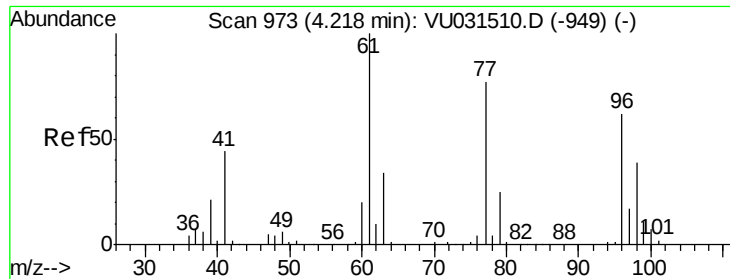


Abundance Ion 83.00 (82.70 to 83.70): VU031510.D (-1638) (-)

Ion 55.00 (54.70 to 55.70): VU031510.D (-1638) (-)

Ion 98.00 (97.70 to 98.70): VU031510.D (-1638) (-)

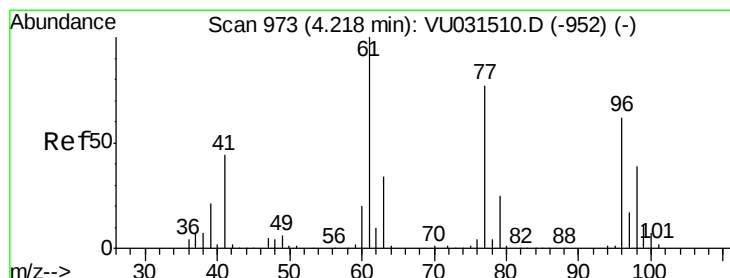
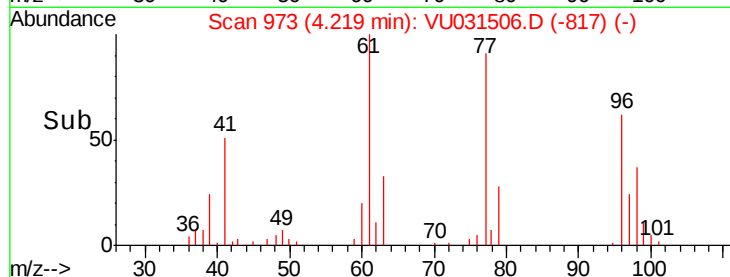
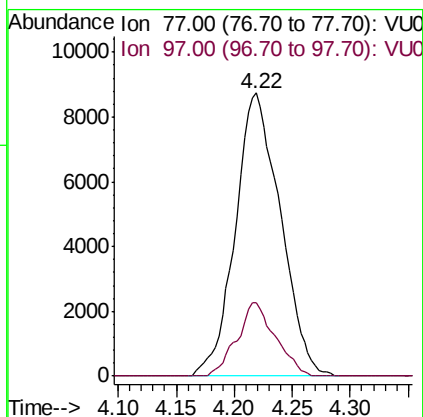
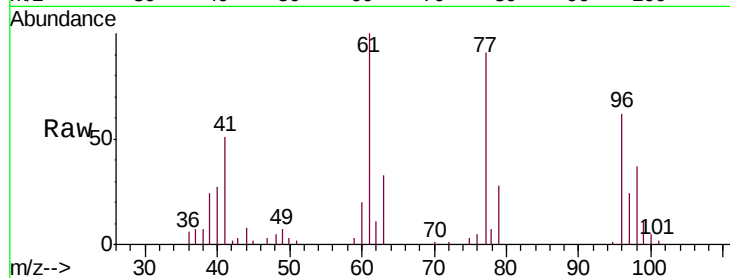




#21
 2,2-Dichloropropane
 Concen: 0.562 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

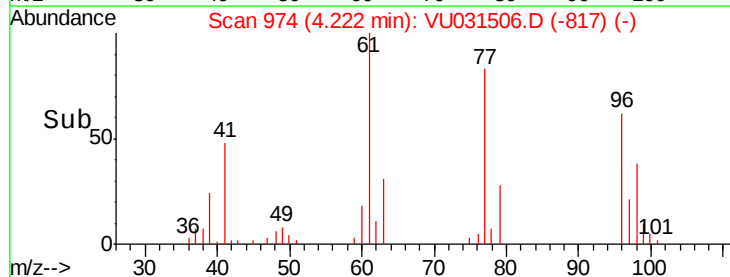
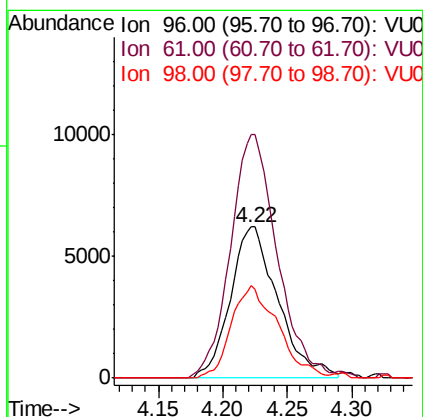
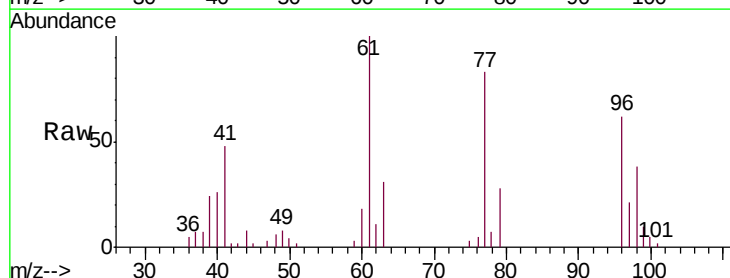
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

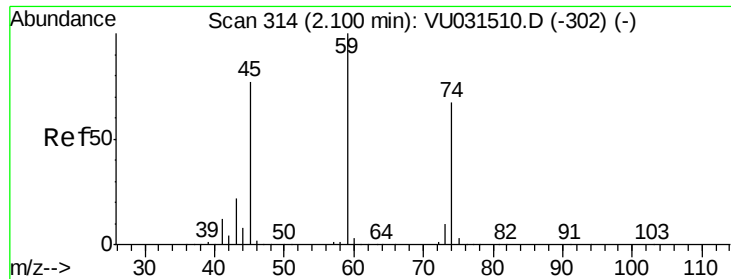
Tgt Ion: 77 Resp: 23618
 Ion Ratio Lower Upper
 77 100
 97 22.1 17.5 26.3



#22
 cis-1,2-Dichloroethene
 Concen: 0.539 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 96 Resp: 15930
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 408.8
 98 59.7 31.1 93.3

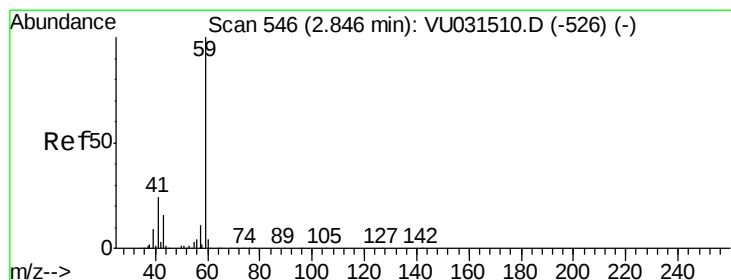
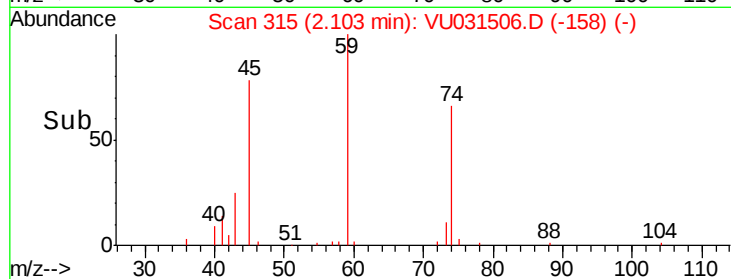
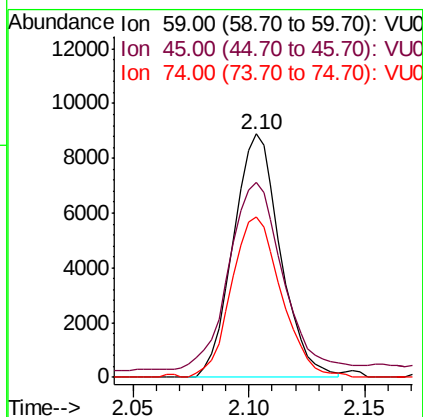
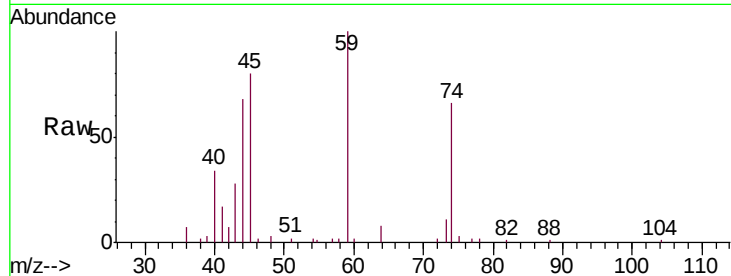




#23
Diethyl Ether
Concen: 0.520 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

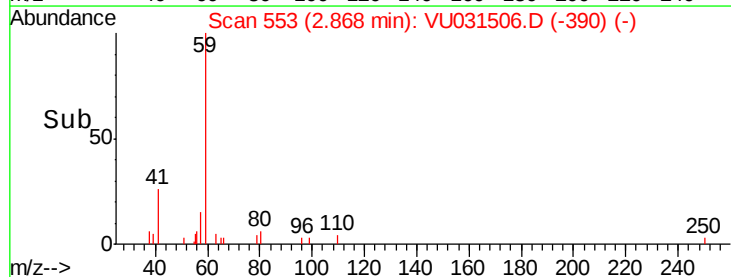
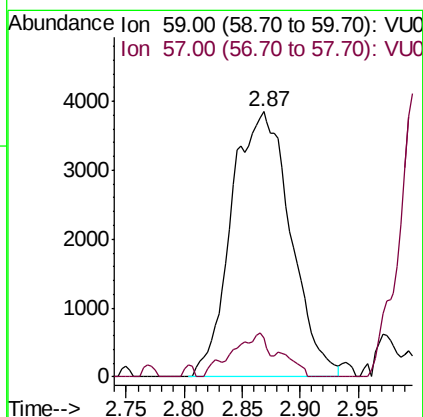
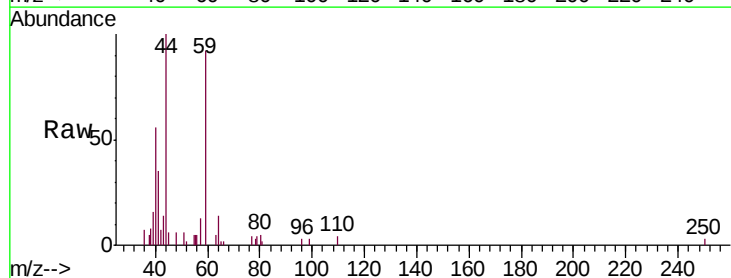
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

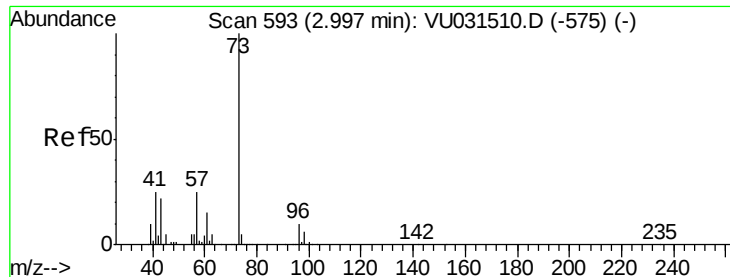
Tgt Ion: 59 Resp: 12498
Ion Ratio Lower Upper
59 100
45 87.0 64.5 96.7
74 70.0 54.6 81.8



#24
tert-Butyl Alcohol
Concen: 5.476 ug/l
RT: 2.87 min Scan# 553
Delta R.T. 0.02 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 59 Resp: 13617
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



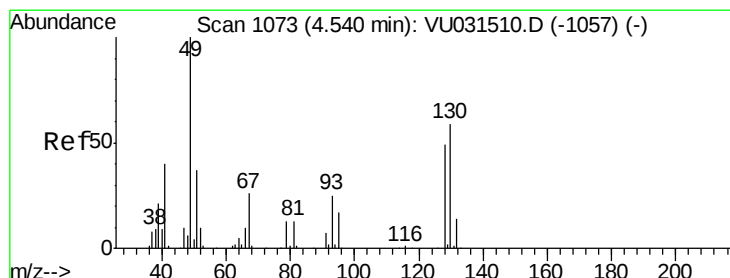
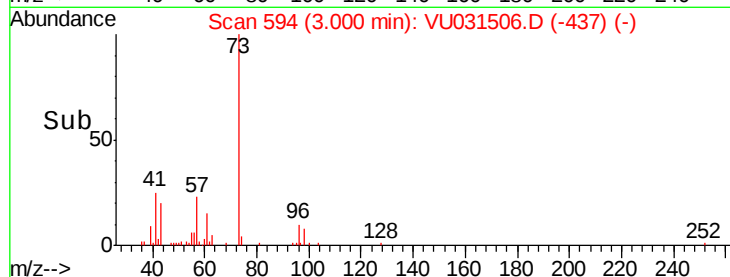
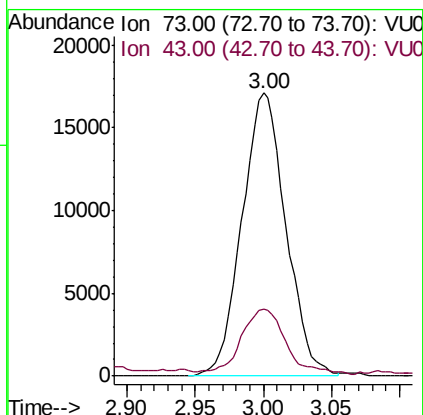
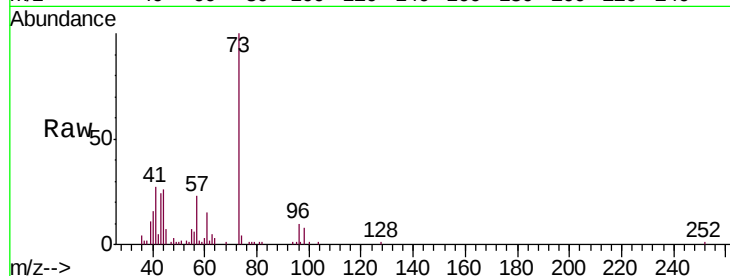


#25

Methyl tert-Butyl Ether
Concen: 0.529 ug/l
RT: 3.00 min Scan# 594
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

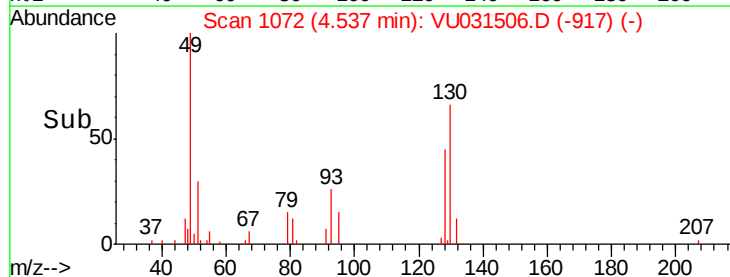
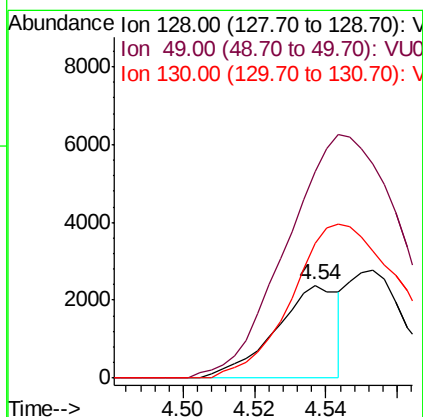
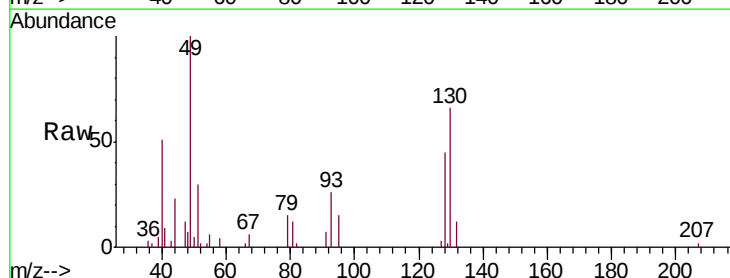
Tgt Ion: 73 Resp: 38329
Ion Ratio Lower Upper
73 100
43 23.4 16.9 25.3

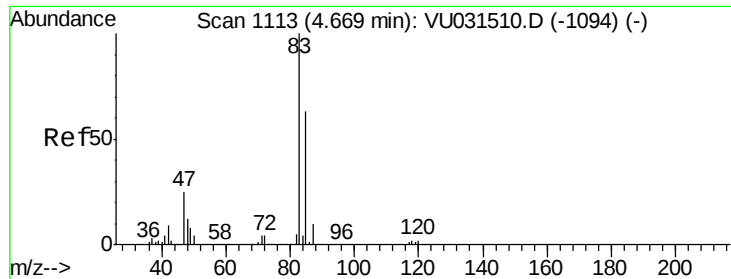


#26

Bromochloromethane
Concen: 0.231 ug/l
RT: 4.54 min Scan# 1072
Delta R.T. -0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 128 Resp: 2916
Ion Ratio Lower Upper
128 100
49 498.7 0.0 407.2#
130 304.4 101.4 152.2#

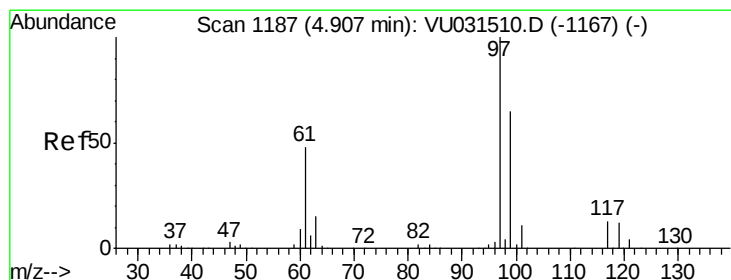
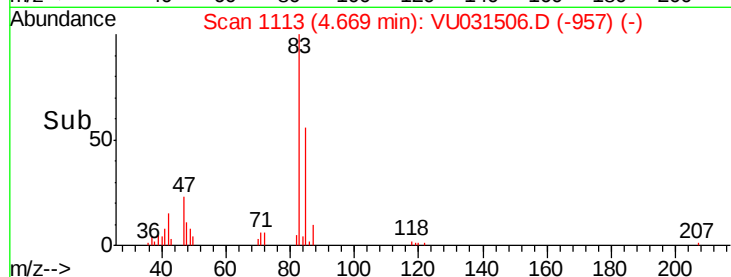
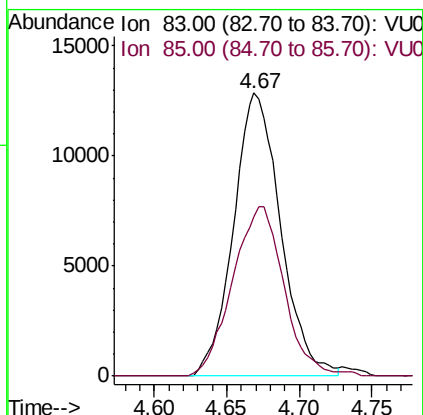
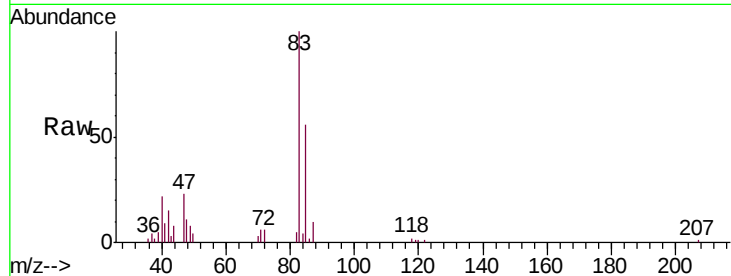




#27
Chloroform
Concen: 0.535 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

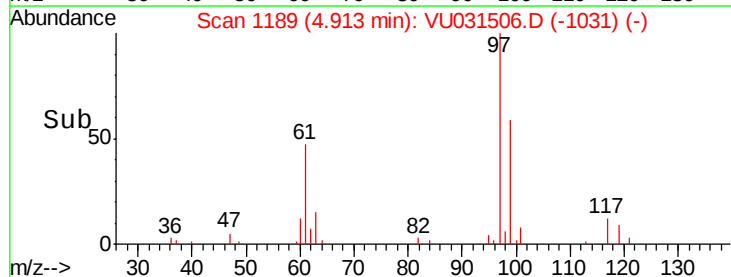
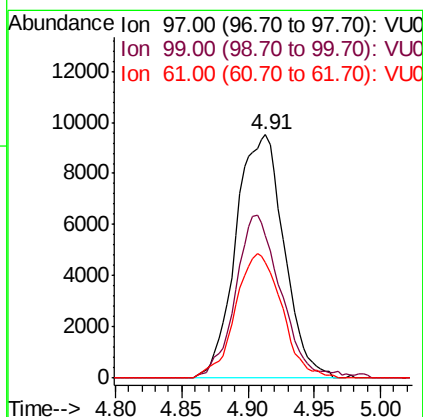
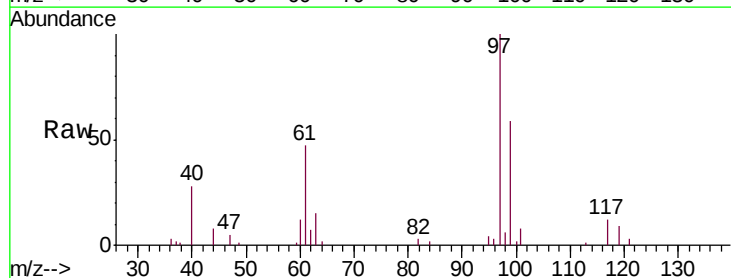
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

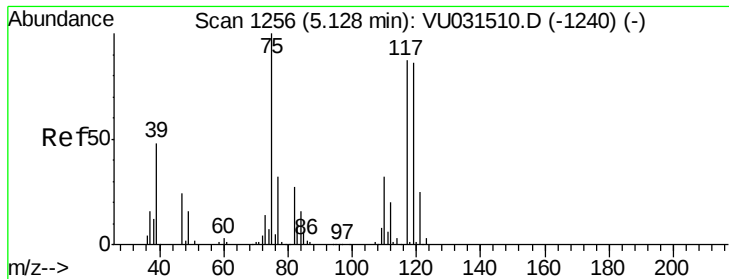
Tgt Ion: 83 Resp: 29092
Ion Ratio Lower Upper
83 100
85 56.2 0.0 126.2



#28
1,1,1-Trichloroethane
Concen: 0.534 ug/l
RT: 4.91 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 97 Resp: 24015
Ion Ratio Lower Upper
97 100
99 63.1 32.0 96.2
61 49.5 24.0 72.0





#29

1,1-Dichloropropene

Concen: 0.452 ug/l

RT: 5.13 min Scan# 1258

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

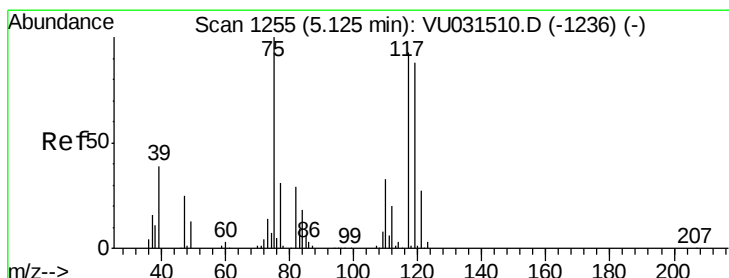
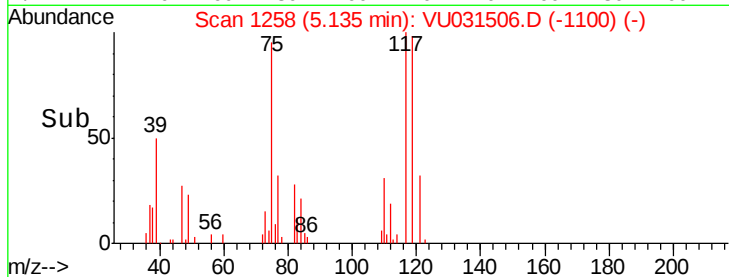
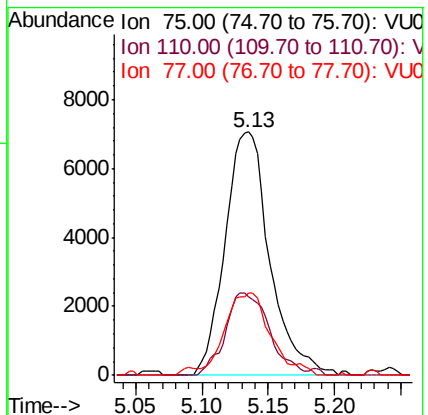
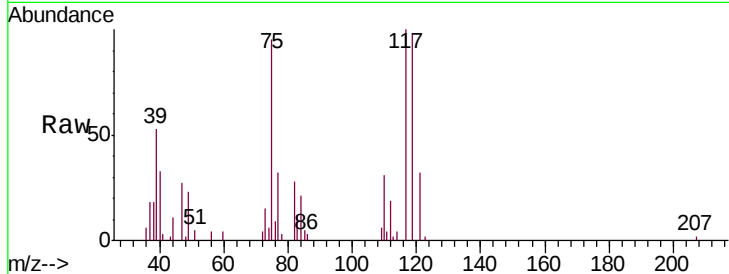
Tgt Ion: 75 Resp: 16539

Ion Ratio Lower Upper

75 100

110 33.2 16.4 49.1

77 34.5 25.0 37.6



#30

Carbon Tetrachloride

Concen: 0.511 ug/l

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

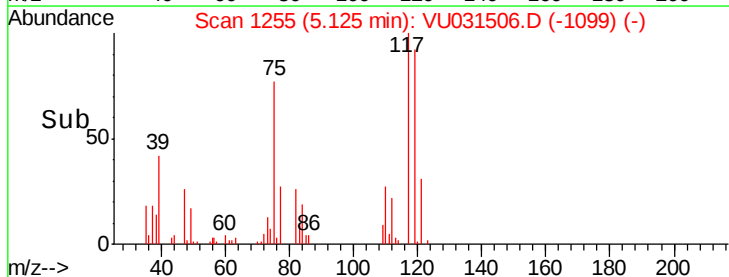
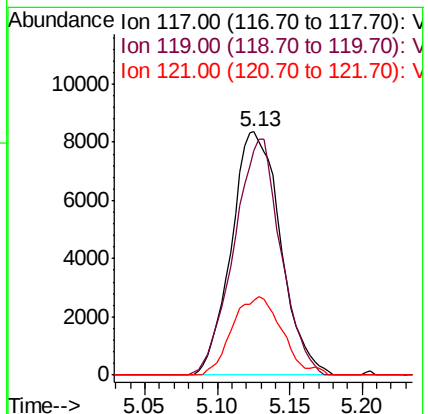
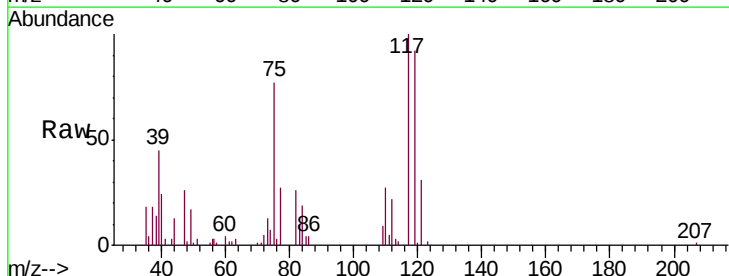
Tgt Ion: 117 Resp: 19717

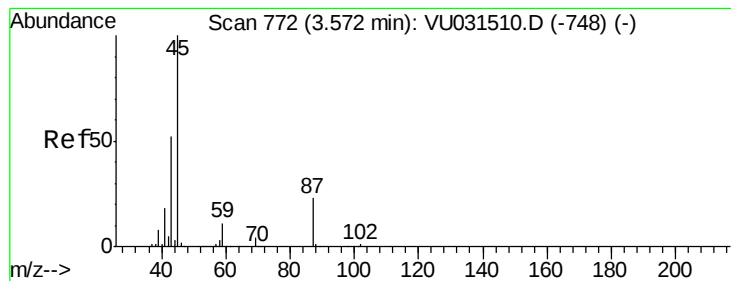
Ion Ratio Lower Upper

117 100

119 92.0 76.1 114.1

121 30.8 23.3 34.9





#31

Isopropyl Ether

Concen: 0.510 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

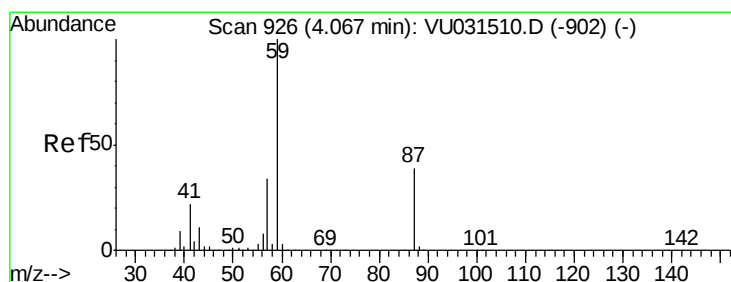
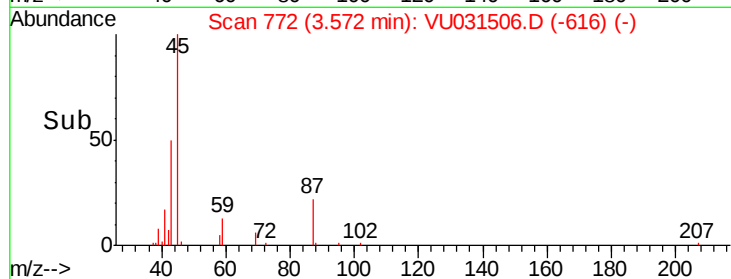
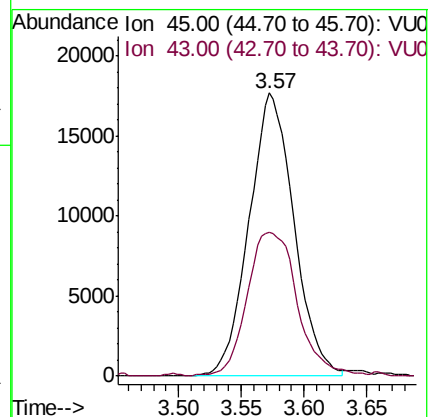
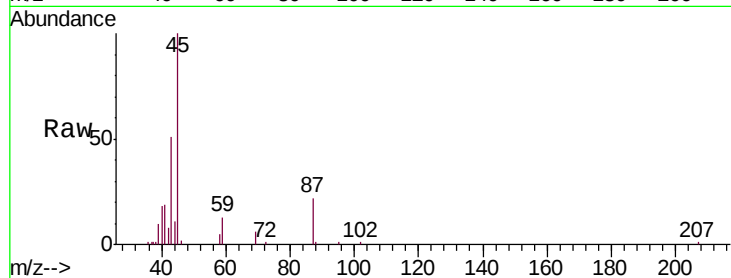
VSTDIC0.5

Tgt Ion: 45 Resp: 44048

Ion Ratio Lower Upper

45 100

43 56.7 26.0 78.0



#32

Ethyl-t-butyl ether

Concen: 0.481 ug/l

RT: 4.07 min Scan# 927

Delta R.T. 0.00 min

Lab File: VU031506.D

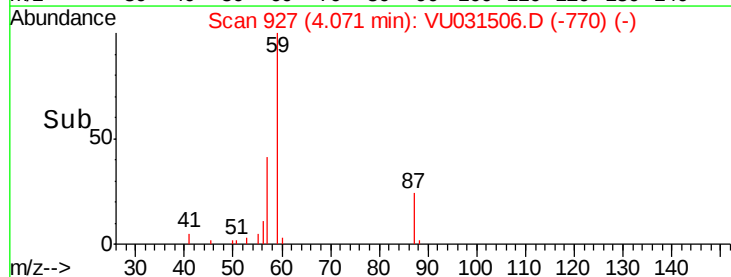
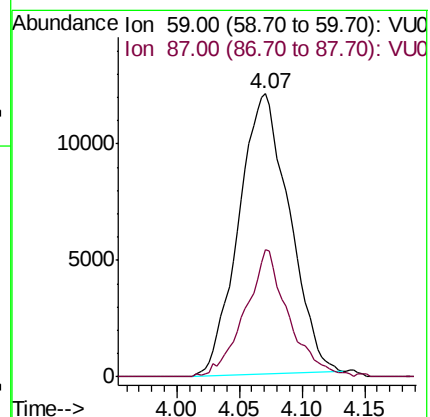
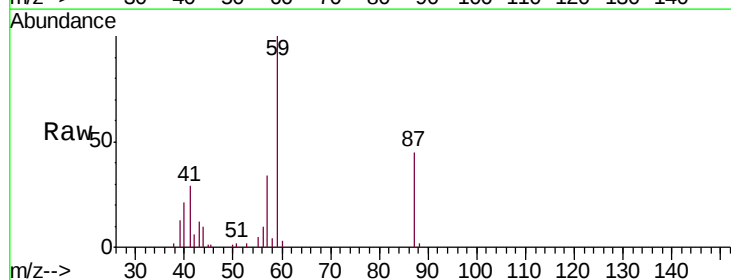
Acq: 25 Apr 2019 17:35

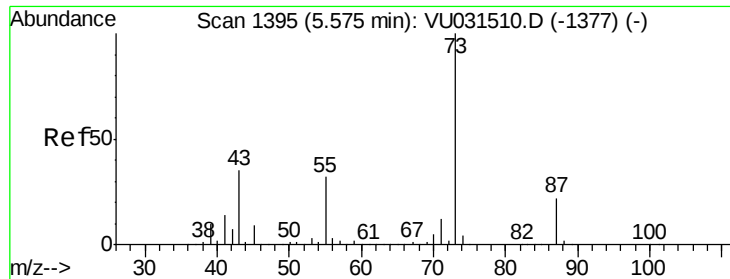
Tgt Ion: 59 Resp: 33983

Ion Ratio Lower Upper

59 100

87 38.8 29.9 44.9

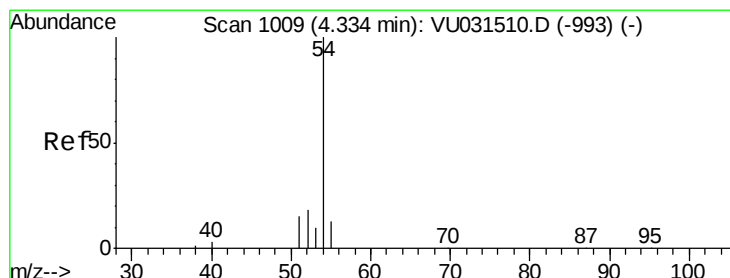
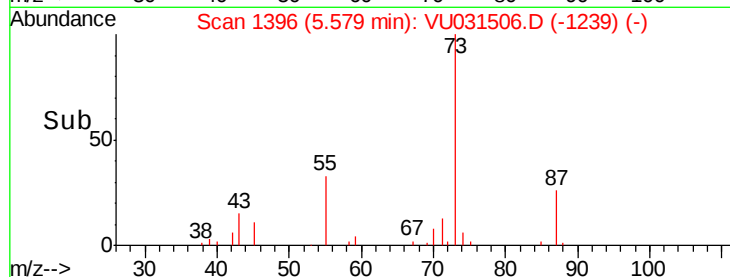
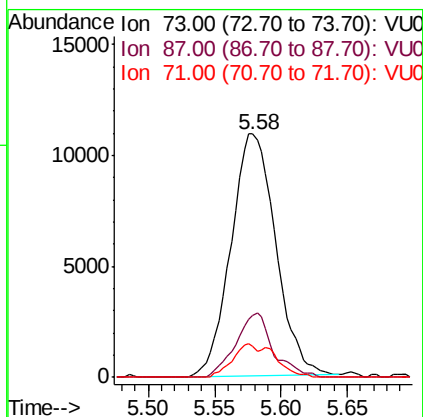
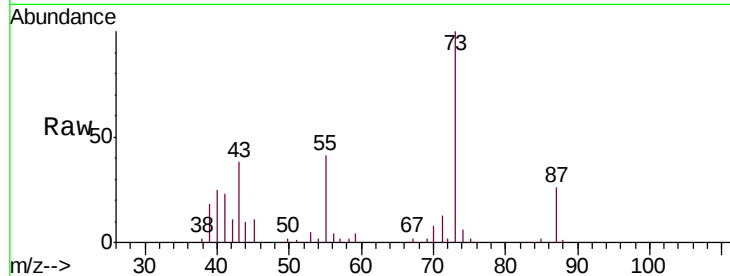




#33
 Tert-Amyl methyl ether
 Concen: 0.457 ug/l
 RT: 5.58 min Scan# 1396
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

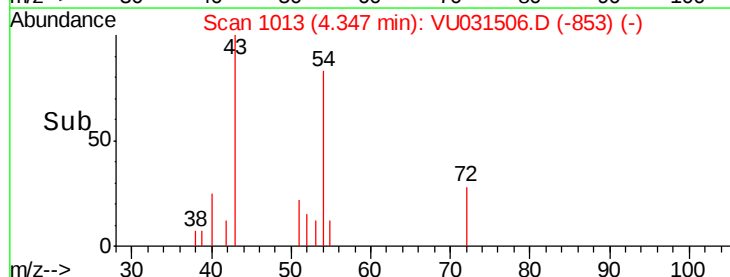
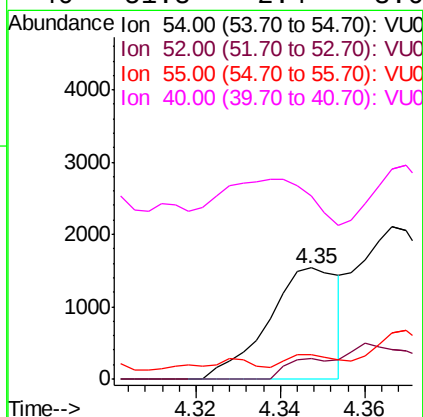
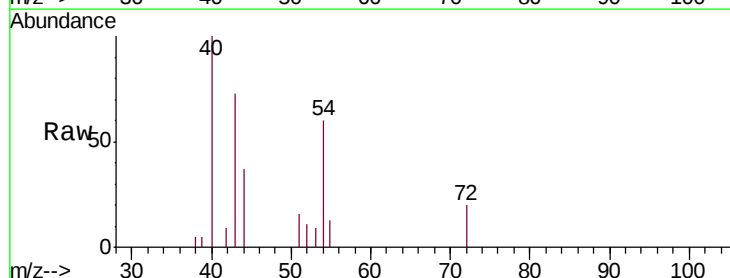
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

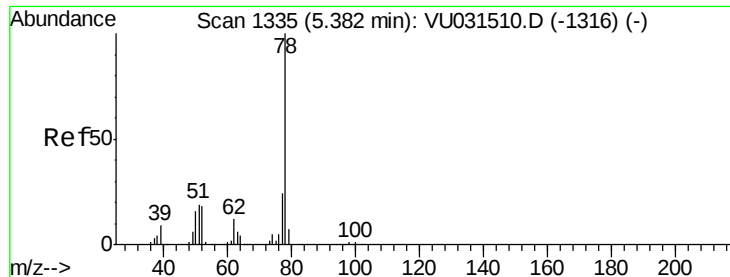
Tgt Ion: 73 Resp: 25689
 Ion Ratio Lower Upper
 73 100
 87 22.1 18.2 27.2
 71 7.4 9.0 13.6#



#34
 Propionitrile
 Concen: 0.778 ug/l
 RT: 4.35 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 54 Resp: 1785
 Ion Ratio Lower Upper
 54 100
 52 0.0 15.0 22.4#
 55 9.0 13.5 20.3#
 40 51.8 2.4 3.6#





#35

Benzene

Concen: 0.486 ug/l

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

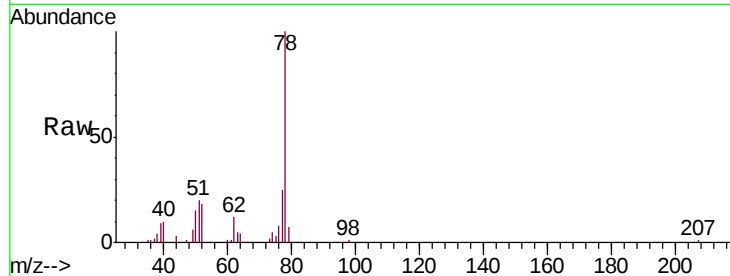
VSTDIC0.5

Tgt Ion: 78 Resp: 54727

Ion Ratio Lower Upper

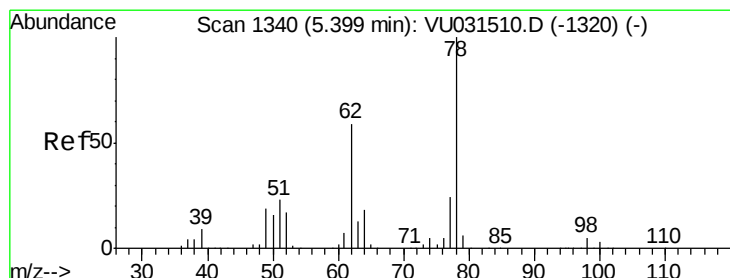
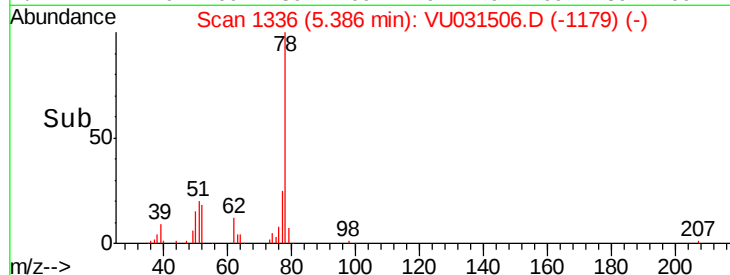
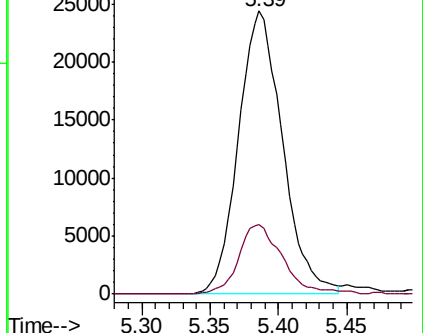
78 100

77 24.6 19.2 28.8



Abundance Ion 78.10 (77.80 to 78.80): VU031510.D (-1316) (-)

Ion 77.00 (76.70 to 77.70): VU031510.D (-1316) (-)



#36

1,2-Dichloroethane

Concen: 0.546 ug/l

RT: 5.41 min Scan# 1343

Delta R.T. 0.01 min

Lab File: VU031506.D

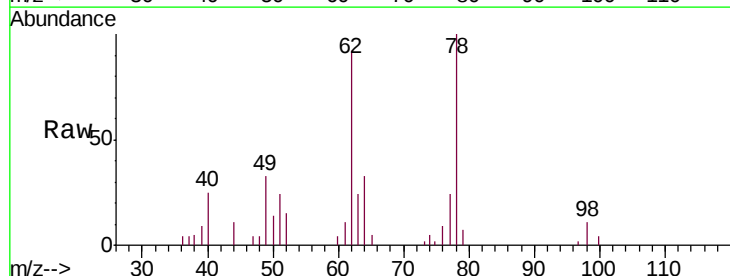
Acq: 25 Apr 2019 17:35

Tgt Ion: 62 Resp: 19630

Ion Ratio Lower Upper

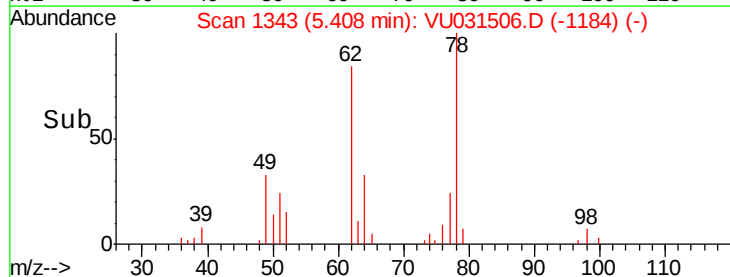
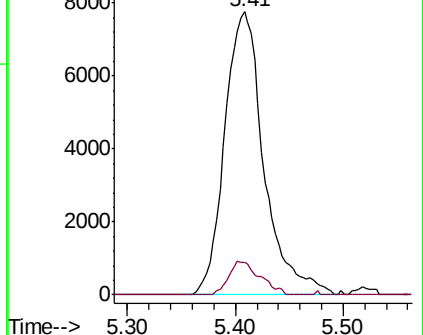
62 100

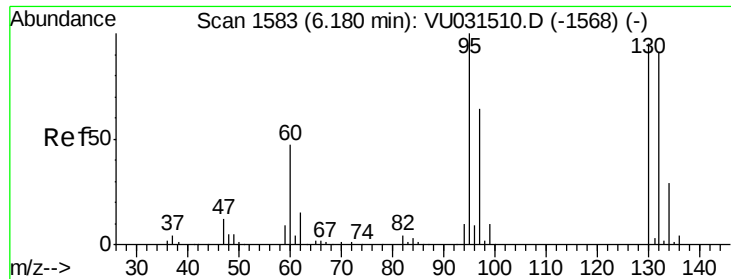
98 9.5 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU031510.D (-1320) (-)

Ion 98.00 (97.70 to 98.70): VU031510.D (-1320) (-)

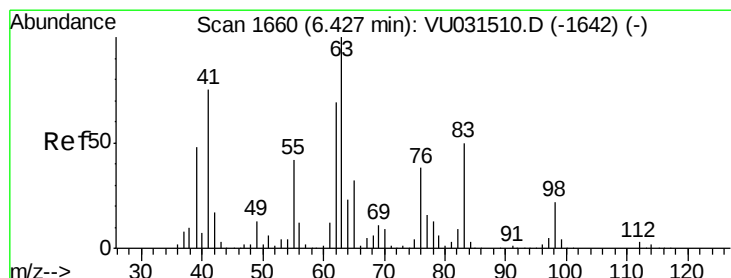
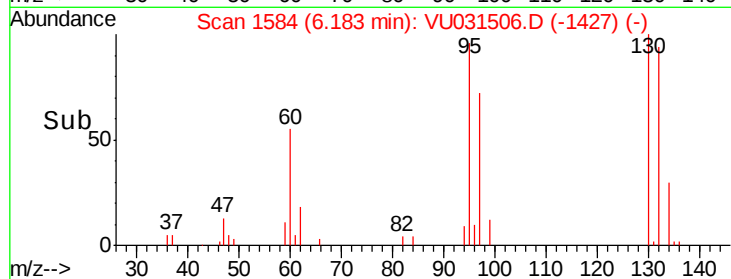
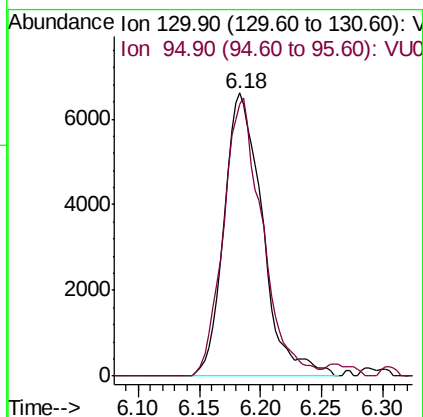
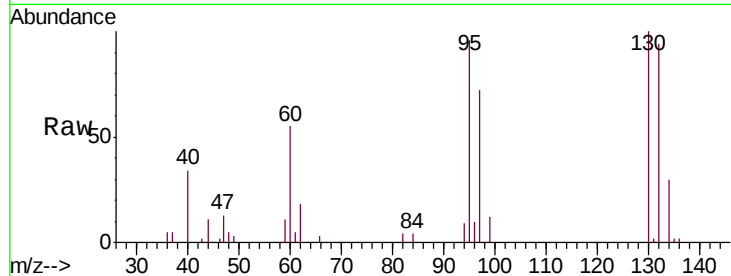




#37
 Trichloroethene
 Concen: 0.520 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

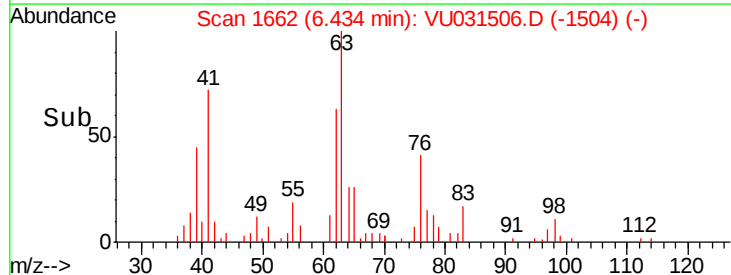
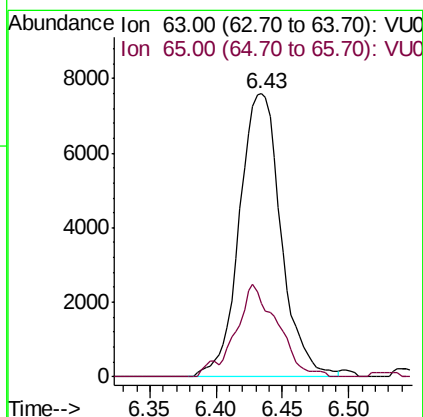
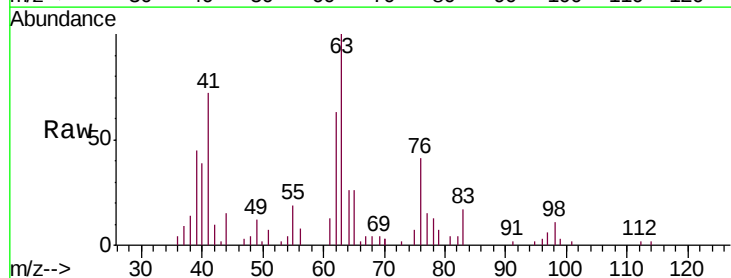
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

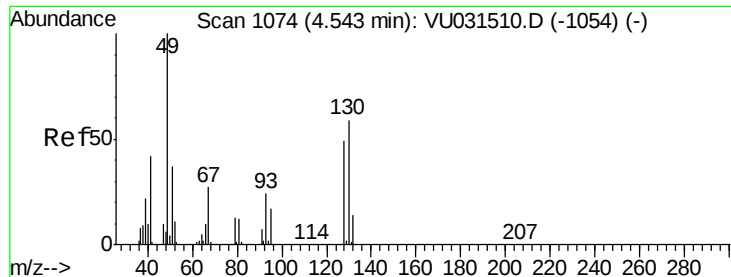
Tgt Ion:130 Resp: 14498
 Ion Ratio Lower Upper
 130 100
 95 95.9 83.8 125.8



#38
 1,2-Dichloropropane
 Concen: 0.527 ug/l
 RT: 6.43 min Scan# 1662
 Delta R.T. 0.01 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 63 Resp: 16552
 Ion Ratio Lower Upper
 63 100
 65 26.0 25.3 37.9

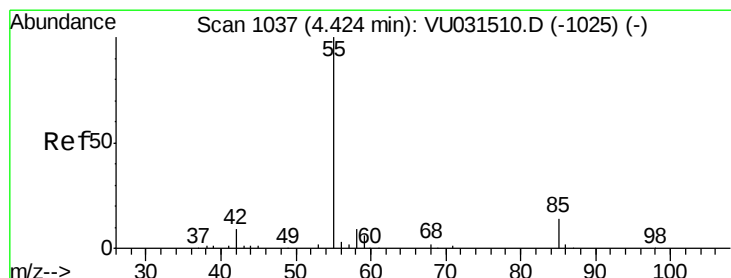
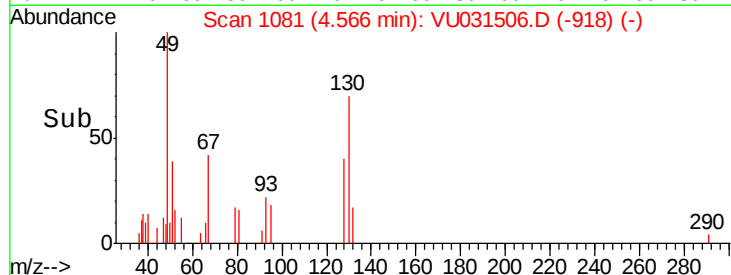
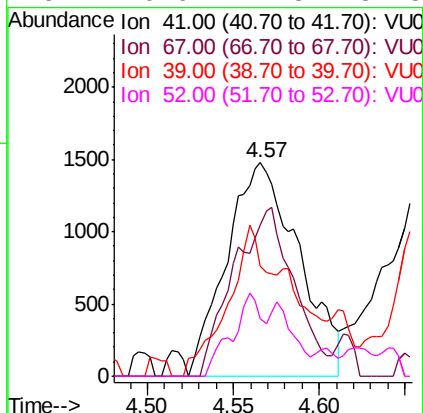
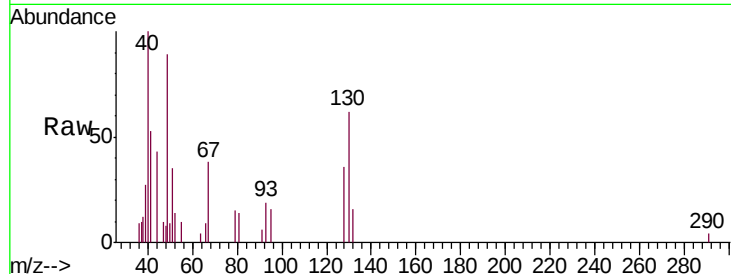




#39
Methacrylonitrile
Concen: 0.429 ug/l
RT: 4.57 min Scan# 1081
Delta R.T. 0.02 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

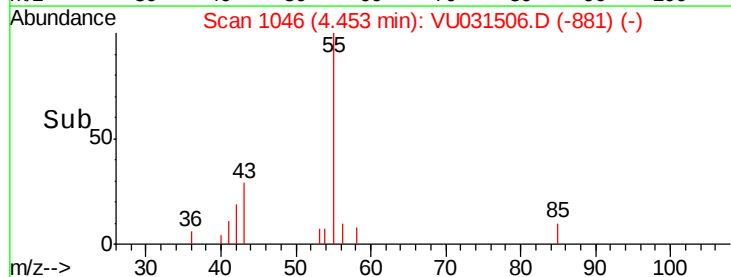
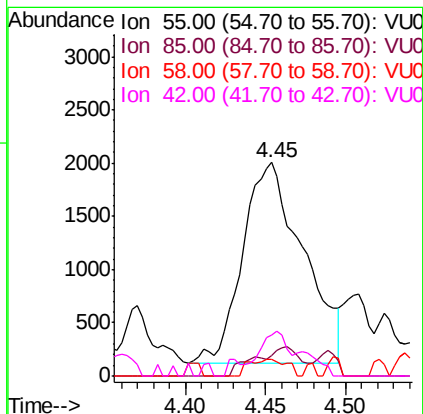
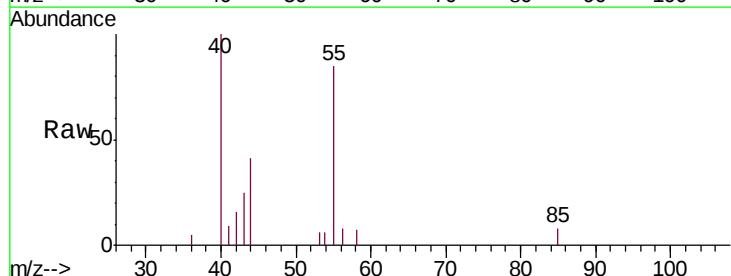
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

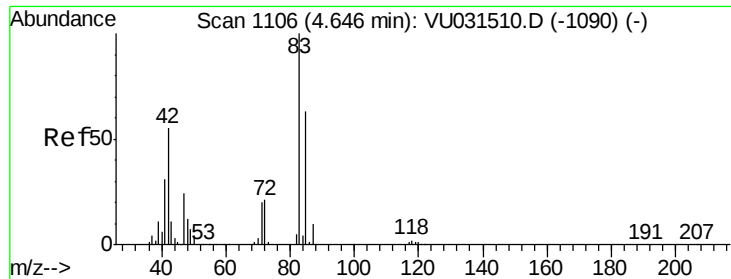
Tgt Ion:	41	Resp:	4327
Ion	Ratio	Lower	Upper
41	100		
67	0.0	54.2	81.4#
39	40.8	43.8	65.8#
52	16.6	21.8	32.8#



#40
Methyl acrylate
Concen: 0.639 ug/l
RT: 4.45 min Scan# 1046
Delta R.T. 0.03 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion:	55	Resp:	4868
Ion	Ratio	Lower	Upper
55	100		
85	0.0	11.5	17.3#
58	3.6	6.5	9.7#
42	7.1	7.4	11.2#





#41

Tetrahydrofuran

Concen: 0.999 ug/l

RT: 4.67 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

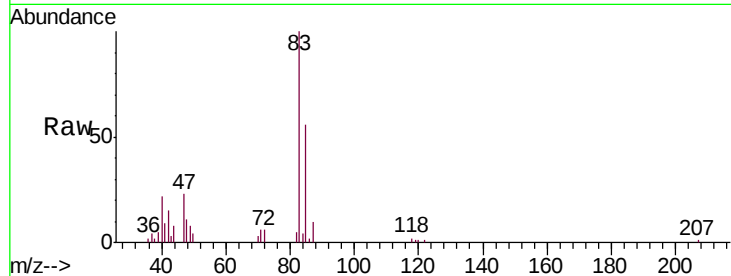
Tgt Ion: 42 Resp: 5469

Ion Ratio Lower Upper

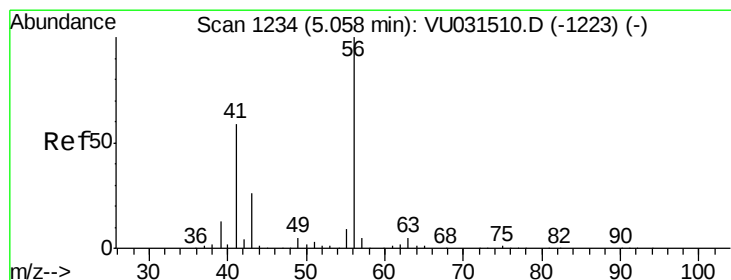
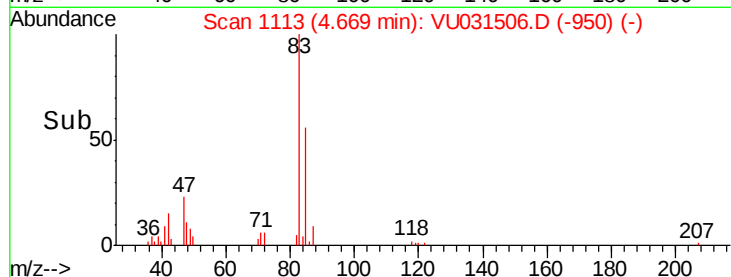
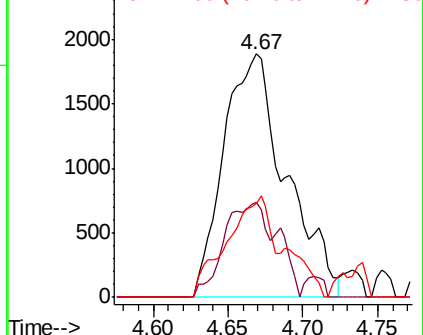
42 100

72 26.5 32.1 48.1#

71 30.1 29.2 43.8



Abundance Ion 42.00 (41.70 to 42.70): VU0
Ion 72.00 (71.70 to 72.70): VU0
Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 0.471 ug/l

RT: 5.06 min Scan# 1236

Delta R.T. 0.01 min

Lab File: VU031506.D

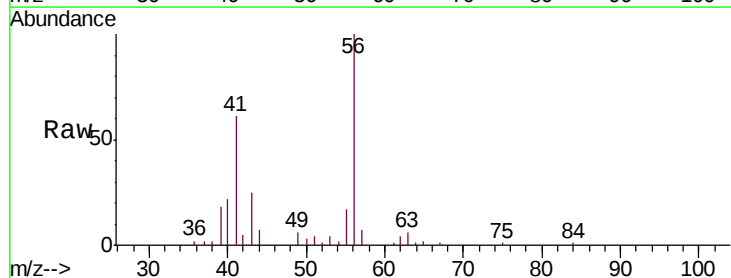
Acq: 25 Apr 2019 17:35

Tgt Ion: 56 Resp: 26306

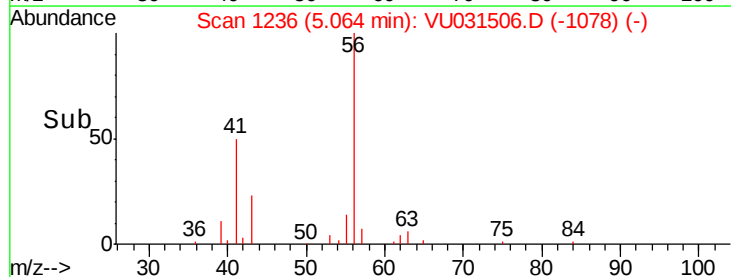
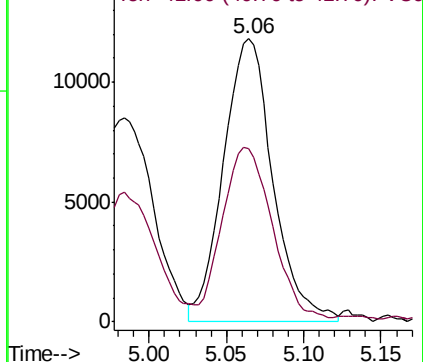
Ion Ratio Lower Upper

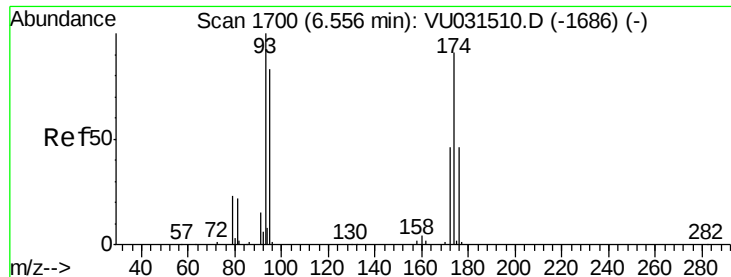
56 100

41 60.2 29.3 88.0



Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 41.00 (40.70 to 41.70): VU0

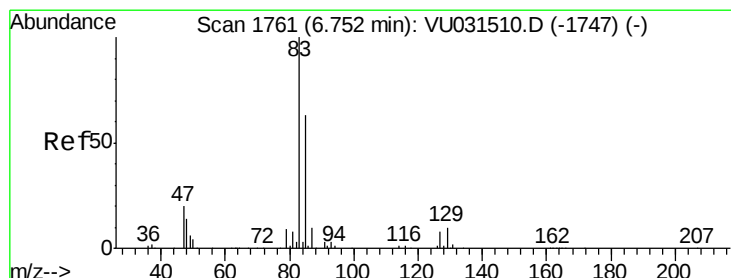
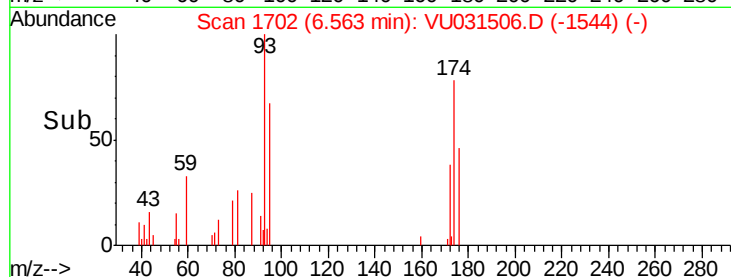
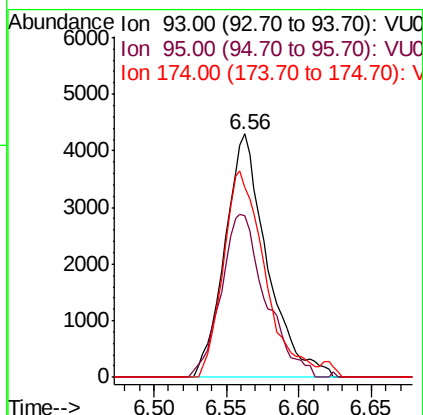
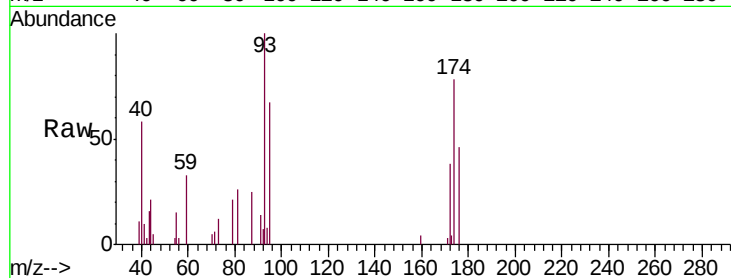




#43
Dibromomethane
Concen: 0.568 ug/l
RT: 6.56 min Scan# 1702
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

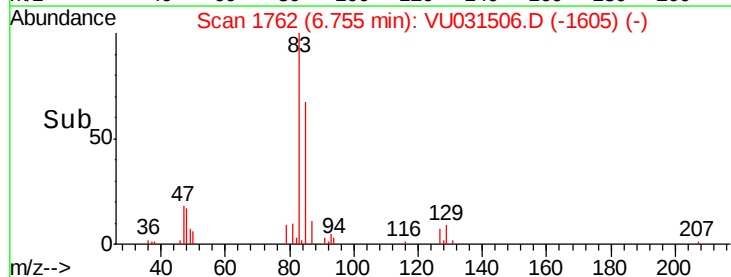
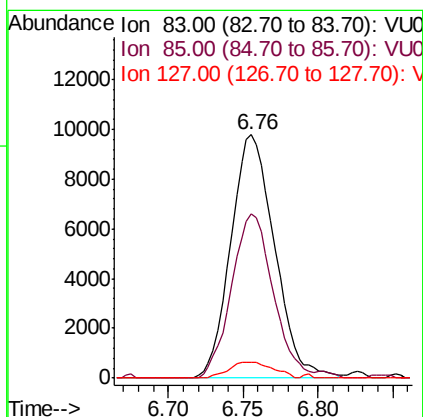
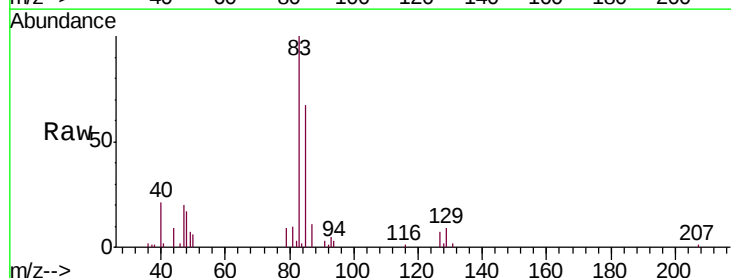
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

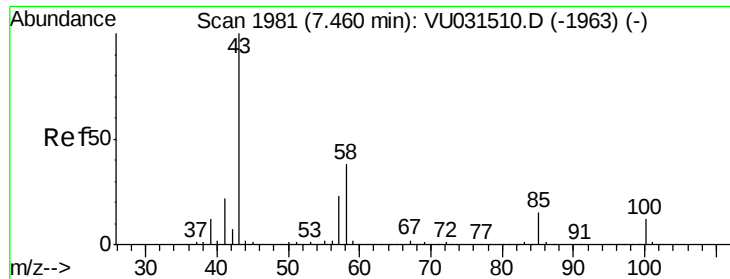
Tgt Ion: 93 Resp: 8665
Ion Ratio Lower Upper
93 100
95 70.5 65.7 98.5
174 83.3 71.8 107.8



#44
Bromodichloromethane
Concen: 0.513 ug/l
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 83 Resp: 19919
Ion Ratio Lower Upper
83 100
85 67.4 50.3 75.5
127 6.7 6.6 9.8

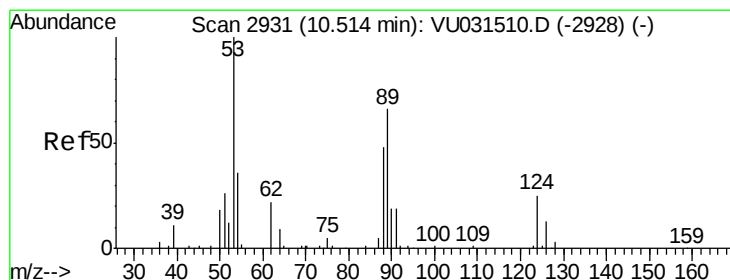
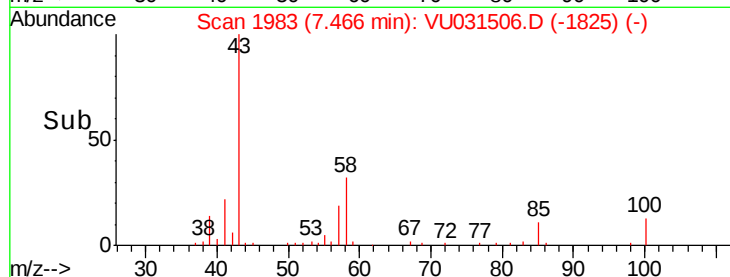
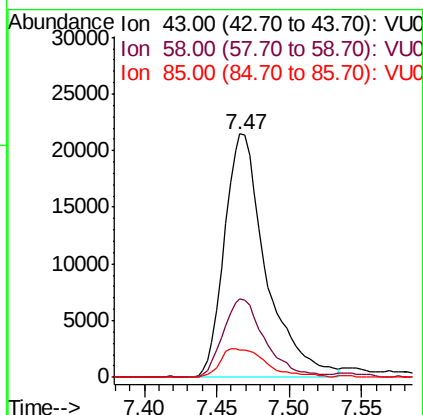
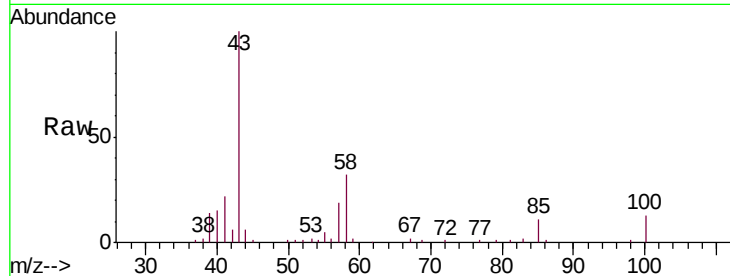




#45
4-Methyl-2-Pentanone
Concen: 2.312 ug/l
RT: 7.47 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

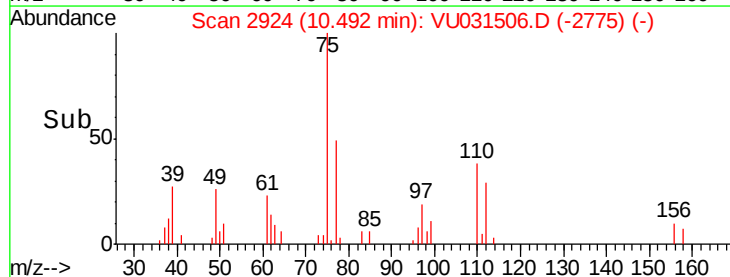
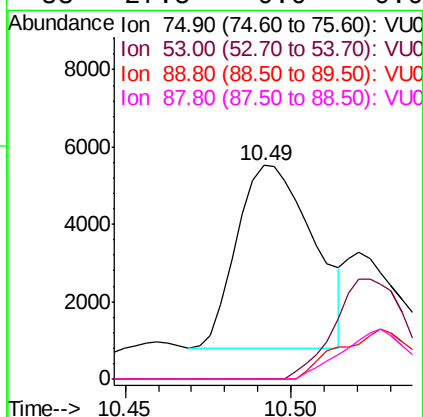
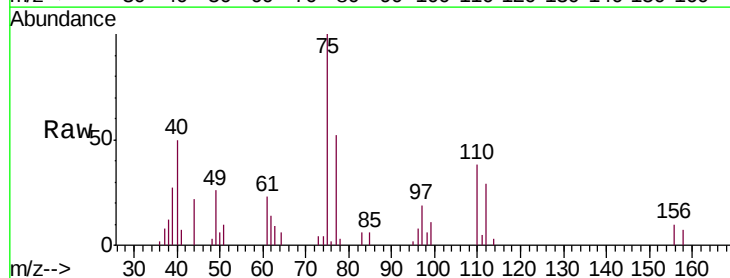
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

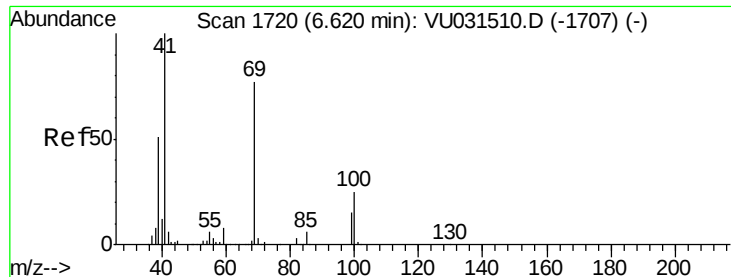
Tgt Ion: 43 Resp: 42653
Ion Ratio Lower Upper
43 100
58 32.5 18.7 56.1
85 13.2 12.1 18.1



#46
t-1,4-Dichloro-2-butene
Concen: 1.297 ug/l
RT: 10.49 min Scan# 2924
Delta R.T. -0.02 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 75 Resp: 7563
Ion Ratio Lower Upper
75 100
53 57.3 63.8 95.8#
89 31.7 38.6 57.8#
88 27.5 0.0 0.0#

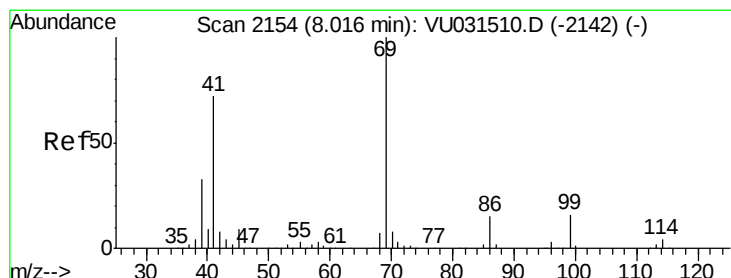
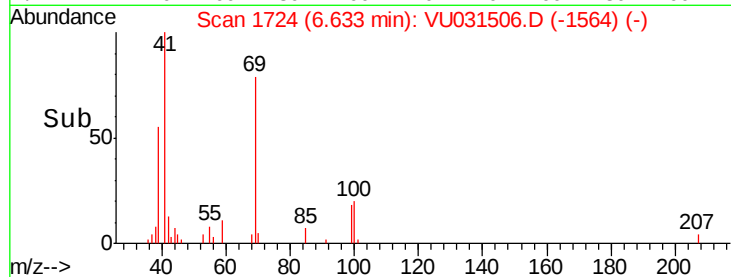
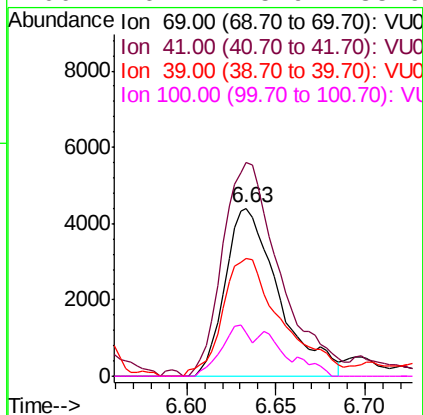
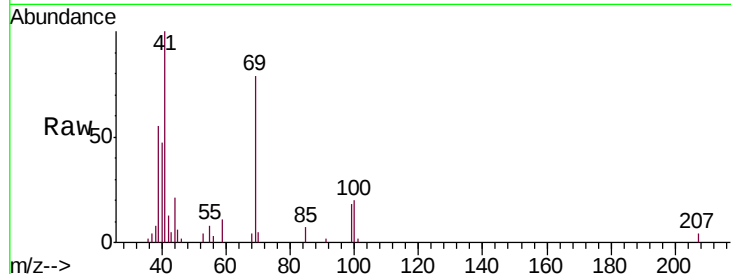




#47
Methyl methacrylate
Concen: 0.755 ug/l
RT: 6.63 min Scan# 1724
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

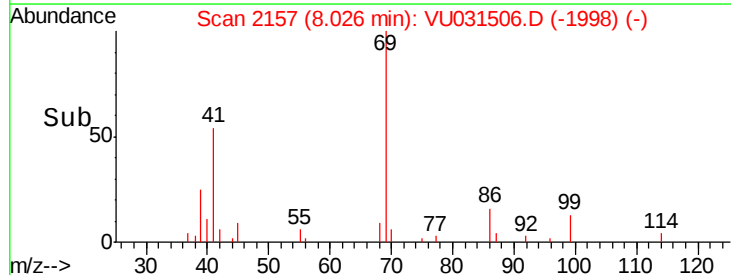
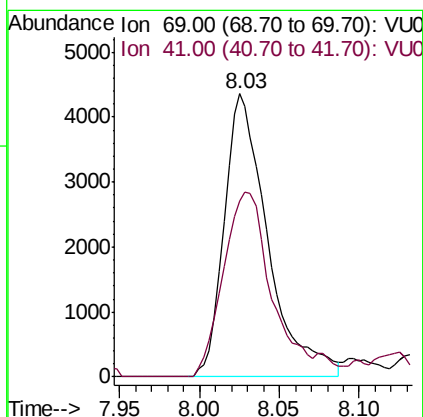
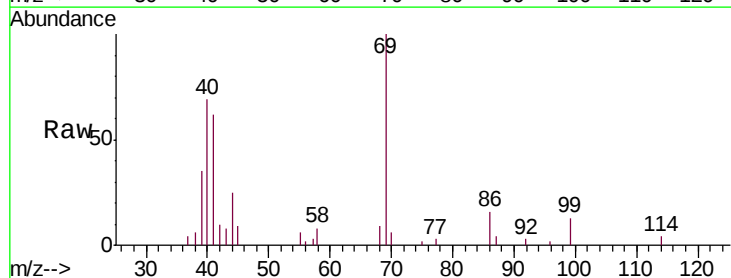
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

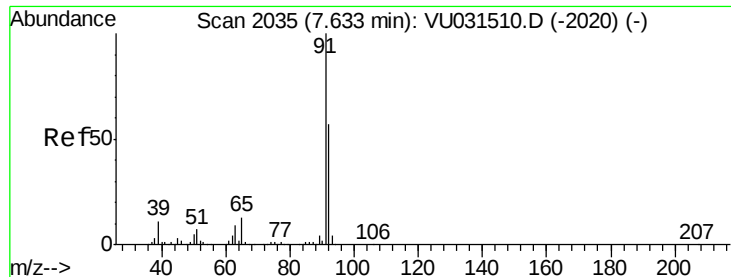
Tgt Ion: 69 Resp: 9201
Ion Ratio Lower Upper
69 100
41 136.6 0.0 256.4
39 77.7 52.2 78.4
100 16.4 25.9 38.9#



#48
Ethyl methacrylate
Concen: 0.698 ug/l
RT: 8.03 min Scan# 2157
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 69 Resp: 8126
Ion Ratio Lower Upper
69 100
41 71.1 35.5 106.5





#49

Toluene

Concen: 0.444 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

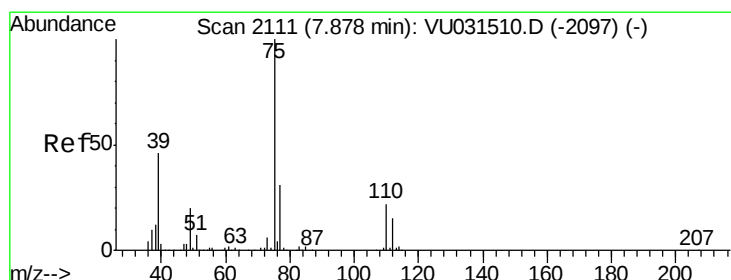
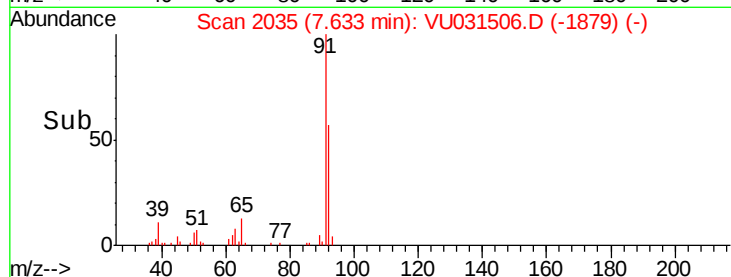
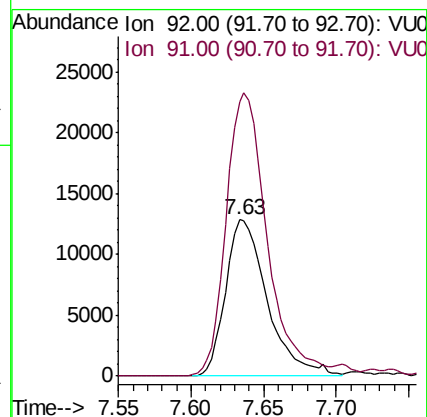
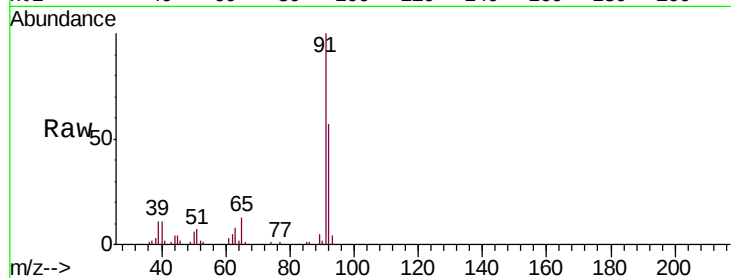
VSTDIC0.5

Tgt Ion: 92 Resp: 25718

Ion Ratio Lower Upper

92 100

91 177.5 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 0.487 ug/l

RT: 7.89 min Scan# 2114

Delta R.T. 0.01 min

Lab File: VU031506.D

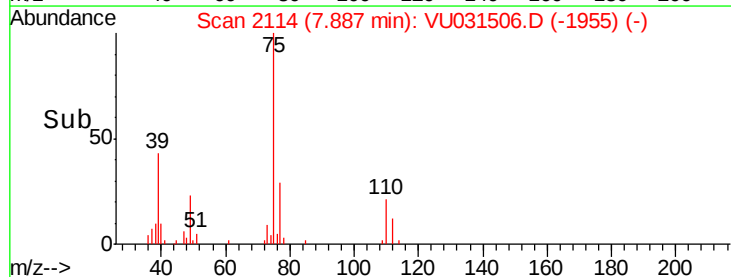
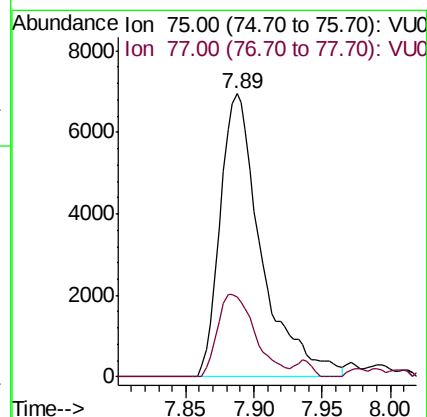
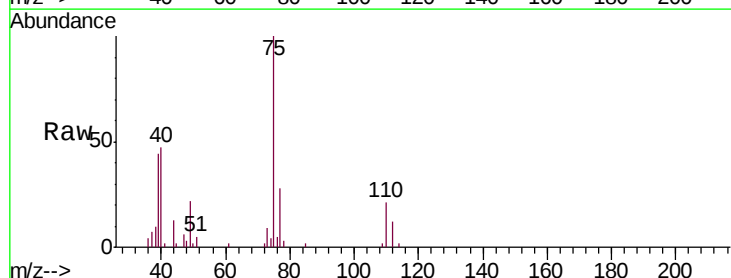
Acq: 25 Apr 2019 17:35

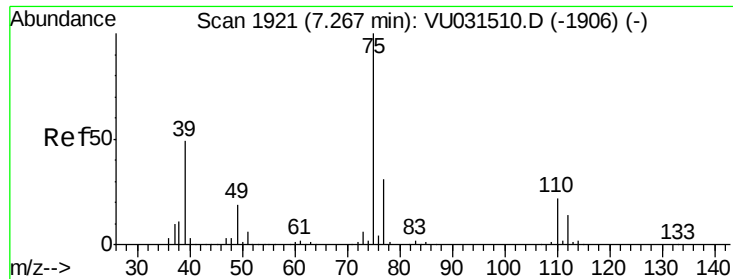
Tgt Ion: 75 Resp: 14612

Ion Ratio Lower Upper

75 100

77 28.3 25.0 37.4





#51

cis-1,3-Dichloropropene

Concen: 0.449 ug/l

RT: 7.27 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

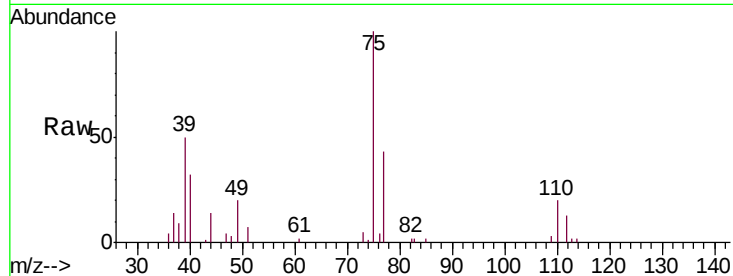
Tgt Ion: 75 Resp: 16899

Ion Ratio Lower Upper

75 100

77 42.8 25.0 37.4#

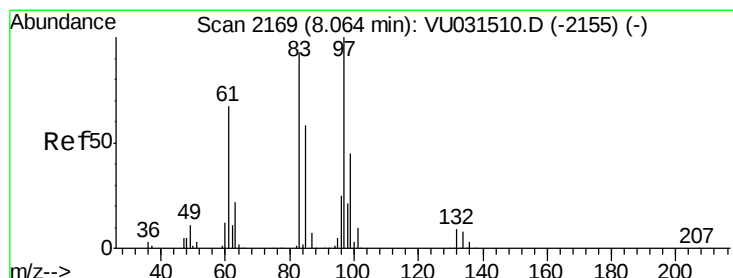
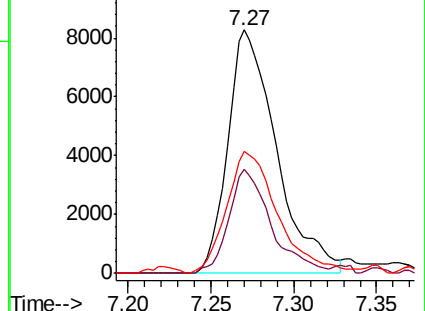
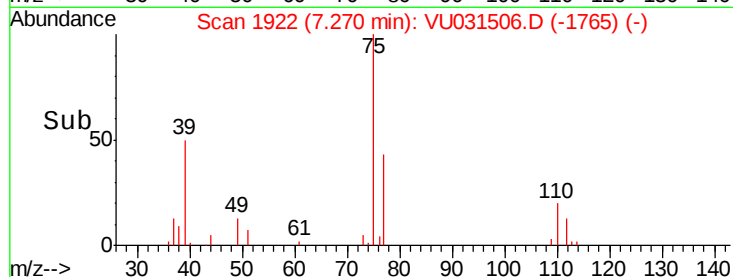
39 49.9 39.0 58.6



Abundance Ion 75.00 (74.70 to 75.70): VU031510.D (-1906) (-)

Ion 77.00 (76.70 to 77.70): VU031510.D (-1906) (-)

Ion 39.00 (38.70 to 39.70): VU031510.D (-1906) (-)



#52

1,1,2-Trichloroethane

Concen: 0.483 ug/l

RT: 8.07 min Scan# 2170

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Tgt Ion: 97 Resp: 9842

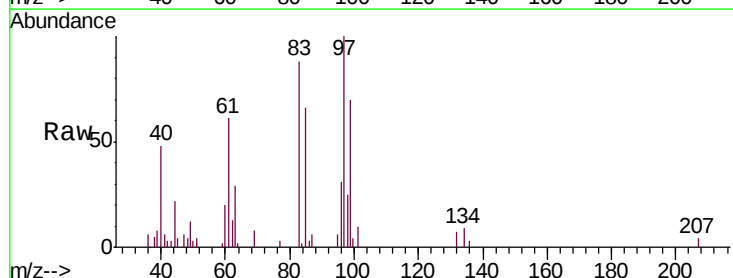
Ion Ratio Lower Upper

97 100

83 88.1 74.8 112.2

85 65.9 48.3 72.5

99 69.6 51.8 77.8

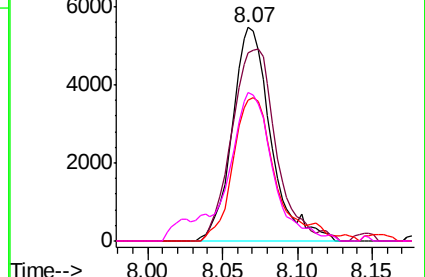
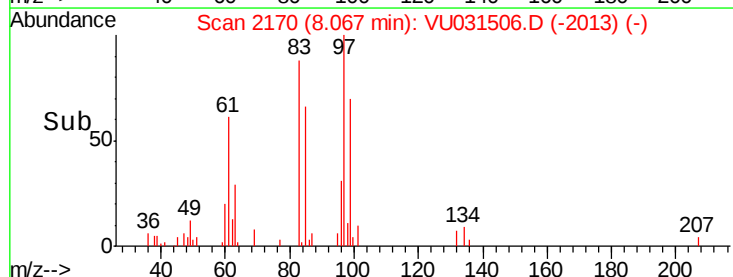


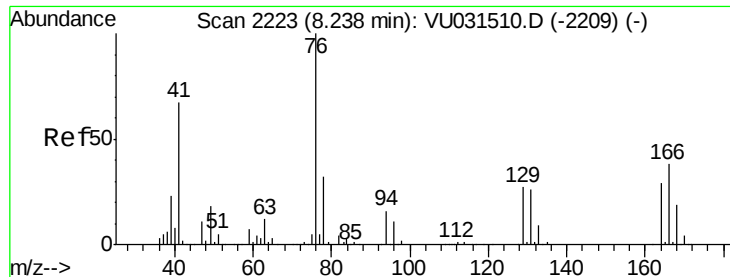
Abundance Ion 97.00 (96.70 to 97.70): VU031510.D (-2155) (-)

Ion 82.95 (82.65 to 83.65): VU031510.D (-2155) (-)

Ion 84.95 (84.65 to 85.65): VU031510.D (-2155) (-)

Ion 98.95 (98.65 to 99.65): VU031510.D (-2155) (-)





#53

1,3-Dichloropropane

Concen: 0.506 ug/l

RT: 8.25 min Scan# 2226

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

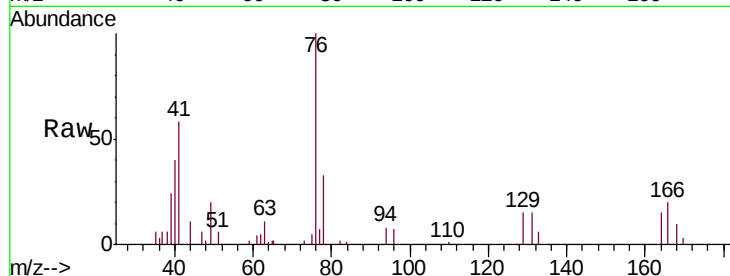
VSTDIC0.5

Tgt Ion: 76 Resp: 17767

Ion Ratio Lower Upper

76 100

78 33.7 25.7 38.5



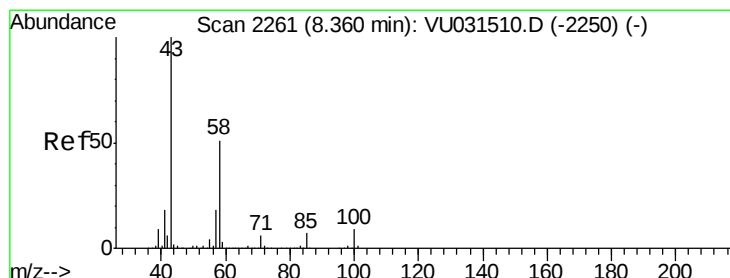
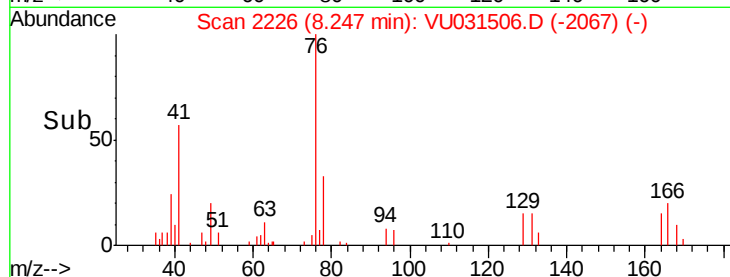
Abundance Ion 76.00 (75.70 to 76.70): VU031510.D (-2209) (-)

Ion 78.00 (77.70 to 78.70): VU031510.D (-2209) (-)

8.25

8.20 8.25 8.30

Time-->



#54

2-Hexanone

Concen: 2.207 ug/l

RT: 8.37 min Scan# 2265

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

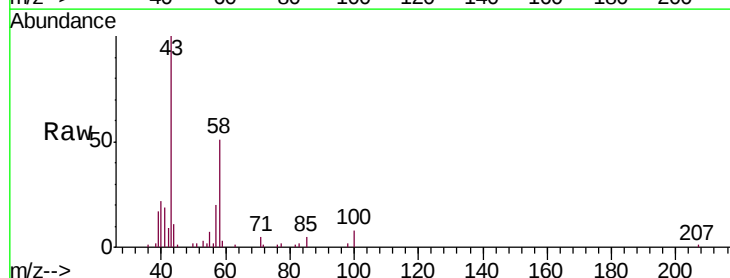
Tgt Ion: 43 Resp: 27264

Ion Ratio Lower Upper

43 100

58 45.3 30.3 70.3

57 17.0 0.0 37.8



Abundance Ion 43.00 (42.70 to 43.70): VU031510.D (-2250) (-)

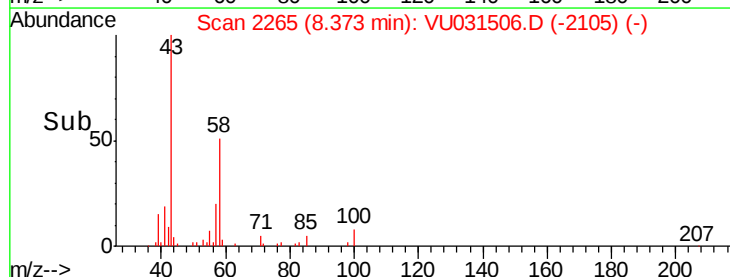
Ion 58.00 (57.70 to 58.70): VU031510.D (-2250) (-)

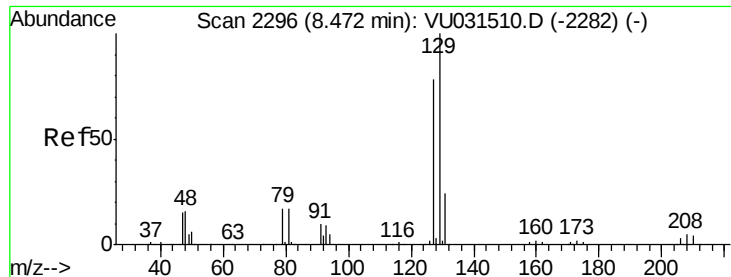
Ion 57.00 (56.70 to 57.70): VU031510.D (-2250) (-)

8.37

8.30 8.35 8.40 8.45

Time-->





#55

Dibromochloromethane

Concen: 0.523 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

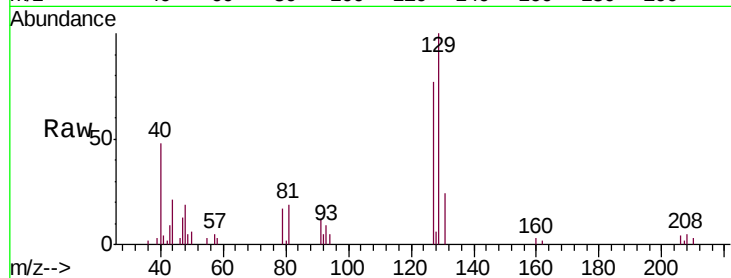
VSTDIC0.5

Tgt Ion:129 Resp: 11896

Ion Ratio Lower Upper

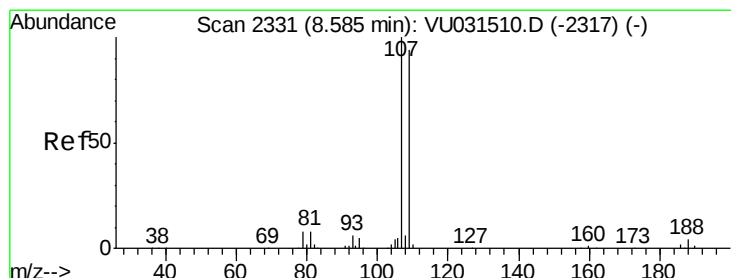
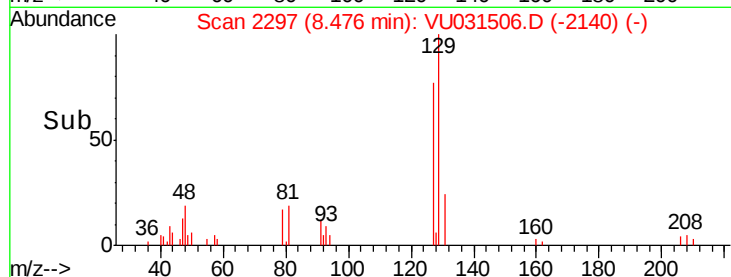
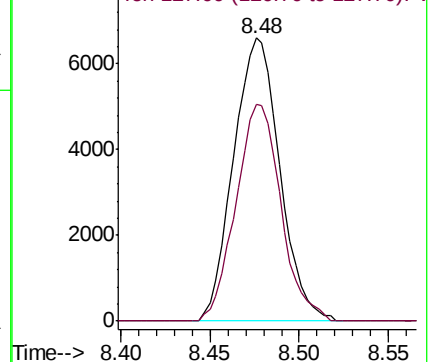
129 100

127 74.6 62.6 94.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 0.507 ug/l

RT: 8.59 min Scan# 2332

Delta R.T. 0.00 min

Lab File: VU031506.D

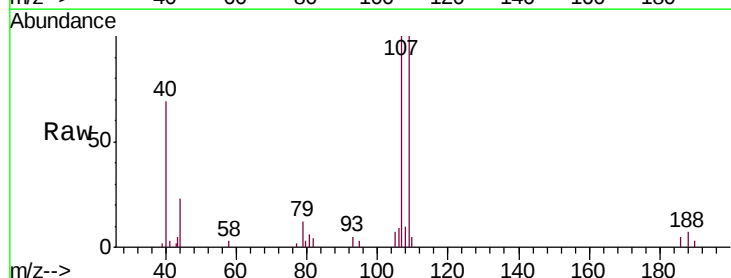
Acq: 25 Apr 2019 17:35

Tgt Ion:107 Resp: 9096

Ion Ratio Lower Upper

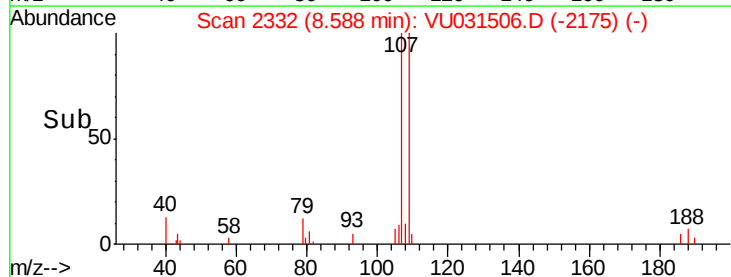
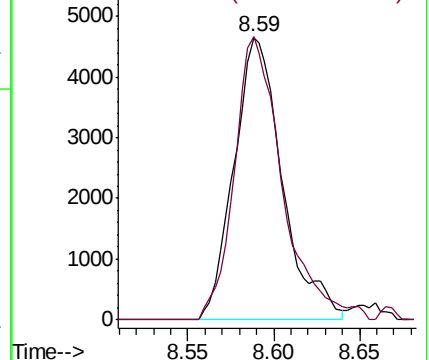
107 100

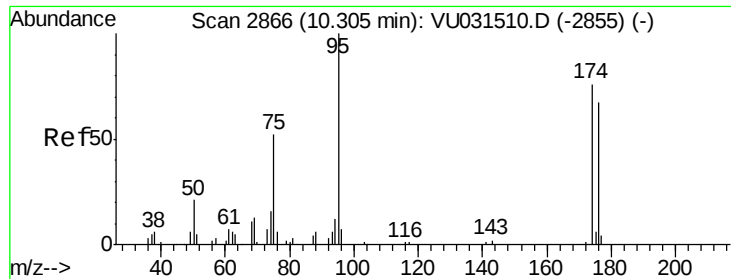
109 99.6 0.0 186.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

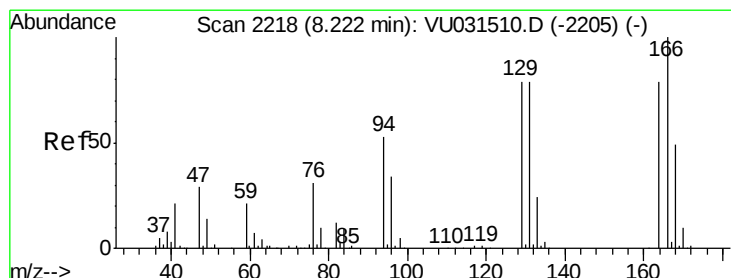
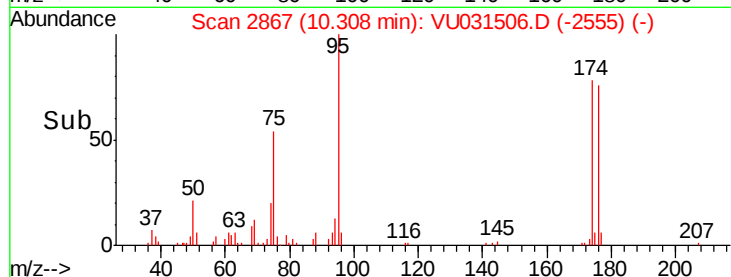
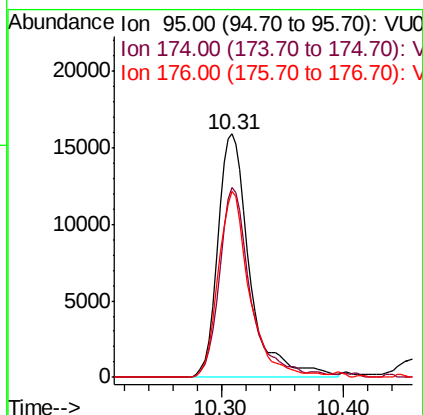
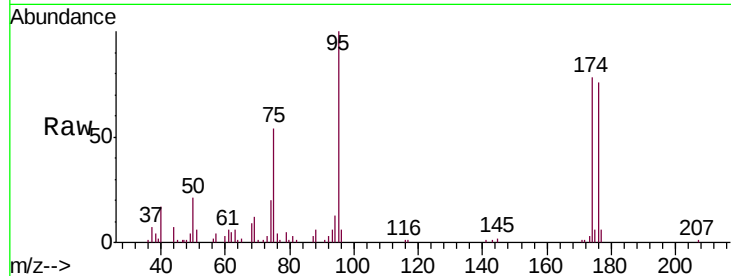




#57
4-Bromofluorobenzene
Concen: 0.507 ug/l
RT: 10.31 min Scan# 2867
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

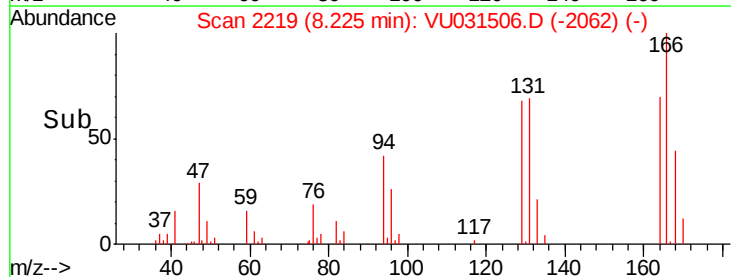
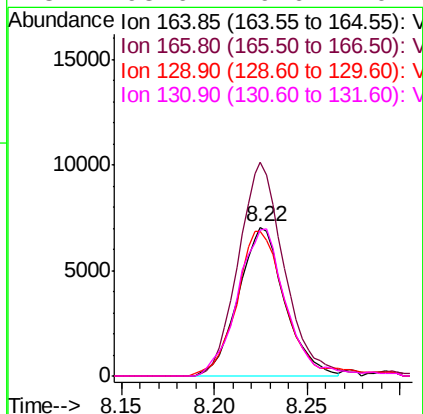
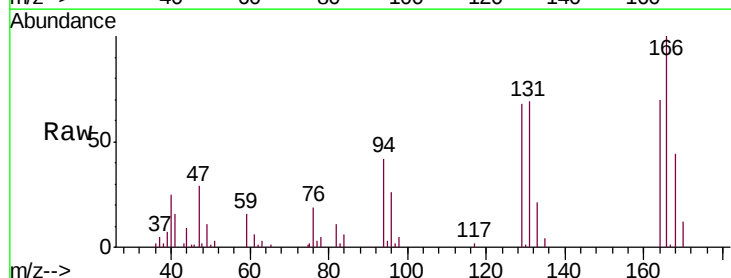
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

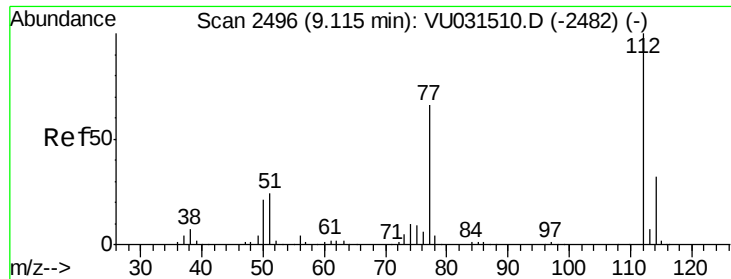
Tgt Ion: 95 Resp: 29151
Ion Ratio Lower Upper
95 100
174 75.4 57.9 86.9
176 75.1 54.0 81.0



#58
Tetrachloroethene
Concen: 0.456 ug/l
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 164 Resp: 12178
Ion Ratio Lower Upper
164 100
166 143.8 101.2 151.8
129 97.2 80.2 120.4
131 98.6 79.6 119.4





#59

Chlorobenzene

Concen: 0.480 ug/l

RT: 9.12 min Scan# 2498

Delta R.T. 0.01 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

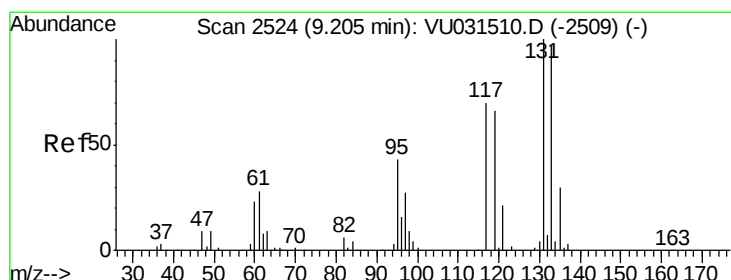
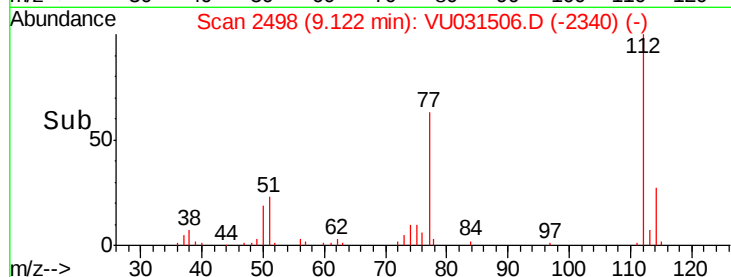
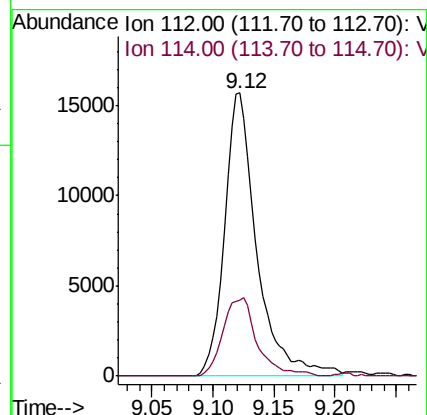
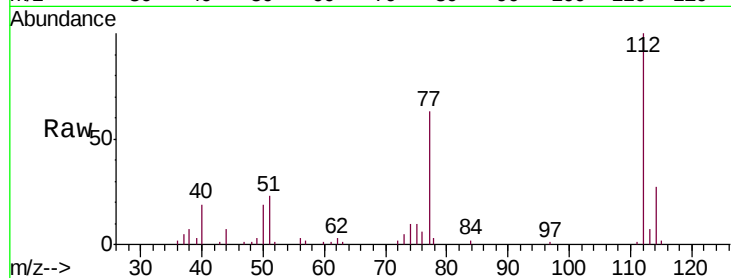
VSTDIC0.5

Tgt Ion:112 Resp: 29060

Ion Ratio Lower Upper

112 100

114 27.0 25.8 38.6



#60

1,1,1,2-Tetrachloroethane

Concen: 0.507 ug/l

RT: 9.21 min Scan# 2524

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

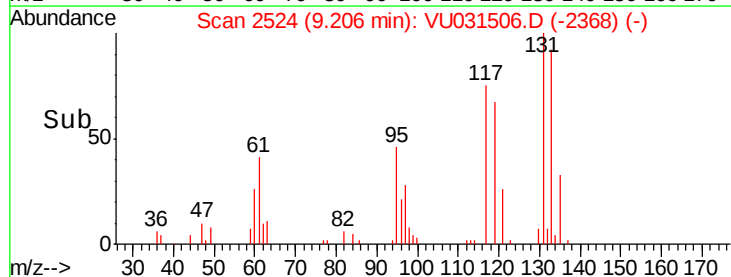
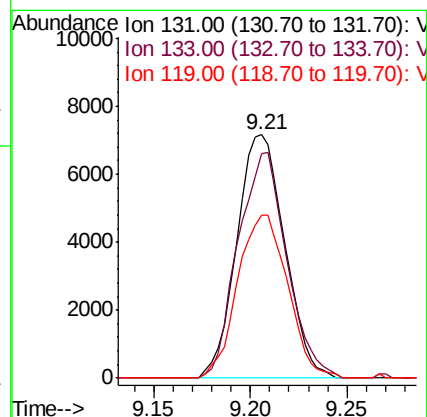
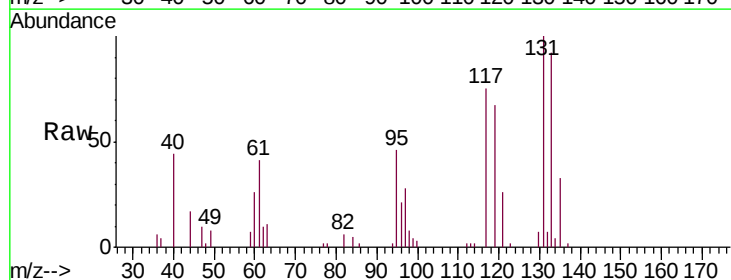
Tgt Ion:131 Resp: 12334

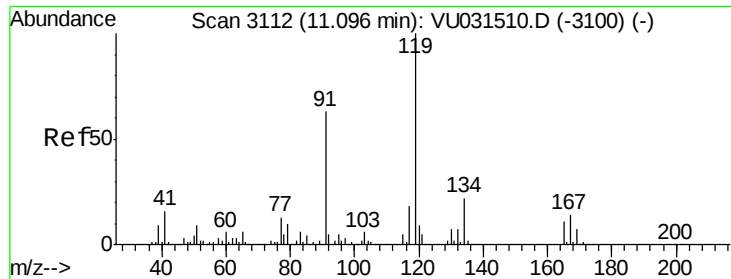
Ion Ratio Lower Upper

131 100

133 94.5 77.7 116.5

119 70.1 53.4 80.0

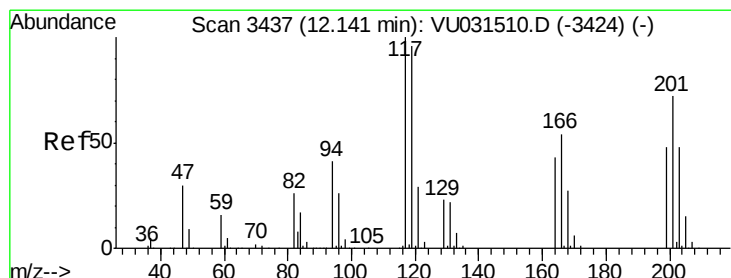
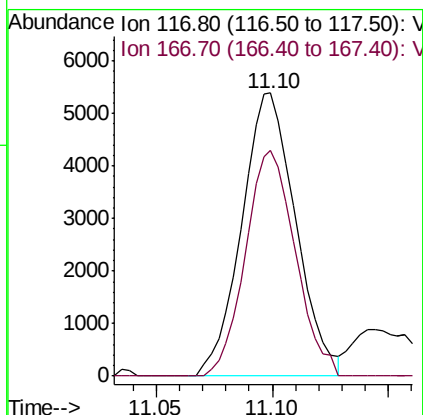
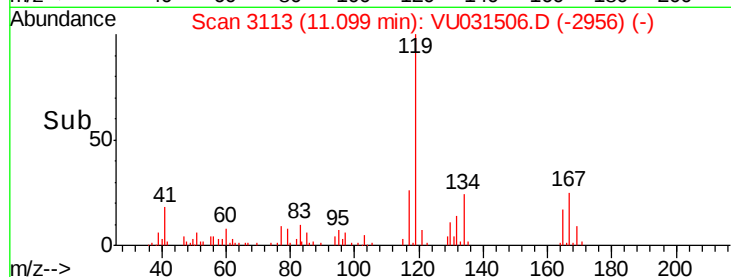
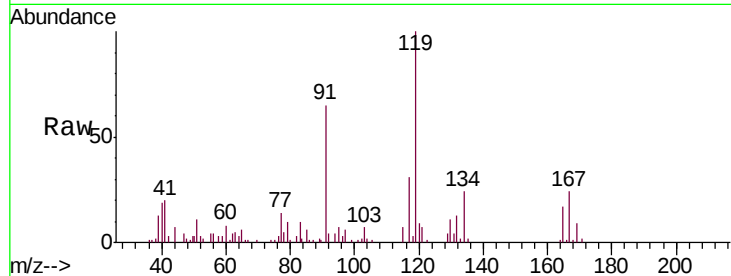




#61
 Pentachloroethane
 Concen: 0.524 ug/l
 RT: 11.10 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

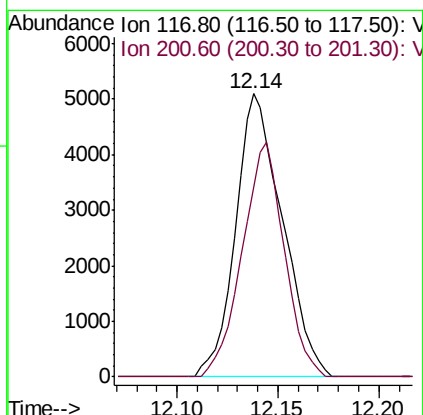
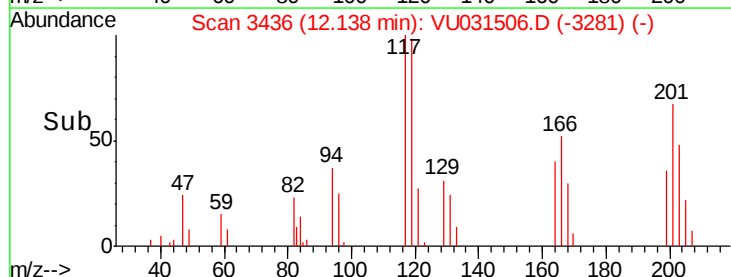
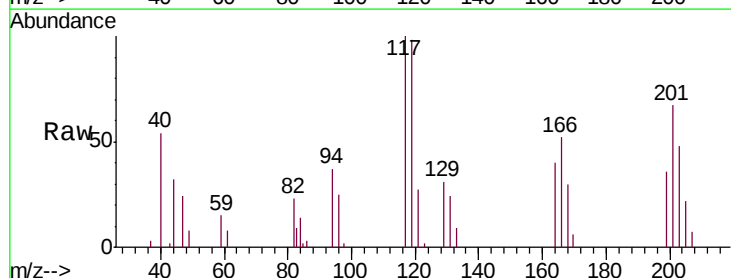
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

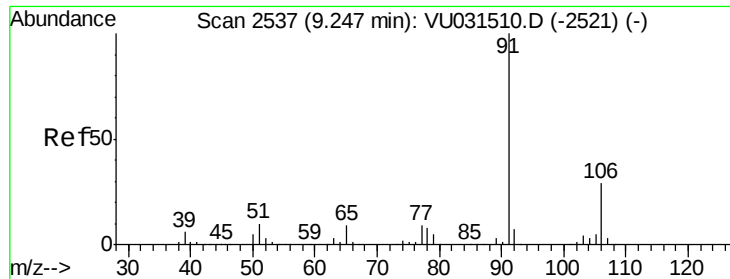
Tgt Ion:117 Resp: 8752
 Ion Ratio Lower Upper
 117 100
 167 73.4 62.5 93.7



#62
 Hexachloroethane
 Concen: 0.494 ug/l
 RT: 12.14 min Scan# 3436
 Delta R.T. -0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion:117 Resp: 8262
 Ion Ratio Lower Upper
 117 100
 201 74.4 60.0 90.0

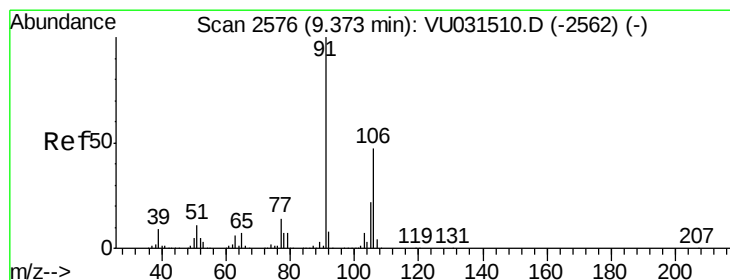
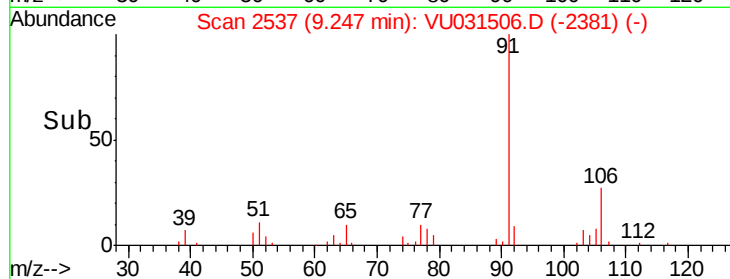
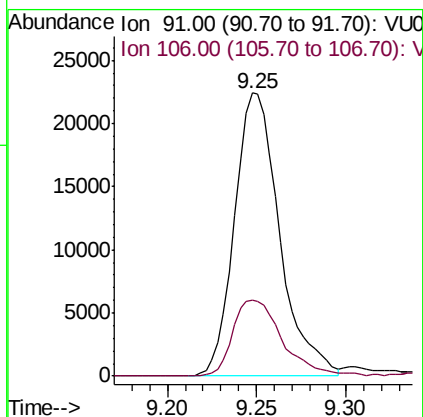
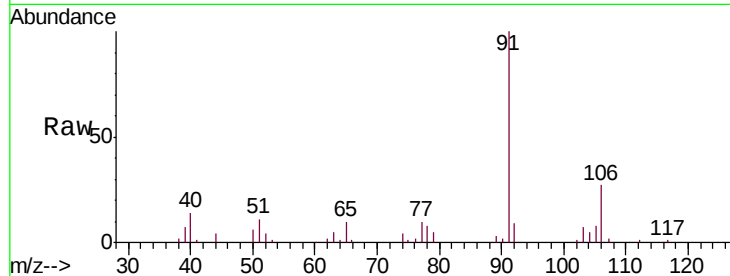




#63
Ethyl Benzene
Concen: 0.393 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

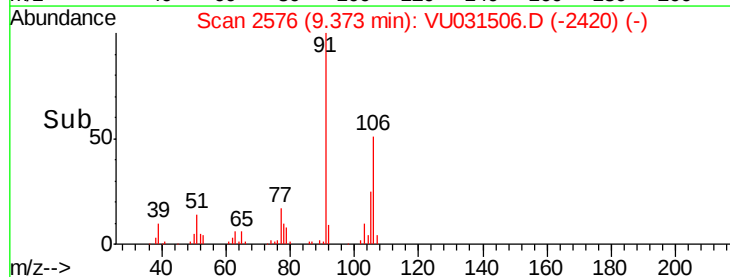
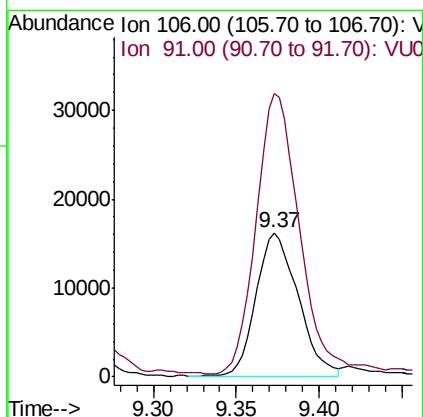
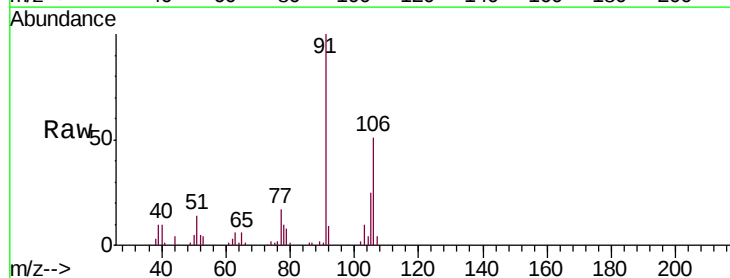
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

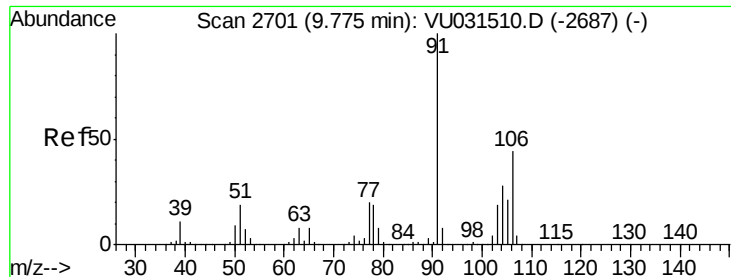
Tgt Ion: 91 Resp: 39540
Ion Ratio Lower Upper
91 100
106 26.9 23.4 35.2



#64
m/p-Xylenes
Concen: 0.770 ug/l
RT: 9.37 min Scan# 2576
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 106 Resp: 28888
Ion Ratio Lower Upper
106 100
91 196.5 171.0 256.4

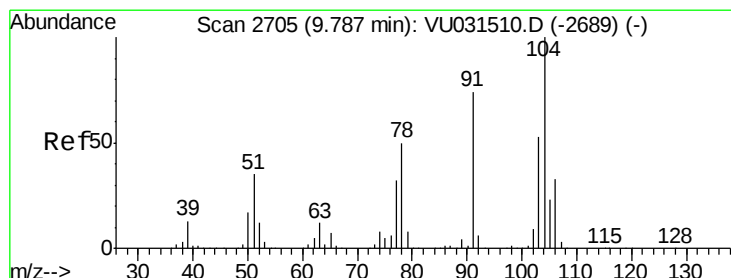
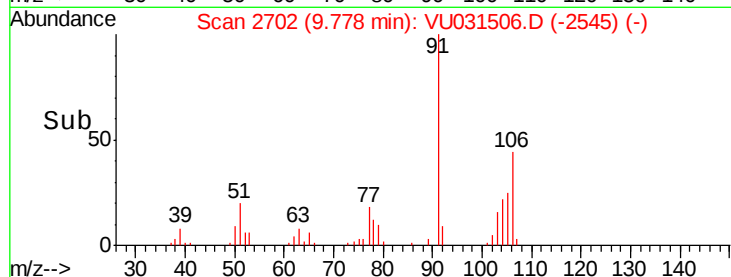
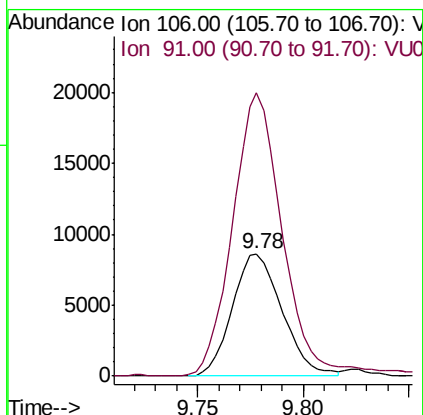
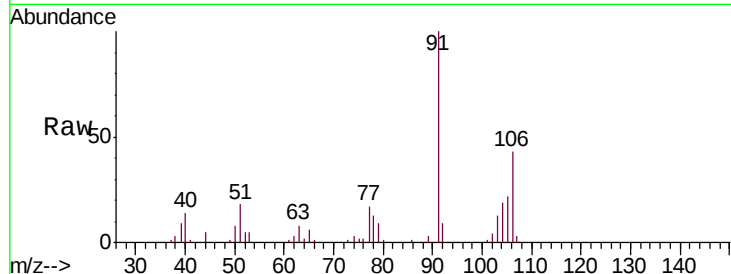




#65
o-Xylene
Concen: 0.382 ug/l
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

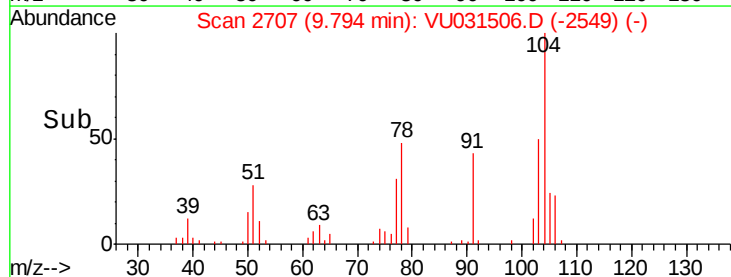
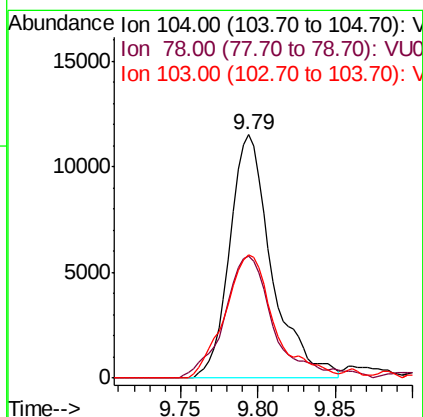
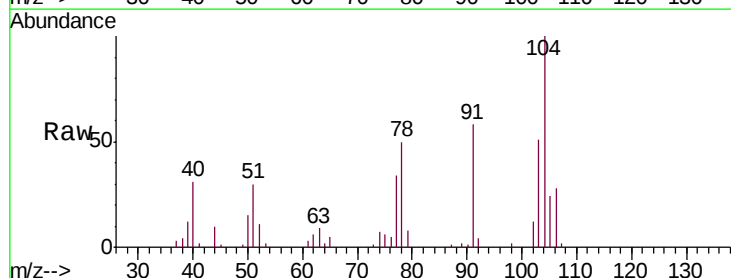
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

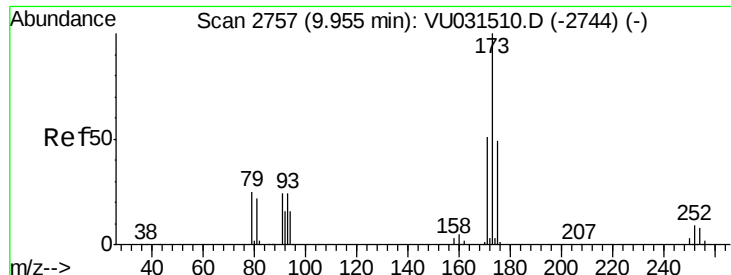
Tgt Ion:106 Resp: 14105
Ion Ratio Lower Upper
106 100
91 236.1 113.8 341.4



#66
Styrene
Concen: 0.609 ug/l
RT: 9.79 min Scan# 2707
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion:104 Resp: 21708
Ion Ratio Lower Upper
104 100
78 59.5 42.5 63.7
103 59.3 44.5 66.7

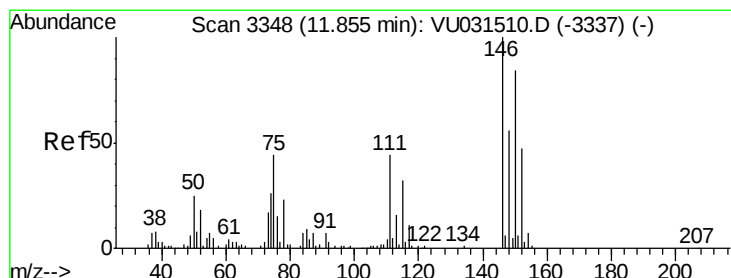
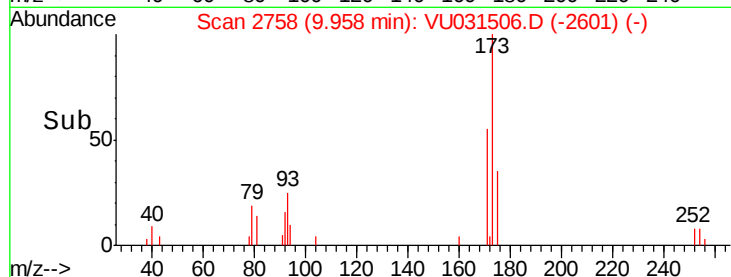
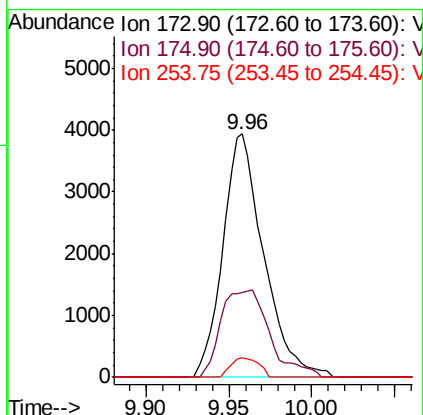
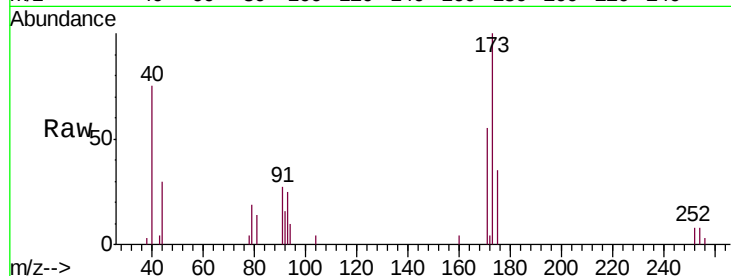




#67
 Bromoform
 Concen: 0.530 ug/l
 RT: 9.96 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

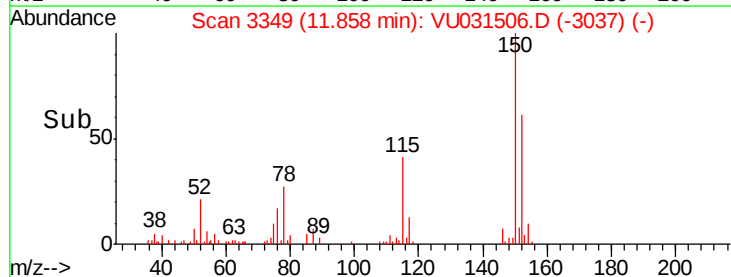
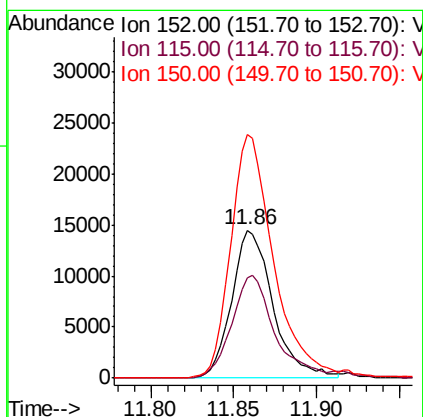
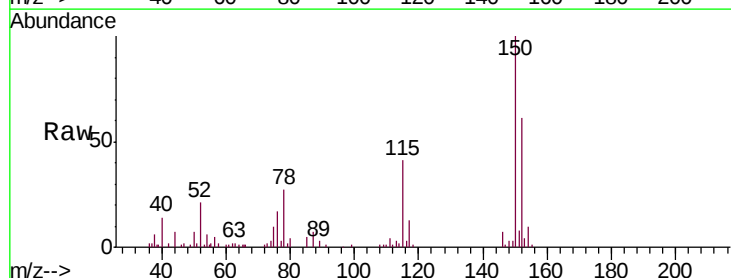
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

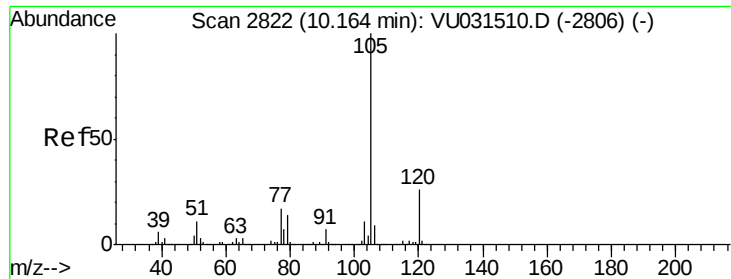
Tgt Ion:173 Resp: 6740
 Ion Ratio Lower Upper
 173 100
 175 42.7 38.7 58.1
 254 5.5 6.0 9.0#



#68
 1,2-Dichlorobenzene-d4
 Concen: 0.530 ug/l
 RT: 11.86 min Scan# 3349
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion:152 Resp: 25046
 Ion Ratio Lower Upper
 152 100
 115 71.9 0.0 123.2
 150 170.3 0.0 658.2





#69

Isopropylbenzene

Concen: 0.394 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

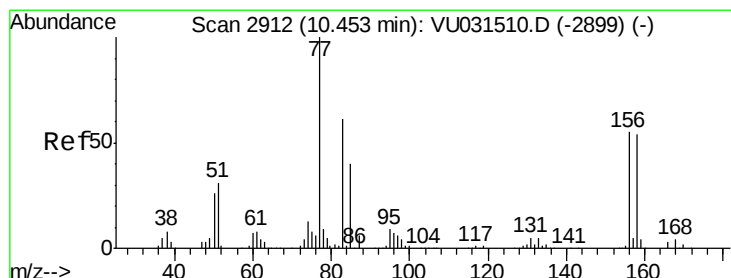
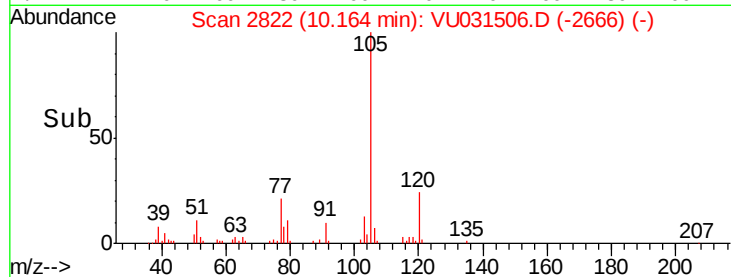
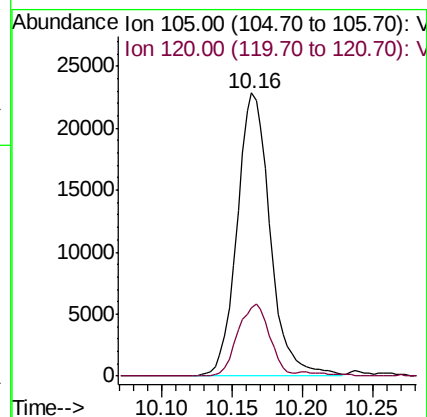
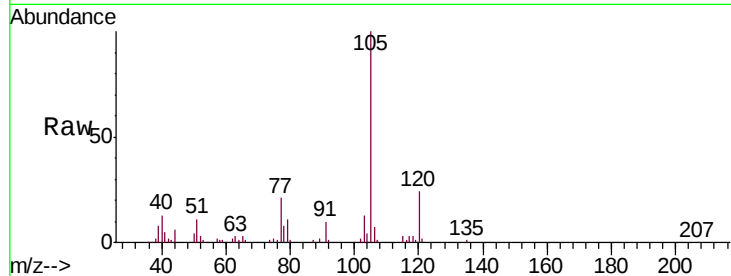
VSTDIC0.5

Tgt Ion:105 Resp: 37589

Ion Ratio Lower Upper

105 100

120 24.5 12.4 37.4



#70

1,1,2,2-Tetrachloroethane

Concen: 0.517 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

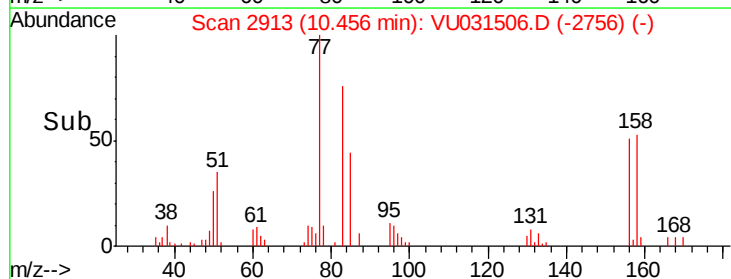
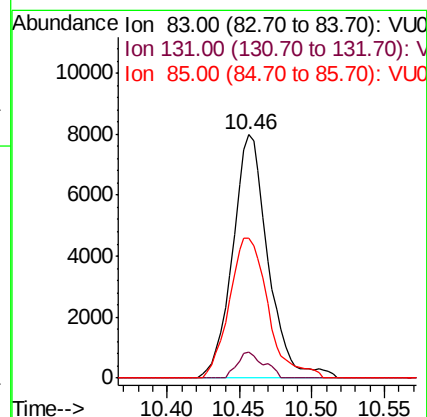
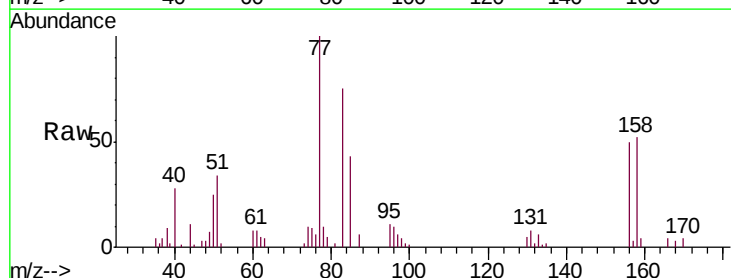
Tgt Ion: 83 Resp: 13516

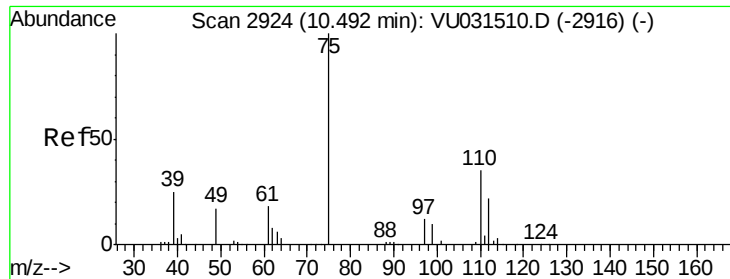
Ion Ratio Lower Upper

83 100

131 8.0 7.2 10.8

85 62.9 52.8 79.2





#71

1,2,3-Trichloropropane

Concen: 0.406 ug/l

RT: 10.49 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 7563

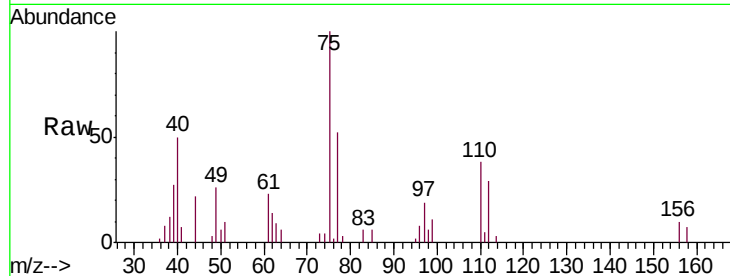
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 43.6 0.0 68.2

97 21.4 0.0 36.6

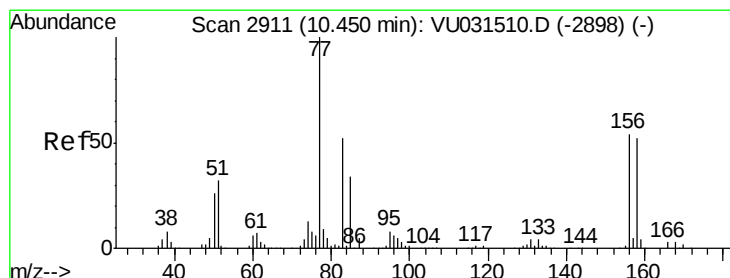
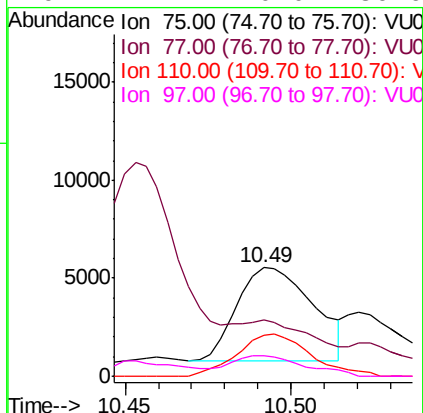
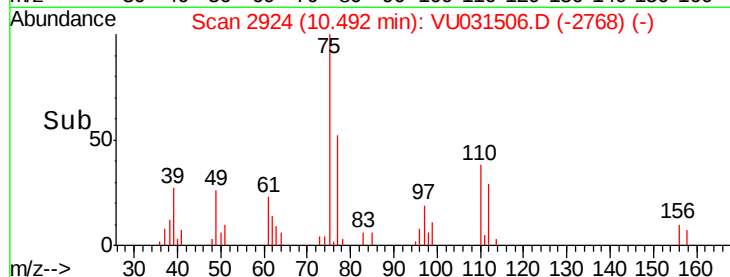


Abundance Ion 75.00 (74.70 to 75.70): VU0

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: 0.438 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

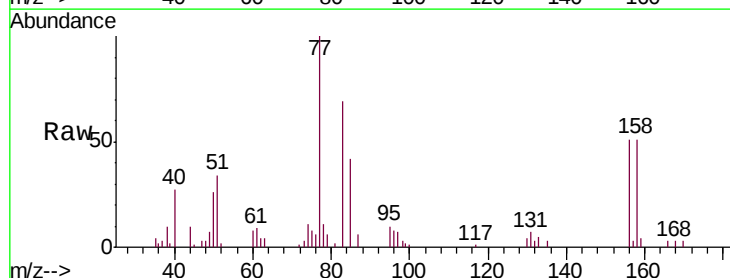
Tgt Ion: 156 Resp: 10736

Ion Ratio Lower Upper

156 100

77 185.6 0.0 353.4

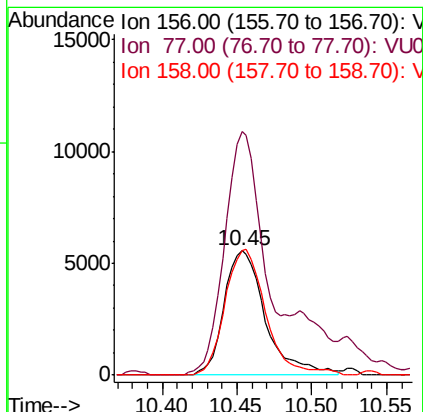
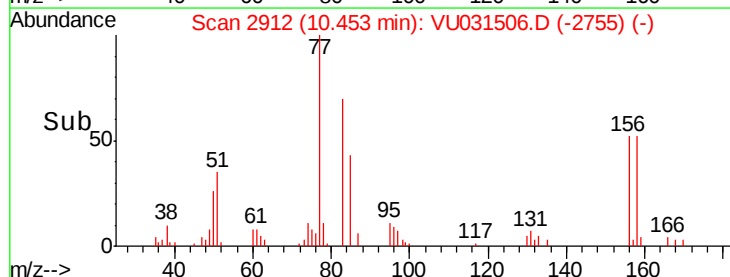
158 99.6 0.0 190.6

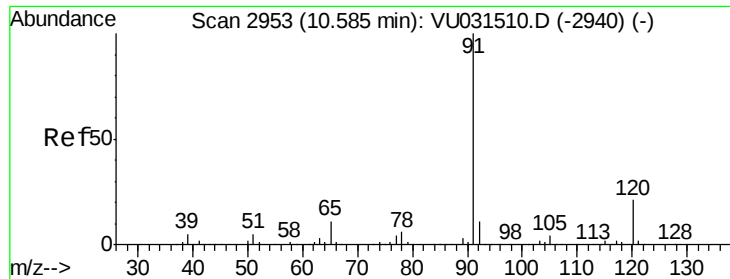


Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VU0

Ion 158.00 (157.70 to 158.70): V





#73

n-propylbenzene

Concen: 0.575 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

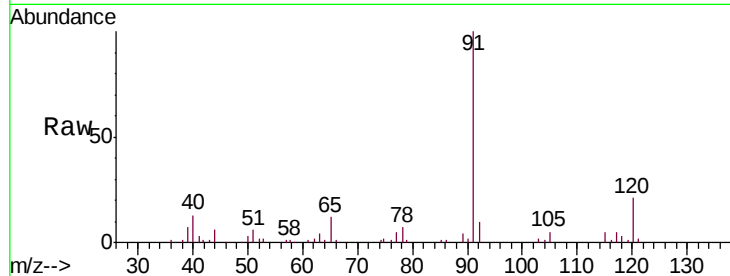
VSTDIC0.5

Tgt Ion:120 Resp: 8830

Ion Ratio Lower Upper

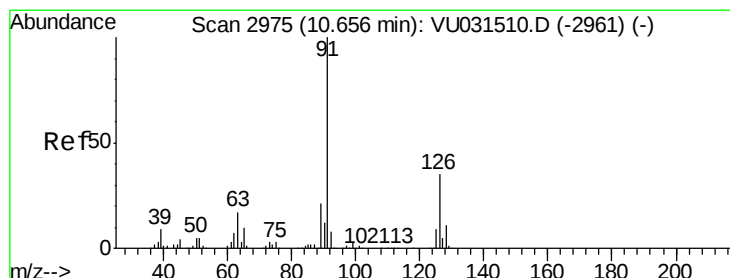
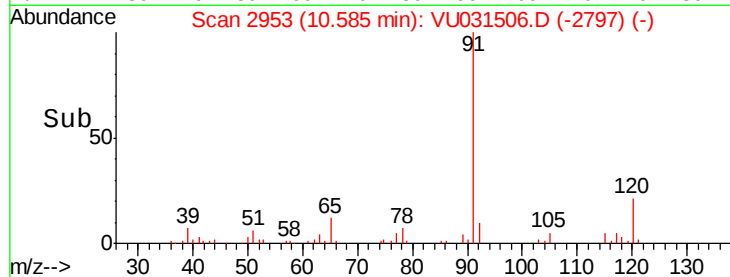
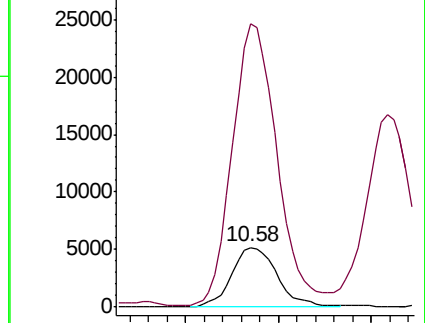
120 100

91 467.7 373.9 560.9



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.374 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031506.D

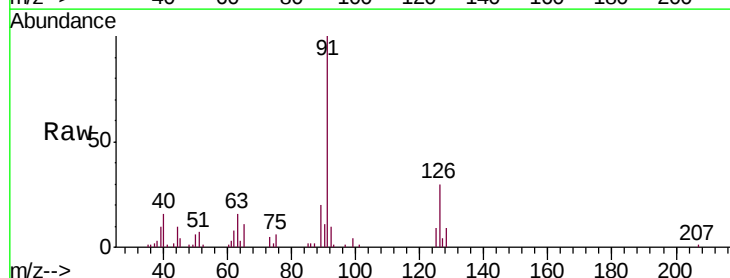
Acq: 25 Apr 2019 17:35

Tgt Ion:126 Resp: 8887

Ion Ratio Lower Upper

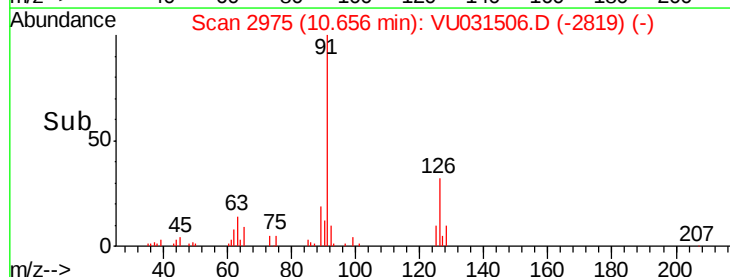
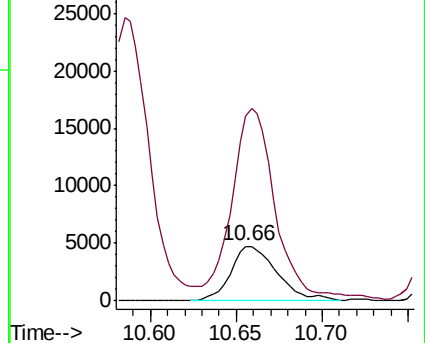
126 100

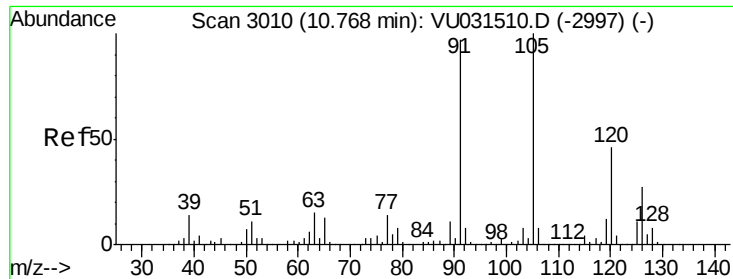
91 310.2 0.0 659.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.530 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

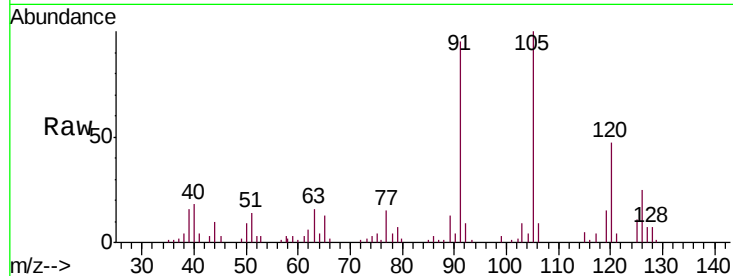
VSTDIC0.5

Tgt Ion:105 Resp: 28875

Ion Ratio Lower Upper

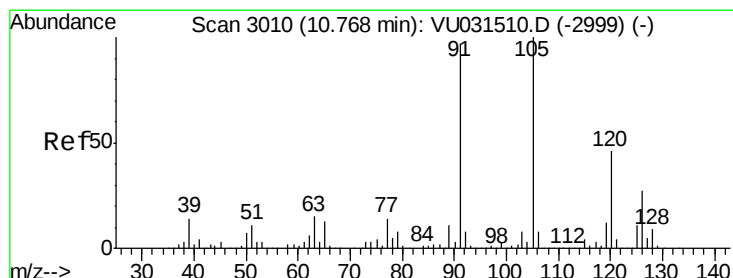
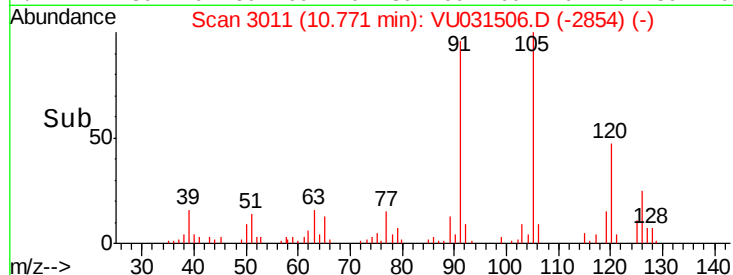
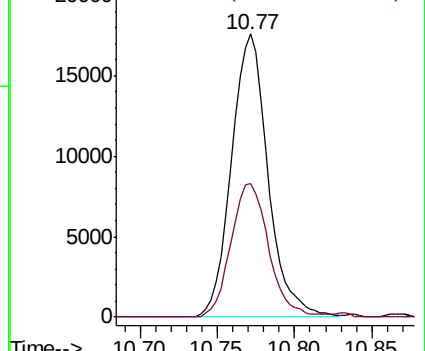
105 100

120 48.7 36.8 55.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 0.456 ug/l

RT: 10.77 min Scan# 3012

Delta R.T. 0.01 min

Lab File: VU031506.D

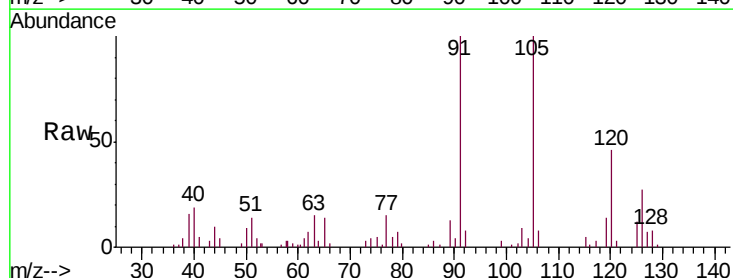
Acq: 25 Apr 2019 17:35

Tgt Ion:126 Resp: 7832

Ion Ratio Lower Upper

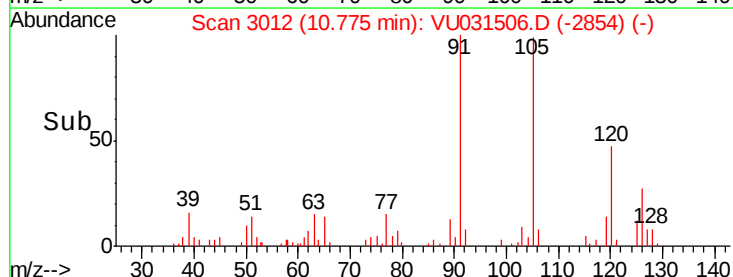
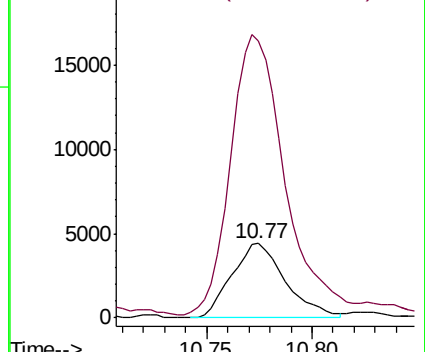
126 100

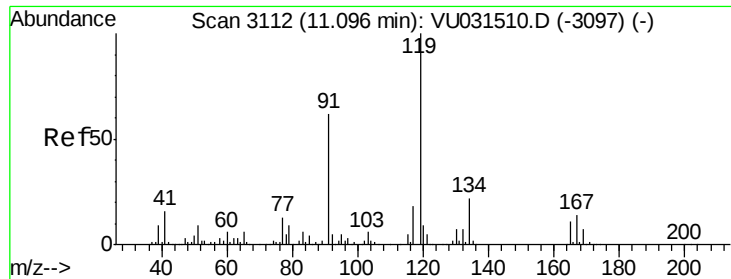
91 379.4 0.0 732.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

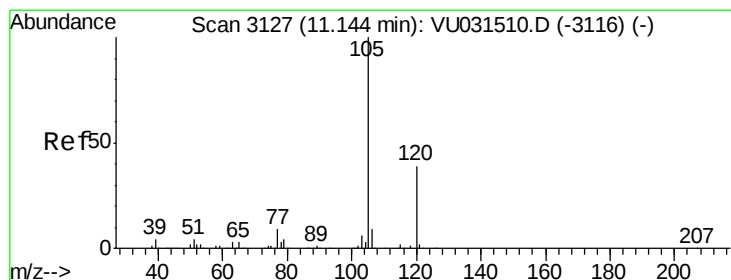
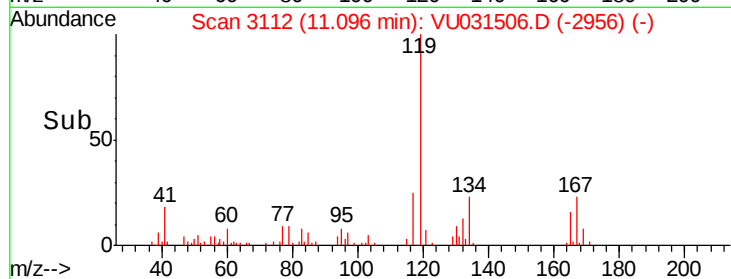
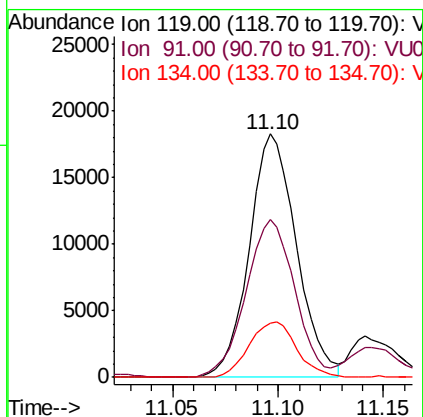
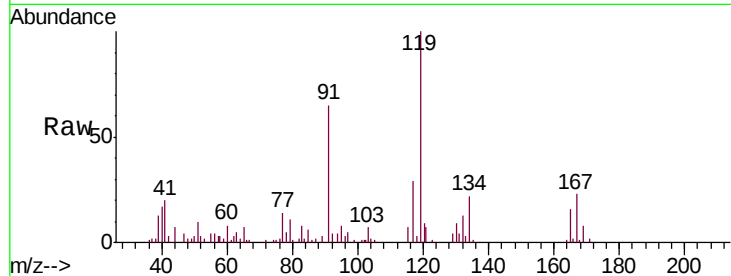




#77
 tert-Butylbenzene
 Concen: 0.373 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

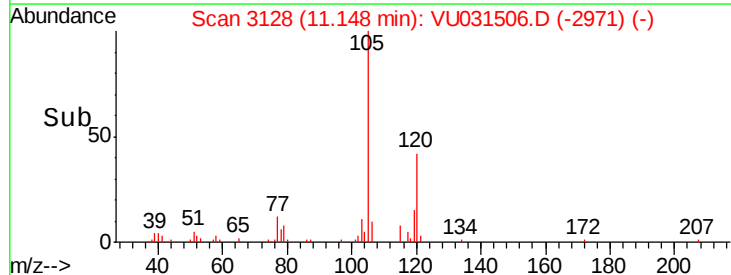
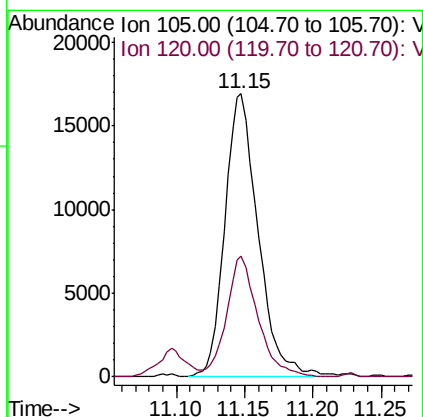
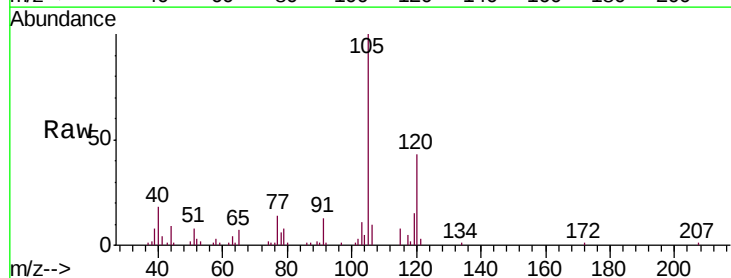
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

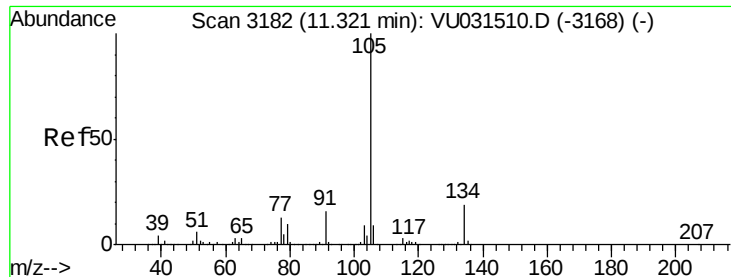
Tgt Ion:119 Resp: 28513
 Ion Ratio Lower Upper
 119 100
 91 66.6 31.4 94.2
 134 22.9 17.4 26.2



#78
 1,2,4-Trimethylbenzene
 Concen: 0.527 ug/l
 RT: 11.15 min Scan# 3128
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion:105 Resp: 28774
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.6 65.0

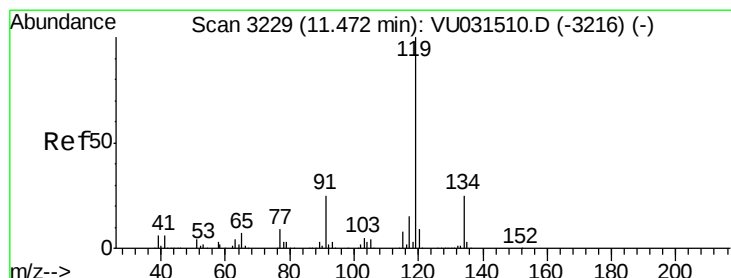
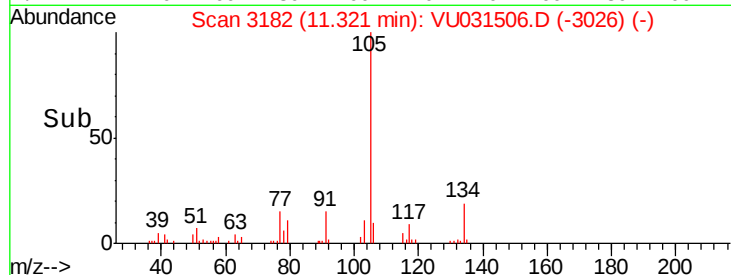
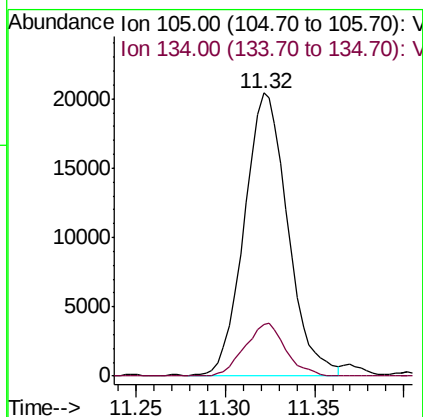
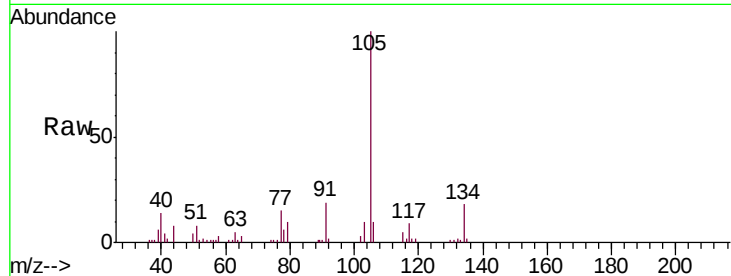




#79
 sec-Butylbenzene
 Concen: 0.471 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

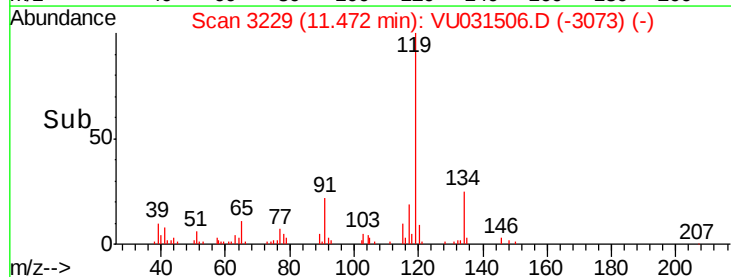
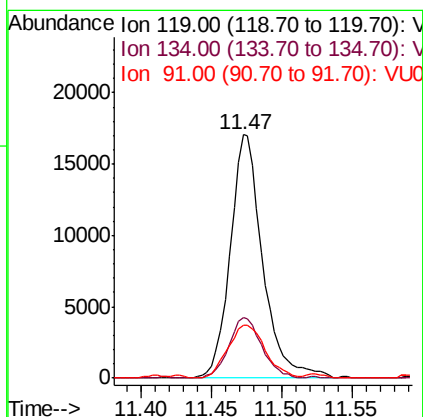
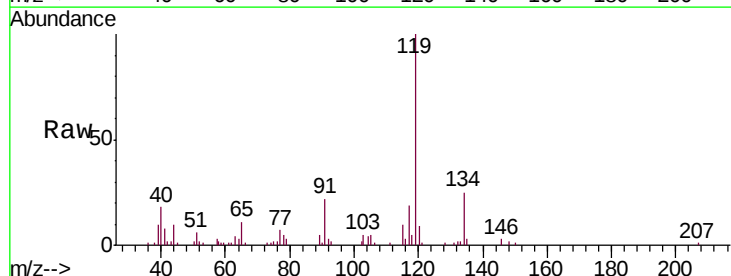
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

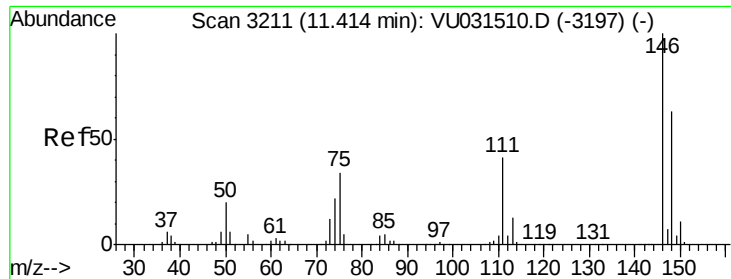
Tgt Ion:105 Resp: 34985
 Ion Ratio Lower Upper
 105 100
 134 17.4 15.0 22.6



#81
 p-Isopropyltoluene
 Concen: 0.558 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion:119 Resp: 27455
 Ion Ratio Lower Upper
 119 100
 134 24.9 20.3 30.5
 91 25.1 20.3 30.5





#82

1,3-Dichlorobenzene

Concen: 0.426 ug/l

RT: 11.42 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

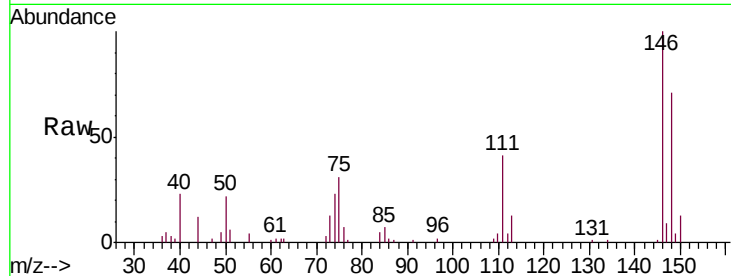
Tgt Ion:146 Resp: 20454

Ion Ratio Lower Upper

146 100

111 40.6 33.4 50.0

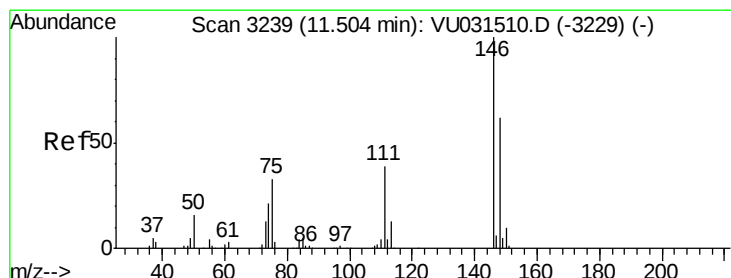
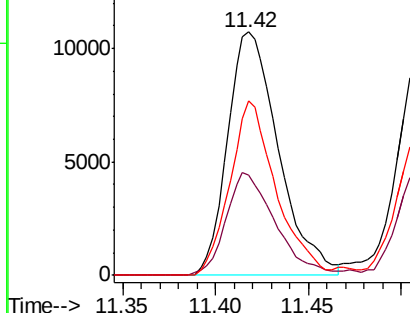
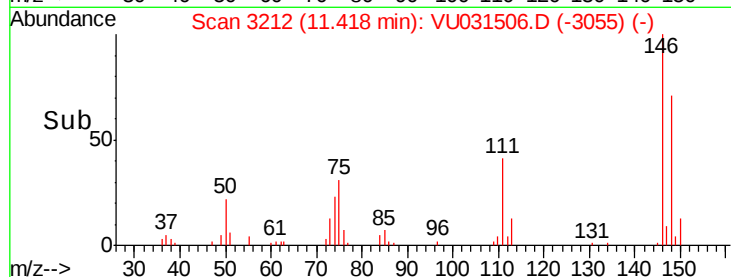
148 64.8 50.2 75.4



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: 0.367 ug/l

RT: 11.51 min Scan# 3240

Delta R.T. 0.00 min

Lab File: VU031506.D

Acq: 25 Apr 2019 17:35

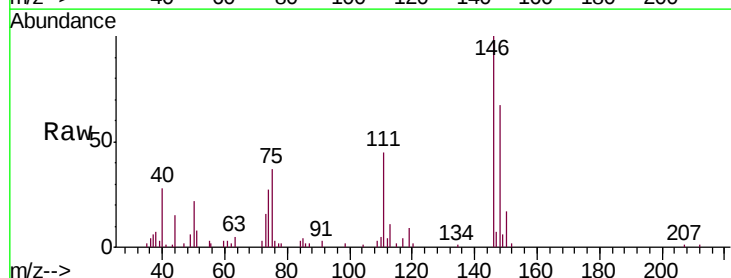
Tgt Ion:146 Resp: 16832

Ion Ratio Lower Upper

146 100

111 44.9 32.2 48.4

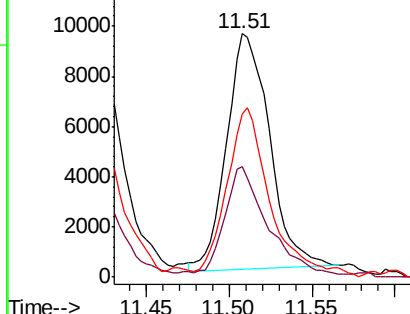
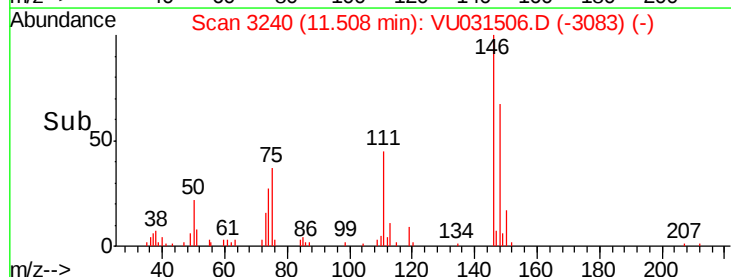
148 73.3 51.2 76.8

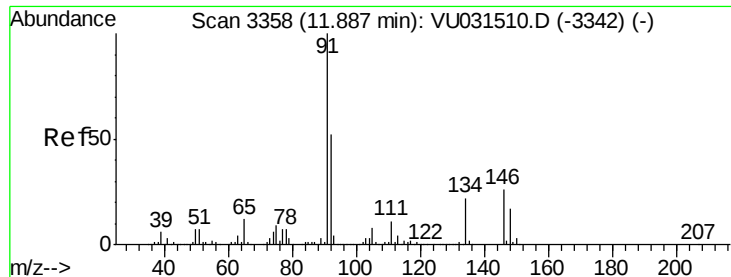


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

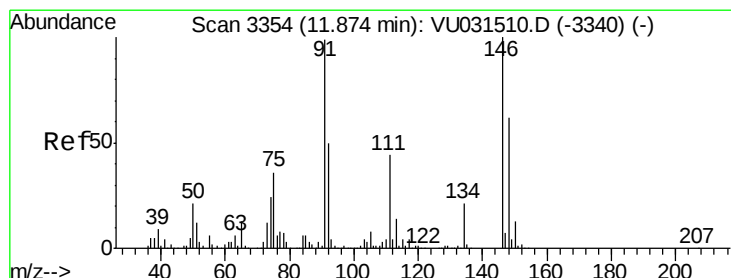
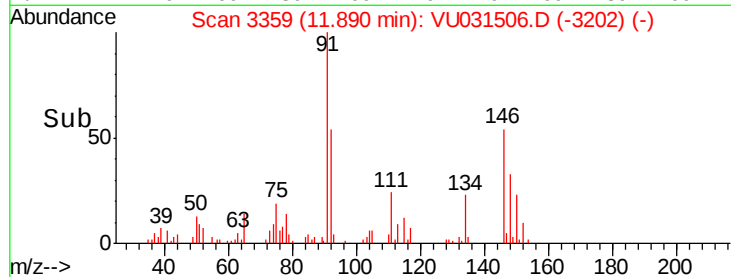
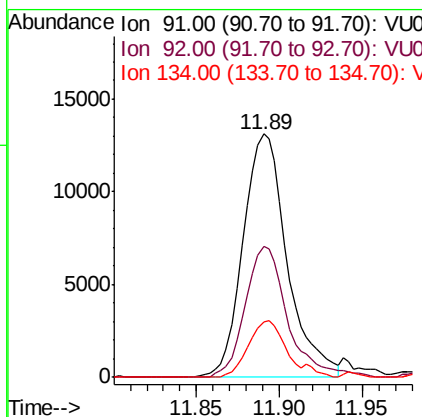
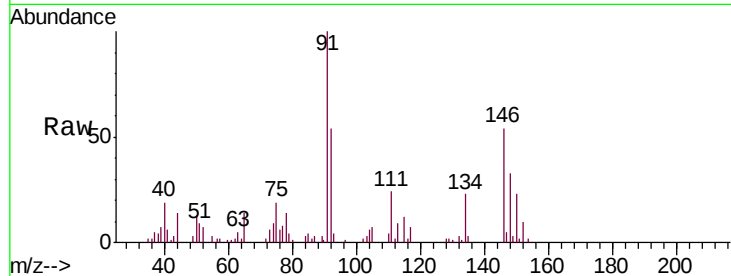




#84
n-Butylbenzene
Concen: 0.605 ug/l
RT: 11.89 min Scan# 3359
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

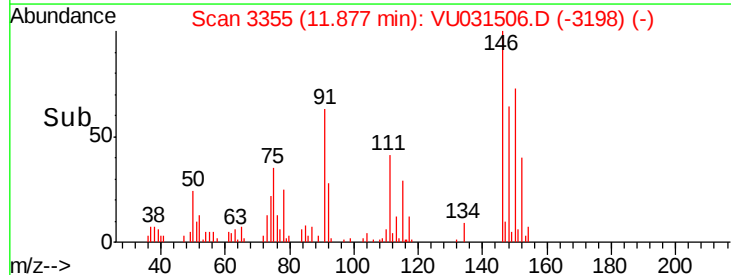
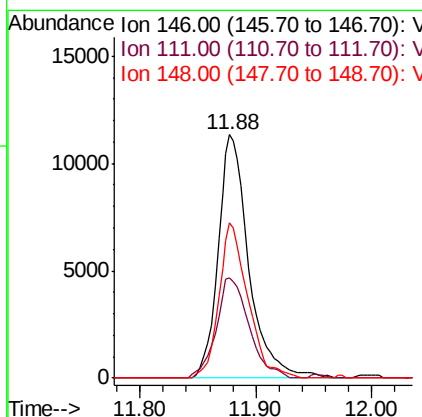
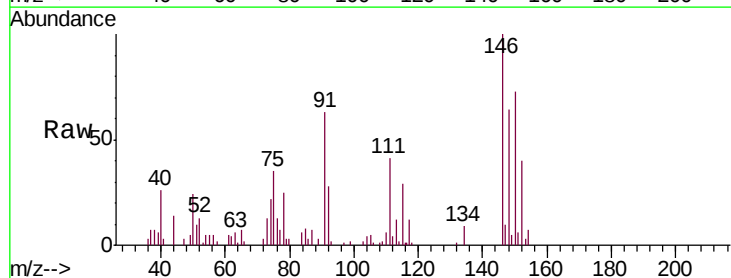
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

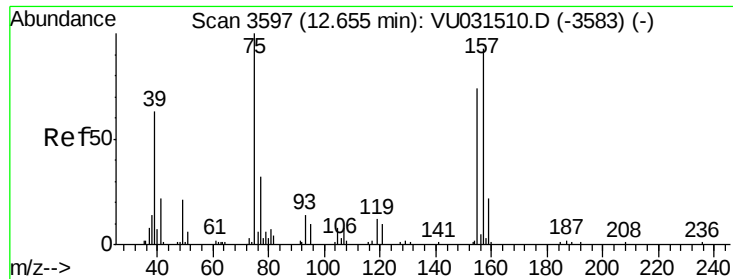
Tgt Ion: 91 Resp: 24299
Ion Ratio Lower Upper
91 100
92 51.8 41.2 61.8
134 20.5 18.1 27.1



#85
1,2-Dichlorobenzene
Concen: 0.463 ug/l
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 146 Resp: 20917
Ion Ratio Lower Upper
146 100
111 44.2 21.7 65.1
148 59.9 31.6 94.7

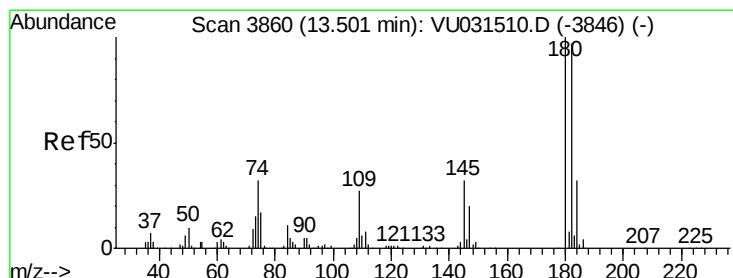
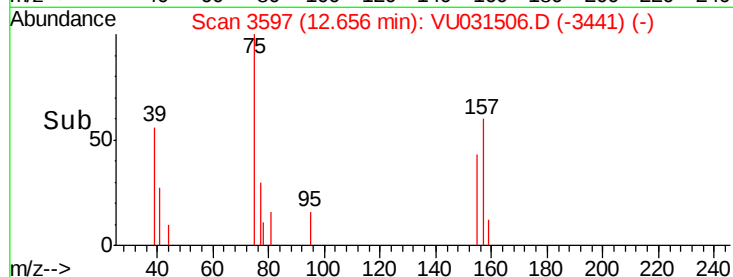
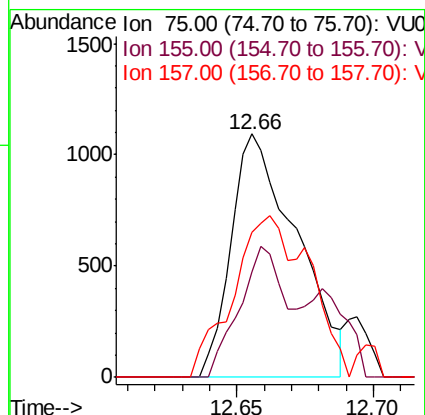
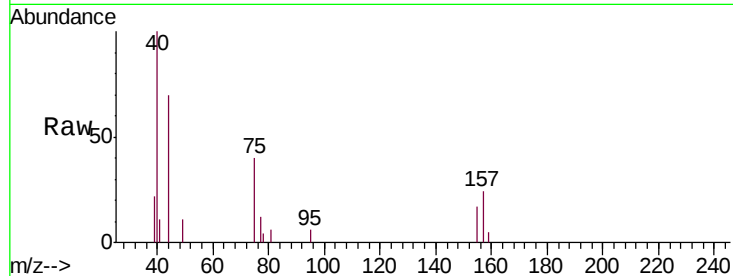




#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.510 ug/l
 RT: 12.66 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

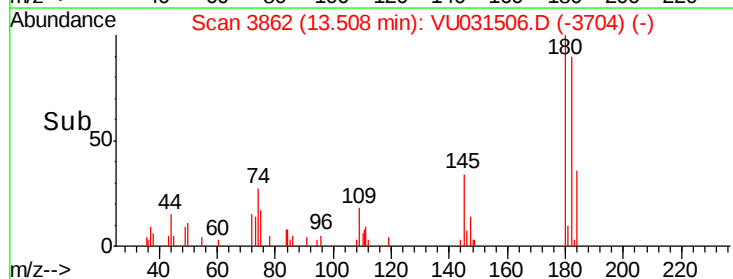
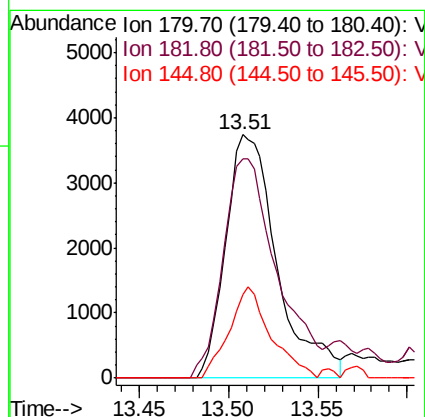
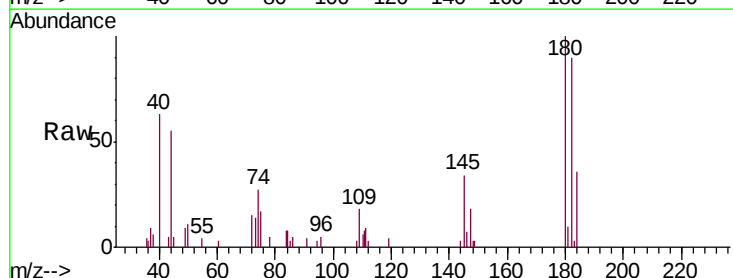
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

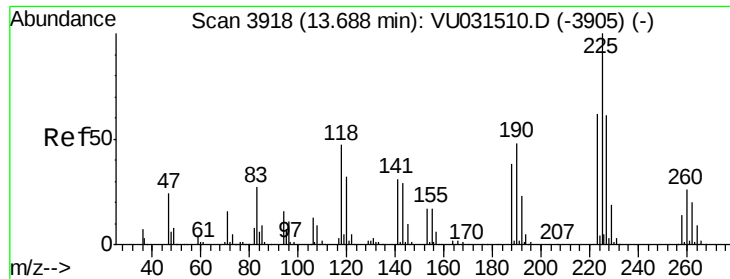
Tgt Ion: 75 Resp: 1836
 Ion Ratio Lower Upper
 75 100
 155 37.5 58.5 87.7#
 157 76.5 75.0 112.4



#87
 1,2,4-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.51 min Scan# 3862
 Delta R.T. 0.01 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Tgt Ion: 180 Resp: 7503
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.5 113.3
 145 30.2 23.9 35.9

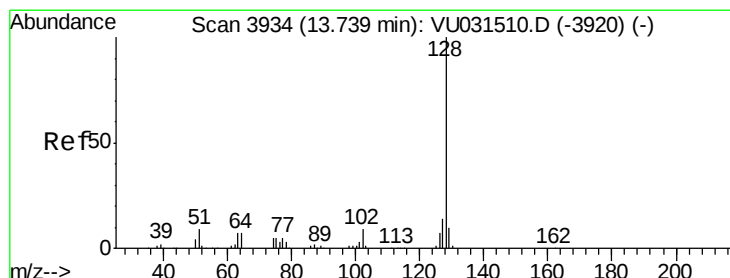
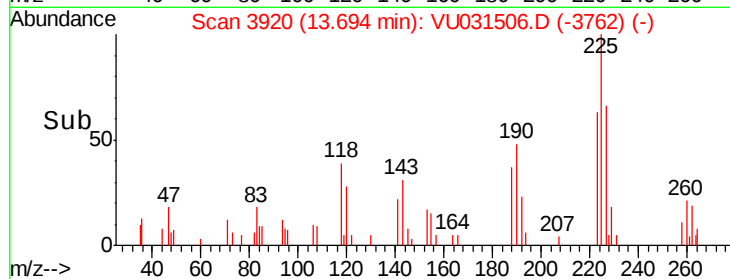
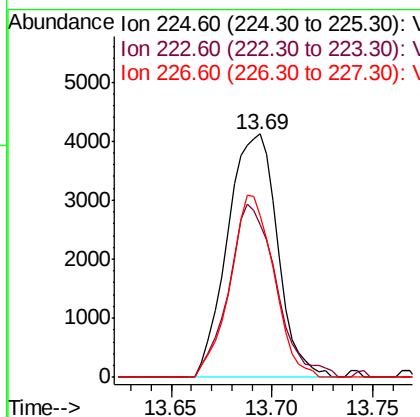
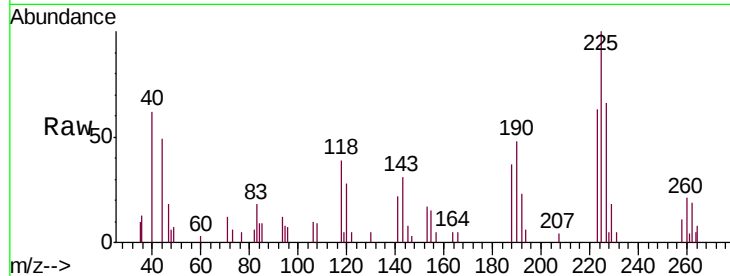




#88
Hexachlorobutadiene
Concen: 0.421 ug/l
RT: 13.69 min Scan# 3920
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

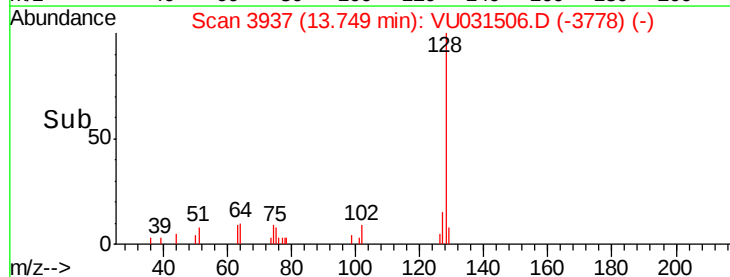
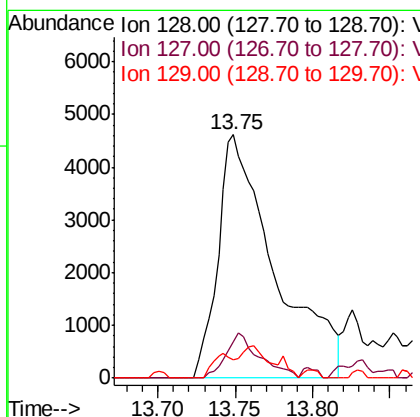
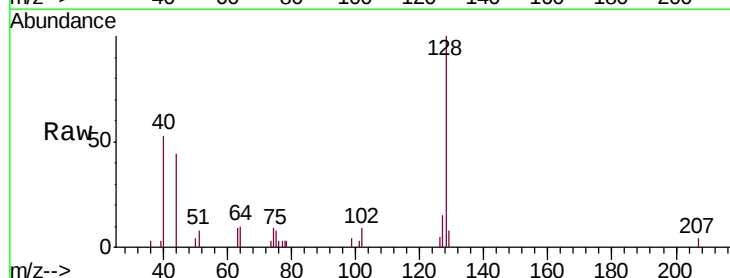
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

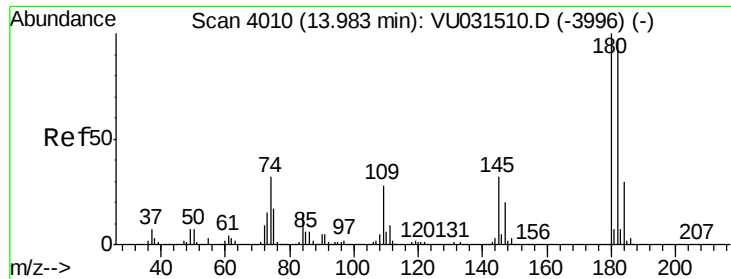
Tgt Ion: 225 Resp: 7133
Ion Ratio Lower Upper
225 100
223 67.9 50.2 75.4
227 65.6 50.4 75.6



#89
Naphthalene
Concen: 0.830 ug/l
RT: 13.75 min Scan# 3937
Delta R.T. 0.01 min
Lab File: VU031506.D
Acq: 25 Apr 2019 17:35

Tgt Ion: 128 Resp: 11743
Ion Ratio Lower Upper
128 100
127 10.9 10.8 16.2
129 3.5 8.2 12.2#





#90
 1,2,3-Trichlorobenzene
 Concen: 0.587 ug/l
 RT: 13.99 min Scan# 4013
 Delta R.T. 0.01 min
 Lab File: VU031506.D
 Acq: 25 Apr 2019 17:35

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 8750
 Ion Ratio Lower Upper
 180 100
 182 94.2 77.1 115.7
 145 28.0 25.9 38.9

