

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
 Data File : VU027749.D
 Acq On : 22 Oct 2018 19:09
 Operator : MD/SY
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 23 04:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 04:01:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.75	96	13338	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.31	95	5058	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	4681	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	26478	4.706 ug/l	100
3) Chloromethane	1.33	50	27872	4.611 ug/l	100
4) Vinyl Chloride	1.40	62	26147	4.628 ug/l	100
5) Bromomethane	1.63	94	13783	5.090 ug/l	99
6) Chloroethane	1.70	64	13612	4.037 ug/l	92
7) Trichlorofluoromethane	1.89	101	32730	4.929 ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16891	4.605 ug/l	97
9) 1,1-Dichloroethene	2.29	96	14999	4.580 ug/l	99
10) Iodomethane	2.41	142	21834	4.955 ug/l	98
11) Allyl Chloride	2.59	41	34808	4.528 ug/l	100
12) Acrylonitrile	2.95	53	8655	8.305 ug/l	97
13) Acetone	2.34	43	17884	22.796 ug/l	96
14) Carbon Disulfide	2.48	76	55475	4.672 ug/l	99
15) Methylene Chloride	2.70	84	17863	4.467 ug/l	98
16) trans-1,2-Dichloroethene	2.98	96	16948	4.613 ug/l	94
17) 1,1-Dichloroethane	3.45	63	36625	4.776 ug/l	99
18) 2-Butanone	4.30	43	33894	24.035 ug/l	98
19) Cyclohexane	4.99	56	33293	4.745 ug/l	98
20) Methylcyclohexane	6.41	83	34181	4.986 ug/l	99
21) 2,2-Dichloropropane	4.23	77	31485	4.633 ug/l	98
22) cis-1,2-Dichloroethene	4.23	96	19865	4.763 ug/l	97
23) Diethyl Ether	2.11	59	14383	4.658 ug/l	97
24) tert-Butyl Alcohol	2.89	59	15940	53.917 ug/l #	80
25) Methyl tert-Butyl Ether	3.01	73	48278	4.657 ug/l	100
26) Bromochloromethane	4.55	128	8386	4.967 ug/l	96
27) Chloroform	4.68	83	35699	4.719 ug/l	97
28) 1,1,1-Trichloroethane	4.92	97	32258	4.941 ug/l	99
29) 1,1-Dichloropropene	5.14	75	28303	4.921 ug/l	99
30) Carbon Tetrachloride	5.13	117	28418	4.885 ug/l	96
31) Isopropyl Ether	3.58	45	66066	4.586 ug/l	98
32) Ethyl-t-butyl ether	4.08	59	59501	4.681 ug/l	99
33) Tert-Amyl methyl ether	5.59	73	50382	4.718 ug/l	99
34) Propionitrile	4.36	54	8909	23.520 ug/l #	92
35) Benzene	5.39	78	78776	4.868 ug/l	99
36) 1,2-Dichloroethane	5.41	62	26068	5.053 ug/l	100
37) Trichloroethene	6.19	130	19410	4.869 ug/l	97
38) 1,2-Dichloropropane	6.44	63	22449	4.918 ug/l	100
39) Methacrylonitrile	4.56	41	9075	4.863 ug/l	97
40) Methyl acrylate	4.44	55	11900	4.700 ug/l	99
41) Tetrahydrofuran	4.67	42	9296	9.274 ug/l	97
42) 1-Chlorobutane	5.07	56	44001	4.888 ug/l	97

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 Data File : VU027749.D
 Acq On : 22 Oct 2018 19:09
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 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 23 04:05:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Oct 23 04:01:57 2018
 Response via : Initial Calibration

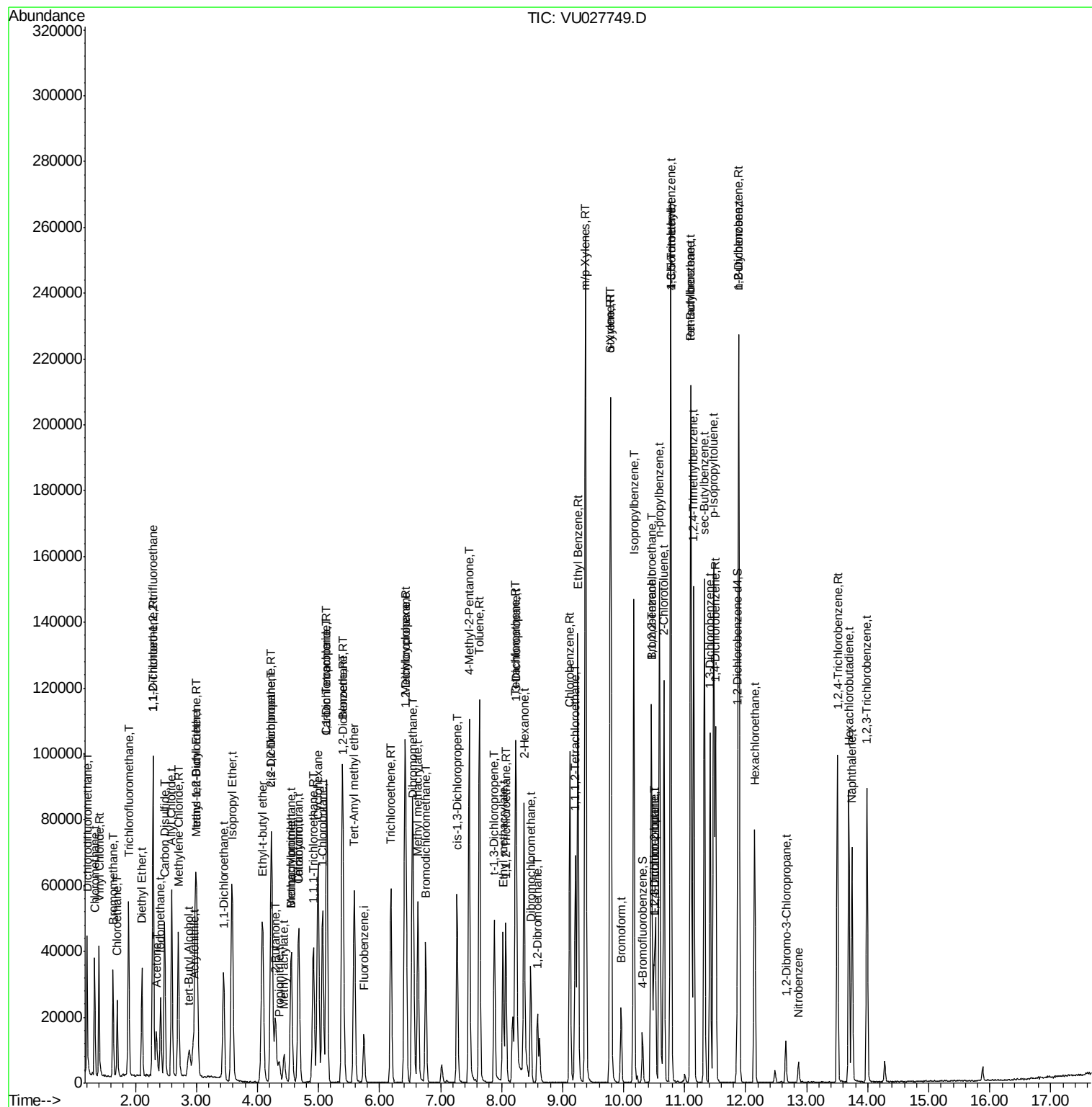
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	10264	5.047	ug/l	97
44) Bromodichloromethane	6.76	83	27550	5.044	ug/l	99
45) 4-Methyl-2-Pentanone	7.47	43	81428	23.663	ug/l	100
46) t-1,4-Dichloro-2-butene	10.50	75	11301	8.882	ug/l	95
47) Methyl methacrylate	6.63	69	22038	9.800	ug/l	97
48) Ethyl methacrylate	8.02	69	22707	4.717	ug/l	98
49) Toluene	7.64	92	47364	4.837	ug/l	100
50) t-1,3-Dichloropropene	7.88	75	27409	4.939	ug/l	97
51) cis-1,3-Dichloropropene	7.27	75	32334	4.912	ug/l	96
52) 1,1,2-Trichloroethane	8.07	97	14198	4.939	ug/l	96
53) 1,3-Dichloropropane	8.24	76	26037	4.901	ug/l	98
54) 2-Hexanone	8.37	43	58610	23.119	ug/l	99
55) Dibromochloromethane	8.48	129	17640	5.040	ug/l	100
56) 1,2-Dibromoethane	8.59	107	13606	5.013	ug/l	100
58) Tetrachloroethene	8.23	164	18629	5.165	ug/l	94
59) Chlorobenzene	9.12	112	49289	4.803	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.21	131	18387	4.941	ug/l	99
61) Pentachloroethane	11.10	117	14210	4.934	ug/l	99
62) Hexachloroethane	12.15	117	15257	4.917	ug/l	99
63) Ethyl Benzene	9.25	91	96268	5.074	ug/l	99
64) m/p-Xylenes	9.38	106	68870	9.928	ug/l	99
65) o-Xylene	9.78	106	33202	4.795	ug/l	99
66) Styrene	9.79	104	56380	4.920	ug/l	100
67) Bromoform	9.96	173	9931	4.892	ug/l	99
69) Isopropylbenzene	10.17	105	91404	4.931	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.46	83	17900	4.797	ug/l	96
71) 1,2,3-Trichloropropane	10.50	75	11301	3.899	ug/l #	86
72) Bromobenzene	10.45	156	20699	4.996	ug/l	97
73) n-propylbenzene	10.59	120	24193	5.092	ug/l	99
74) 2-Chlorotoluene	10.66	126	20637	4.866	ug/l	96
75) 1,3,5-Trimethylbenzene	10.77	105	78212	5.057	ug/l	98
76) 4-Chlorotoluene	10.77	126	20788	5.090	ug/l	98
77) tert-Butylbenzene	11.10	119	75954	4.952	ug/l	98
78) 1,2,4-Trimethylbenzene	11.15	105	80279	5.035	ug/l	100
79) sec-Butylbenzene	11.32	105	100562	5.123	ug/l	100
80) Nitrobenzene	12.86	77	3454	19.921	ug/l #	97
81) p-Isopropyltoluene	11.48	119	83283	5.205	ug/l	99
82) 1,3-Dichlorobenzene	11.42	146	40584	5.095	ug/l	100
83) 1,4-Dichlorobenzene	11.51	146	40851	5.194	ug/l	99
84) n-Butylbenzene	11.89	91	82044	5.433	ug/l	99
85) 1,2-Dichlorobenzene	11.88	146	38019	5.008	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	3442	5.216	ug/l	96
87) 1,2,4-Trichlorobenzene	13.50	180	30021	5.392	ug/l	97
88) Hexachlorobutadiene	13.69	225	17383	5.244	ug/l	99
89) Naphthalene	13.74	128	54225	4.928	ug/l	99
90) 1,2,3-Trichlorobenzene	13.99	180	27319	5.311	ug/l	97

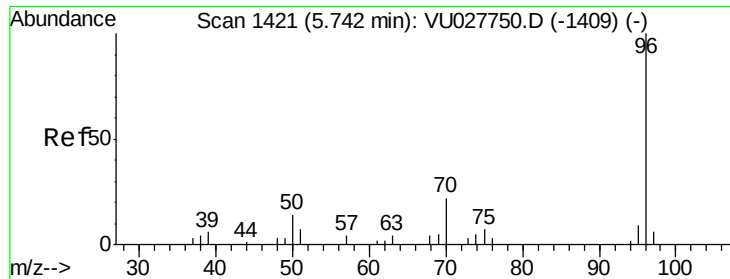
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU102318\
Data File : VU027749.D
Acq On : 22 Oct 2018 19:09
Operator : MD/SY
Sample : VSTDIC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Quant Time: Oct 23 04:05:41 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\524U0102318DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Oct 23 04:01:57 2018
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.75 min Scan# 1422

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 96 Resp: 13338

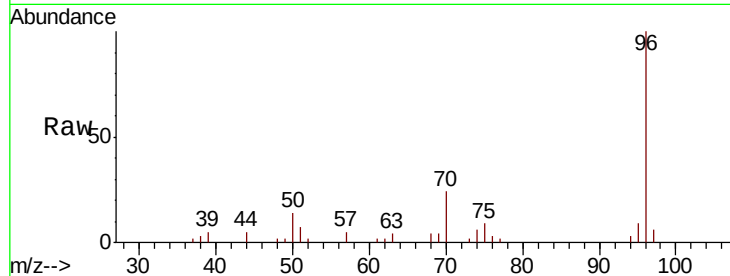
Ion Ratio Lower Upper

96 100

70 22.9 17.7 26.5

95 9.7 7.0 10.6

97 5.6 0.0 0.0#

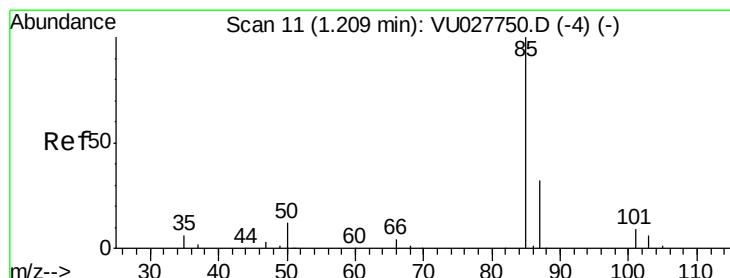
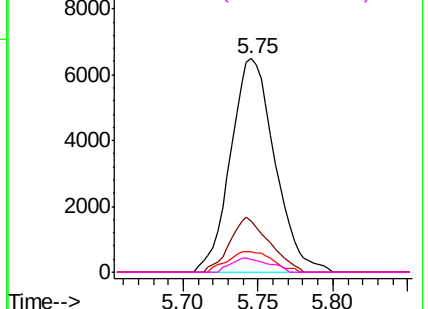
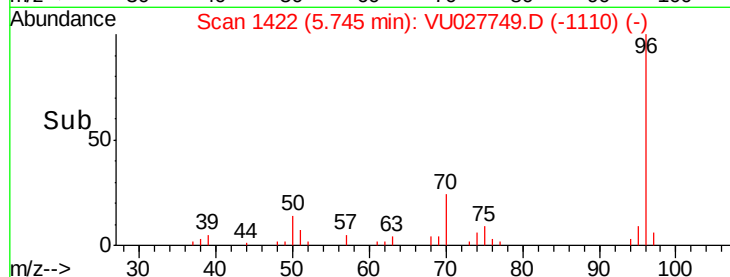


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 4.706 ug/l

RT: 1.21 min Scan# 11

Delta R.T. 0.00 min

Lab File: VU027749.D

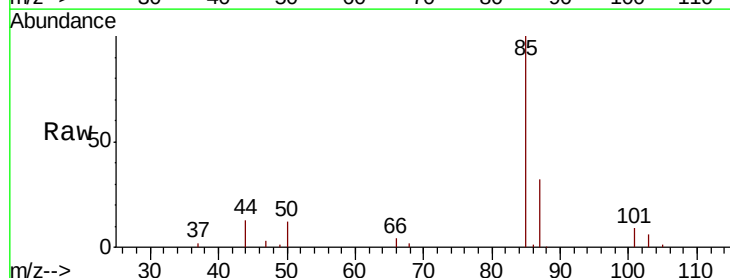
Acq: 22 Oct 2018 19:09

Tgt Ion: 85 Resp: 26478

Ion Ratio Lower Upper

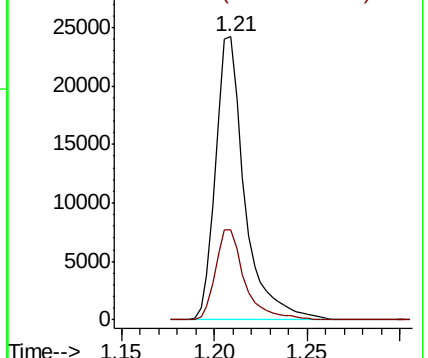
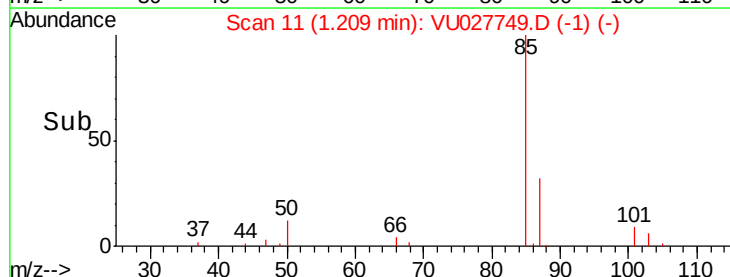
85 100

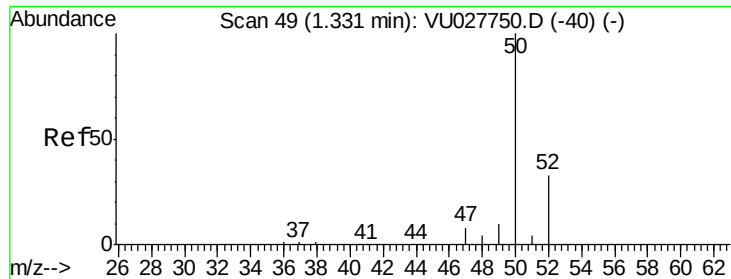
87 32.0 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 4.611 ug/l

RT: 1.33 min Scan# 49

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

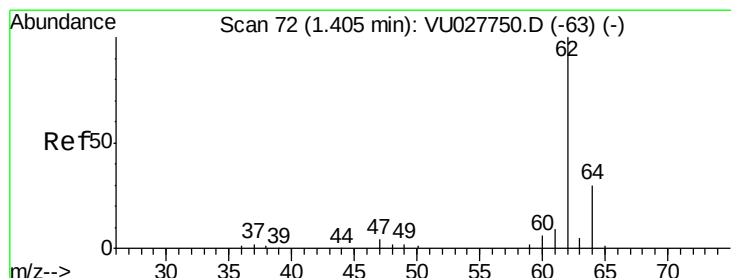
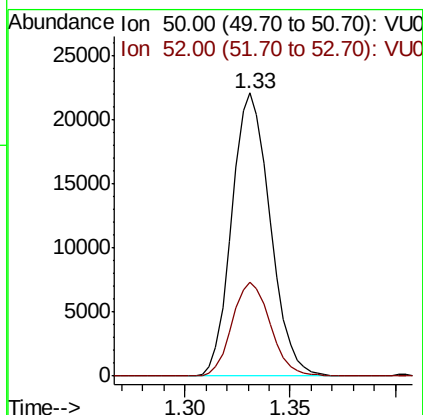
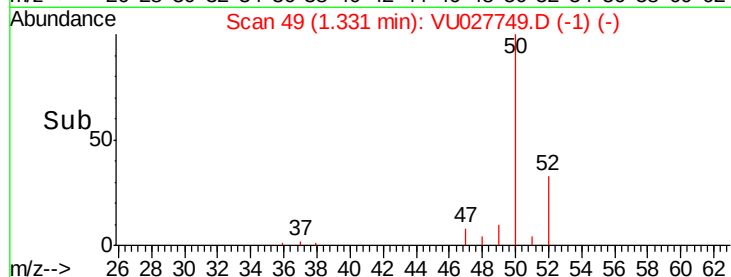
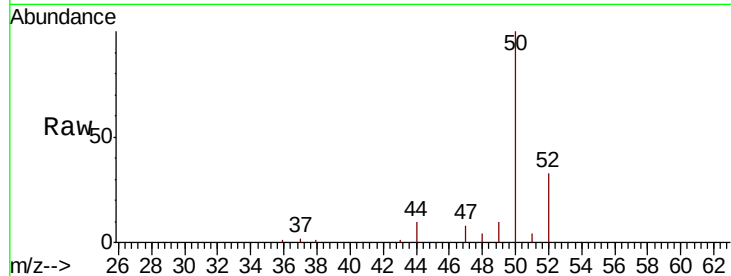
VSTDIC005

Tgt Ion: 50 Resp: 27872

Ion Ratio Lower Upper

50 100

52 33.2 26.6 40.0



#4

Vinyl Chloride

Concen: 4.628 ug/l

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027749.D

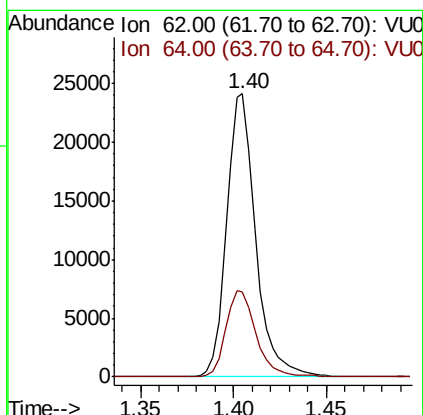
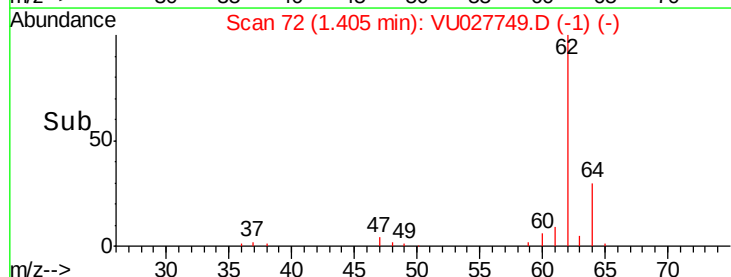
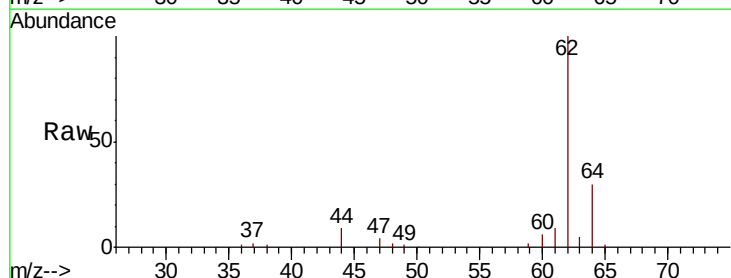
Acq: 22 Oct 2018 19:09

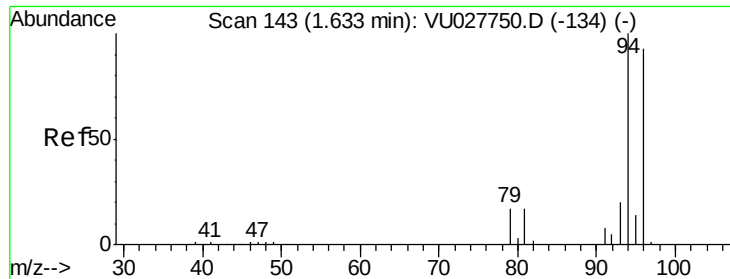
Tgt Ion: 62 Resp: 26147

Ion Ratio Lower Upper

62 100

64 30.1 24.3 36.5





#5

Bromomethane

Concen: 5.090 ug/l

RT: 1.63 min Scan# 143

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

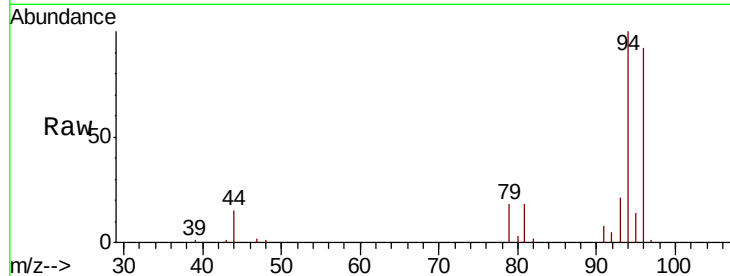
VSTDIC005

Tgt Ion: 94 Resp: 13783

Ion Ratio Lower Upper

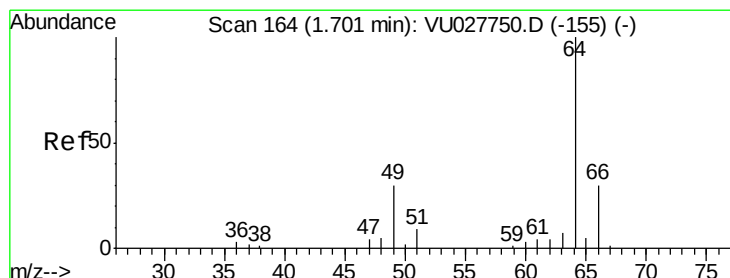
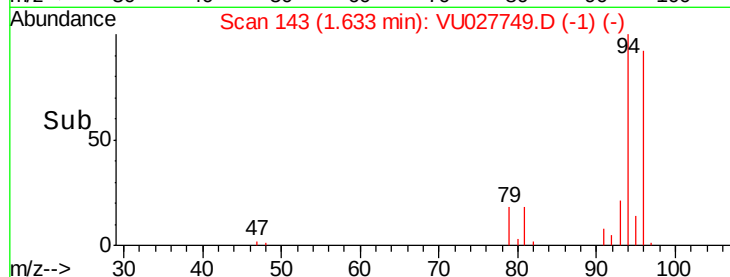
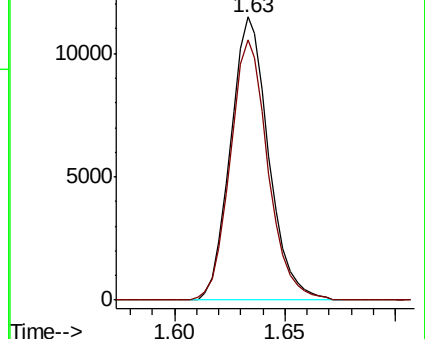
94 100

96 92.2 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 4.037 ug/l

RT: 1.70 min Scan# 164

Delta R.T. 0.00 min

Lab File: VU027749.D

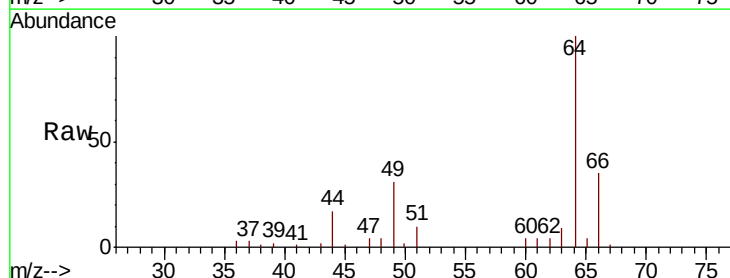
Acq: 22 Oct 2018 19:09

Tgt Ion: 64 Resp: 13612

Ion Ratio Lower Upper

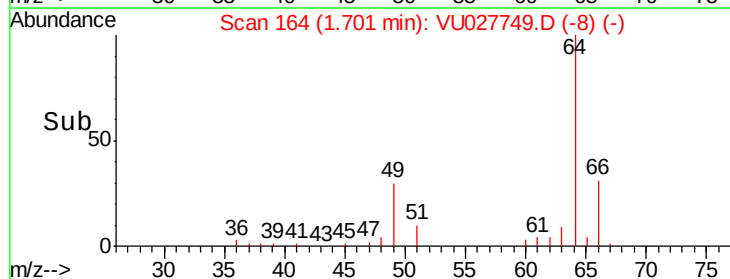
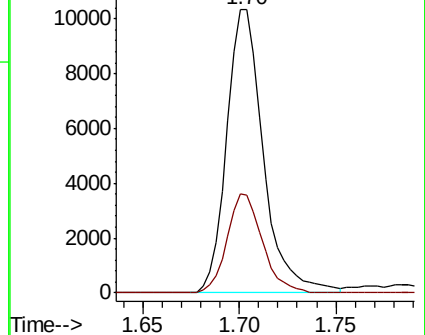
64 100

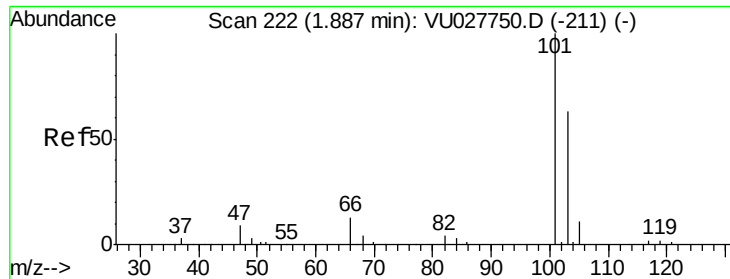
66 35.0 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0



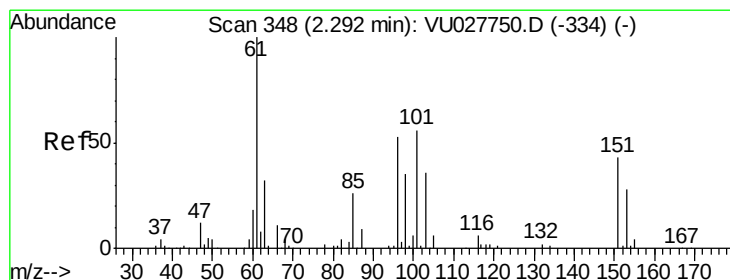
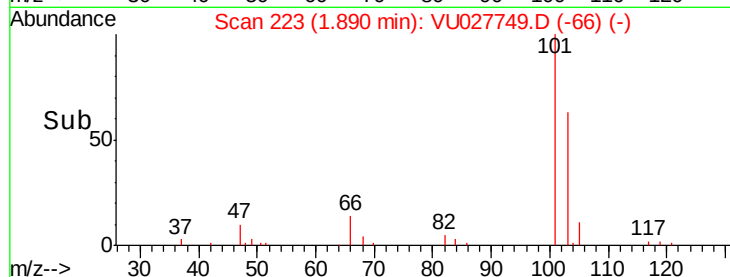
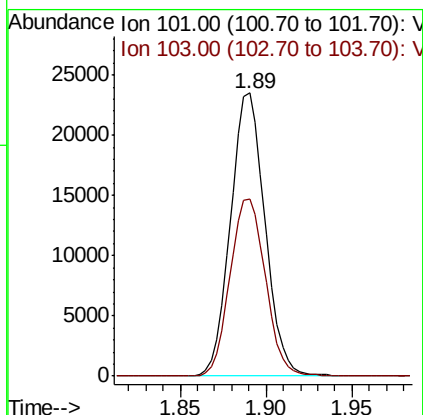
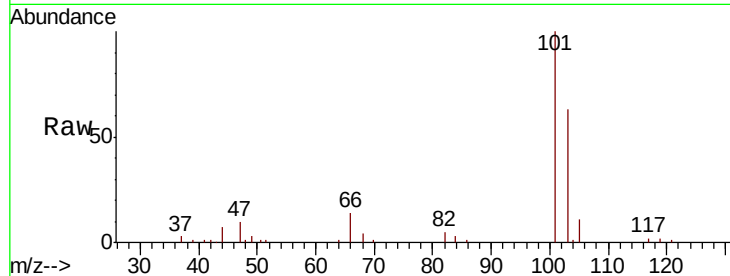


#7

Trichlorofluoromethane
 Concen: 4.929 ug/l
 RT: 1.89 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

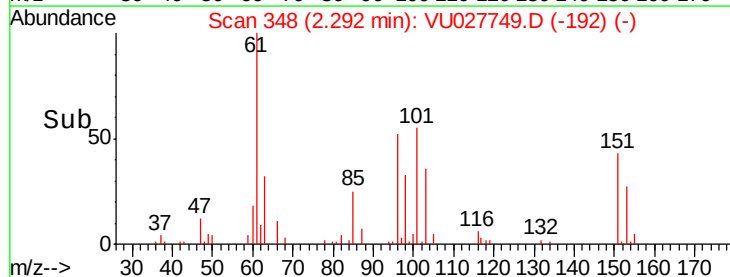
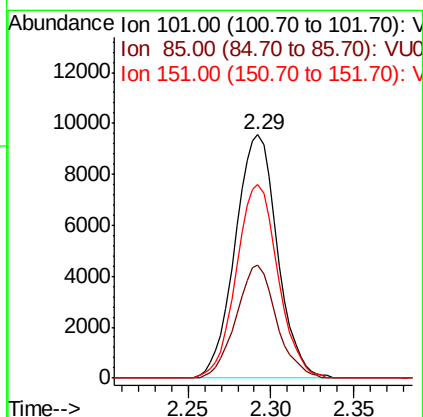
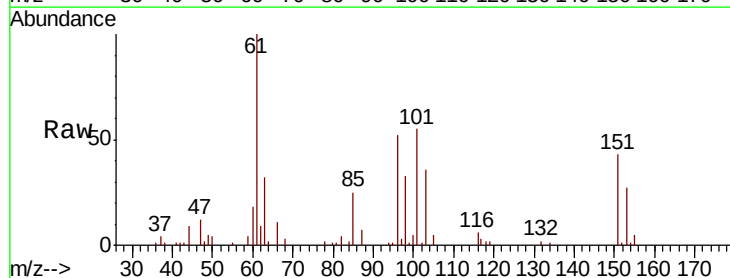
Tgt Ion:101 Resp: 32730
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.2 75.2

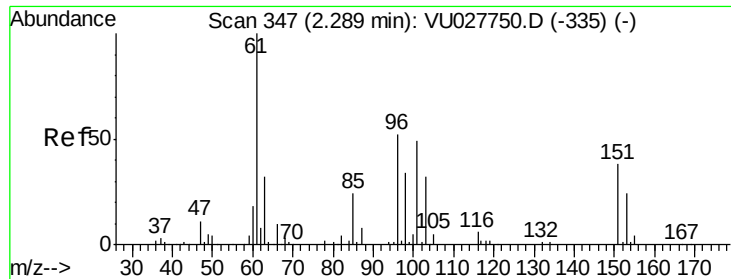


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.605 ug/l
 RT: 2.29 min Scan# 348
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:101 Resp: 16891
 Ion Ratio Lower Upper
 101 100
 85 44.3 38.2 57.2
 151 78.6 61.8 92.8





#9

1,1-Dichloroethene

Concen: 4.580 ug/l

RT: 2.29 min Scan# 347

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

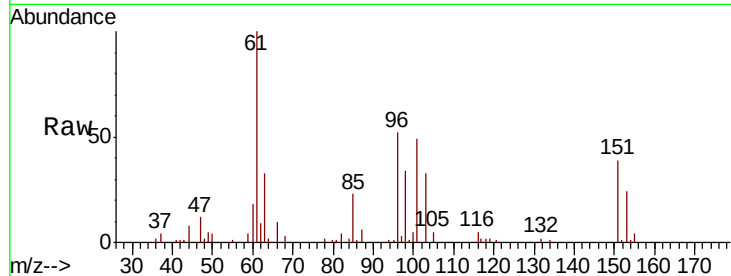
Tgt Ion: 96 Resp: 14999

Ion Ratio Lower Upper

96 100

61 191.5 0.0 581.4

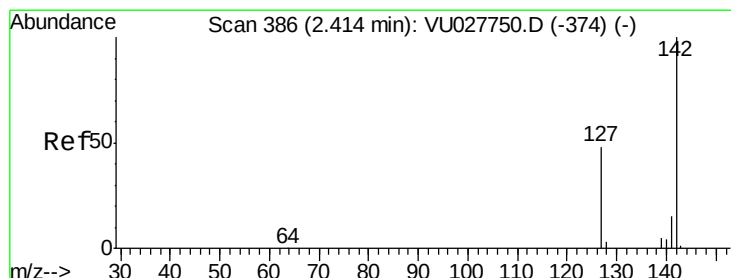
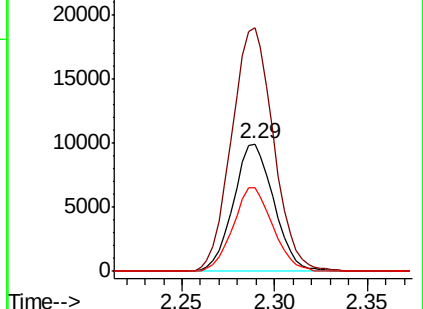
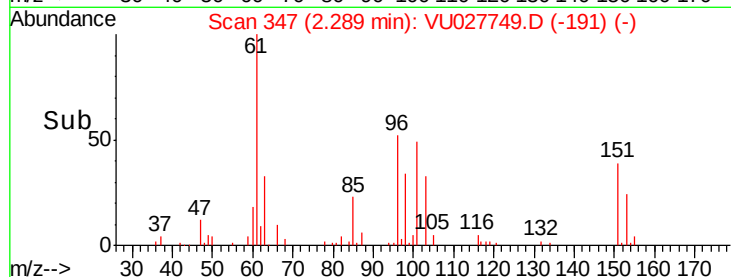
98 65.8 0.0 131.2



Abundance Ion 96.00 (95.70 to 96.70): VU027749.D (-191) (-)

Ion 61.00 (60.70 to 61.70): VU027749.D (-191) (-)

Ion 98.00 (97.70 to 98.70): VU027749.D (-191) (-)



#10

Iodomethane

Concen: 4.955 ug/l

RT: 2.41 min Scan# 386

Delta R.T. 0.00 min

Lab File: VU027749.D

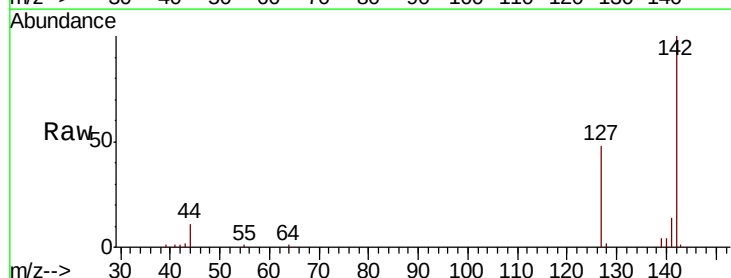
Acq: 22 Oct 2018 19:09

Tgt Ion: 142 Resp: 21834

Ion Ratio Lower Upper

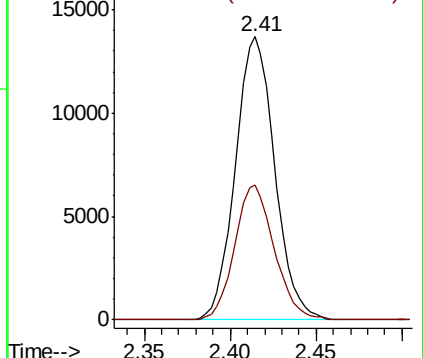
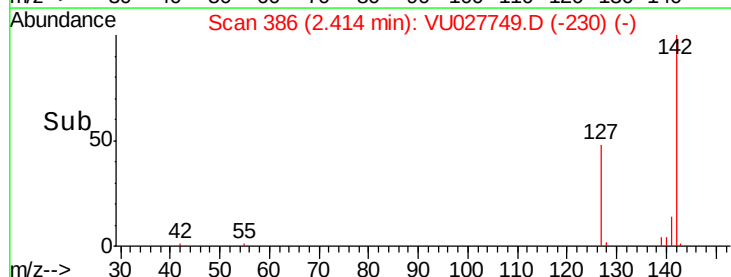
142 100

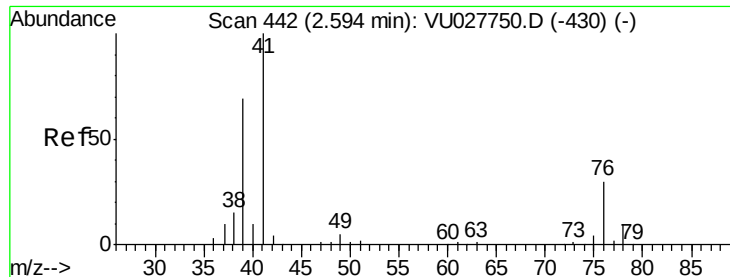
127 47.7 39.2 58.8



Abundance Ion 142.00 (141.70 to 142.70): VU027749.D (-230) (-)

Ion 127.00 (126.70 to 127.70): VU027749.D (-230) (-)

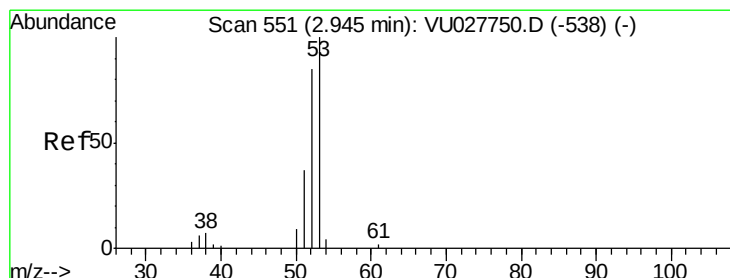
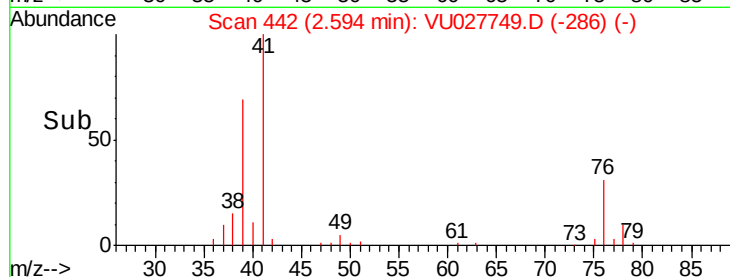
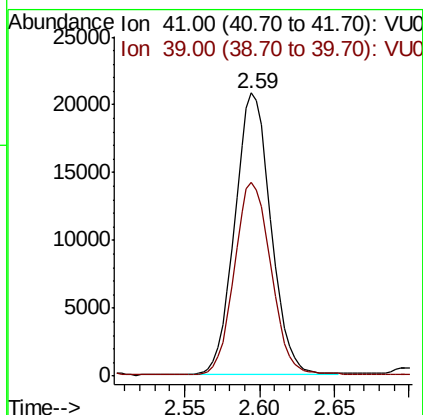
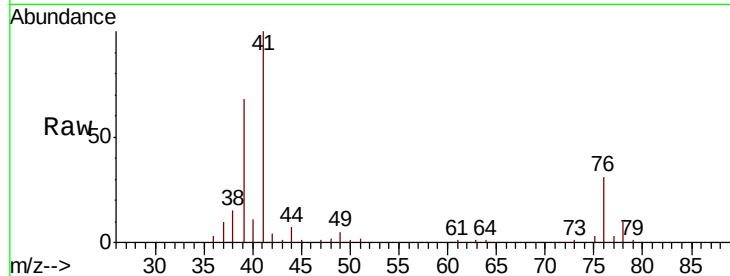




#11
 Allyl Chloride
 Concen: 4.528 ug/l
 RT: 2.59 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

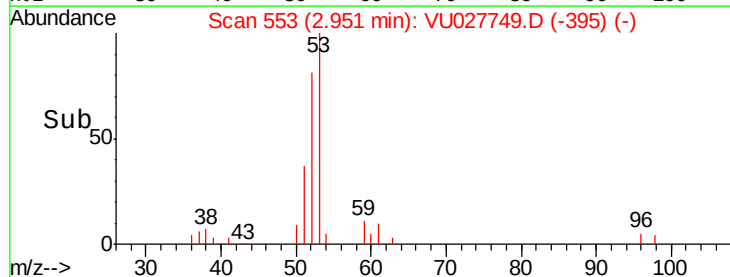
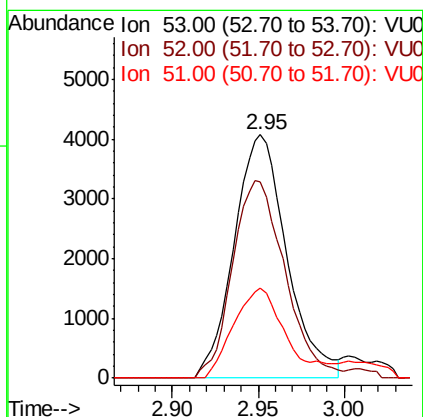
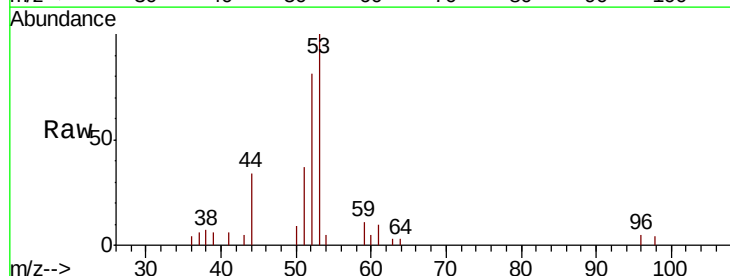
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

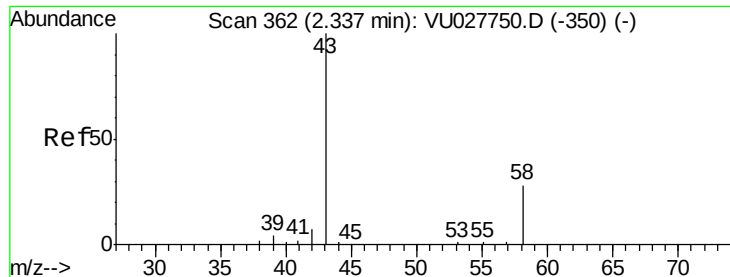
Tgt Ion: 41 Resp: 34808
 Ion Ratio Lower Upper
 41 100
 39 69.5 55.4 83.0



#12
 Acrylonitrile
 Concen: 8.305 ug/l
 RT: 2.95 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 53 Resp: 8655
 Ion Ratio Lower Upper
 53 100
 52 80.9 67.9 101.9
 51 37.0 30.0 45.0





#13

Acetone

Concen: 22.796 ug/l

RT: 2.34 min Scan# 364

Delta R.T. 0.01 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

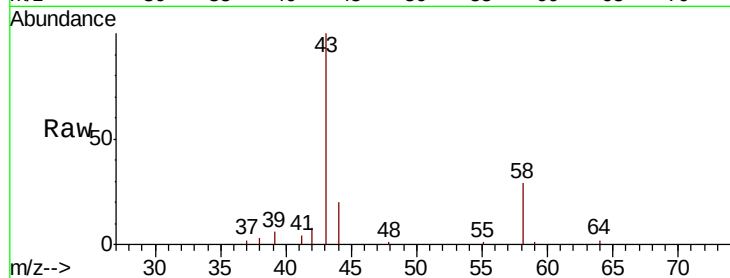
VSTDIC005

Tgt Ion: 43 Resp: 17884

Ion Ratio Lower Upper

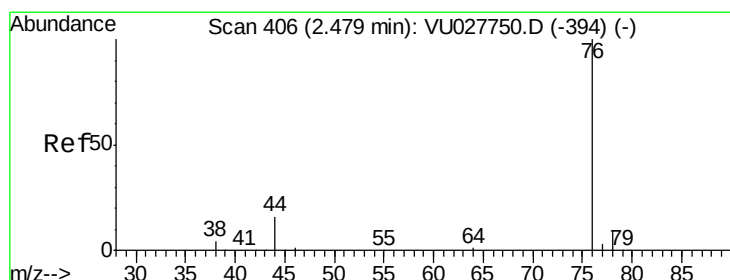
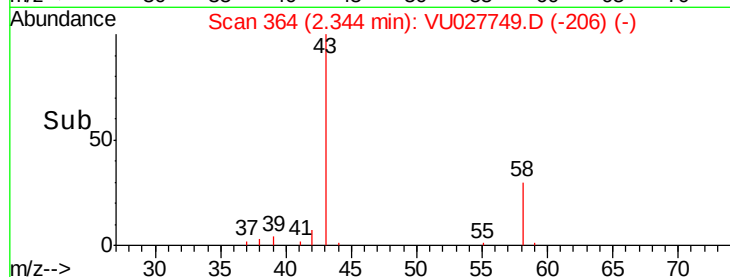
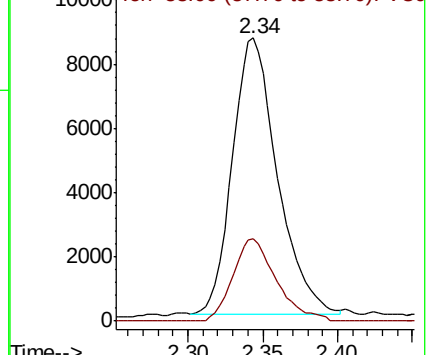
43 100

58 29.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon Disulfide

Concen: 4.672 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027749.D

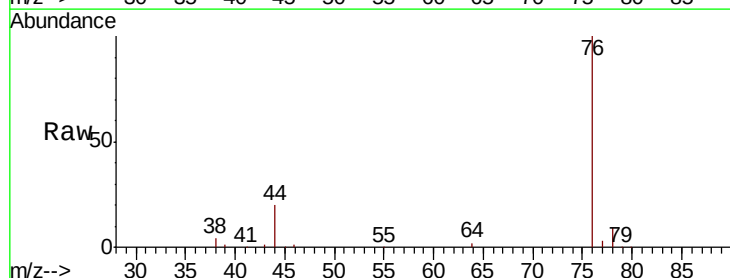
Acq: 22 Oct 2018 19:09

Tgt Ion: 76 Resp: 55475

Ion Ratio Lower Upper

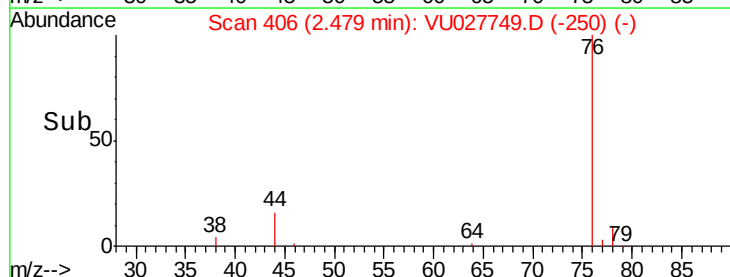
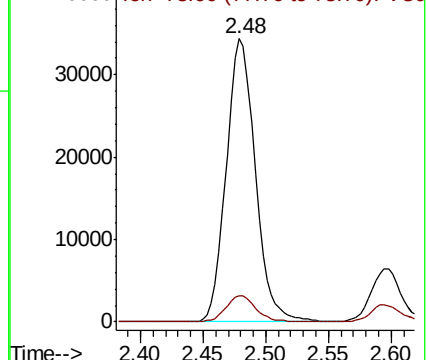
76 100

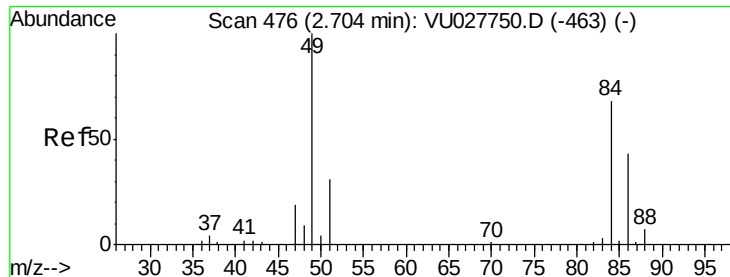
78 9.4 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

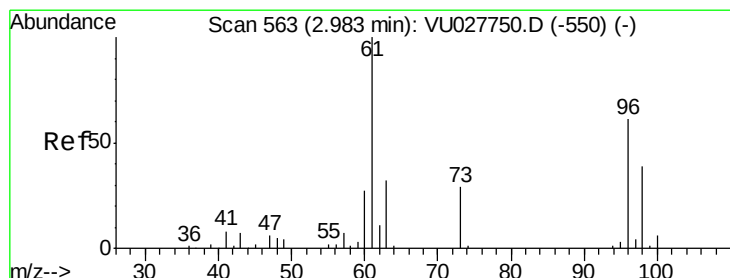
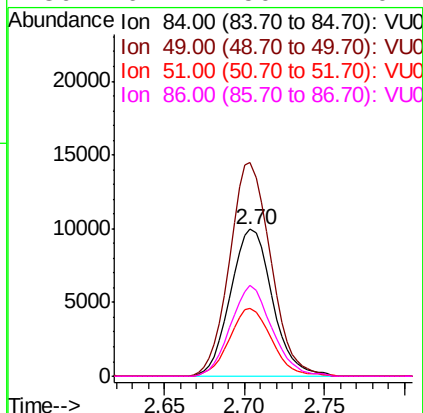
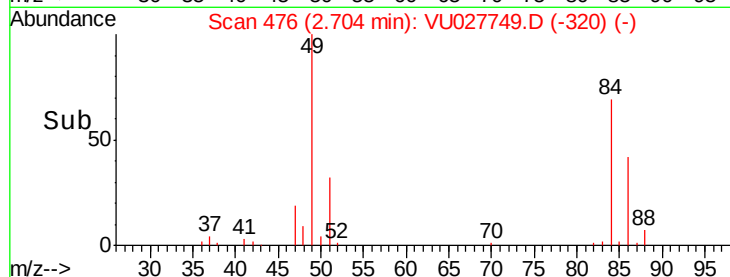
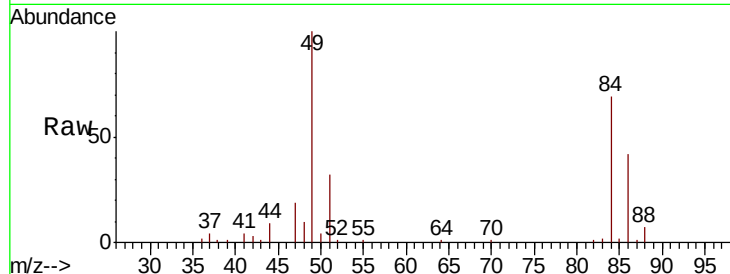




#15
Methylene Chloride
Concen: 4.467 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

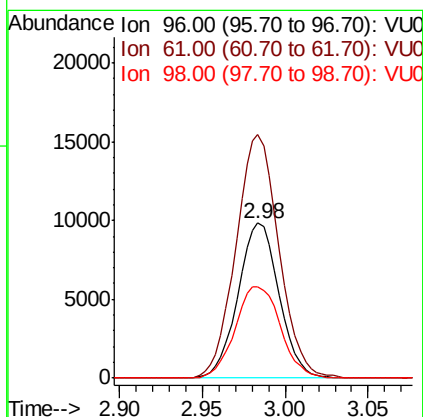
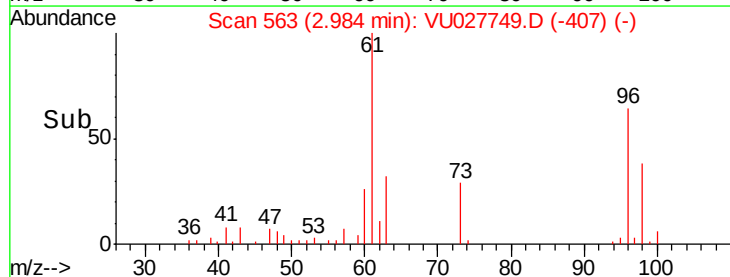
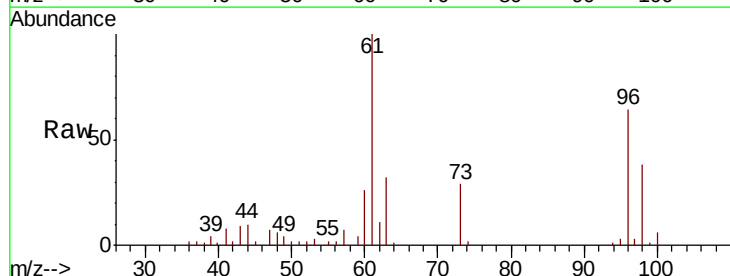
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

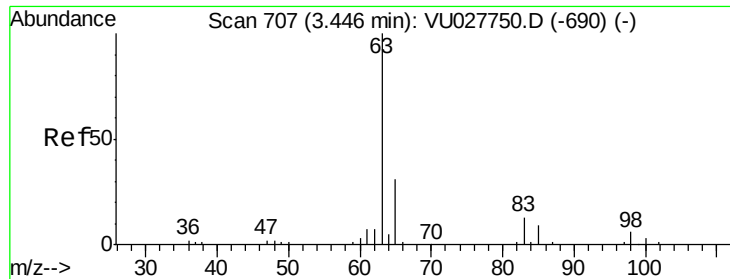
Tgt Ion: 84 Resp: 17863
Ion Ratio Lower Upper
84 100
49 145.3 118.5 177.7
51 46.2 0.0 91.0
86 61.4 50.7 76.1



#16
trans-1,2-Dichloroethene
Concen: 4.613 ug/l
RT: 2.98 min Scan# 563
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 96 Resp: 16948
Ion Ratio Lower Upper
96 100
61 156.9 131.8 197.6
98 58.9 51.2 76.8

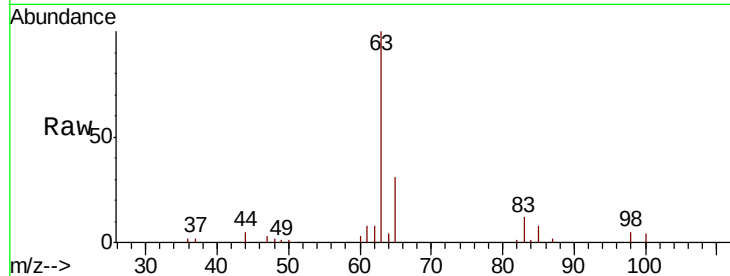




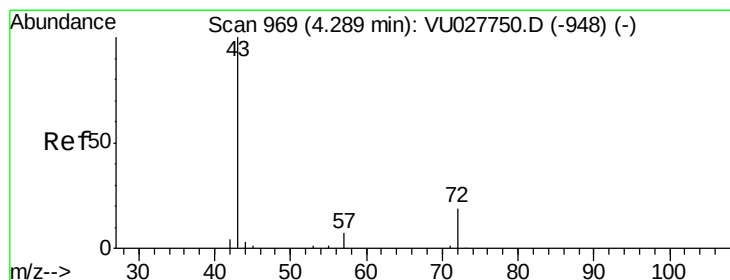
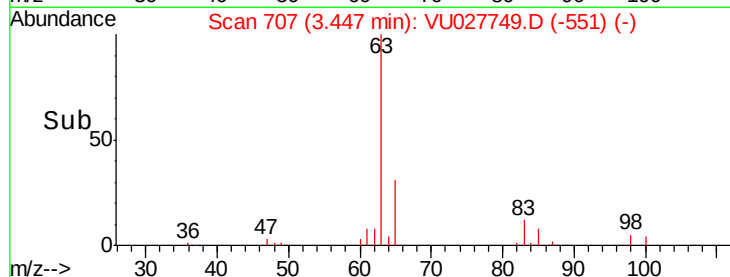
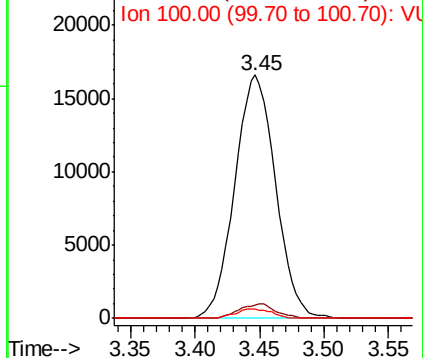
#17
 1,1-Dichloroethane
 Concen: 4.776 ug/l
 RT: 3.45 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	63	Resp:	36625
Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.8	8.4
100	3.7	1.5	4.5

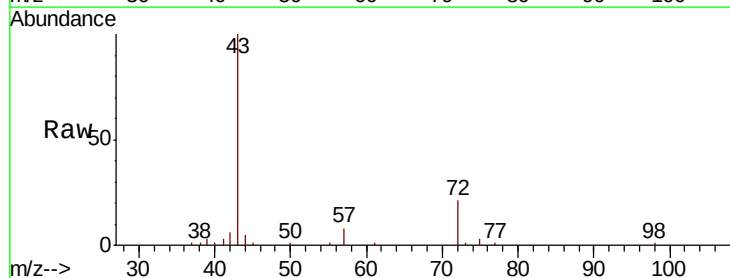


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

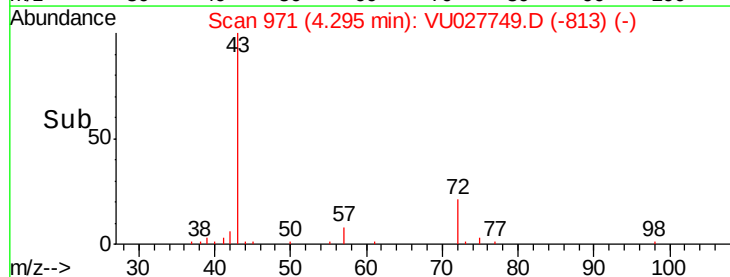
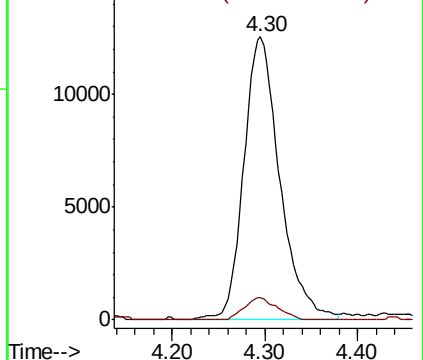


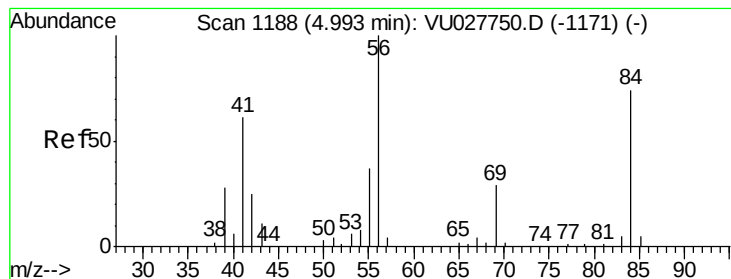
#18
 2-Butanone
 Concen: 24.035 ug/l
 RT: 4.30 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:	43	Resp:	33894
Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	14.4



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





#19

Cyclohexane

Concen: 4.745 ug/l

RT: 4.99 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

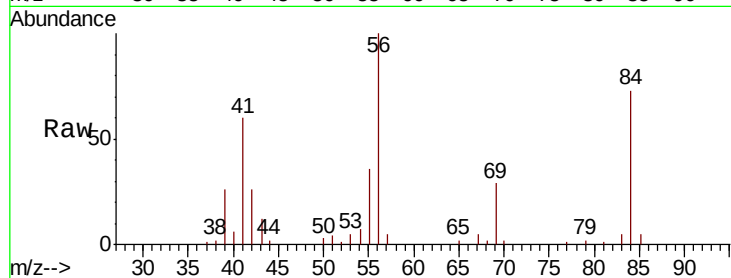
Tgt Ion: 56 Resp: 33293

Ion Ratio Lower Upper

56 100

69 32.6 25.9 38.9

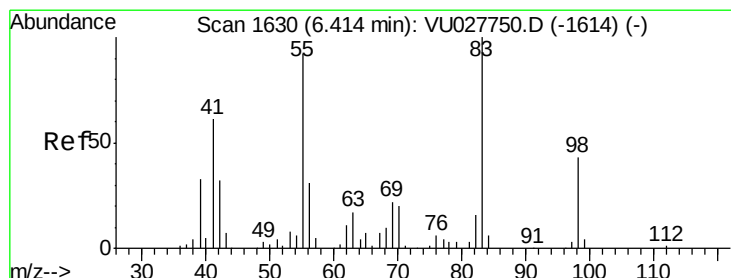
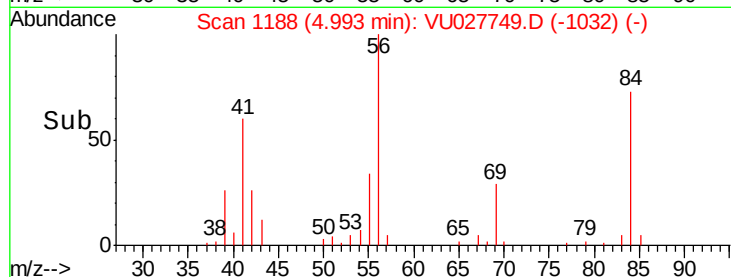
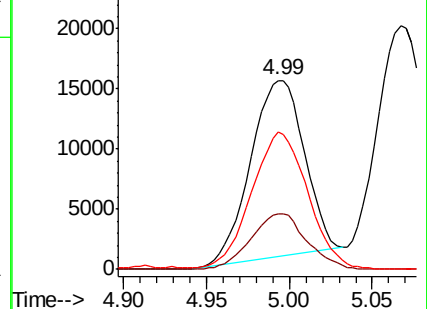
84 80.2 65.9 98.9



Abundance Ion 56.00 (55.70 to 56.70): VU027750.D (-1171) (-)

Ion 69.00 (68.70 to 69.70): VU027750.D (-1171) (-)

Ion 84.00 (83.70 to 84.70): VU027750.D (-1171) (-)



#20

Methylcyclohexane

Concen: 4.986 ug/l

RT: 6.41 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

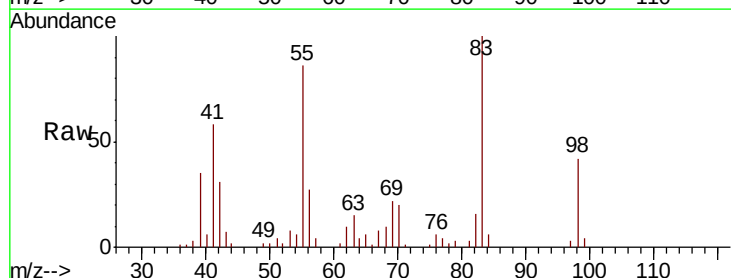
Tgt Ion: 83 Resp: 34181

Ion Ratio Lower Upper

83 100

55 90.5 72.6 108.8

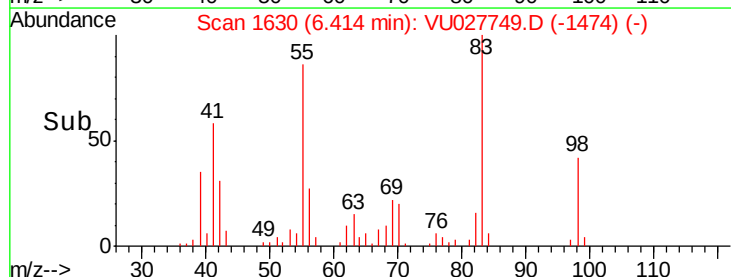
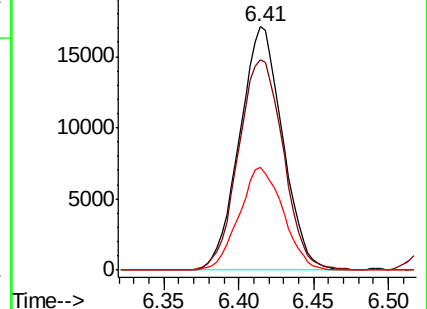
98 43.0 35.0 52.4

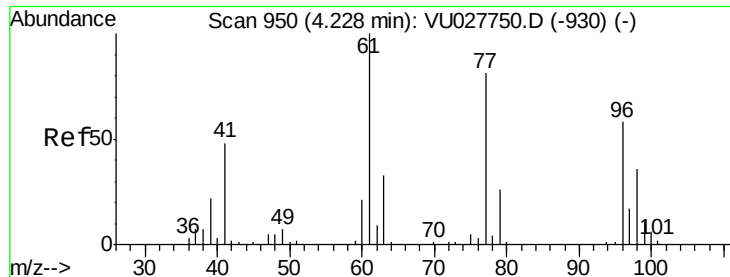


Abundance Ion 83.00 (82.70 to 83.70): VU027750.D (-1614) (-)

Ion 55.00 (54.70 to 55.70): VU027750.D (-1614) (-)

Ion 98.00 (97.70 to 98.70): VU027750.D (-1614) (-)

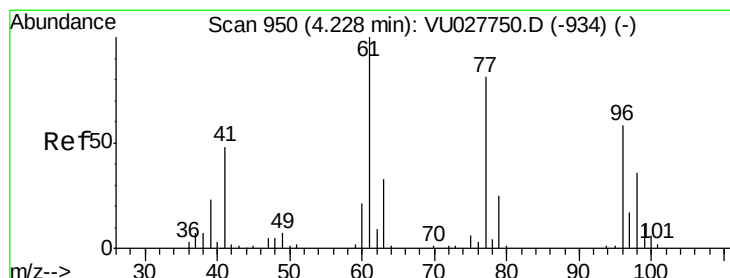
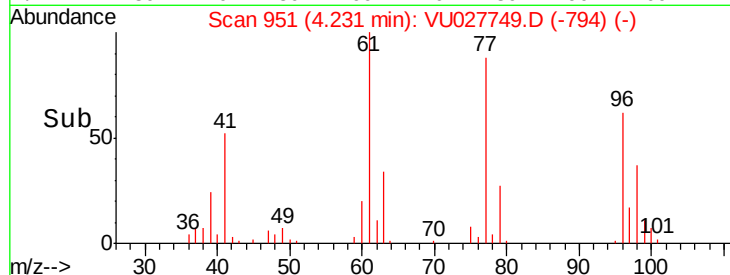
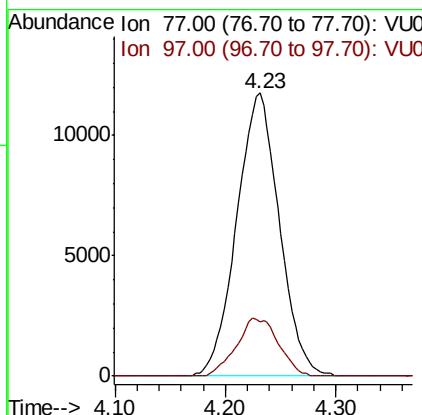
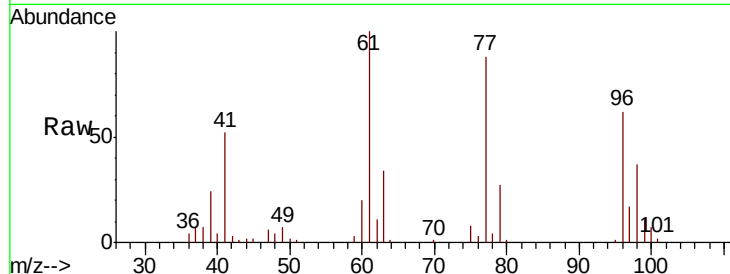




#21
 2,2-Dichloropropane
 Concen: 4.633 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

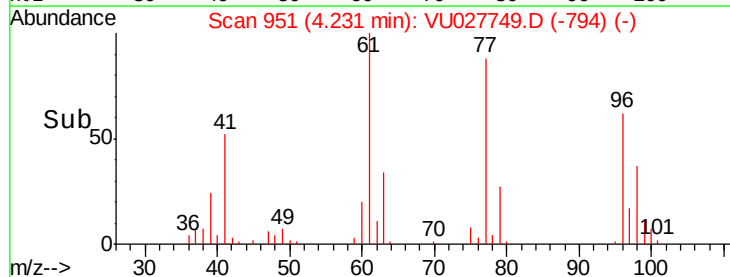
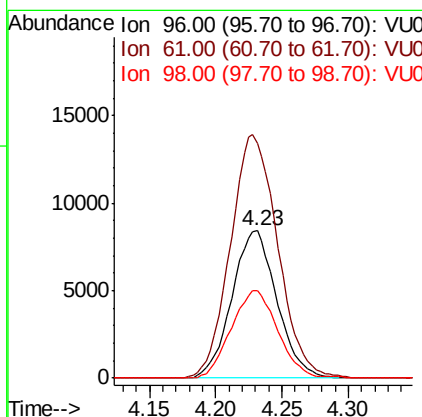
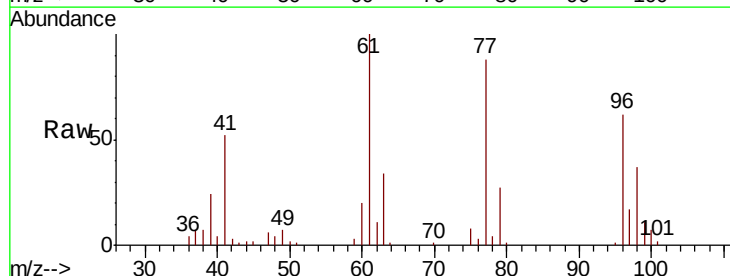
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

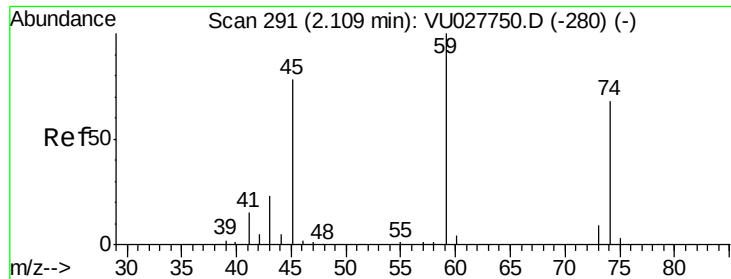
Tgt Ion: 77 Resp: 31485
 Ion Ratio Lower Upper
 77 100
 97 20.1 16.9 25.3



#22
 cis-1,2-Dichloroethene
 Concen: 4.763 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 96 Resp: 19865
 Ion Ratio Lower Upper
 96 100
 61 173.7 0.0 444.0
 98 61.1 31.9 95.5

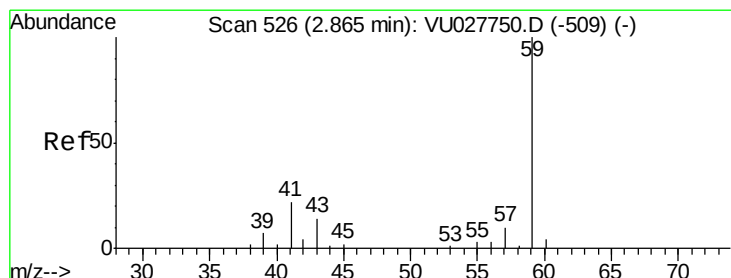
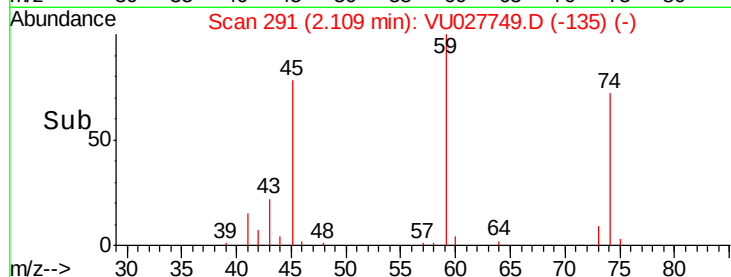
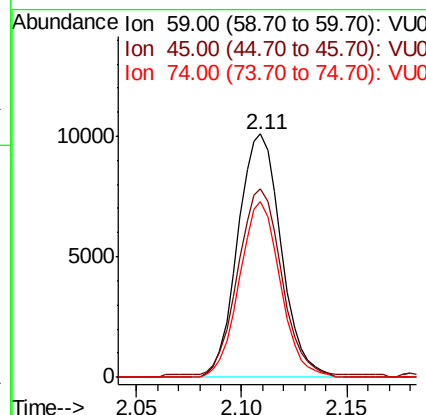
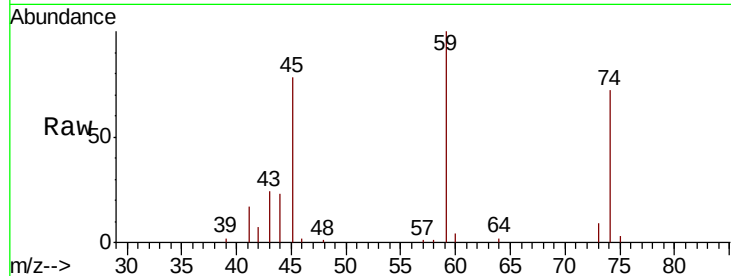




#23
 Diethyl Ether
 Concen: 4.658 ug/l
 RT: 2.11 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

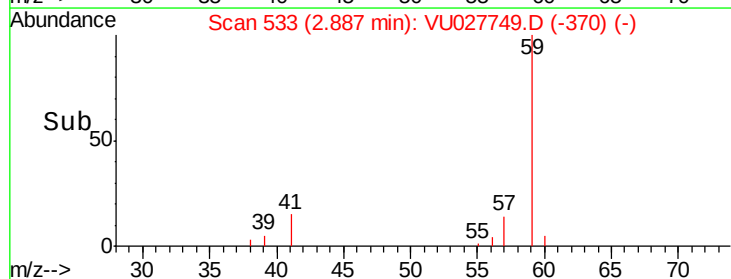
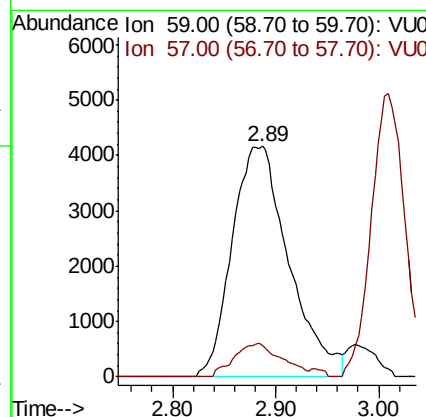
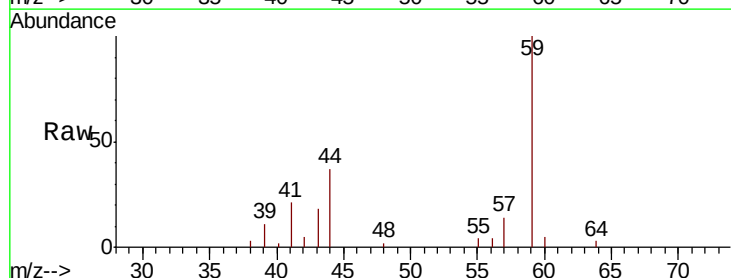
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

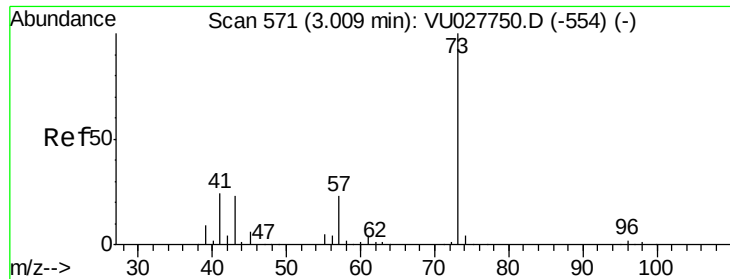
Tgt Ion:	59	Resp:	14383
Ion	Ratio	Lower	Upper
59	100		
45	76.4	64.6	96.8
74	68.1	54.8	82.2



#24
 tert-Butyl Alcohol
 Concen: 53.917 ug/l
 RT: 2.89 min Scan# 533
 Delta R.T. 0.02 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:	59	Resp:	15940
Ion	Ratio	Lower	Upper
59	100		
57	12.2	4.4	6.6#





#25

Methyl tert-Butyl Ether

Concen: 4.657 ug/l

RT: 3.01 min Scan# 571

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

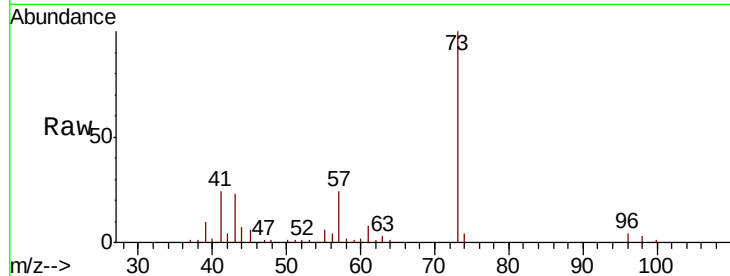
VSTDIC005

Tgt Ion: 73 Resp: 48278

Ion Ratio Lower Upper

73 100

43 23.2 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VU027750.D (-554) (-)

Ion 43.00 (42.70 to 43.70): VU027750.D (-554) (-)

3.01

25000

20000

15000

10000

5000

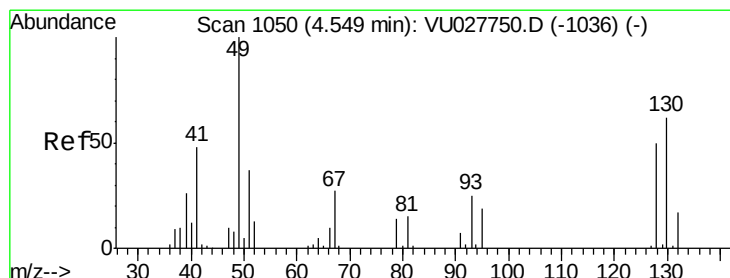
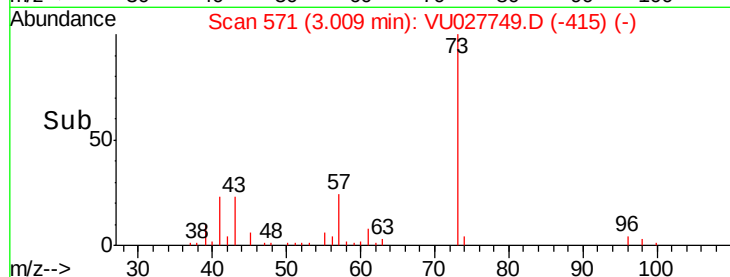
0

Time-->

2.90

3.00

3.10



#26

Bromochloromethane

Concen: 4.967 ug/l

RT: 4.55 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

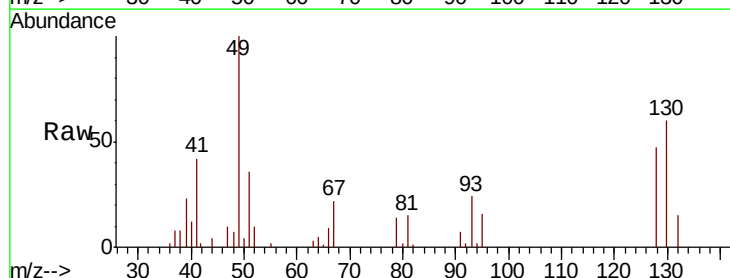
Tgt Ion: 128 Resp: 8386

Ion Ratio Lower Upper

128 100

49 207.7 0.0 427.6

130 125.6 103.4 155.0



Abundance Ion 128.00 (127.70 to 128.70): VU027750.D (-1036) (-)

Ion 49.00 (48.70 to 49.70): VU027750.D (-1036) (-)

Ion 130.00 (129.70 to 130.70): VU027750.D (-1036) (-)

4.55

10000

8000

6000

4000

2000

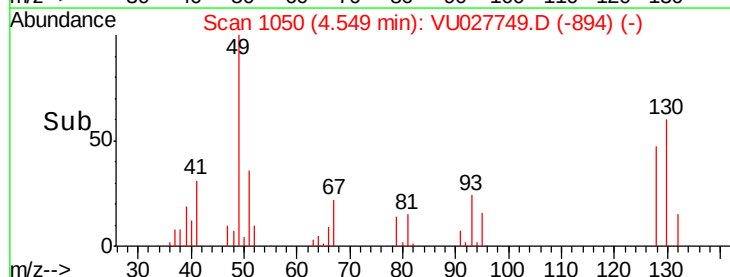
0

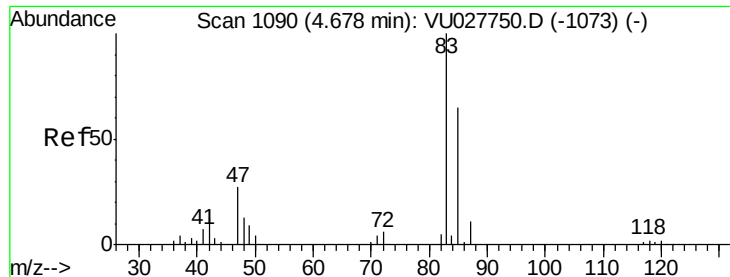
Time-->

4.50

4.55

4.60

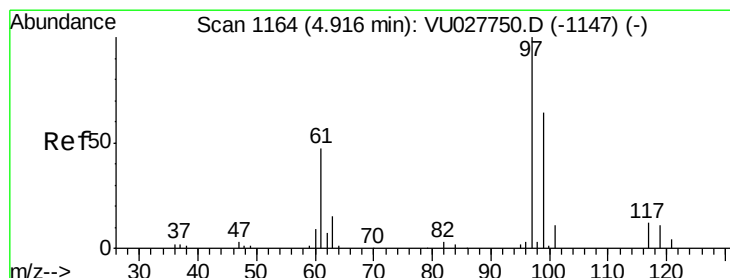
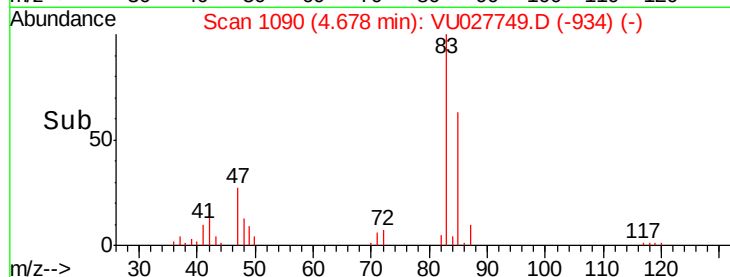
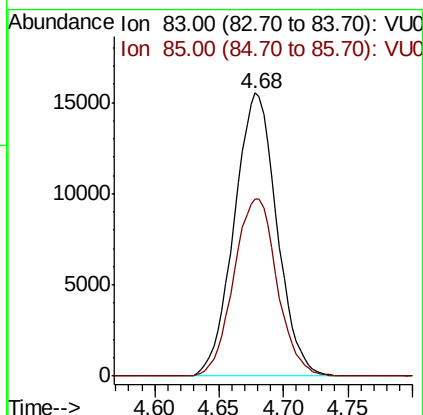
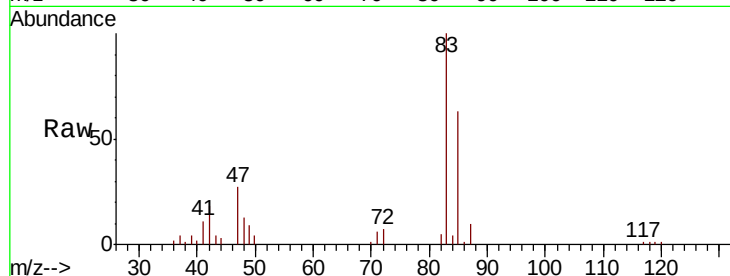




#27
Chloroform
Concen: 4.719 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

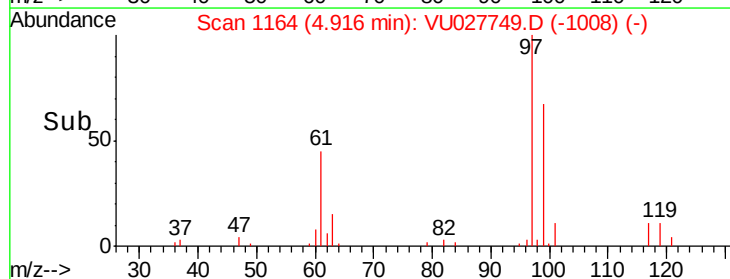
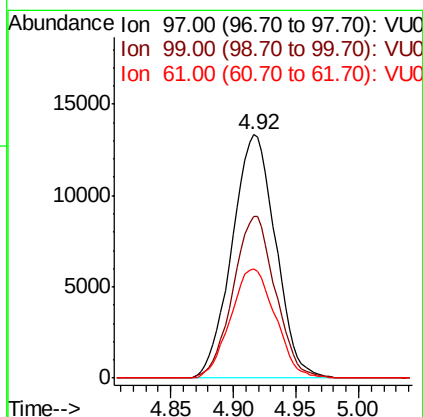
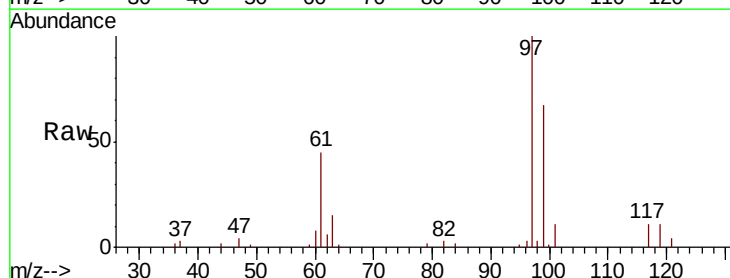
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

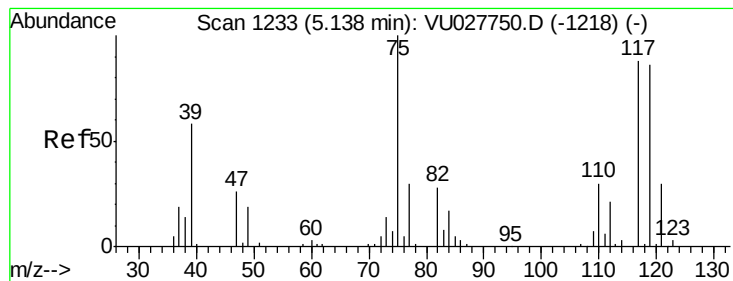
Tgt Ion: 83 Resp: 35699
Ion Ratio Lower Upper
83 100
85 62.6 0.0 130.2



#28
1,1,1-Trichloroethane
Concen: 4.941 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 97 Resp: 32258
Ion Ratio Lower Upper
97 100
99 64.5 31.8 95.4
61 46.0 23.6 70.8





#29

1,1-Dichloropropene

Concen: 4.921 ug/l

RT: 5.14 min Scan# 1233

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

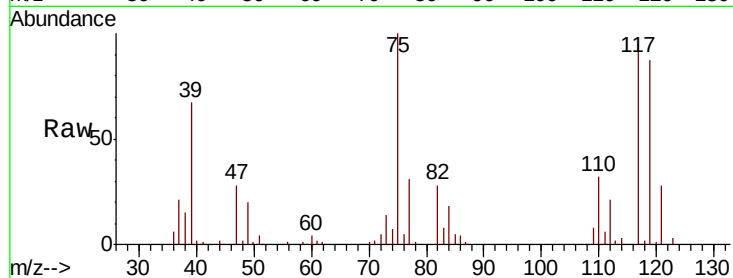
Tgt Ion: 75 Resp: 28303

Ion Ratio Lower Upper

75 100

110 31.3 15.6 46.8

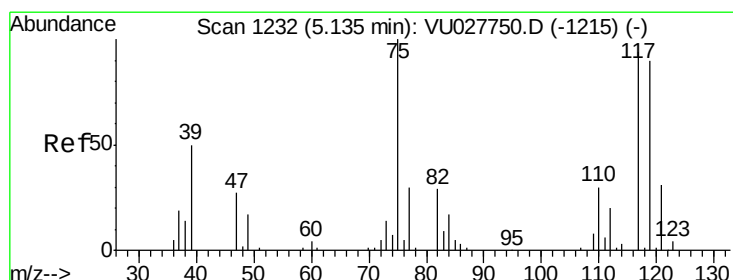
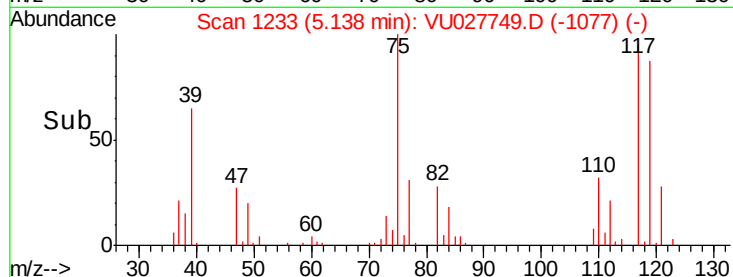
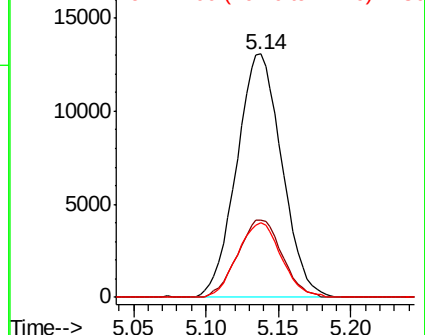
77 29.8 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-1218) (-)

Ion 110.00 (109.70 to 110.70): VU027750.D (-1218) (-)

Ion 77.00 (76.70 to 77.70): VU027750.D (-1218) (-)



#30

Carbon Tetrachloride

Concen: 4.885 ug/l

RT: 5.13 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

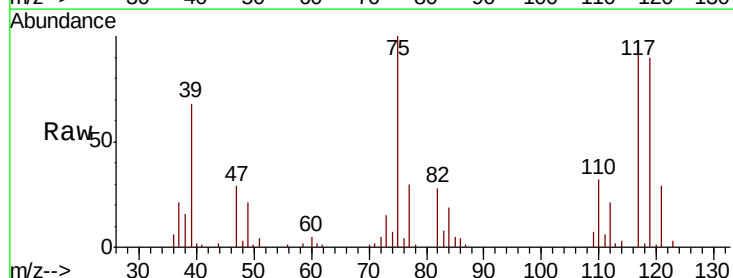
Tgt Ion: 117 Resp: 28418

Ion Ratio Lower Upper

117 100

119 92.3 76.2 114.4

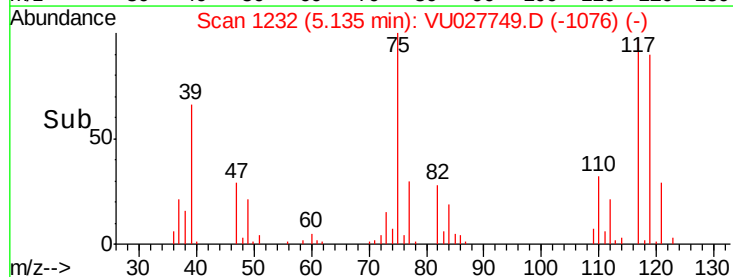
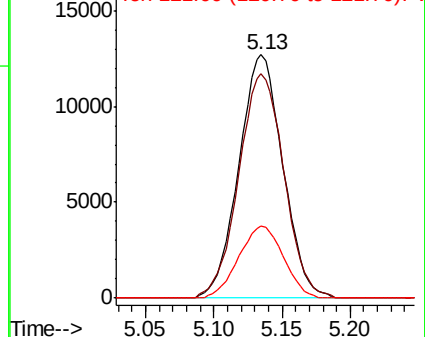
121 29.7 26.4 39.6

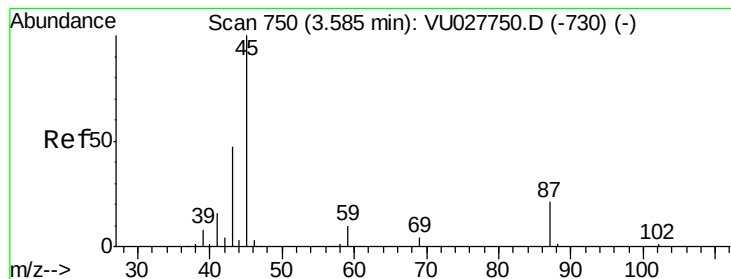


Abundance Ion 117.00 (116.70 to 117.70): VU027750.D (-1215) (-)

Ion 119.00 (118.70 to 119.70): VU027750.D (-1215) (-)

Ion 121.00 (120.70 to 121.70): VU027750.D (-1215) (-)





#31

Isopropyl Ether

Concen: 4.586 ug/l

RT: 3.58 min Scan# 749

Delta R.T. -0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

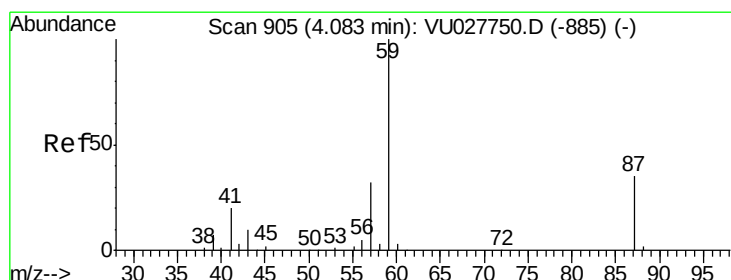
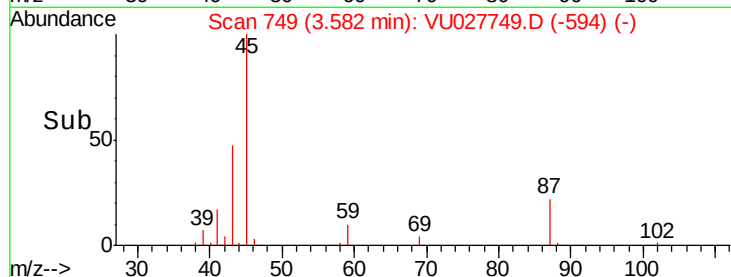
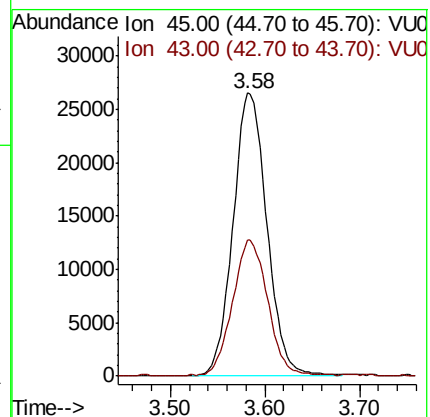
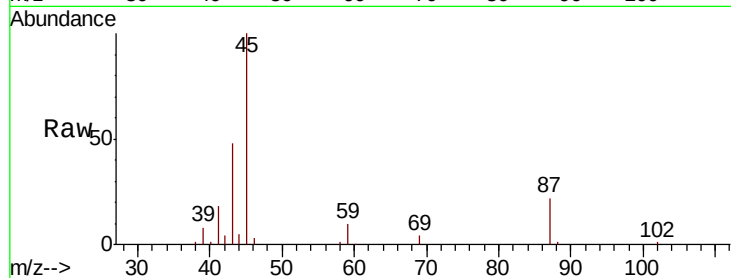
VSTDIC005

Tgt Ion: 45 Resp: 66066

Ion Ratio Lower Upper

45 100

43 50.2 24.5 73.5



#32

Ethyl-t-butyl ether

Concen: 4.681 ug/l

RT: 4.08 min Scan# 905

Delta R.T. 0.00 min

Lab File: VU027749.D

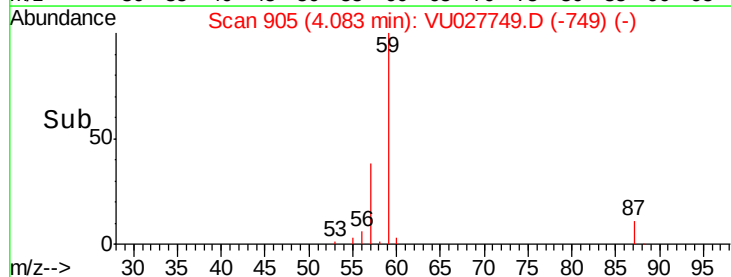
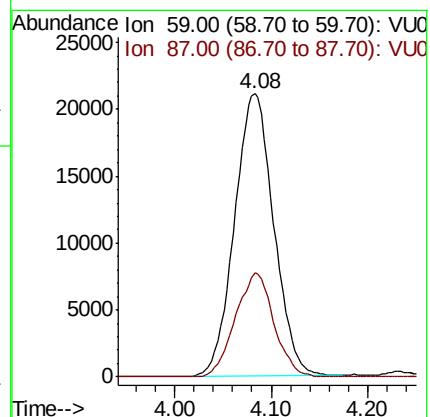
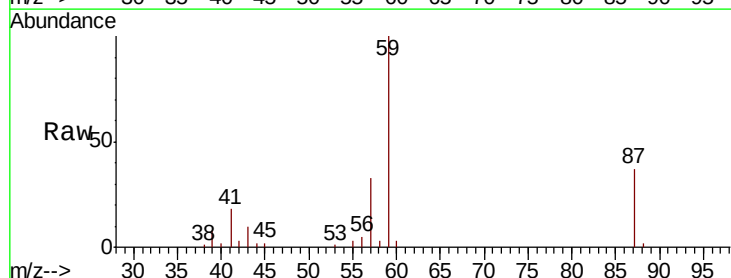
Acq: 22 Oct 2018 19:09

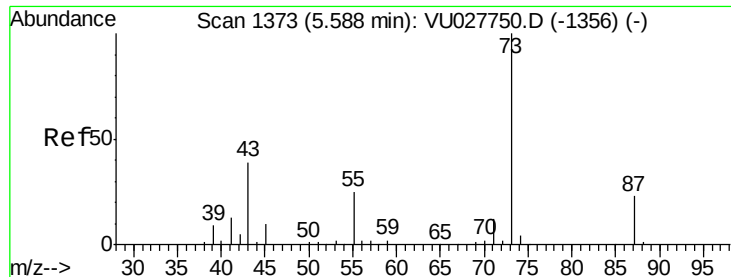
Tgt Ion: 59 Resp: 59501

Ion Ratio Lower Upper

59 100

87 36.0 29.4 44.0

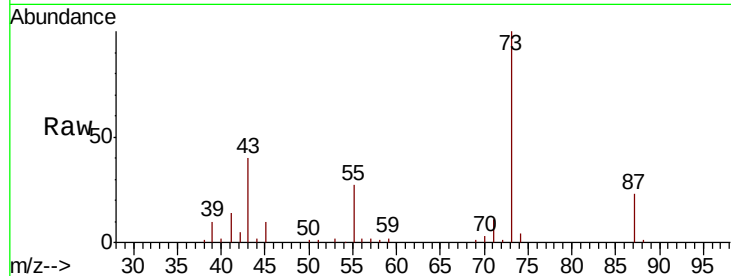




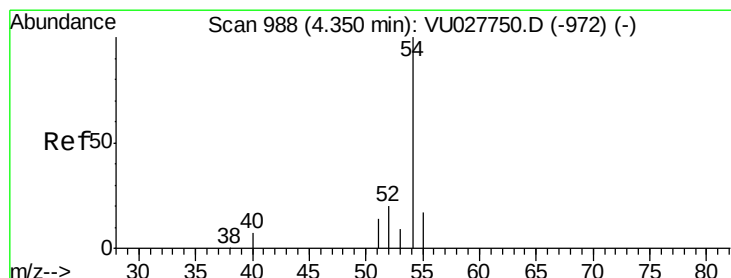
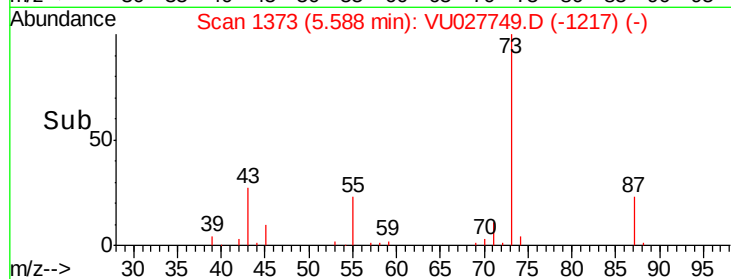
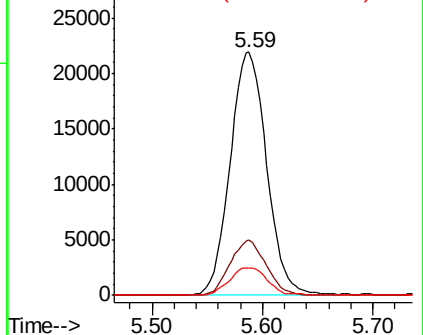
#33
 Tert-Amyl methyl ether
 Concen: 4.718 ug/l
 RT: 5.59 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 73 Resp: 50382
 Ion Ratio Lower Upper
 73 100
 87 22.3 18.5 27.7
 71 11.8 9.1 13.7

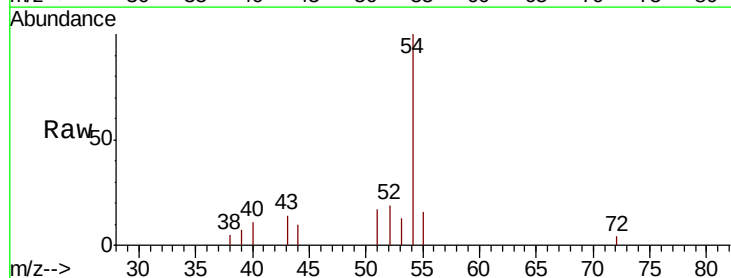


Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 87.00 (86.70 to 87.70): VU0
 Ion 71.00 (70.70 to 71.70): VU0

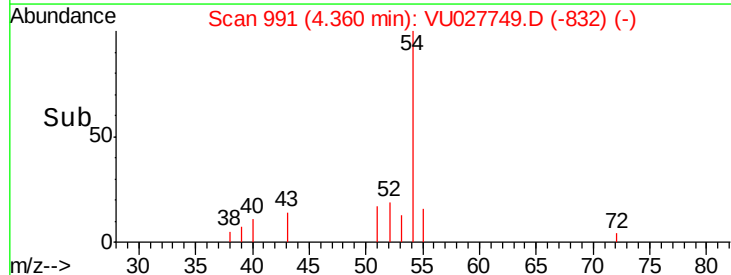
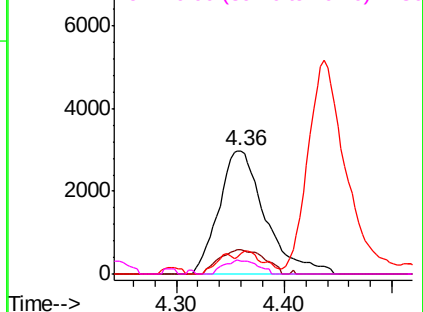


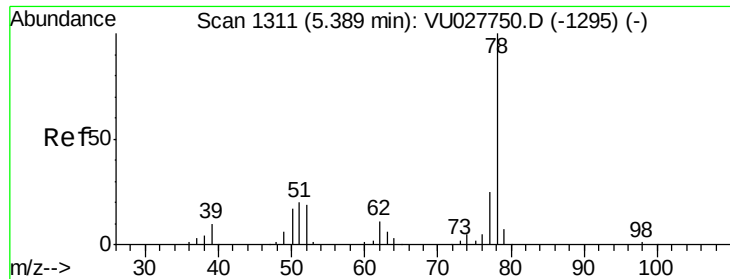
#34
 Propionitrile
 Concen: 23.520 ug/l
 RT: 4.36 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 54 Resp: 8909
 Ion Ratio Lower Upper
 54 100
 52 19.1 15.5 23.3
 55 7.0 12.6 18.8#
 40 8.1 6.1 9.1



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





#35

Benzene

Concen: 4.868 ug/l

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

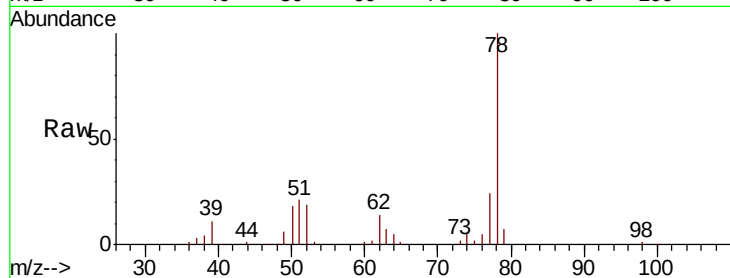
VSTDIC005

Tgt Ion: 78 Resp: 78776

Ion Ratio Lower Upper

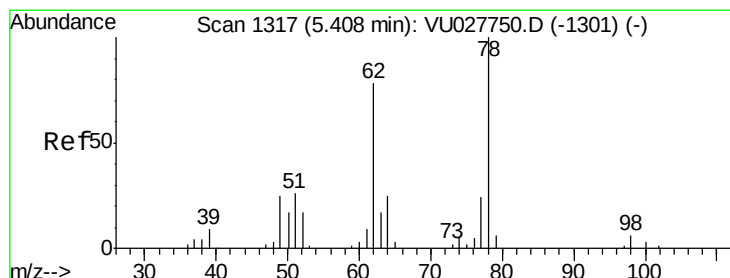
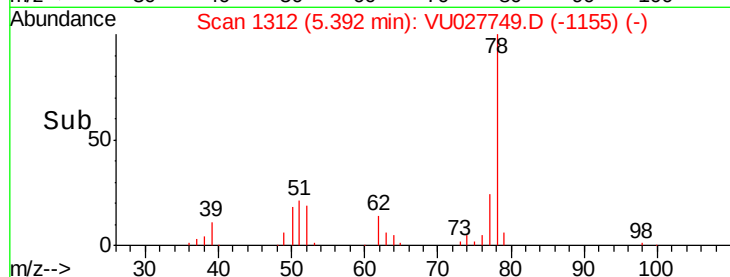
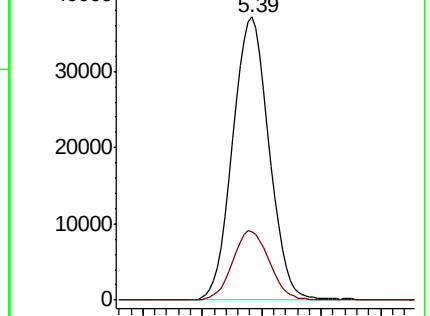
78 100

77 24.3 19.9 29.9



Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



#36

1,2-Dichloroethane

Concen: 5.053 ug/l

RT: 5.41 min Scan# 1318

Delta R.T. 0.00 min

Lab File: VU027749.D

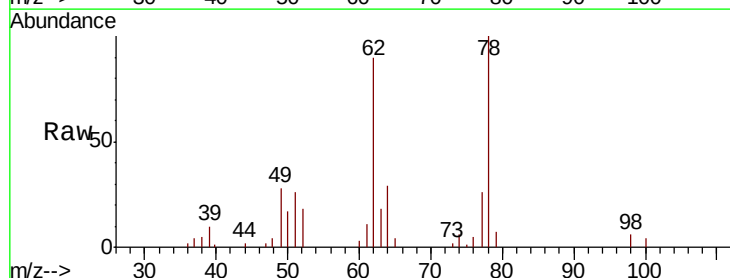
Acq: 22 Oct 2018 19:09

Tgt Ion: 62 Resp: 26068

Ion Ratio Lower Upper

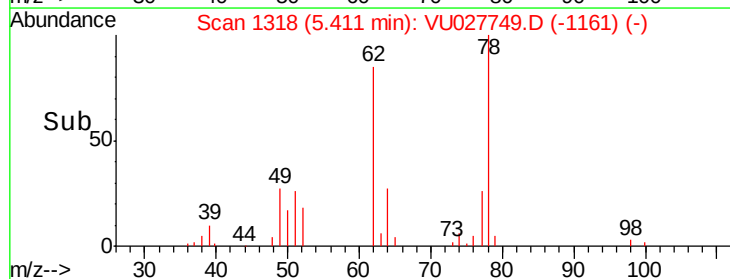
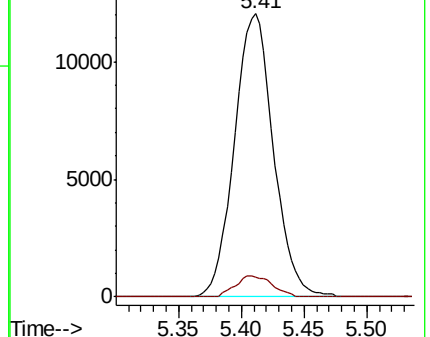
62 100

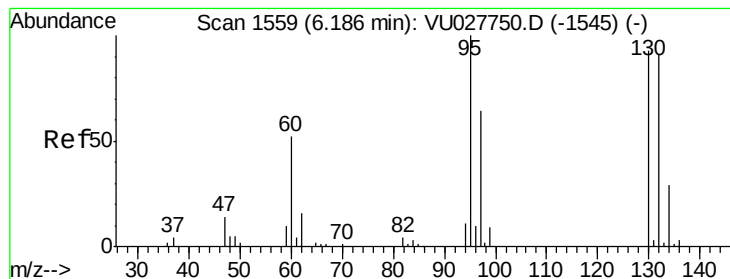
98 7.1 5.8 8.6



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

Trichloroethene

Concen: 4.869 ug/l

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

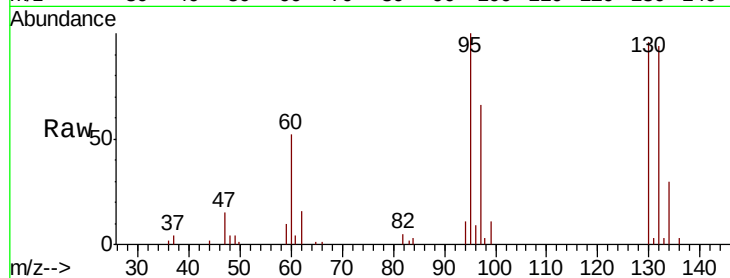
VSTDIC005

Tgt Ion:130 Resp: 19410

Ion Ratio Lower Upper

130 100

95 104.5 86.4 129.6



Abundance Ion 129.90 (129.60 to 130.60): VU027750.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027750.D (-1545) (-)

6.19

12000

10000

8000

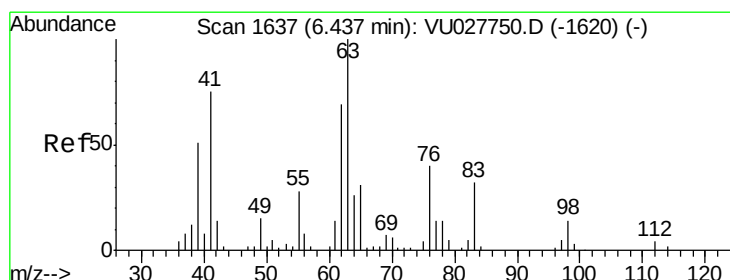
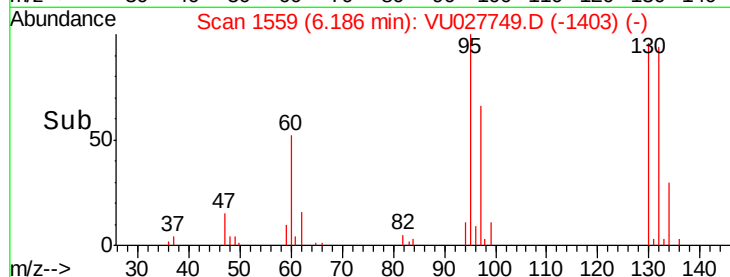
6000

4000

2000

0

Time-->



#38

1,2-Dichloropropane

Concen: 4.918 ug/l

RT: 6.44 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VU027749.D

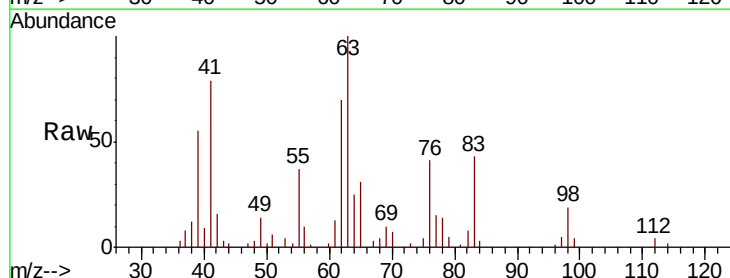
Acq: 22 Oct 2018 19:09

Tgt Ion: 63 Resp: 22449

Ion Ratio Lower Upper

63 100

65 30.9 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VU027750.D (-1620) (-)

Ion 65.00 (64.70 to 65.70): VU027750.D (-1620) (-)

6.44

12000

10000

8000

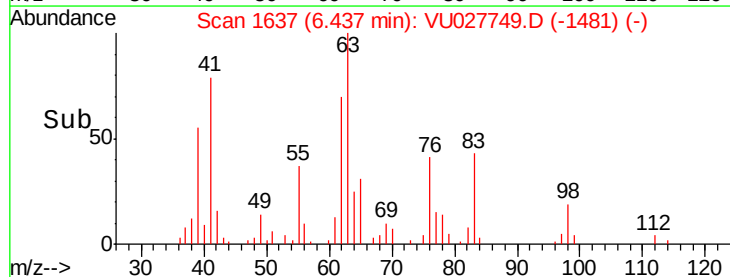
6000

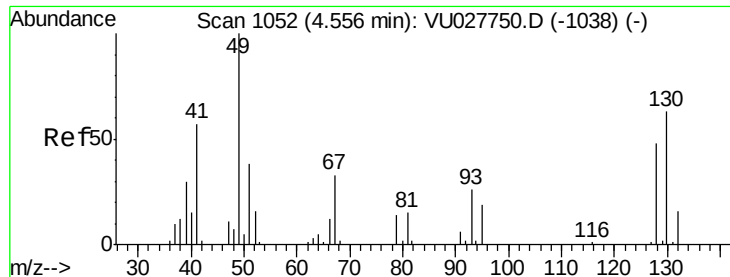
4000

2000

0

Time-->





#39

Methacrylonitrile

Concen: 4.863 ug/l

RT: 4.56 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 9075

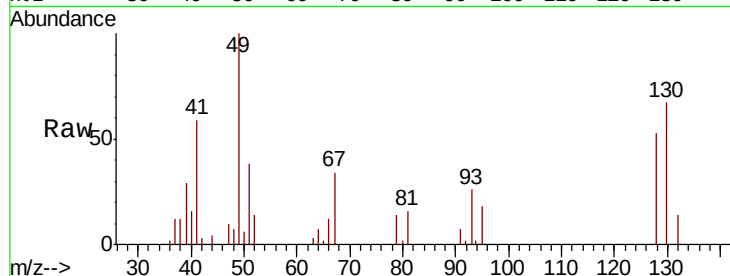
Ion Ratio Lower Upper

41 100

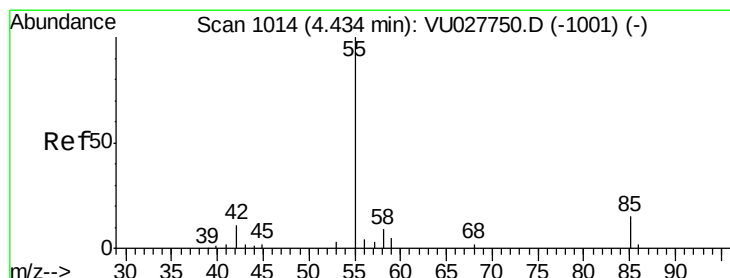
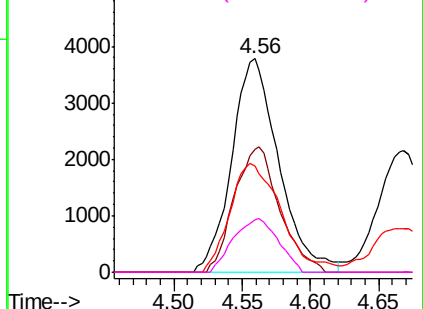
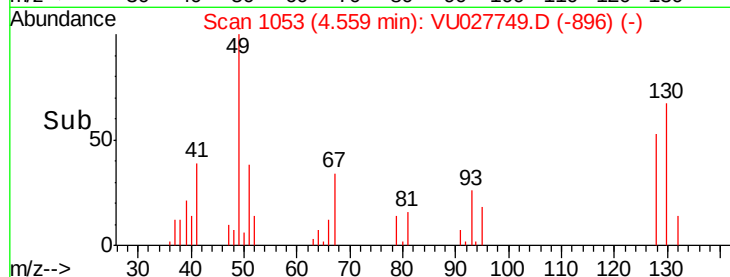
67 56.3 46.1 69.1

39 55.9 43.6 65.4

52 23.9 21.4 32.2



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



#40

Methyl acrylate

Concen: 4.700 ug/l

RT: 4.44 min Scan# 1015

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Tgt Ion: 55 Resp: 11900

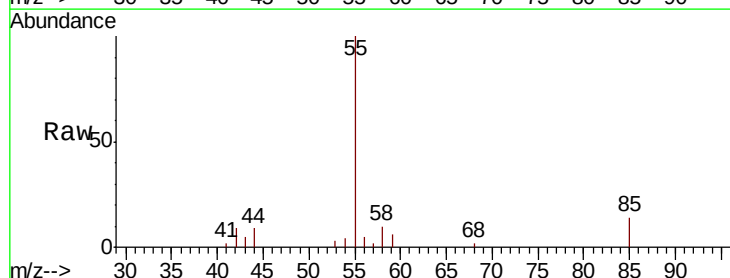
Ion Ratio Lower Upper

55 100

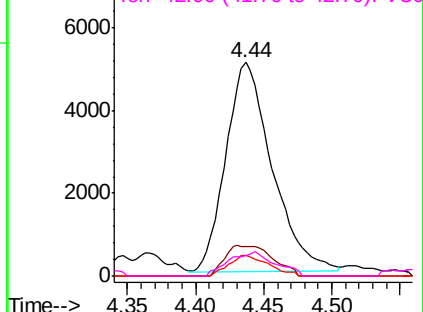
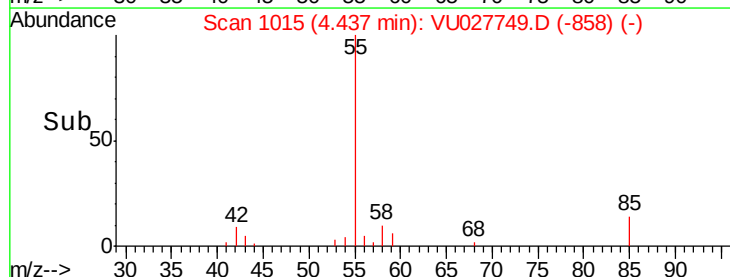
85 14.8 11.8 17.6

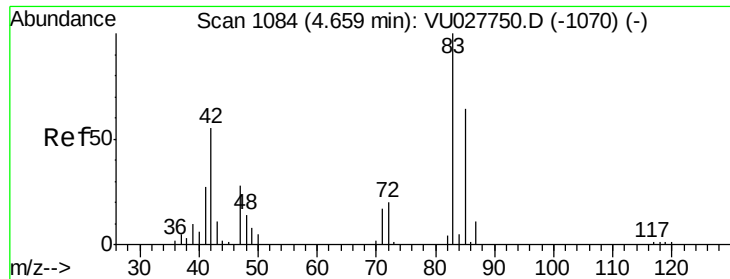
58 8.5 7.0 10.4

42 11.5 9.4 14.2



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 9.274 ug/l

RT: 4.67 min Scan# 1087

Delta R.T. 0.01 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

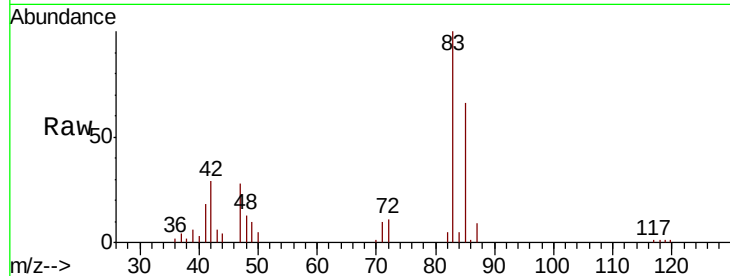
Tgt Ion: 42 Resp: 9296

Ion Ratio Lower Upper

42 100

72 35.0 30.6 45.8

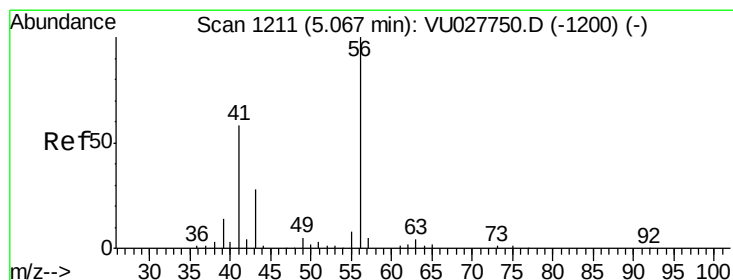
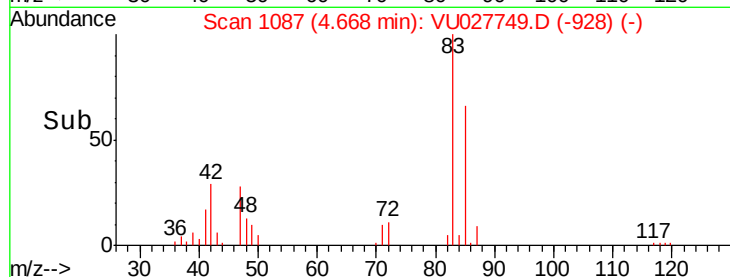
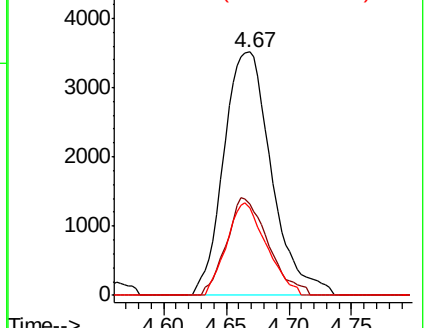
71 31.6 25.2 37.8



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: 4.888 ug/l

RT: 5.07 min Scan# 1211

Delta R.T. 0.00 min

Lab File: VU027749.D

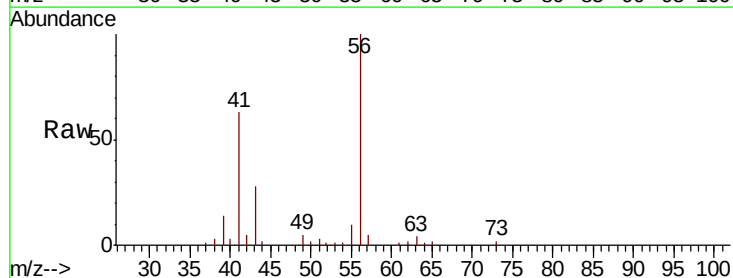
Acq: 22 Oct 2018 19:09

Tgt Ion: 56 Resp: 44001

Ion Ratio Lower Upper

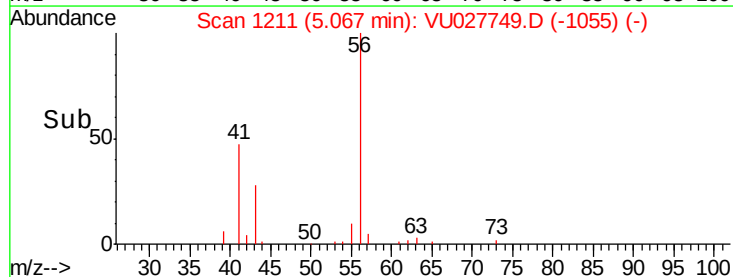
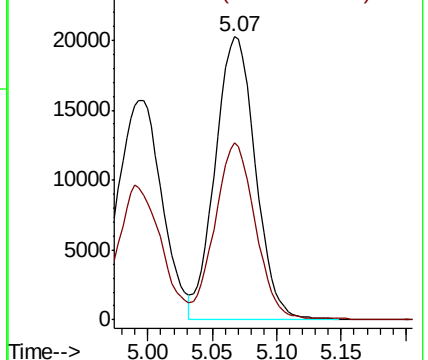
56 100

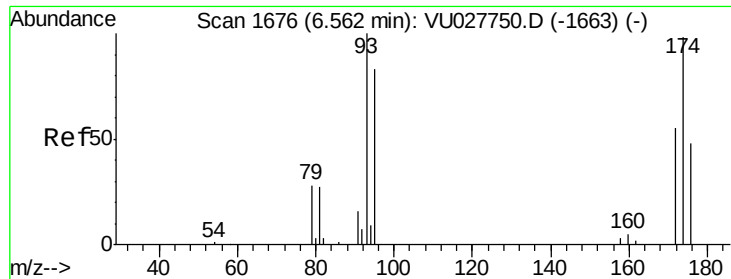
41 61.4 29.4 88.2



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

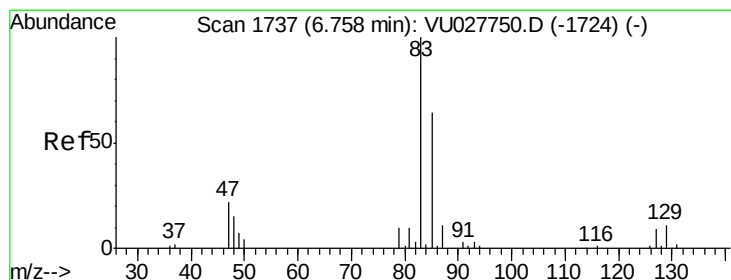
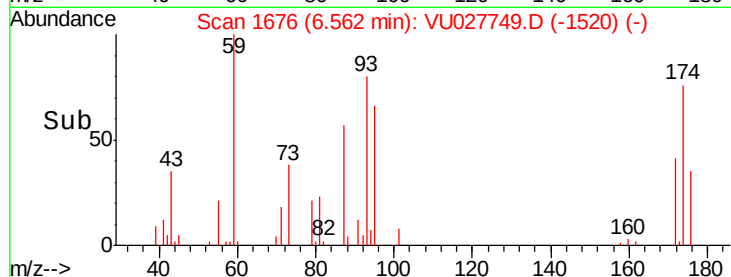
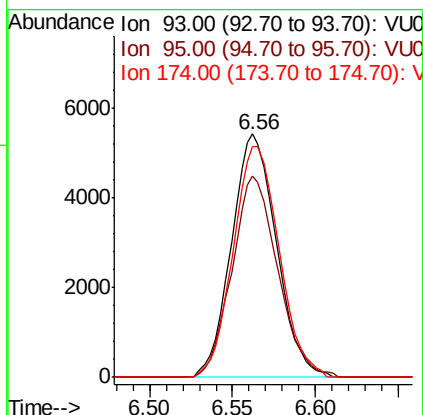
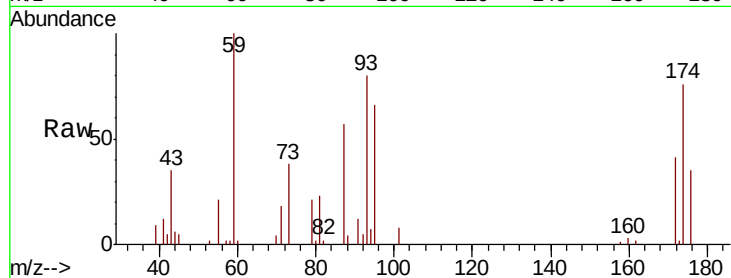




#43
Dibromomethane
Concen: 5.047 ug/l
RT: 6.56 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

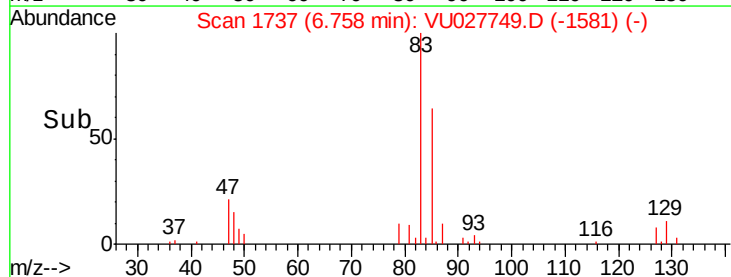
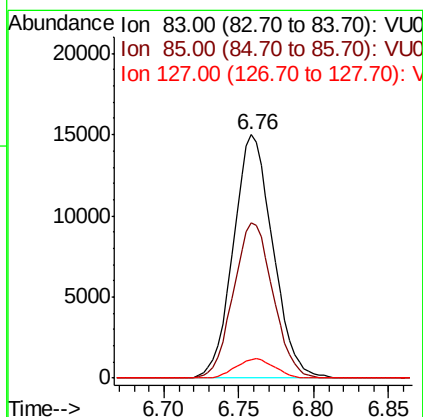
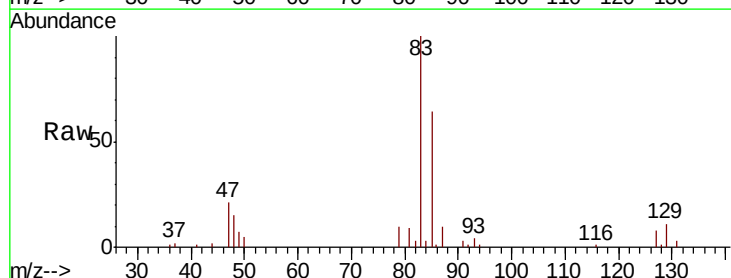
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

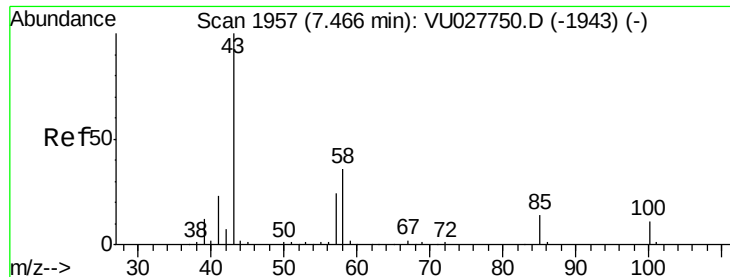
Tgt Ion: 93 Resp: 10264
Ion Ratio Lower Upper
93 100
95 84.0 64.2 96.2
174 96.9 76.7 115.1



#44
Bromodichloromethane
Concen: 5.044 ug/l
RT: 6.76 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 83 Resp: 27550
Ion Ratio Lower Upper
83 100
85 63.5 51.5 77.3
127 7.7 7.0 10.4

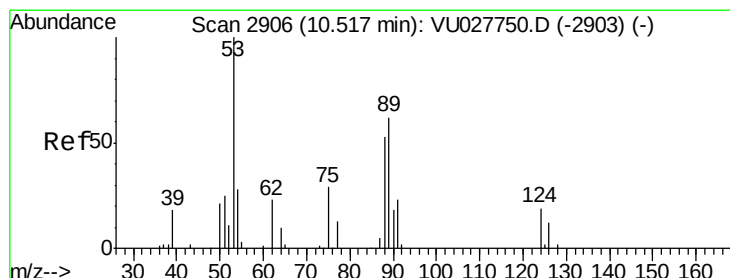
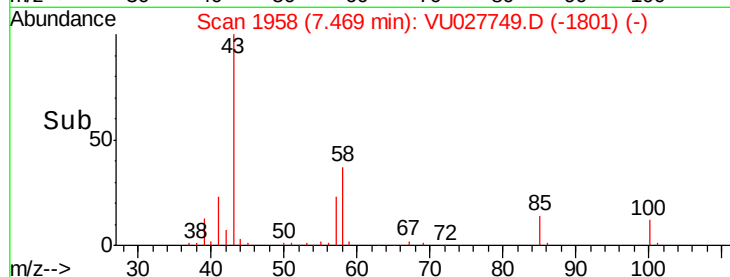
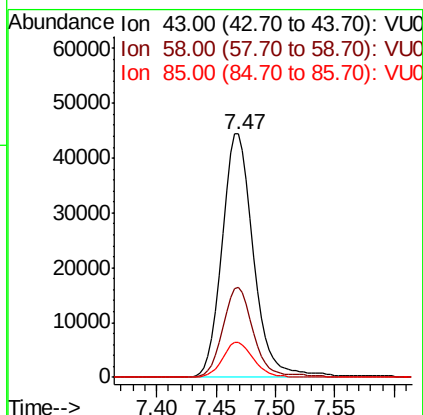
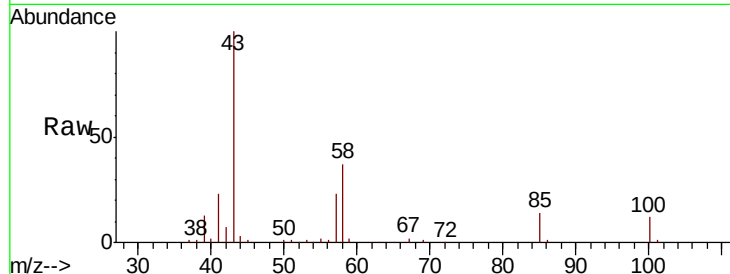




#45
4-Methyl-2-Pentanone
Concen: 23.663 ug/l
RT: 7.47 min Scan# 1958
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

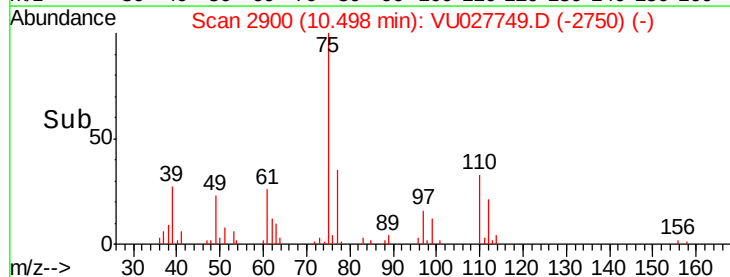
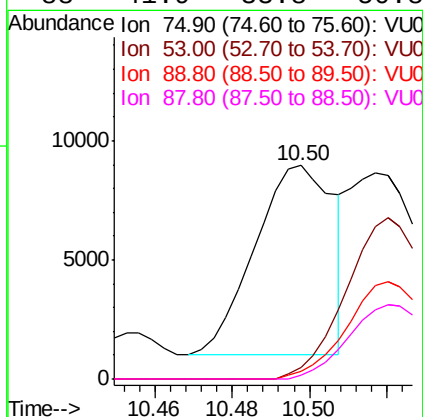
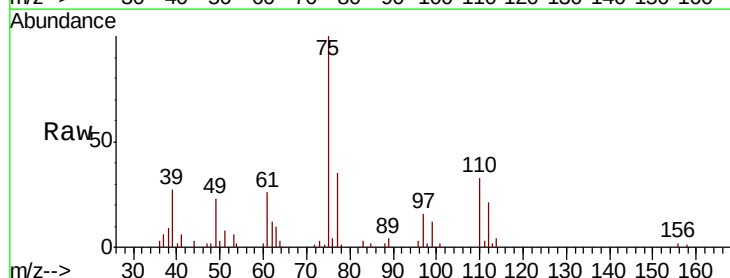
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

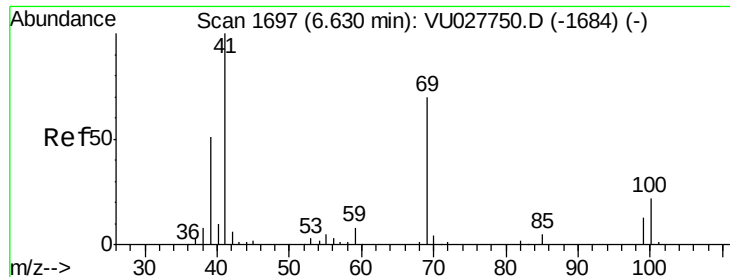
Tgt Ion: 43 Resp: 81428
Ion Ratio Lower Upper
43 100
58 36.1 17.9 53.8
85 14.0 11.4 17.0



#46
t-1,4-Dichloro-2-butene
Concen: 8.882 ug/l
RT: 10.50 min Scan# 2900
Delta R.T. -0.02 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 75 Resp: 11301
Ion Ratio Lower Upper
75 100
53 92.6 68.2 102.4
89 55.5 41.8 62.6
88 41.9 33.8 50.8

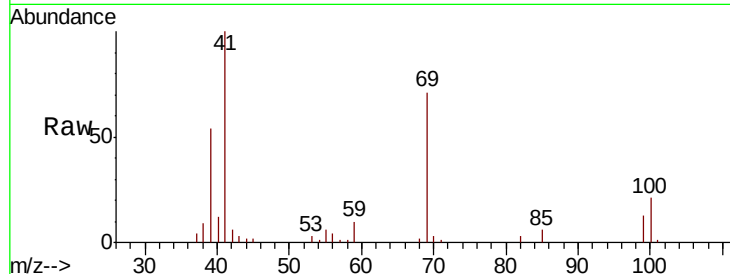




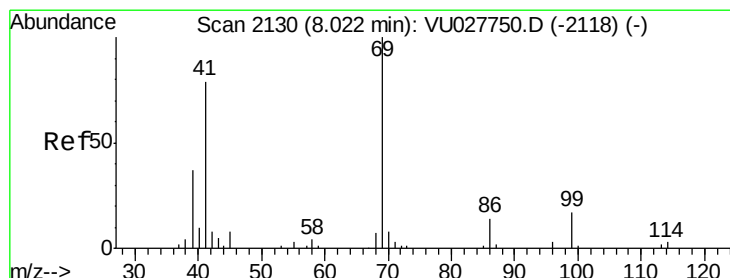
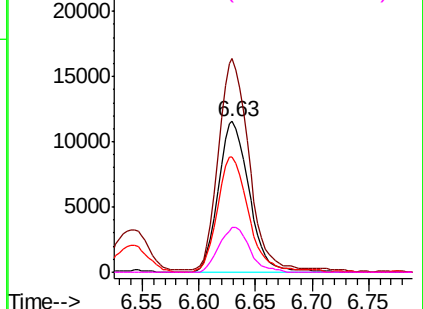
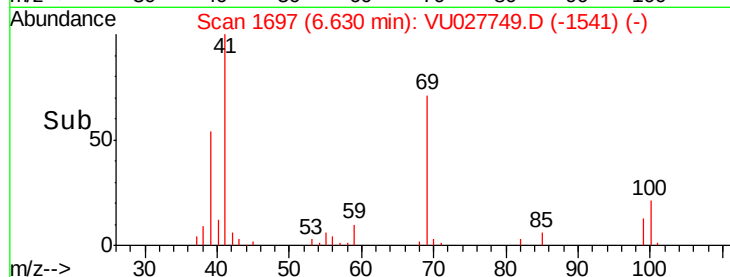
#47
Methyl methacrylate
Concen: 9.800 ug/l
RT: 6.63 min Scan# 1697
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 69 Resp: 22038
Ion Ratio Lower Upper
69 100
41 143.4 0.0 281.2
39 77.6 58.6 88.0
100 29.3 24.8 37.2

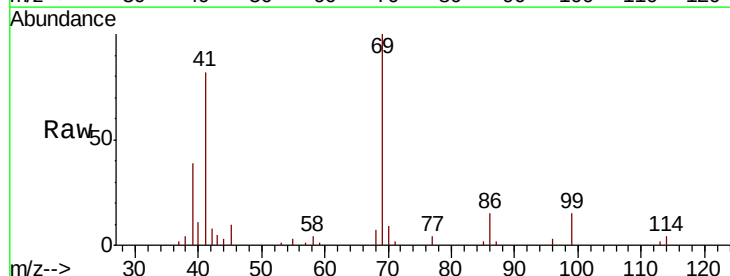


Abundance Ion 69.00 (68.70 to 69.70): VU0
Ion 41.00 (40.70 to 41.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 100.00 (99.70 to 100.70): VU0

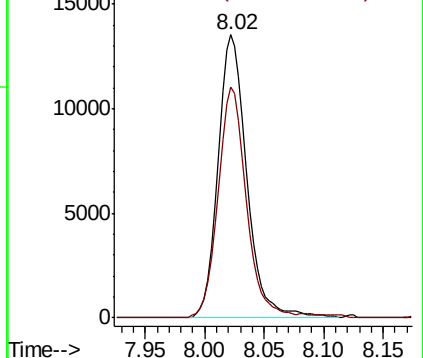
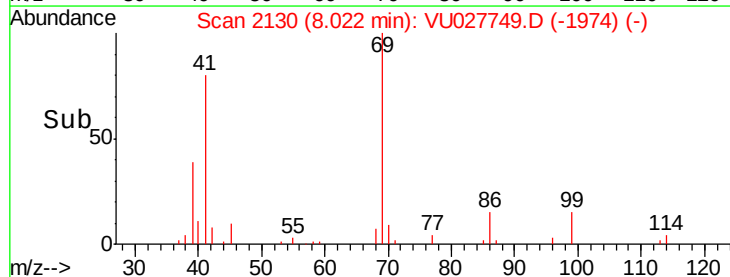


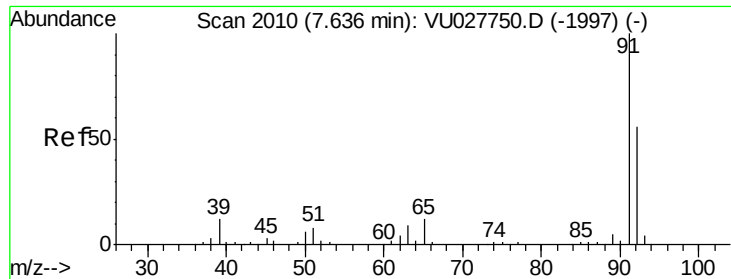
#48
Ethyl methacrylate
Concen: 4.717 ug/l
RT: 8.02 min Scan# 2130
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 69 Resp: 22707
Ion Ratio Lower Upper
69 100
41 80.0 39.1 117.2



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





#49

Toluene

Concen: 4.837 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

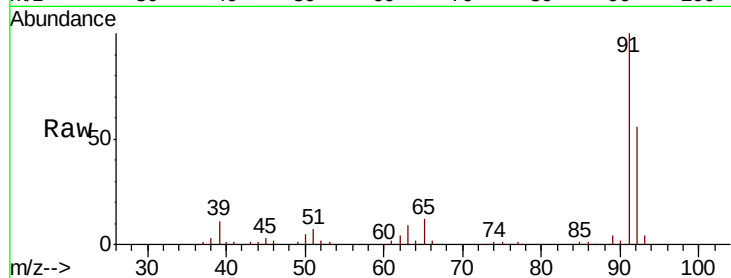
VSTDIC005

Tgt Ion: 92 Resp: 47364

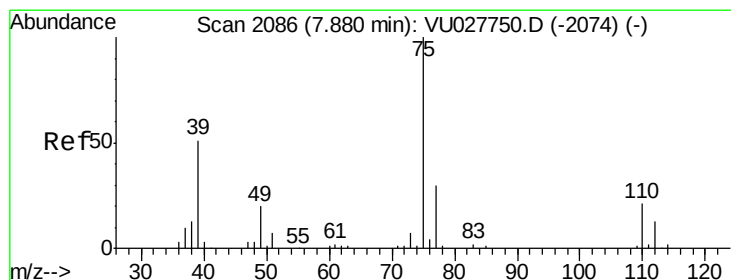
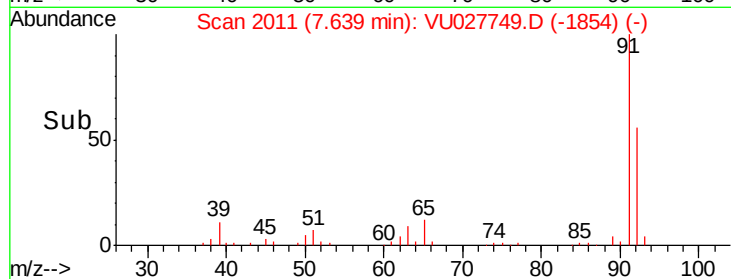
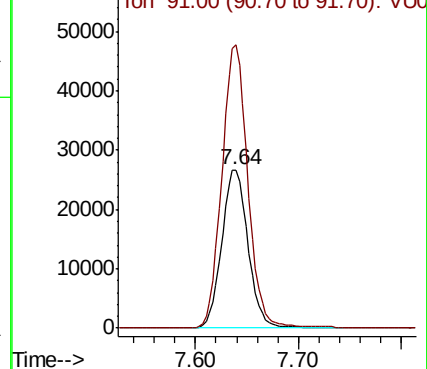
Ion Ratio Lower Upper

92 100

91 176.8 141.8 212.8



Abundance Ion 92.00 (91.70 to 92.70): VU027750.D (-1997) (-)



#50

t-1,3-Dichloropropene

Concen: 4.939 ug/l

RT: 7.88 min Scan# 2086

Delta R.T. 0.00 min

Lab File: VU027749.D

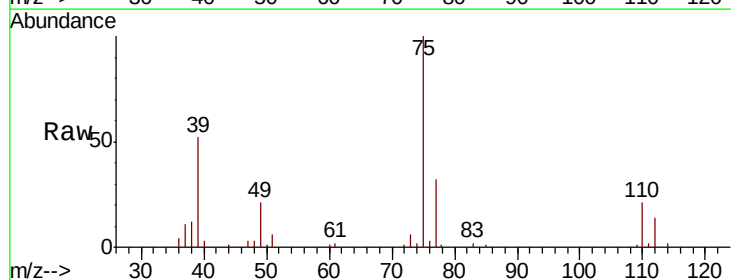
Acq: 22 Oct 2018 19:09

Tgt Ion: 75 Resp: 27409

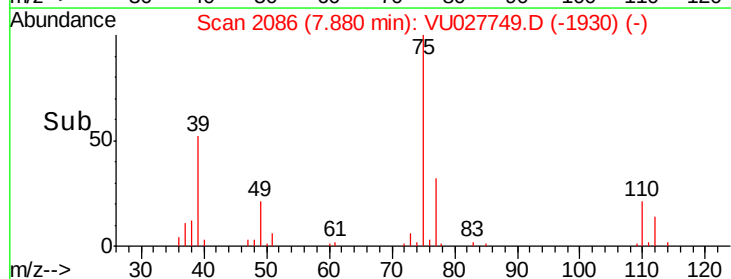
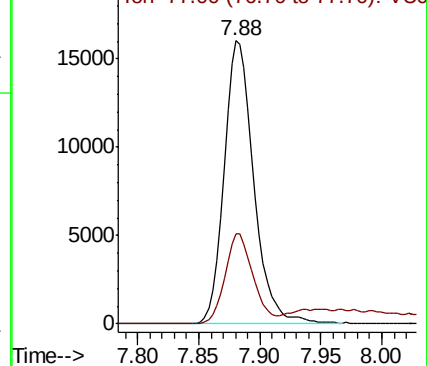
Ion Ratio Lower Upper

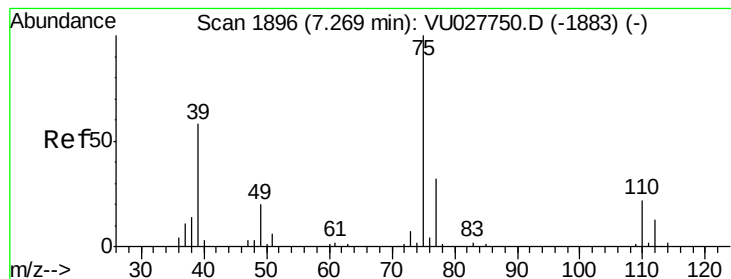
75 100

77 31.9 24.1 36.1



Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-2074) (-)



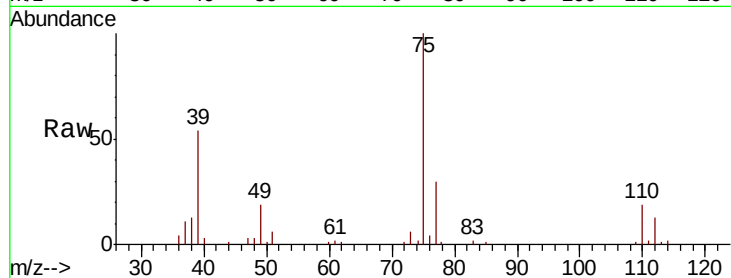


#51

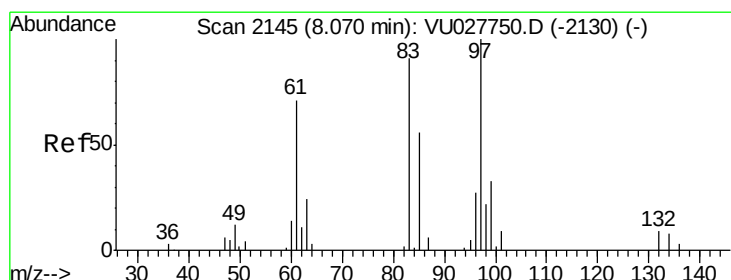
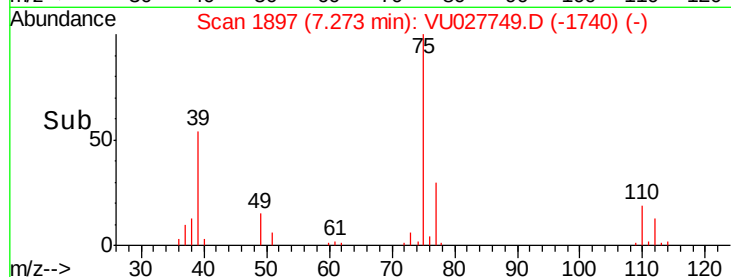
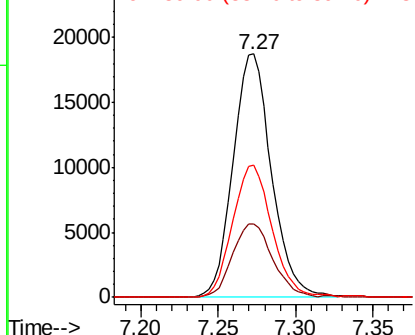
cis-1,3-Dichloropropene
Concen: 4.912 ug/l
RT: 7.27 min Scan# 1897
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 32334
Ion Ratio Lower Upper
75 100
77 30.2 25.3 37.9
39 54.2 46.4 69.6



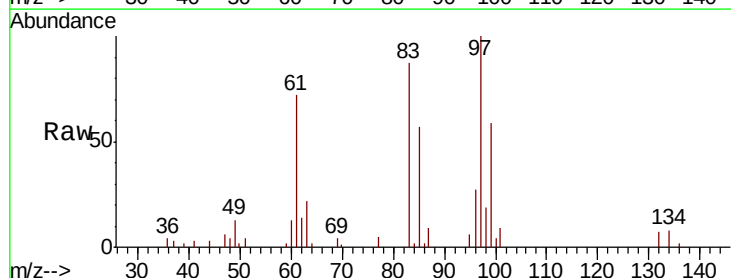
Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0
Ion 39.00 (38.70 to 39.70): VU0



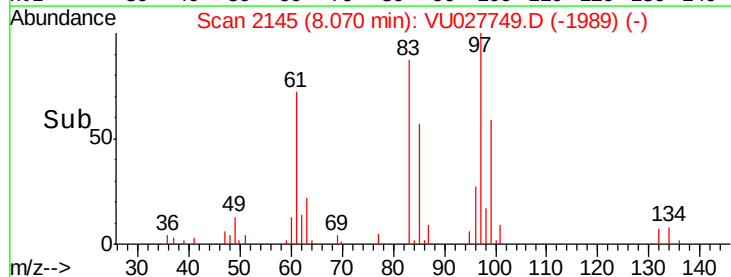
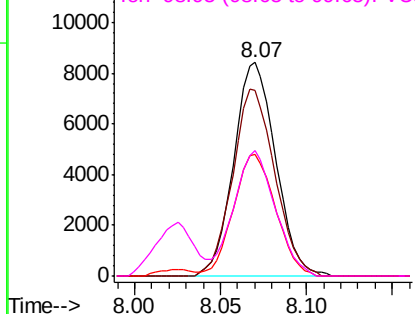
#52

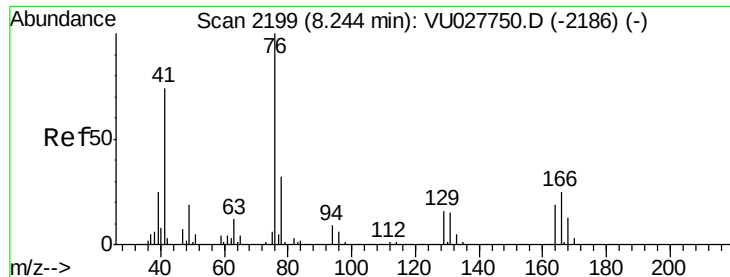
1,1,2-Trichloroethane
Concen: 4.939 ug/l
RT: 8.07 min Scan# 2145
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 97 Resp: 14198
Ion Ratio Lower Upper
97 100
83 86.7 73.0 109.6
85 57.1 46.5 69.7
99 58.9 49.8 74.8



Abundance Ion 97.00 (96.70 to 97.70): VU0
Ion 82.95 (82.65 to 83.65): VU0
Ion 84.95 (84.65 to 85.65): VU0
Ion 98.95 (98.65 to 99.65): VU0

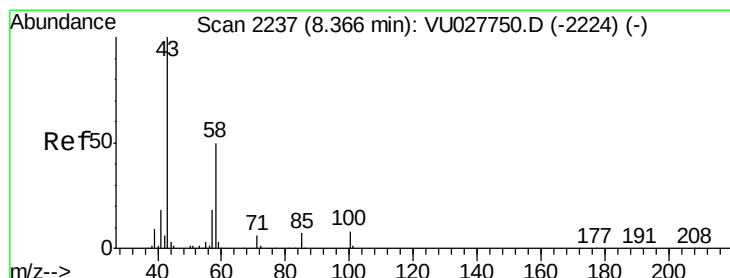
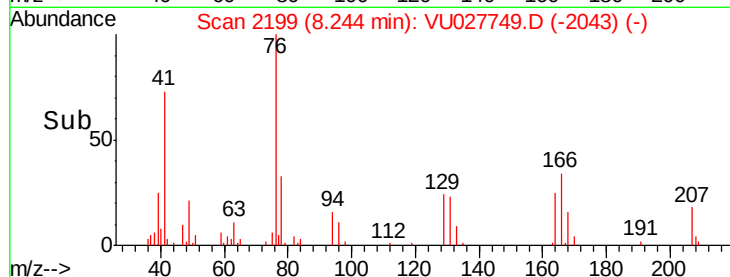
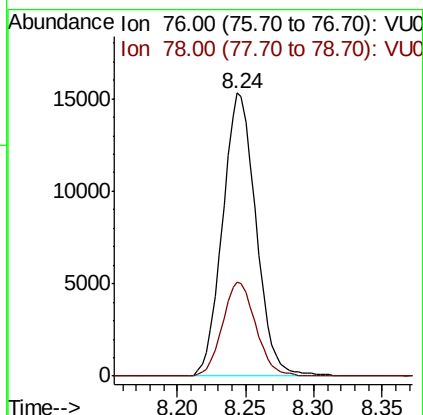
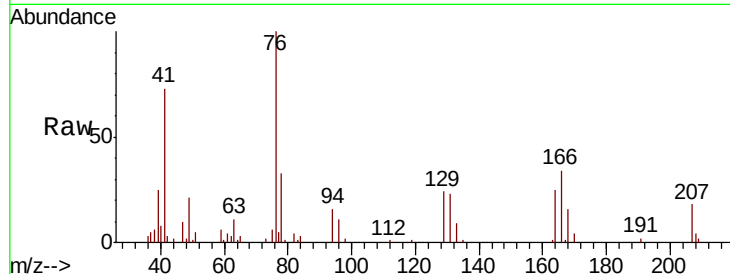




#53
 1,3-Dichloropropane
 Concen: 4.901 ug/l
 RT: 8.24 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

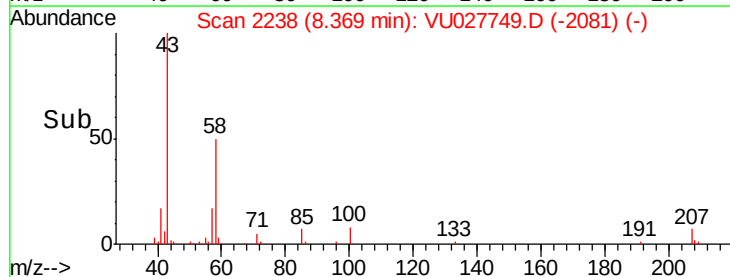
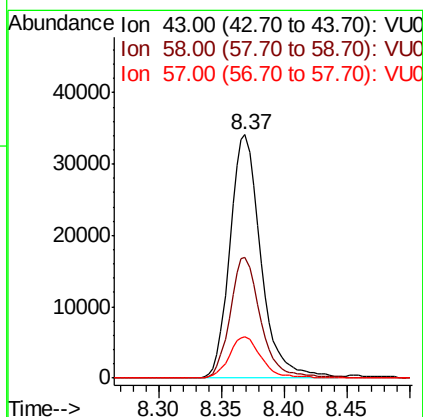
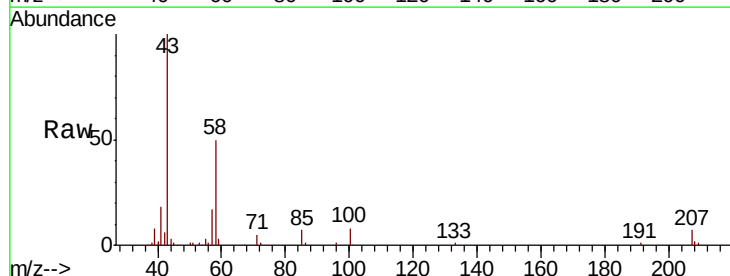
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

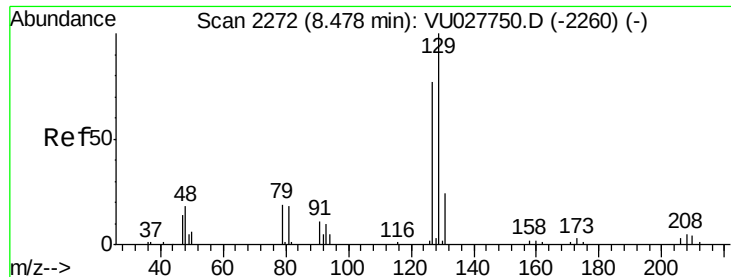
Tgt Ion: 76 Resp: 26037
 Ion Ratio Lower Upper
 76 100
 78 33.1 25.4 38.0



#54
 2-Hexanone
 Concen: 23.119 ug/l
 RT: 8.37 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 43 Resp: 58610
 Ion Ratio Lower Upper
 43 100
 58 48.9 30.0 70.0
 57 17.5 0.0 37.7

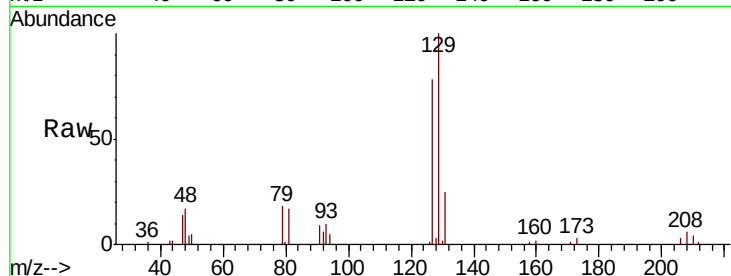




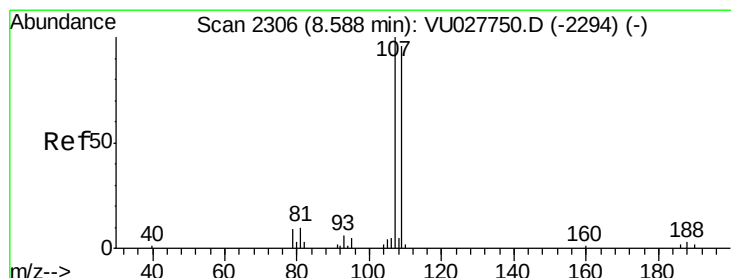
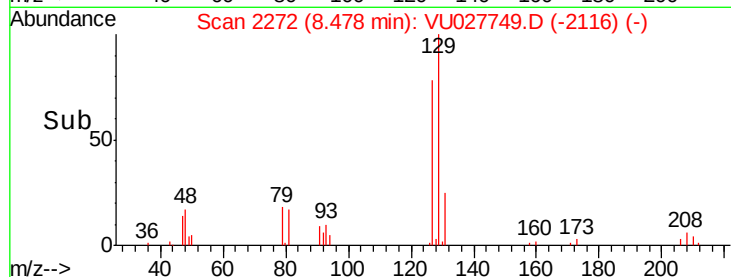
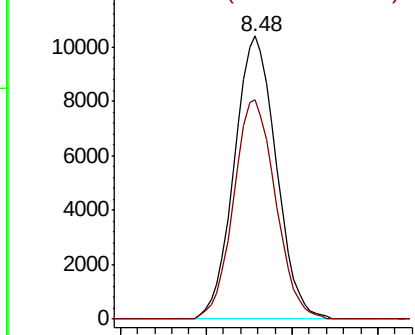
#55
 Dibromochloromethane
 Concen: 5.040 ug/l
 RT: 8.48 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:129 Resp: 17640
 Ion Ratio Lower Upper
 129 100
 127 77.5 61.9 92.9

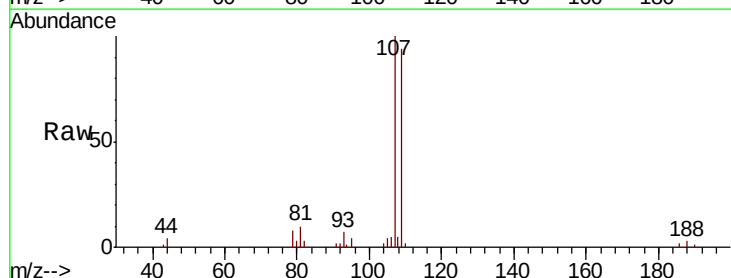


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V

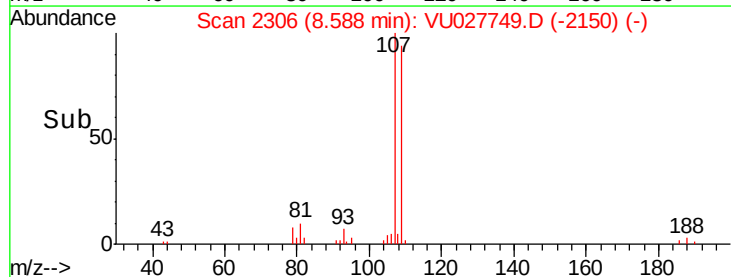
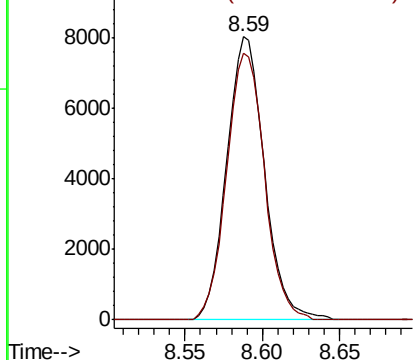


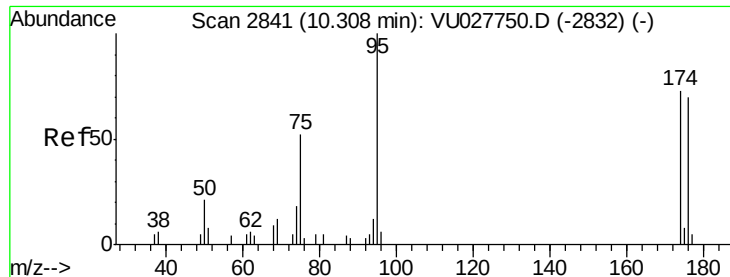
#56
 1,2-Dibromoethane
 Concen: 5.013 ug/l
 RT: 8.59 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:107 Resp: 13606
 Ion Ratio Lower Upper
 107 100
 109 94.5 0.0 188.4



Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V

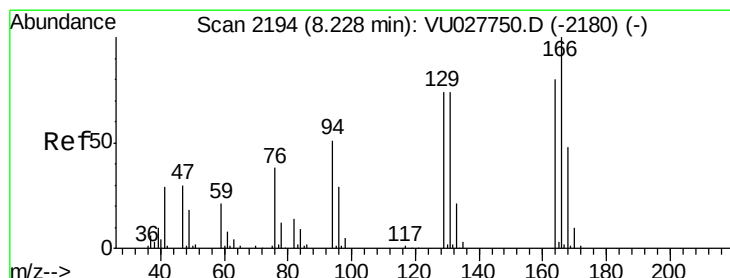
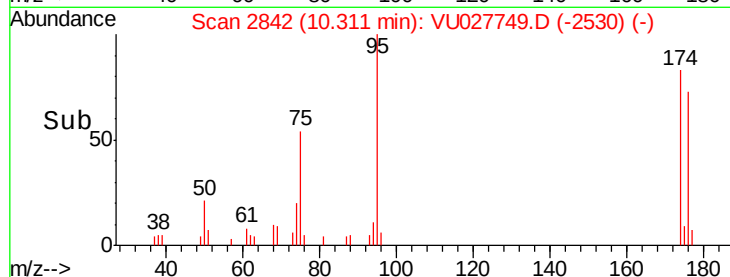
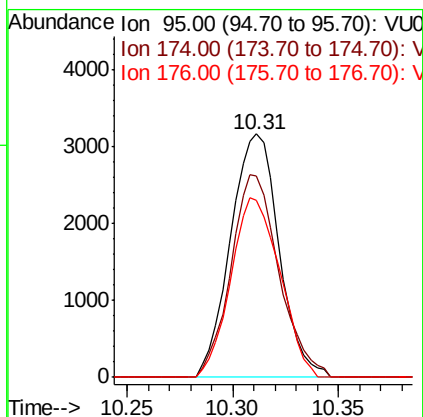
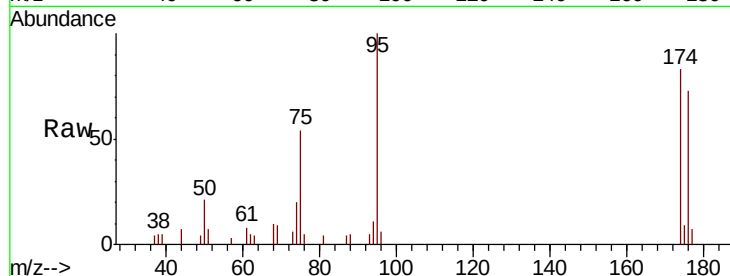




#57
4-Bromofluorobenzene
Concen: 5.013 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

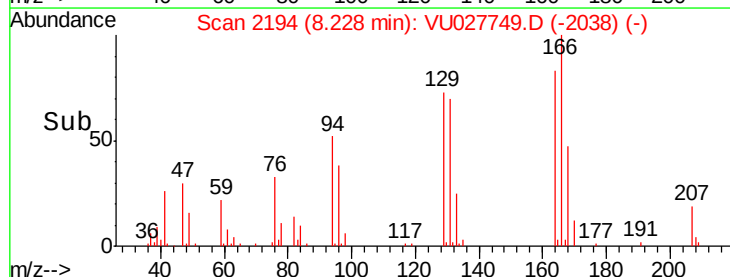
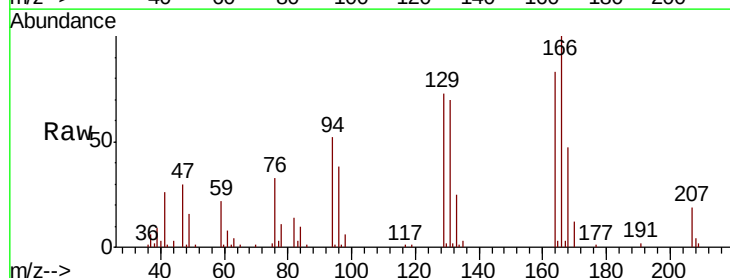
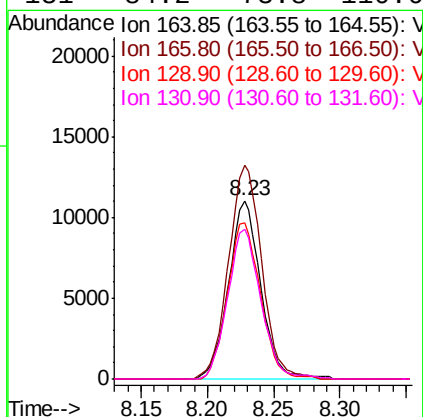
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

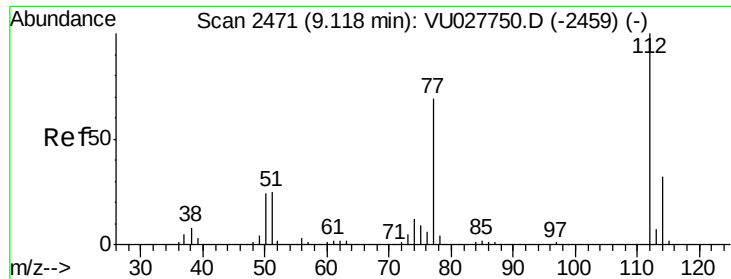
Tgt Ion: 95 Resp: 5058
Ion Ratio Lower Upper
95 100
174 82.5 64.5 96.7
176 74.5 58.3 87.5



#58
Tetrachloroethene
Concen: 5.165 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion: 164 Resp: 18629
Ion Ratio Lower Upper
164 100
166 119.8 100.2 150.4
129 87.9 73.7 110.5
131 84.2 73.8 110.6





#59

Chlorobenzene

Concen: 4.803 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

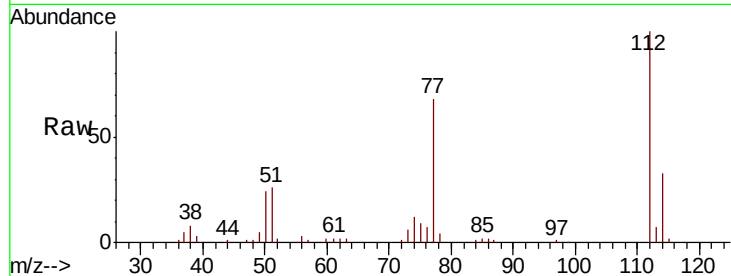
VSTDIC005

Tgt Ion:112 Resp: 49289

Ion Ratio Lower Upper

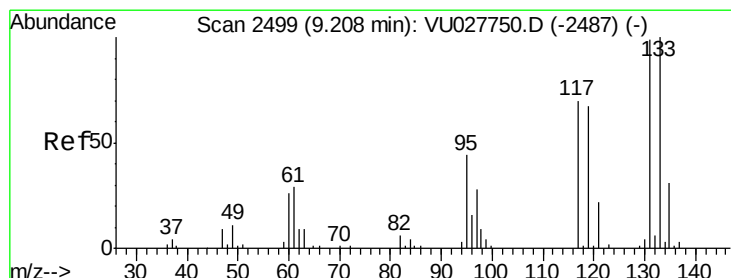
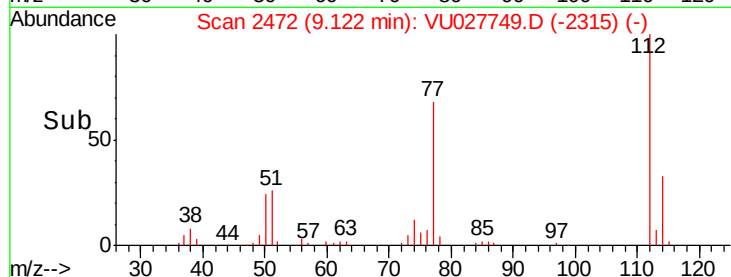
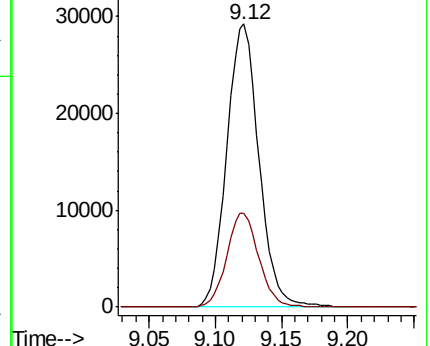
112 100

114 33.0 25.4 38.0



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 4.941 ug/l

RT: 9.21 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

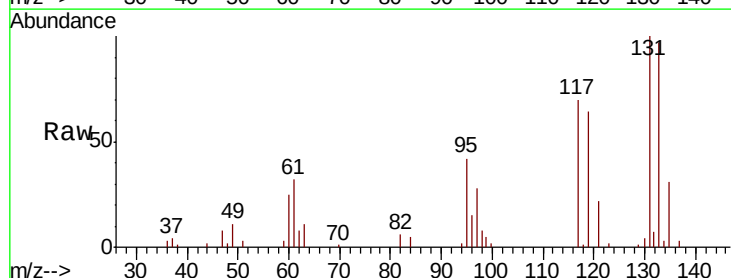
Tgt Ion:131 Resp: 18387

Ion Ratio Lower Upper

131 100

133 95.8 77.5 116.3

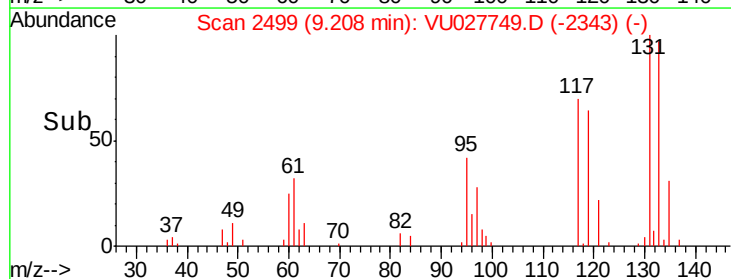
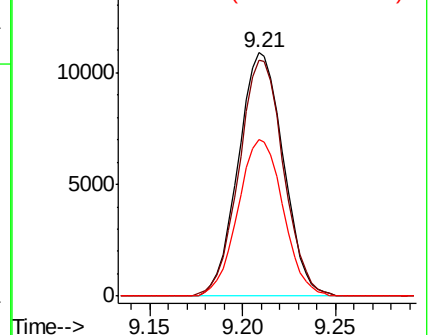
119 64.3 52.0 78.0

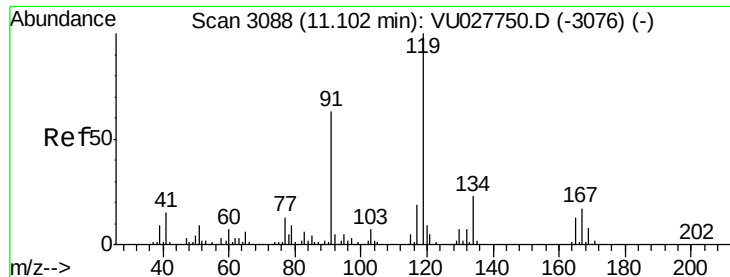


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V

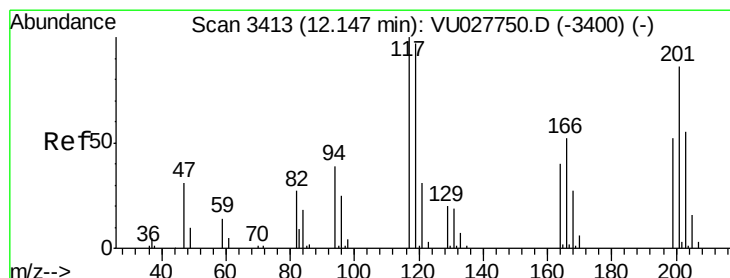
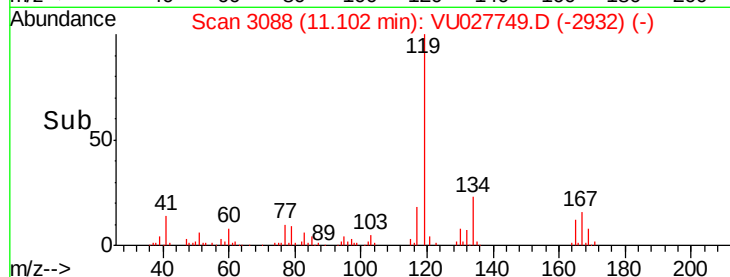
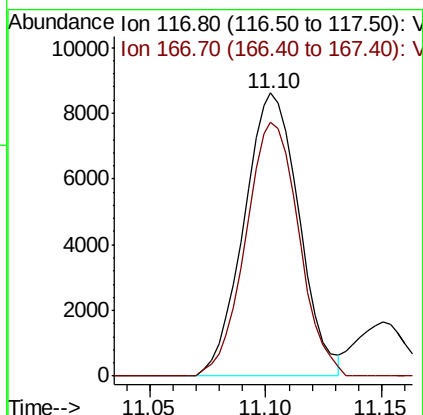
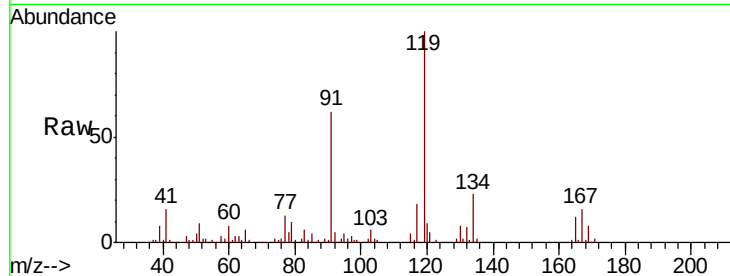




#61
 Pentachloroethane
 Concen: 4.934 ug/l
 RT: 11.10 min Scan# 3088
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

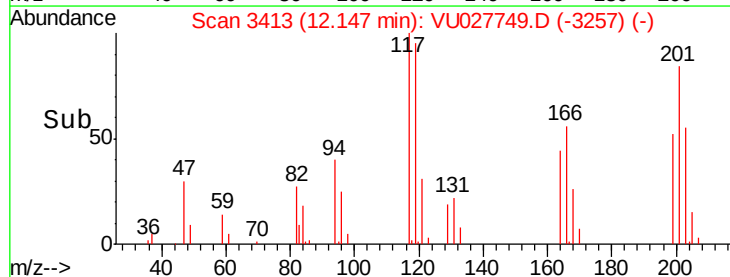
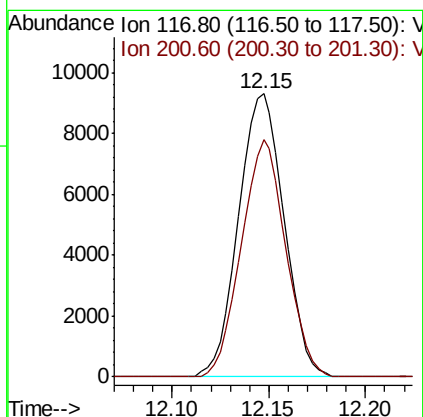
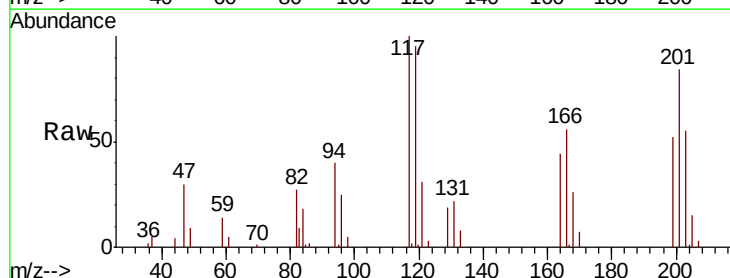
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

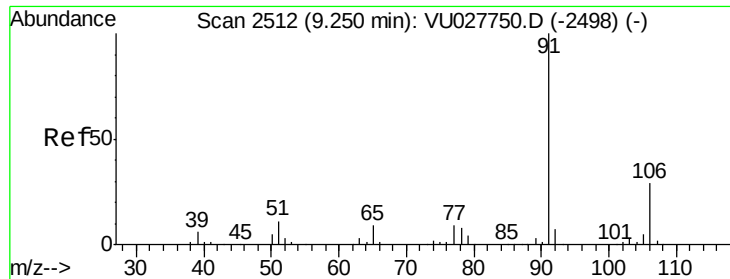
Tgt Ion:117 Resp: 14210
 Ion Ratio Lower Upper
 117 100
 167 86.5 70.1 105.1



#62
 Hexachloroethane
 Concen: 4.917 ug/l
 RT: 12.15 min Scan# 3413
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:117 Resp: 15257
 Ion Ratio Lower Upper
 117 100
 201 81.7 66.0 99.0





#63

Ethyl Benzene

Concen: 5.074 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

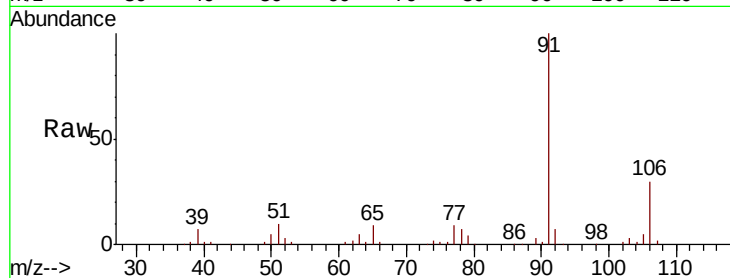
VSTDIC005

Tgt Ion: 91 Resp: 96268

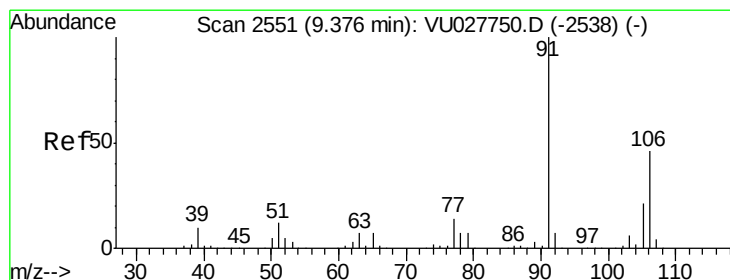
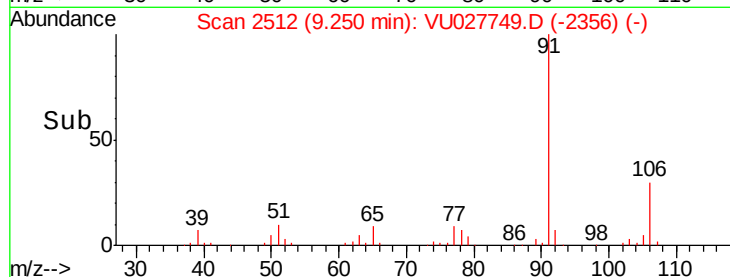
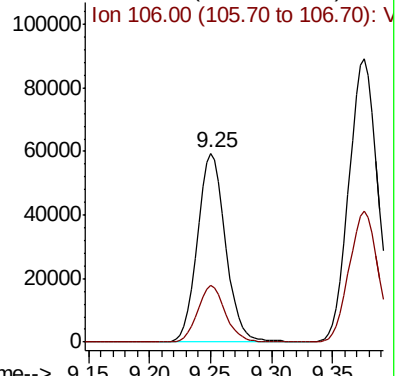
Ion Ratio Lower Upper

91 100

106 30.1 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VU027750.D (-2498) (-)



#64

m/p-Xylenes

Concen: 9.928 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027749.D

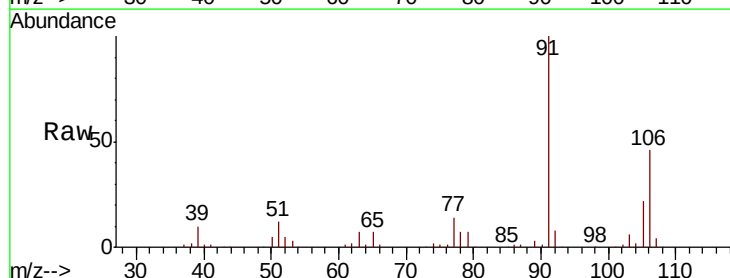
Acq: 22 Oct 2018 19:09

Tgt Ion: 106 Resp: 68870

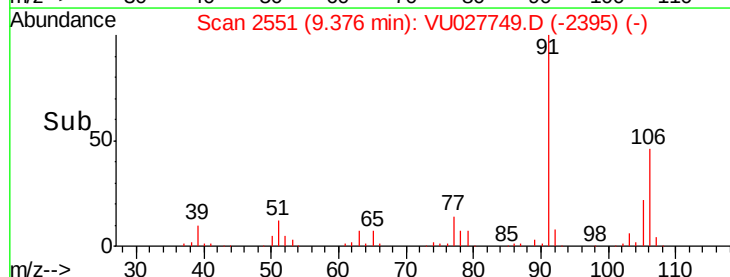
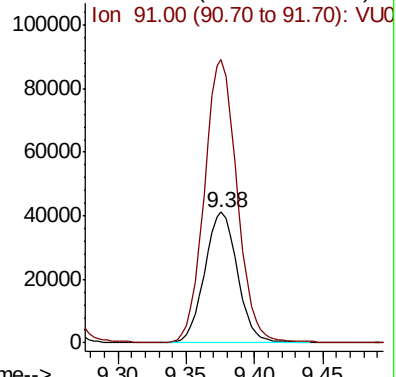
Ion Ratio Lower Upper

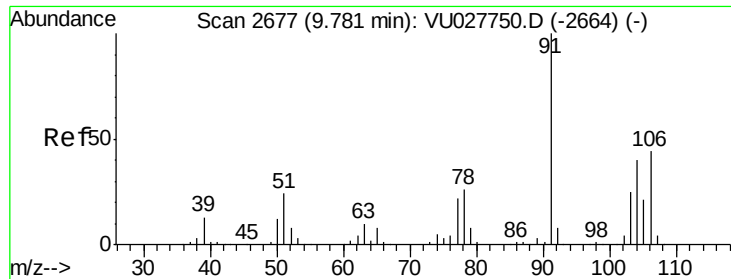
106 100

91 215.1 173.3 259.9



Abundance Ion 106.00 (105.70 to 106.70): VU027750.D (-2538) (-)





#65

o-Xylene

Concen: 4.795 ug/l

RT: 9.78 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

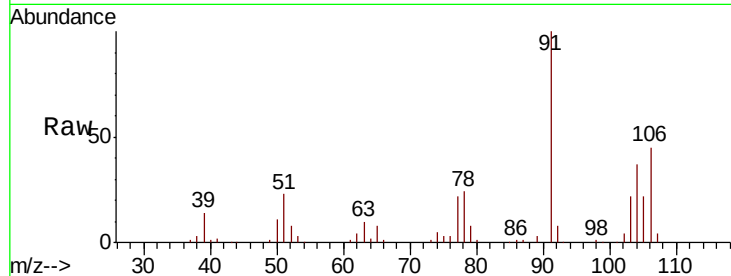
VSTDIC005

Tgt Ion:106 Resp: 33202

Ion Ratio Lower Upper

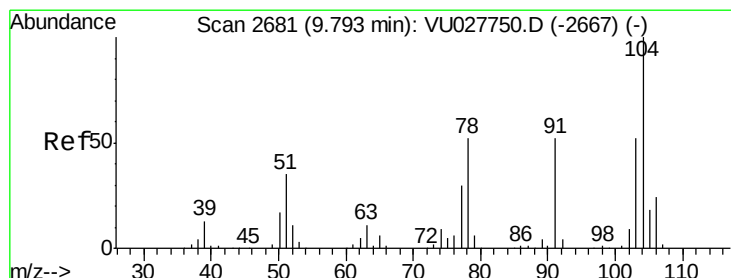
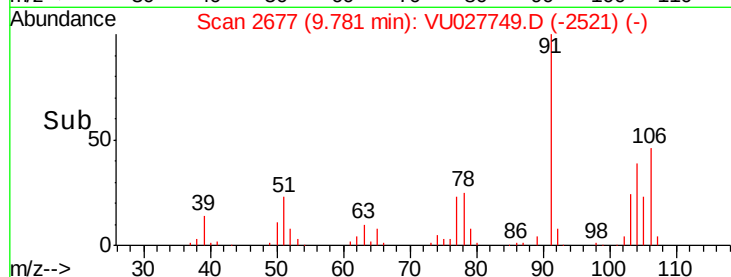
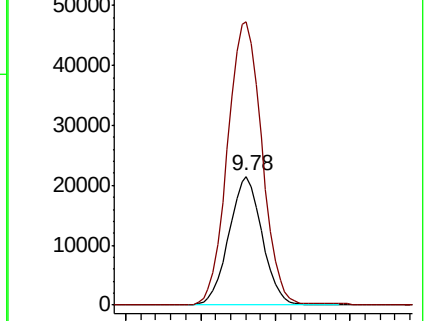
106 100

91 229.0 113.4 340.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 4.920 ug/l

RT: 9.79 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

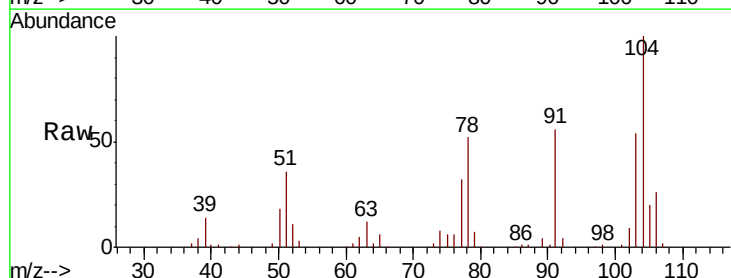
Tgt Ion:104 Resp: 56380

Ion Ratio Lower Upper

104 100

78 55.8 45.2 67.8

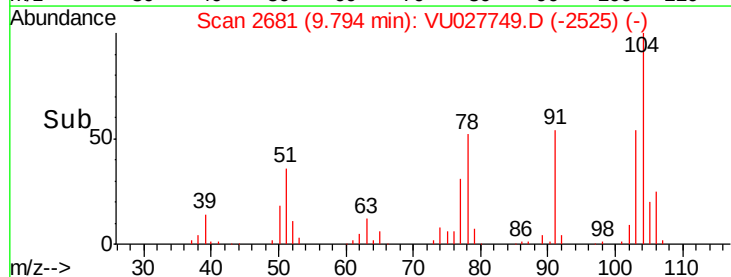
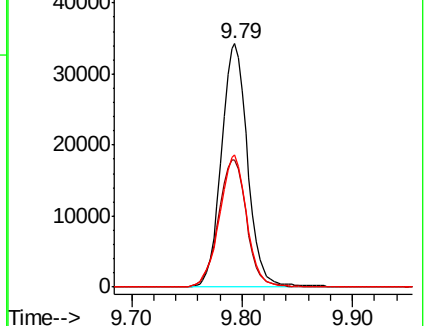
103 56.0 44.8 67.2

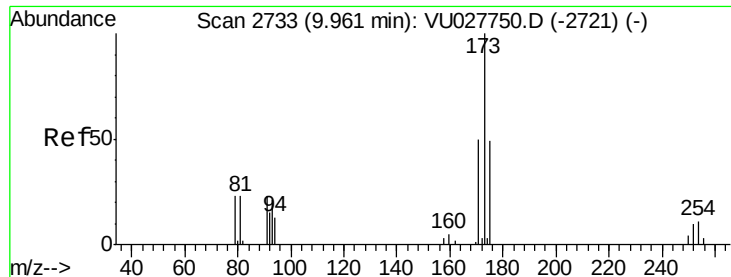


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 4.892 ug/l

RT: 9.96 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

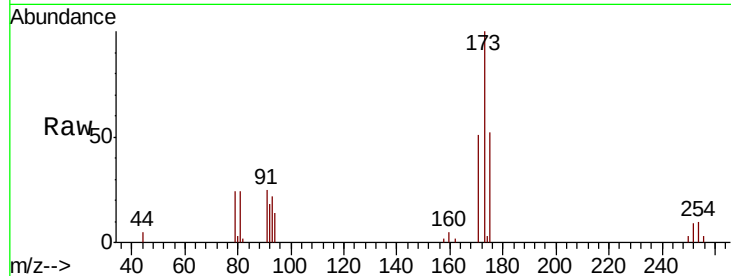
Tgt Ion:173 Resp: 9931

Ion Ratio Lower Upper

173 100

175 50.1 39.6 59.4

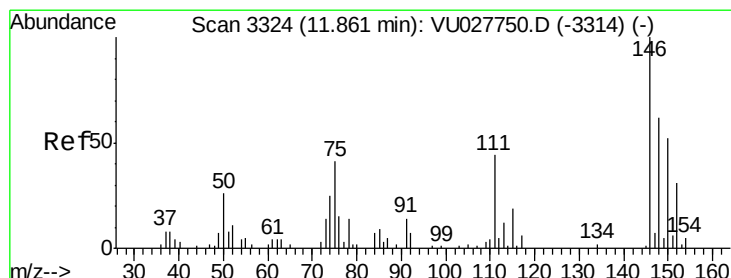
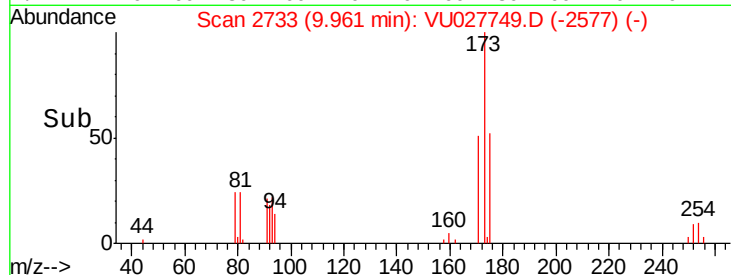
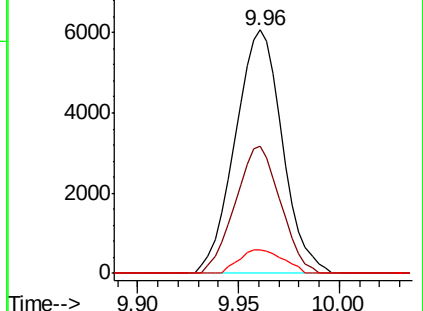
254 9.0 7.8 11.6



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 4.892 ug/l

RT: 11.86 min Scan# 3324

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

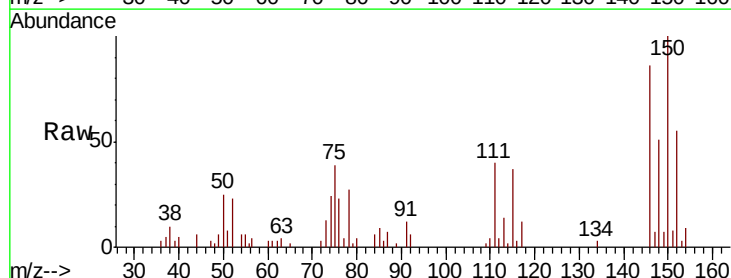
Tgt Ion:152 Resp: 4681

Ion Ratio Lower Upper

152 100

115 100.4 0.0 130.2

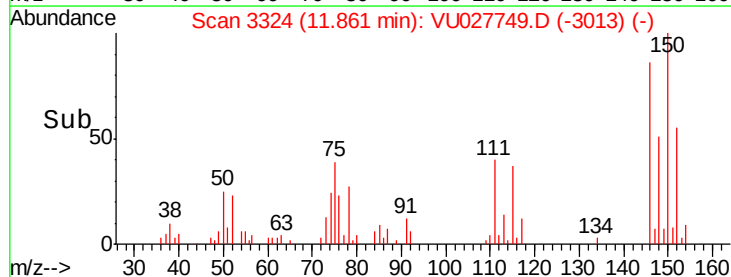
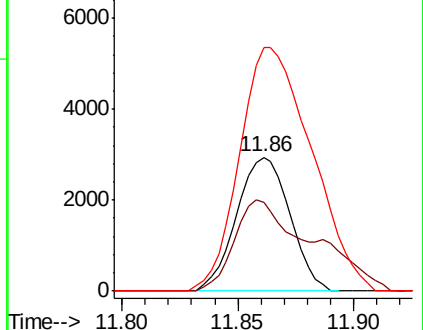
150 246.6 0.0 650.6

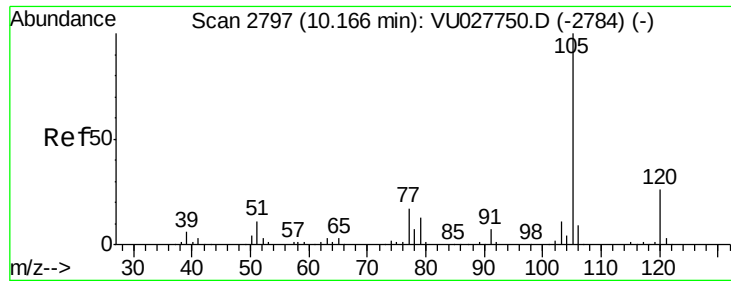


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 4.931 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

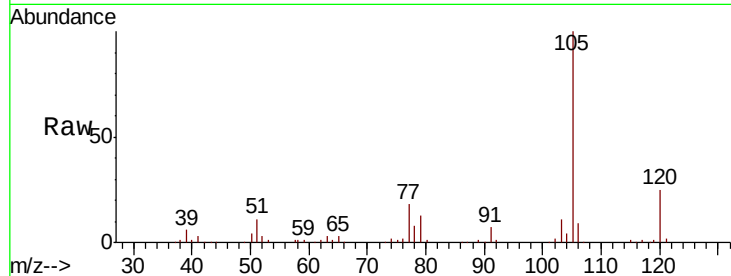
VSTDIC005

Tgt Ion:105 Resp: 91404

Ion Ratio Lower Upper

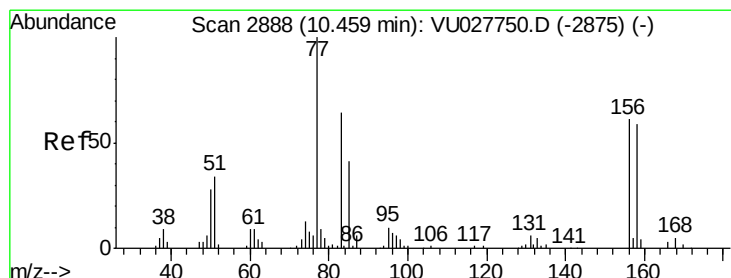
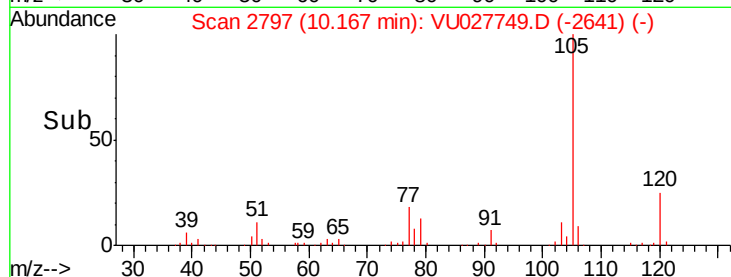
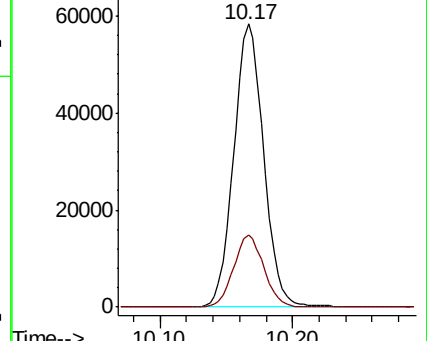
105 100

120 25.6 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 4.797 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

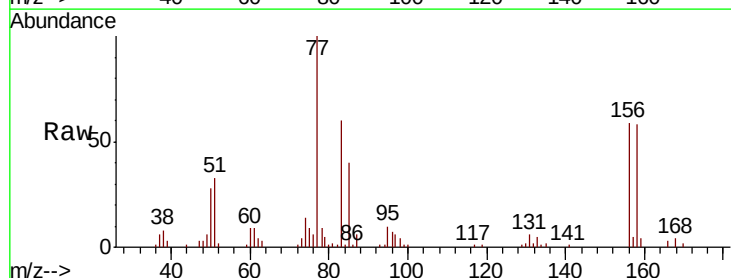
Tgt Ion: 83 Resp: 17900

Ion Ratio Lower Upper

83 100

131 9.9 7.7 11.5

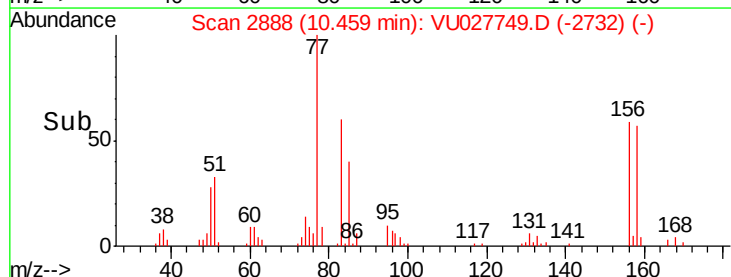
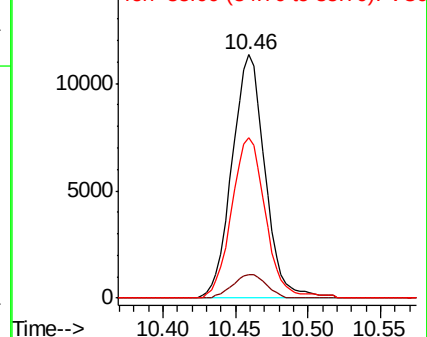
85 67.9 51.2 76.8

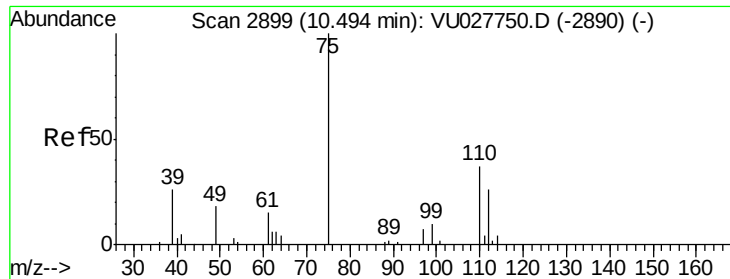


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

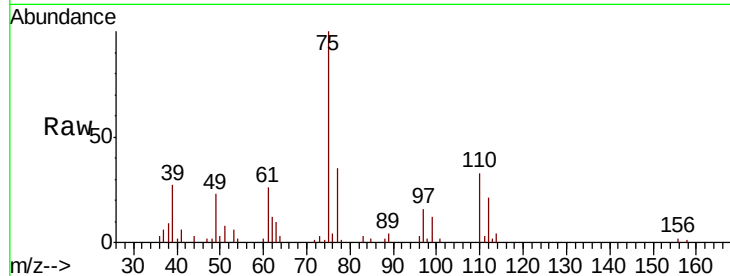




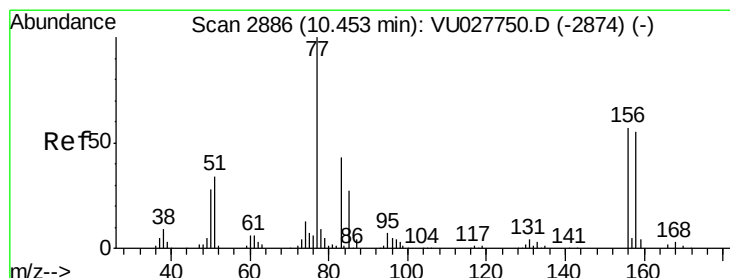
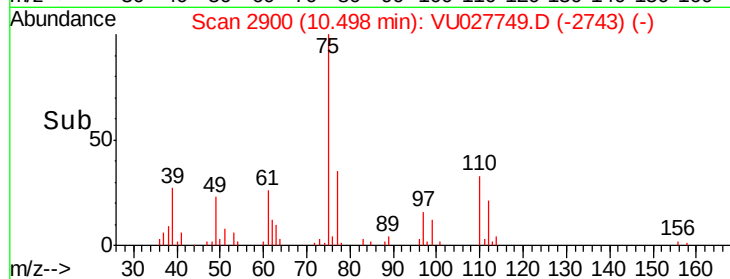
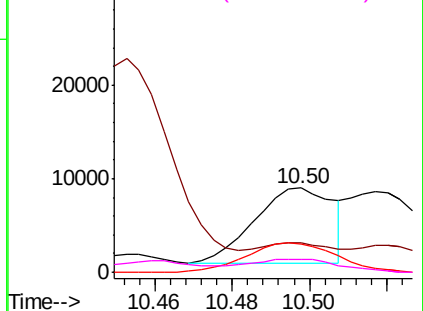
#71
 1,2,3-Trichloropropane
 Concen: 3.899 ug/l
 RT: 10.50 min Scan# 2900
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:	75	Resp:	11301
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0
110	44.9	0.0	68.2
97	19.5	0.0	35.2

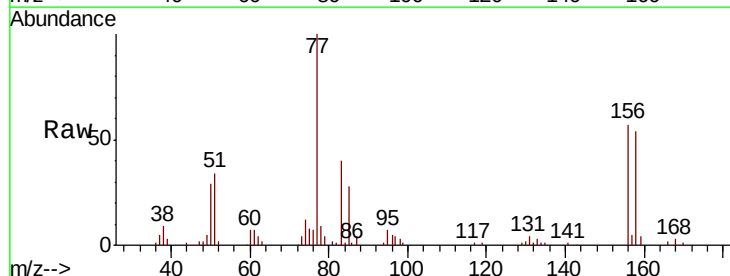


Abundance Ion 75.00 (74.70 to 75.70): VU027750.D (-2890) (-)
 Ion 77.00 (76.70 to 77.70): VU027750.D (-2890) (-)
 Ion 110.00 (109.70 to 110.70): VU027750.D (-2890) (-)
 Ion 97.00 (96.70 to 97.70): VU027750.D (-2890) (-)

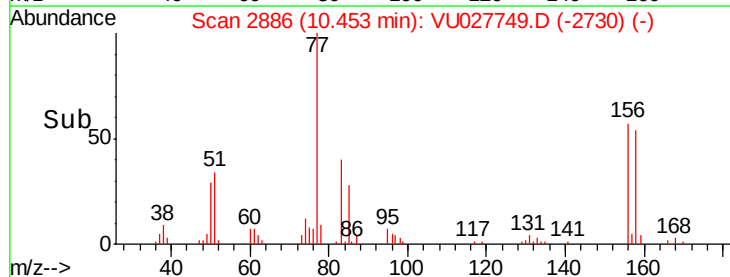
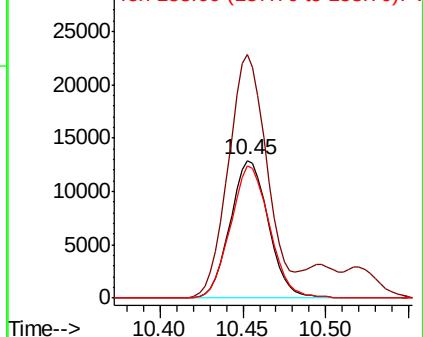


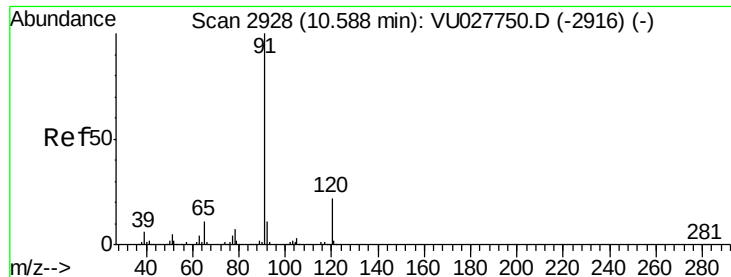
#72
 Bromobenzene
 Concen: 4.996 ug/l
 RT: 10.45 min Scan# 2886
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:	156	Resp:	20699
Ion	Ratio	Lower	Upper
156	100		
77	180.0	0.0	349.4
158	97.9	0.0	191.4



Abundance Ion 156.00 (155.70 to 156.70): VU027750.D (-2874) (-)
 Ion 77.00 (76.70 to 77.70): VU027750.D (-2874) (-)
 Ion 158.00 (157.70 to 158.70): VU027750.D (-2874) (-)





#73

n-propylbenzene

Concen: 5.092 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

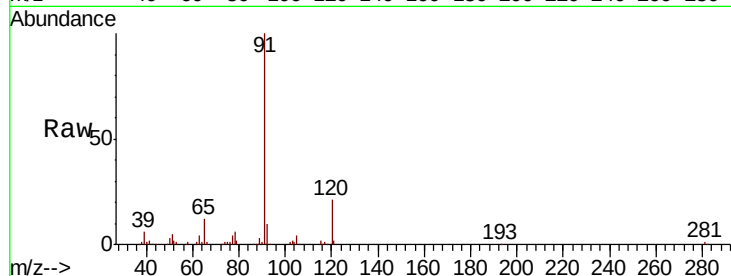
VSTDIC005

Tgt Ion:120 Resp: 24193

Ion Ratio Lower Upper

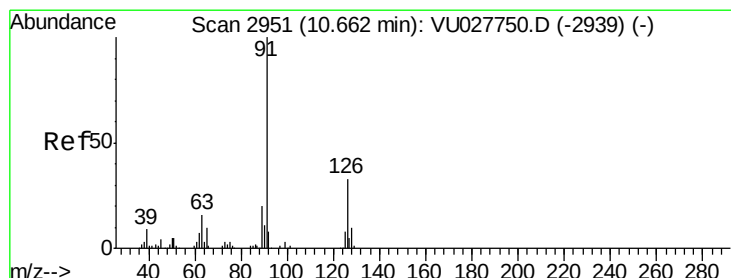
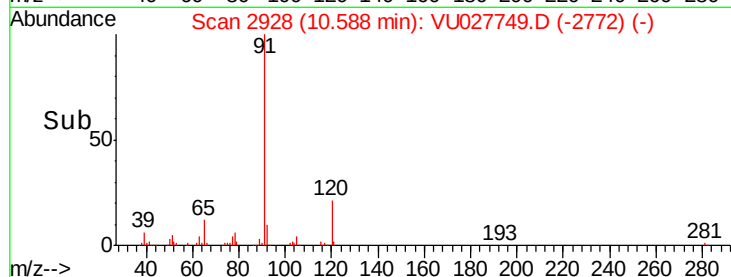
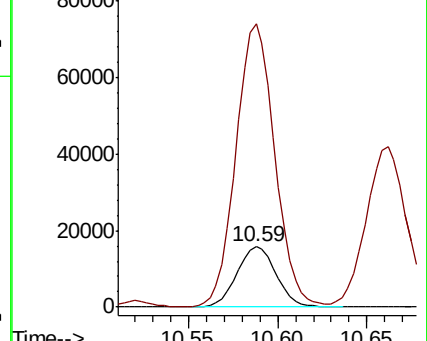
120 100

91 464.9 369.0 553.6



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 4.866 ug/l

RT: 10.66 min Scan# 2951

Delta R.T. 0.00 min

Lab File: VU027749.D

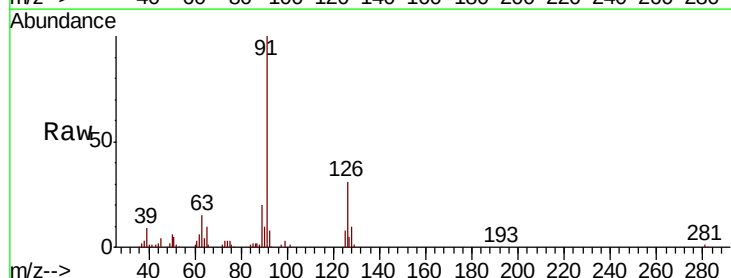
Acq: 22 Oct 2018 19:09

Tgt Ion:126 Resp: 20637

Ion Ratio Lower Upper

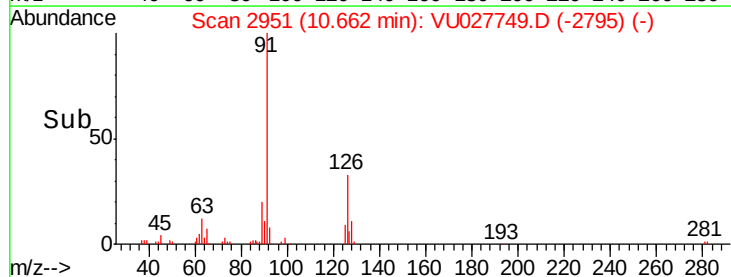
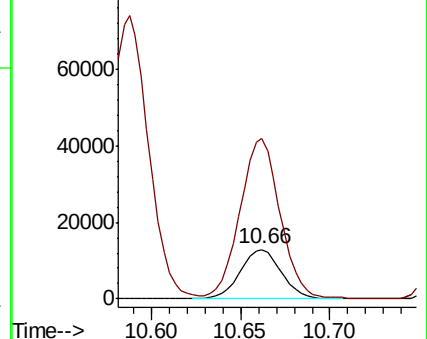
126 100

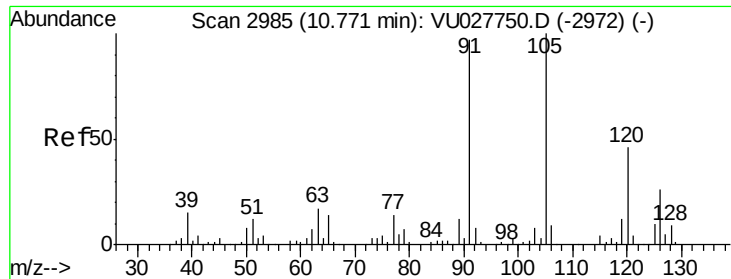
91 323.2 0.0 628.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 5.057 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

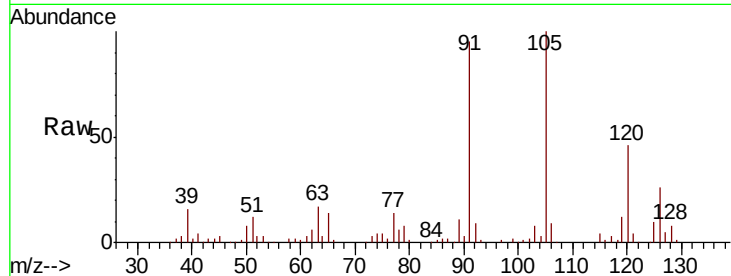
VSTDIC005

Tgt Ion:105 Resp: 78212

Ion Ratio Lower Upper

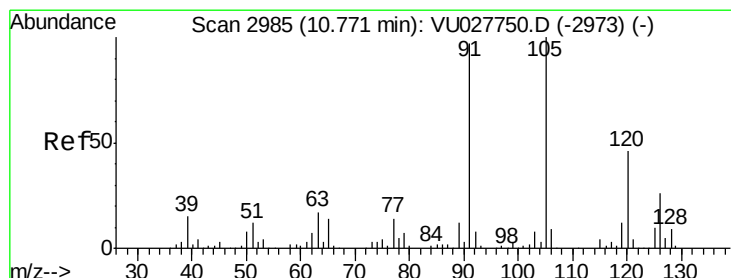
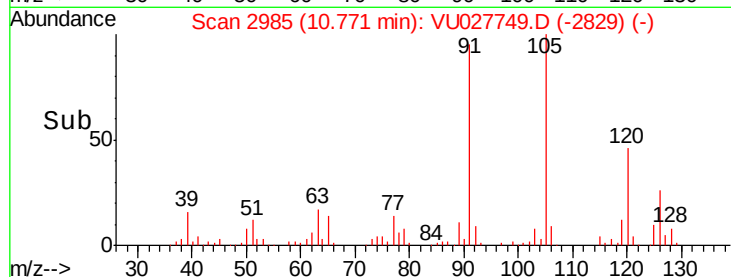
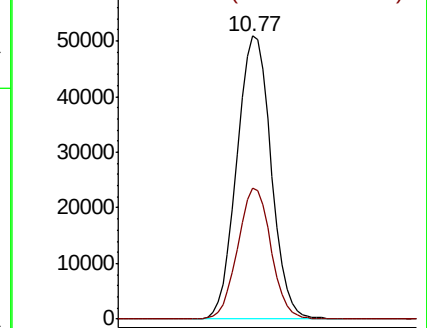
105 100

120 44.9 37.2 55.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 5.090 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027749.D

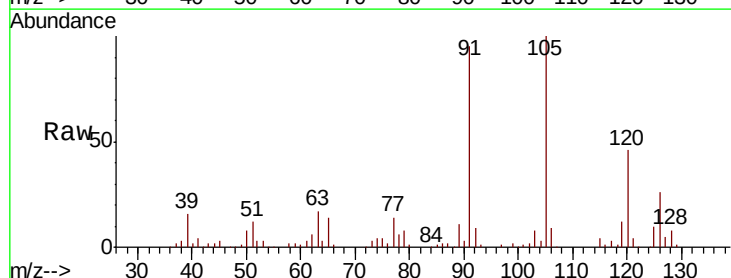
Acq: 22 Oct 2018 19:09

Tgt Ion:126 Resp: 20788

Ion Ratio Lower Upper

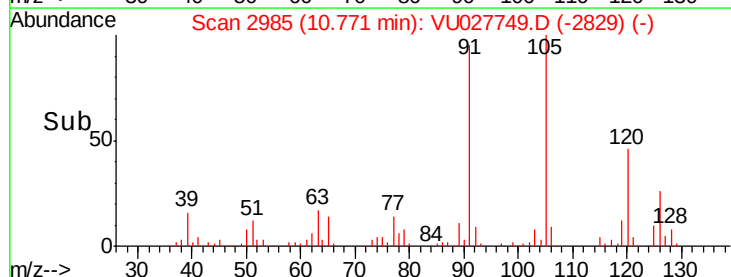
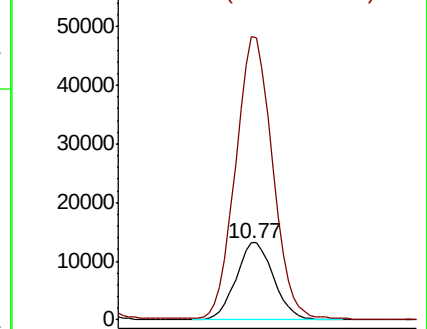
126 100

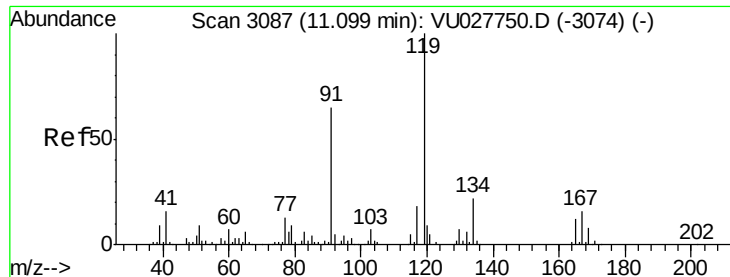
91 363.2 0.0 734.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#77

tert-Butylbenzene

Concen: 4.952 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

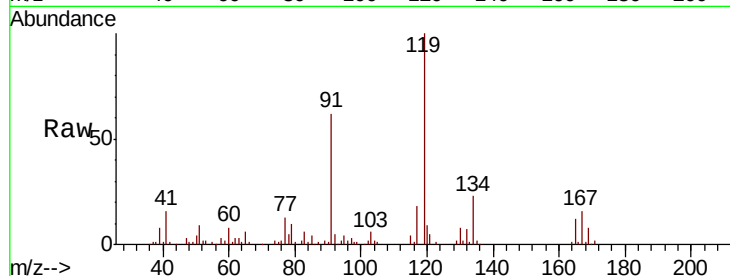
Tgt Ion:119 Resp: 75954

Ion Ratio Lower Upper

119 100

91 62.1 31.8 95.4

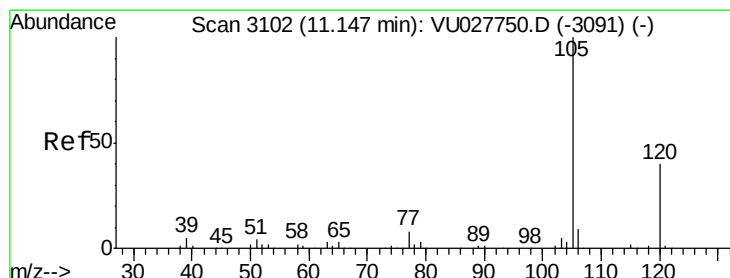
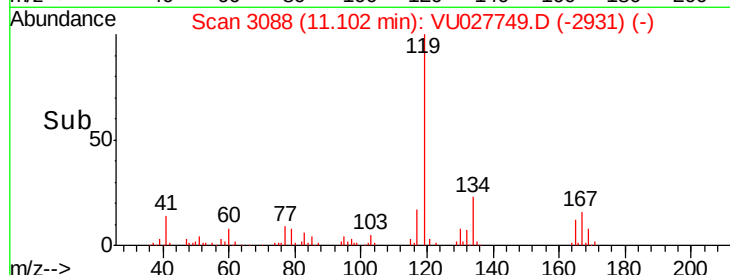
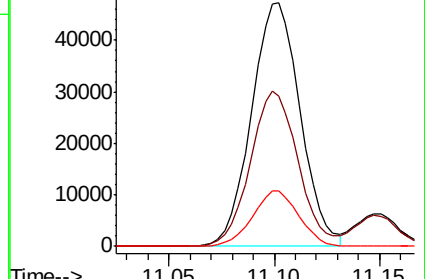
134 21.7 17.7 26.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VU0

Ion 134.00 (133.70 to 134.70): V



#78

1,2,4-Trimethylbenzene

Concen: 5.035 ug/l

RT: 11.15 min Scan# 3102

Delta R.T. 0.00 min

Lab File: VU027749.D

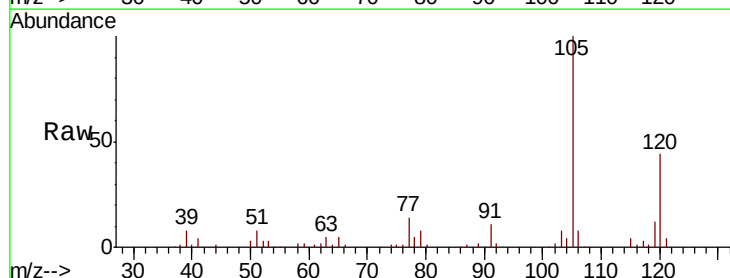
Acq: 22 Oct 2018 19:09

Tgt Ion:105 Resp: 80279

Ion Ratio Lower Upper

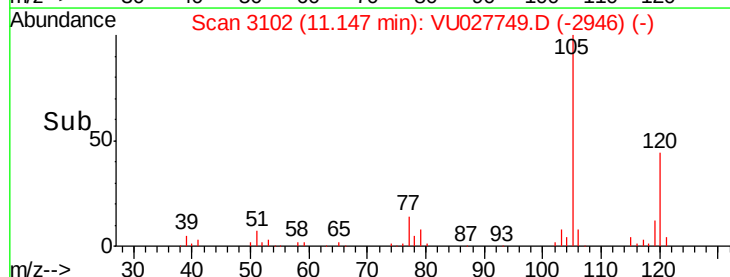
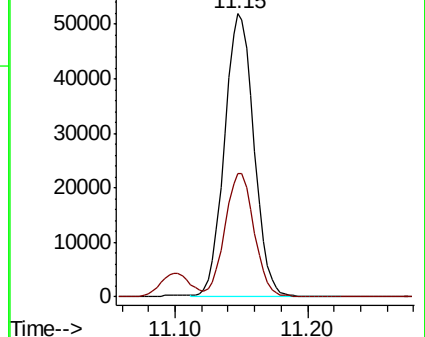
105 100

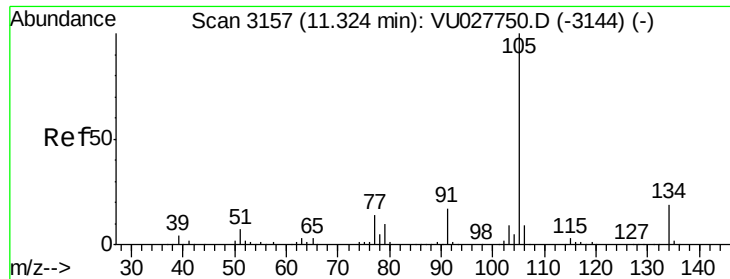
120 43.4 21.6 64.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 5.123 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

Instrument :

MSVOA_U

ClientSampleId :

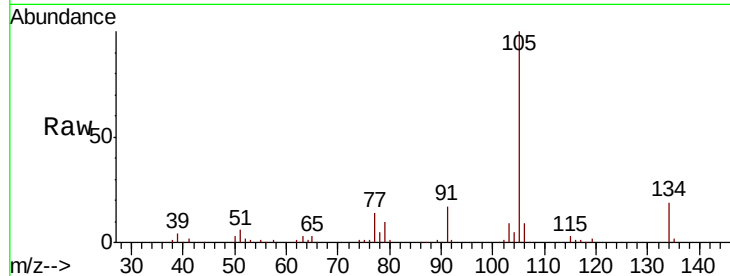
VSTDIC005

Tgt Ion: 105 Resp: 100562

Ion Ratio Lower Upper

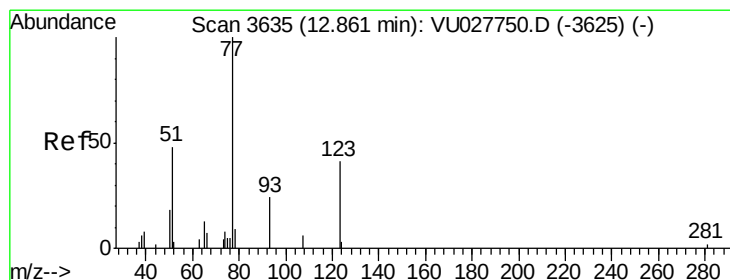
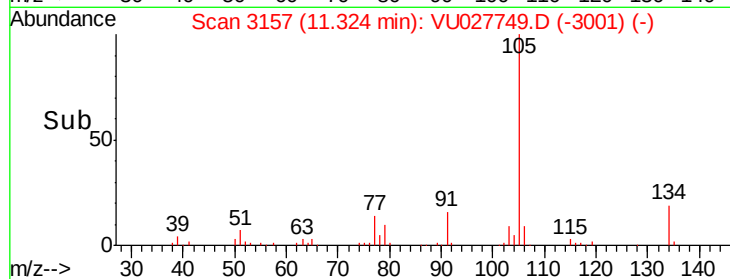
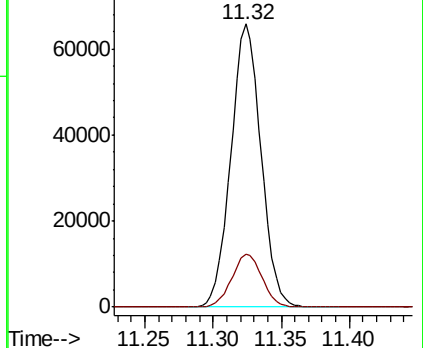
105 100

134 18.8 15.2 22.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 19.921 ug/l

RT: 12.86 min Scan# 3636

Delta R.T. 0.00 min

Lab File: VU027749.D

Acq: 22 Oct 2018 19:09

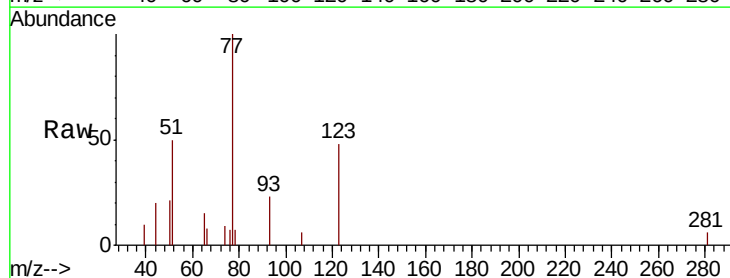
Tgt Ion: 77 Resp: 3454

Ion Ratio Lower Upper

77 100

123 40.2 16.9 59.9

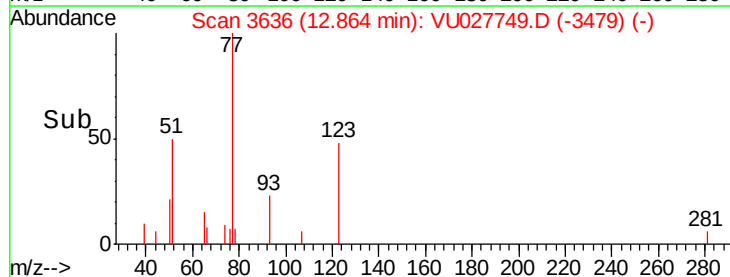
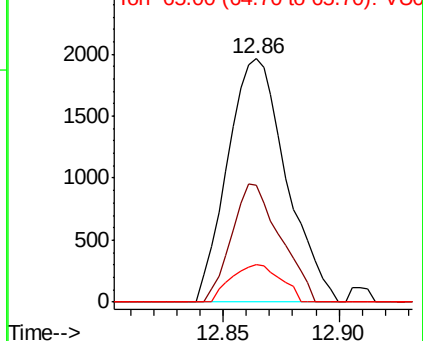
65 12.9 13.1 16.7#

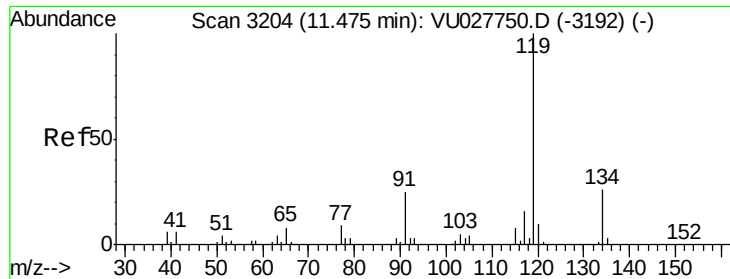


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

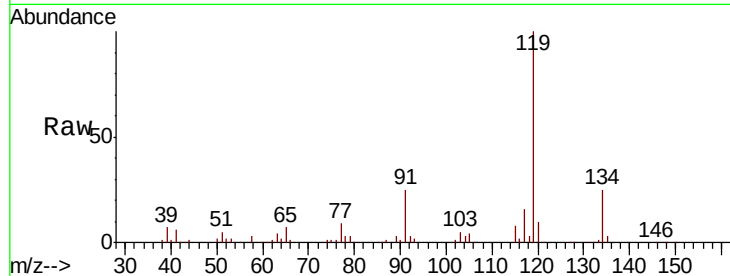




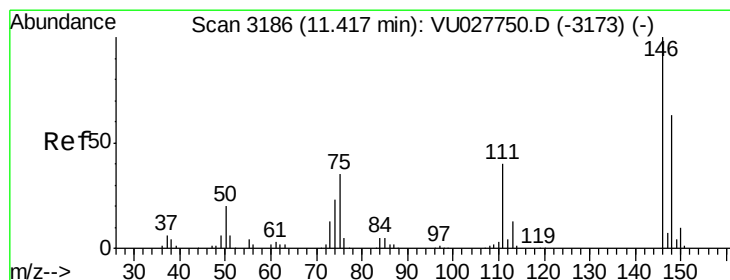
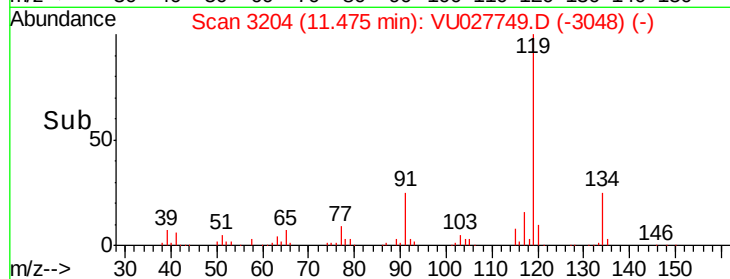
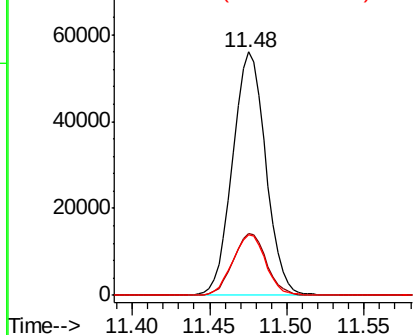
#81
 p-Isopropyltoluene
 Concen: 5.205 ug/l
 RT: 11.48 min Scan# 3204
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:119 Resp: 83283
 Ion Ratio Lower Upper
 119 100
 134 25.4 20.3 30.5
 91 24.7 20.2 30.4

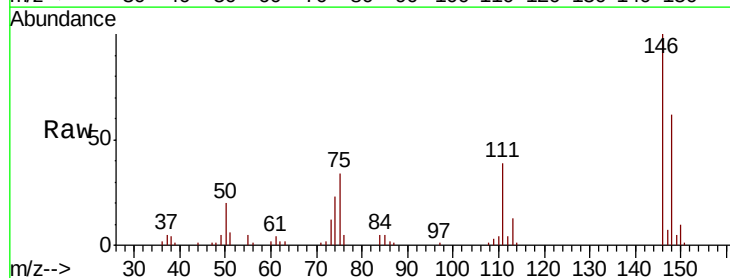


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

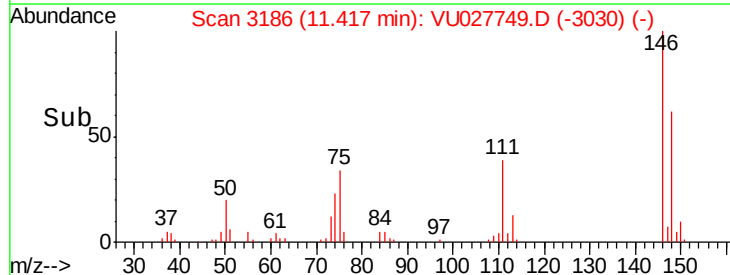
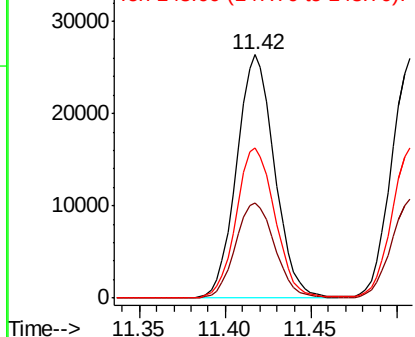


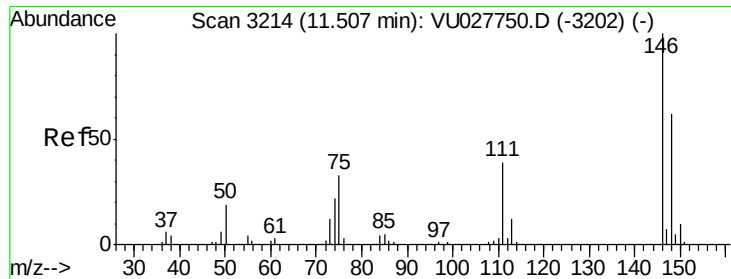
#82
 1,3-Dichlorobenzene
 Concen: 5.095 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:146 Resp: 40584
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.7 49.1
 148 63.4 50.6 75.8



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

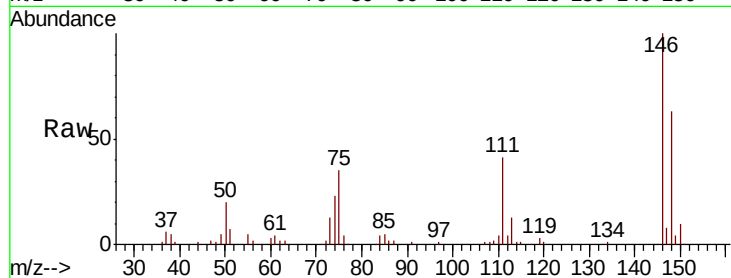




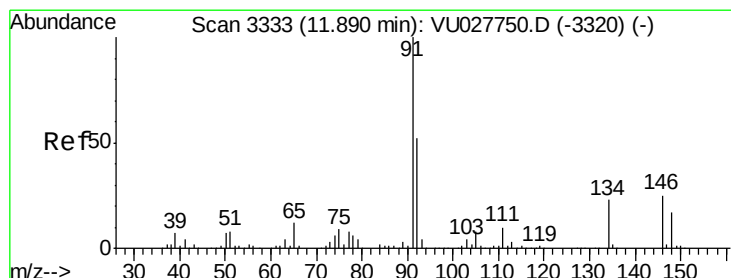
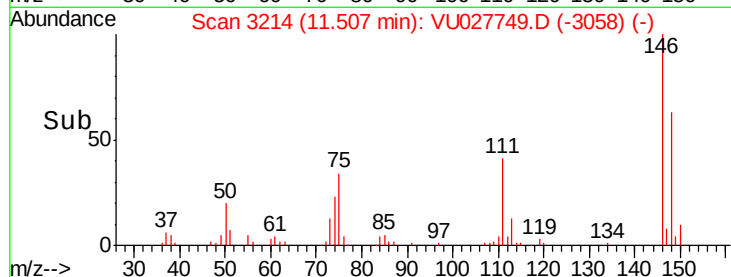
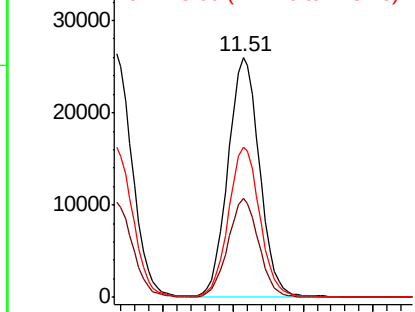
#83
 1,4-Dichlorobenzene
 Concen: 5.194 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 40851
 Ion Ratio Lower Upper
 146 100
 111 40.0 32.0 48.0
 148 62.5 50.9 76.3

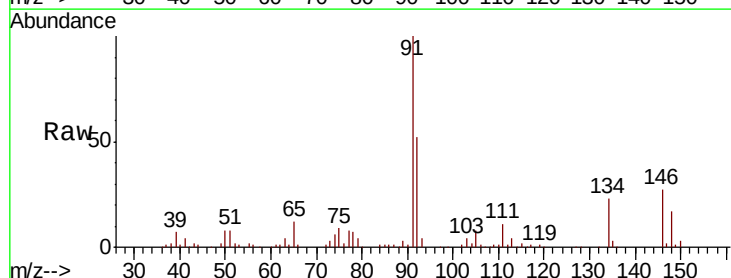


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

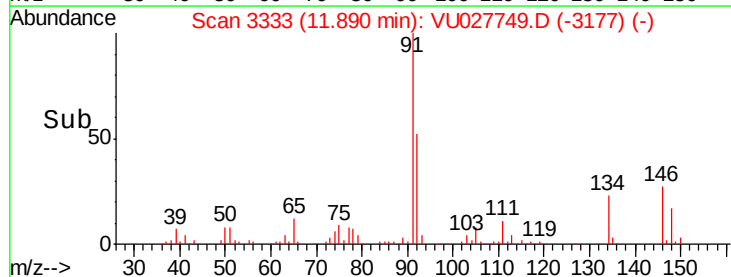
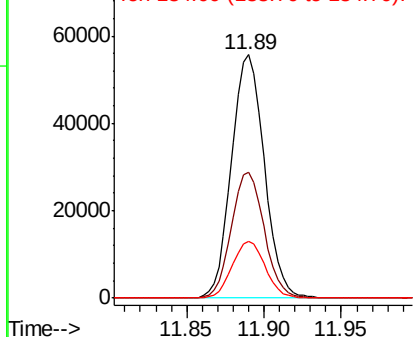


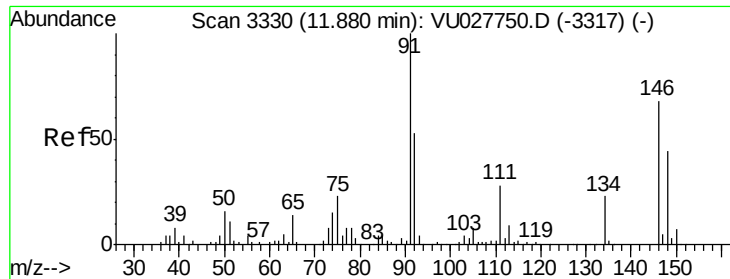
#84
 n-Butylbenzene
 Concen: 5.433 ug/l
 RT: 11.89 min Scan# 3333
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 91 Resp: 82044
 Ion Ratio Lower Upper
 91 100
 92 51.5 42.1 63.1
 134 23.4 18.6 28.0



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

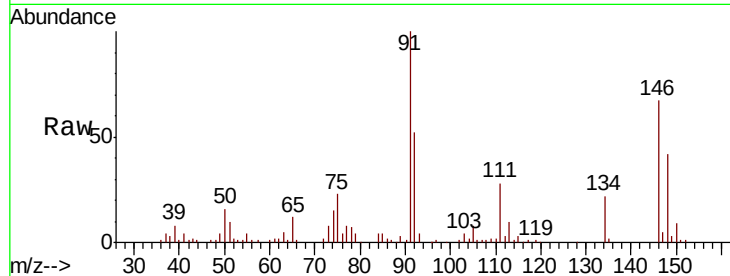




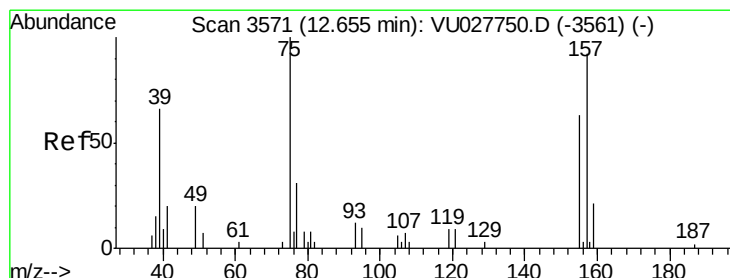
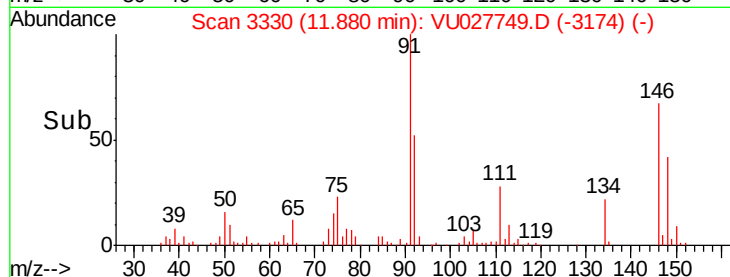
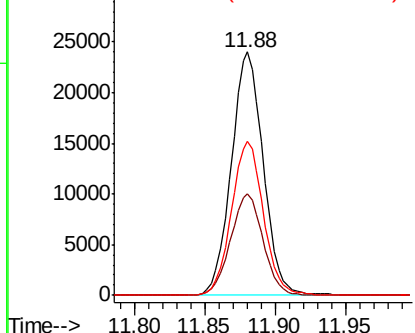
#85
 1,2-Dichlorobenzene
 Concen: 5.008 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion: 146 Resp: 38019
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.2 63.6
 148 63.4 32.2 96.6

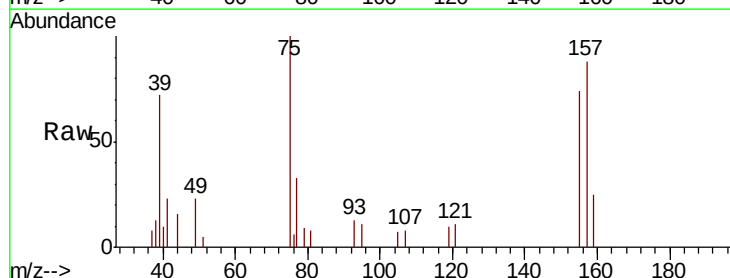


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

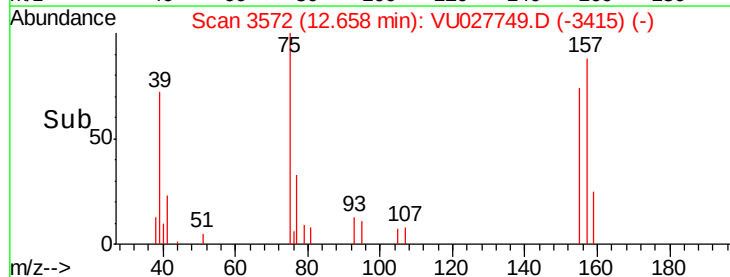
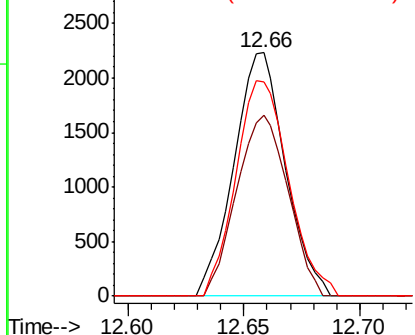


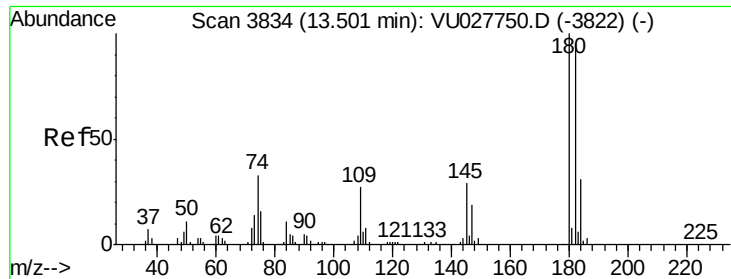
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 5.216 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion: 75 Resp: 3442
 Ion Ratio Lower Upper
 75 100
 155 74.2 55.5 83.3
 157 90.8 71.0 106.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V

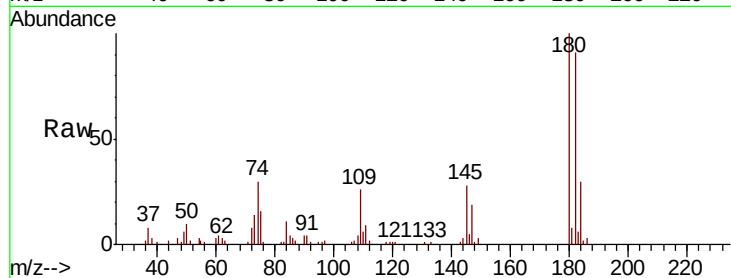




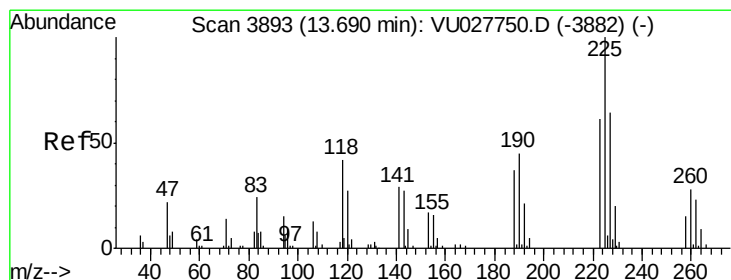
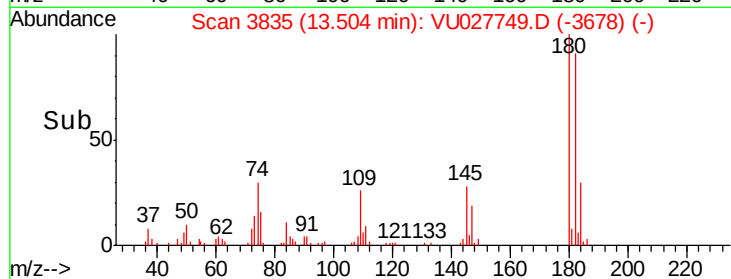
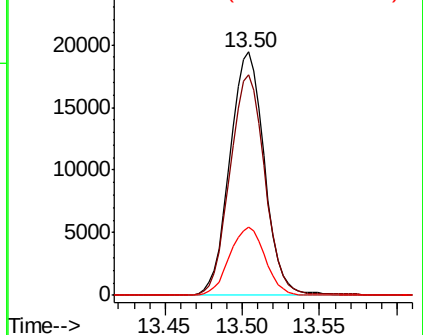
#87
 1,2,4-Trichlorobenzene
 Concen: 5.392 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tgt Ion:180 Resp: 30021
 Ion Ratio Lower Upper
 180 100
 182 91.2 75.9 113.9
 145 28.5 23.6 35.4

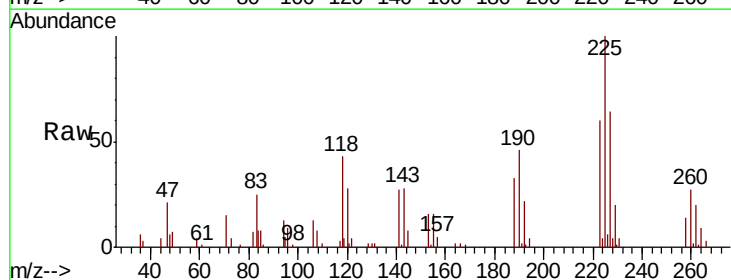


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

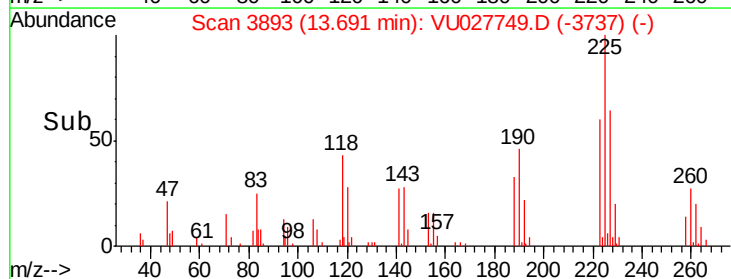
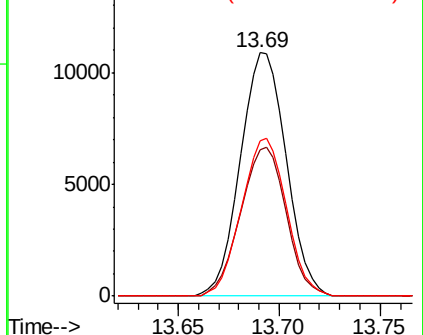


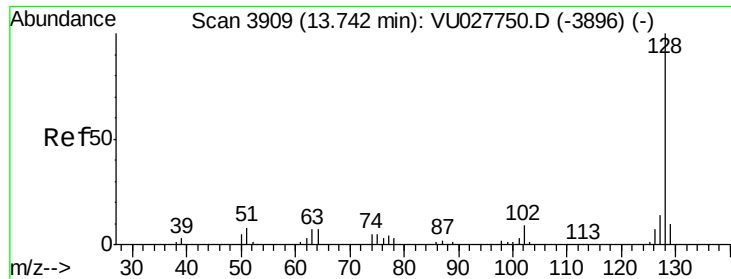
#88
 Hexachlorobutadiene
 Concen: 5.244 ug/l
 RT: 13.69 min Scan# 3893
 Delta R.T. 0.00 min
 Lab File: VU027749.D
 Acq: 22 Oct 2018 19:09

Tgt Ion:225 Resp: 17383
 Ion Ratio Lower Upper
 225 100
 223 60.5 49.6 74.4
 227 63.3 51.1 76.7



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

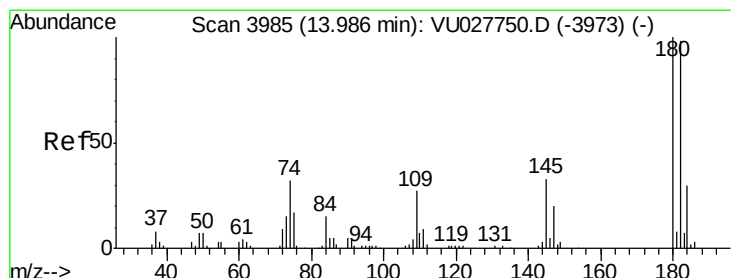
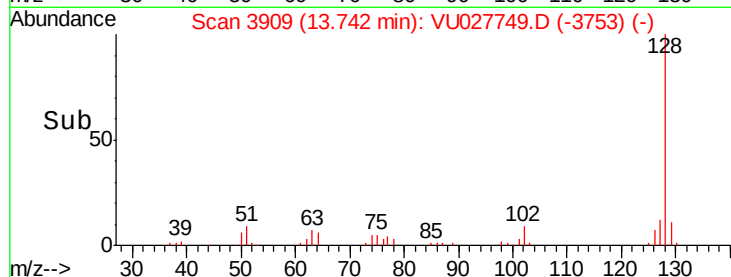
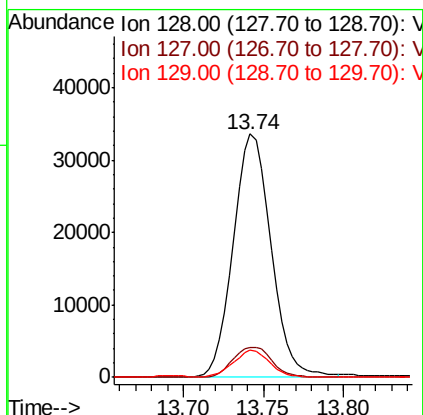
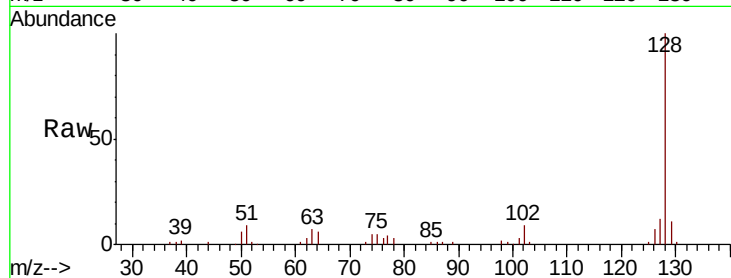




#89
Naphthalene
Concen: 4.928 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 54225
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.7 8.5 12.7



#90
1,2,3-Trichlorobenzene
Concen: 5.311 ug/l
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU027749.D
Acq: 22 Oct 2018 19:09

Tgt Ion:180 Resp: 27319
Ion Ratio Lower Upper
180 100
182 94.1 77.0 115.6
145 29.5 25.4 38.2

